

PANDEMIC REUNIONS:
P-RADE BECOMES V-RADE

CLASSICS FOR THE
MODERN READER

Q&A WITH
ADMISSION DEAN

PRINCETON ALUMNI WEEKLY



CONGRATS, CLASS OF 2020!

Virtual celebrations close
an extraordinary spring

JUNE/JULY 2020
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PRINCETON ALUMNI WEEKLY

An editorially independent
magazine by alumni for alumni
since 1900

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Valedictorian Nicholas Johnson '20
gave his address remotely.

Historic Achievement

Nicholas Johnson '20
reflects on being
Princeton's first black
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Composer Charu Suri
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blend of jazz and Indian
music in our Tiger of
the Week series.

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Cup of Cheer

Learn the history
of those custom beer
cups and cans you see
at Reunions.

Commencement 2020: Touched by Tragedy

On May 31, 2020, I presided over the virtual Commencement ceremony for the Class of 2020 — it was the University's 273rd graduation ceremony, and the first held virtually. Shortly before the event was live-streamed, I released a statement about the killing of George Floyd and the importance of combating racism. That statement appears below, along with my Commencement remarks for this year's graduating seniors. — C.L.E.

Statement from President Eisgruber on the killing of George Floyd and the importance of confronting racism

In my Commencement address for today's virtual ceremony, I say that members of the Class of 2020 graduate into hard times, and that the world needs not only their talent, but their insight, courage, and compassion. Though I recorded that speech less than two weeks ago, intervening events have reminded us that COVID-19 is not the only tragic challenge facing our students and our world.

We have witnessed yet again how this nation's long legacy of racism continues to damage and destroy the lives of black people. The heartless killing of George Floyd in Minneapolis occurred soon after the unjust shootings of Ahmaud Arbery in Georgia and Breonna Taylor in Louisville. It coincided with the appalling harassment of Christian Cooper in New York's Central Park, an incident that demonstrated how easily a racist complaint could put a black man in danger. The COVID-19 pandemic itself has killed black and brown Americans at higher rates than other groups, magnifying disparities in healthcare and economic well-being.

We all have a responsibility to stand up against racism, wherever and whenever we encounter it. Commitments to diversity, inclusivity, and human rights are fundamental to the mission of Princeton University. I ask all of us to join the graduates in the Class of 2020 in their quest to form a better society, one that confronts racism honestly and strives relentlessly for equality and justice.

Touched by Tragedy

A venerable Princeton tradition allows the University president to offer a few words to the graduating students at each year's Commencement exercises. You've all heard more than enough online speeches this spring, so I'll keep my remarks brief. I would be remiss, however, if I did not say something to mark the special achievements, and the exceptional potential, of this graduating class.

During my own senior year, which was a very long time ago, I chose a quotation from Supreme Court Justice Oliver Wendell Holmes, Jr., to accompany my picture in *The Nassau Herald*. The quote was, "Through our great good fortune, in our youth our hearts were touched with fire."

This was a terribly naïve selection on my part. I wanted to say to my classmates that our time together at Princeton

had kindled dreams, ideas, and friendships that could inspire us throughout our lives. But when Holmes claimed that he and his generation had been "touched with fire," he meant that their character had been forged through the searing challenges and tragic deaths of wartime military service. Through that perilous endeavor—and here I will quote the next line from his speech—"it was given to us to learn ... that life is a profound and passionate thing."

My generation experienced nothing like that. For the most part, we had it rather easy.

You graduate in much harder times. The awful contagion that now spreads among us tends to afflict the old more harshly than the young, so you may or may not feel your own life at risk. Some of you, however, have lost relatives or friends to this virus, or struggled with it yourselves. Many of you have seen jobs disappear or felt the economic devastation inflicted by this pandemic. Each and every one of you has lost something precious and irreplaceable.

In far too many ways, you have seen how fragile our world is. So much vanished so fast: scholarly projects, artistic performances, athletic competitions, even the simple pleasures of sharing meals or hugging friends. This ordeal affects us all, but it comes at a particularly formative moment in your lives.

So what will you do with this hardship? The losses are real and painful. What they took from you was beyond your control. What you take from them, however—that is at least partly up to you.

It is thus worth asking: how will you remember these difficult times when you look back on them many years from now? Might you say, do you want to say, after Oliver Wendell Holmes, that "In our youths, our lives were touched by tragedy, and so it was given to us to learn that life is a profound and passionate thing"?

You are already the *Great Class of 2020* in the sense that we traditionally call Princeton classes "great": during your time as Princeton students, you animated this University with your creativity, curiosity, intelligence, aspiration, compassion, persistence, and energy. I have no doubt that you will continue to impress us with your achievements in the years to come.

I believe, however, that your class has the chance to be the start of something truly extraordinary, to appreciate anew the value of ordinary human experience and to cooperate afresh for the common good. You enter a world that needs not only your talent, but also your insight, your courage, and your compassion. With those qualities and with the education you complete today, you have the opportunity to chart a new course. I hope you seize that opportunity.

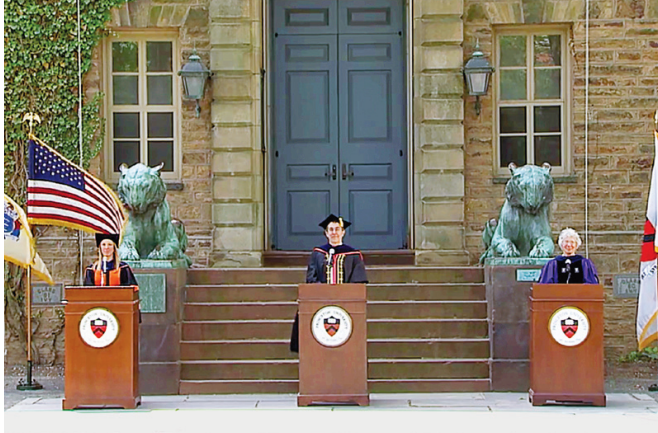
For today, though, I hope simply that you celebrate as exuberantly as circumstances allow. You have persisted in tough times, achieving something remarkable. I send heartfelt best wishes to you now, and I look forward to congratulating you in person next spring.



2020 Virtual Commencement

Sunday, May 31, 2020, 1 p.m. ET

#Princeton20



Scenes from virtual Commencement: Dean of the Graduate School Sarah-Jane Leslie '07, President Christopher L. Eisgruber '83, and Dean of the College Jill Dolan; President Eisgruber; Grace Sommers '20, salutatorian; Nicholas Johnson '20, valedictorian; Maria Ressa '86, journalist, spoke from the Philippines; Professor Tracy K. Smith read one of her poems; Class of 2020 singers performed "Old Nassau"; Ananya Mittal '20 celebrated with family in New Delhi.

Inbox

Editor's note: In addition to the following letter, more dispatches submitted by PAW readers can be read at paw.princeton.edu.

FRONT-LINE DISPATCH

I saw your series, "Dispatches From a Pandemic" (May 13), and wanted to contribute this brief piece written during a particularly challenging week in April at Massachusetts General Hospital:

This week, I spent my days with patients who wouldn't wake up. We patted. We prodded. We rubbed. We yelled. "Can you hear me?" Their lungs survived COVID's rampage. Their ventilators weaned low, their sedation finally shut off. Their minds, however, failed to reignite. It would take weeks to know if they ever would. Until then, we'd see squints or grimaces. They're fleeting. We later see nothing.

This week, I spent my afternoons in devastation. Informing sheltered-away families about their lonely loved one's day. Most weren't getting better, or worse. They lived in a limbo of sustained slumber, able to breathe but not able to protect their windpipe. Explaining "Trach & PEG" by phone was a daily linguistic and emotional challenge I never want again. One patient's sister asked, "Is he suffering?" I didn't know how to answer.

This weekend, I await the parade of Zoom. One silver lining of COVID has been renewed connection with distant family and friends. They'll ask how I am. I'll deflect. I won't tell about the nightmares, where I'm on the receiving end of those afternoon calls, being updated

on them. The thought too grave for my imagination to bear. I wake up, sweating.

Vinayak Venkataraman '11, M.D.
Cambridge, Mass.

WELCOME, 2020!

An open letter to the Class of 2020:

You will spend much more of your life as a Princeton alumnus/a than as a student. What makes Princeton unique and amazing is the community of alumni throughout the world. You've heard a lot about us and seen us be crazy when we return to campus for Reunions and Alumni Day.

It normally hits you as your class closes out the P-rade and walks onto Poe Field to be welcomed, with sincere joy, by thousands of cheering fellow alums. You feel instantly as though you belong to this vast community of people with whom you have an automatic commonality of being a fellow Tiger.

While there will be no P-rade this year, no locomotives for you to hear and feel, please know and believe that you are one of us — we welcome you into our ranks. No matter where you go, seek out your fellow Princetonians, young and old. I promise you will be received with open hearts.

Please stay connected to your roots and to this great institution! Congratulations!

Laura M. Erdman '93
Lutherville, Md.

INSPIRED BY SERVICE

Anthony Romero '87's Alumni Day address (reprinted in PAW's April 8 issue) brought tears of pride to my eyes.

In his life and words resides a shining example of the Princeton alumnus who has lived up to Woodrow Wilson's creed of "Princeton in the Nation's Service," and to the added concept of services to all humanity.

As we try to survive the current COVID-19 pandemic, those of us fortunate to serve others have a prime opportunity to do so. I hope, even at my advanced age, to do a better job of sharing what I have, including the benefits of my Princeton education, with those less fortunate here in the epicenter of the virus outbreak, New York City. We need not only to share our financial resources but also our very homes with those who have wound up sleeping in the streets through no fault of their own ... to support development of affordable housing ... to do what is necessary to bring back an economy that offers jobs with a future.

Thanks, Anthony, for being a beacon for the rest of us to follow.

Lewis Miller '49
New York, N.Y.

BENEFITS OF GIVING

I read "Reckoning With Wealth" in the March 4 issue of PAW and can only admire Kate Poole '09's commitment to putting her inherited wealth to charitable use. I also read Gaetano Cipriano '78's letter addressing Ms. Poole's activities (Inbox, April 22) and, while I likewise admire Mr. Cipriano's drive and persistence in "amassing a nine-figure net worth" through his own hard work, I'm shocked by the tone of his letter.

Reasonable people could diverge from Ms. Poole's conclusion that inherited wealth should be spent for charitable ends rather than personal or familial ones. That is, and properly should be, the individual's call to make. But feelings of guilt or simple ambivalence about inheriting great wealth that one did nothing personally to earn (Ms. Poole's point) are an important driver of charitable largesse in our society, right up there with tax inducements, and charitable causes would be much the poorer without such motivation. And notably, in many cases charitable donations have the effect of lessening the burdens of government by

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helping to fund necessary services that would otherwise fall to governments — and hence taxpayers — to provide out of their own resources.

Since Mr. Cipriano's description of his net worth suggests that he's in a very high tax bracket, one would think he'd appreciate decisions like Ms. Poole's to help lessen some of his potential tax burdens. But instead of welcoming such philanthropy, he vilifies Ms. Poole and the other charitable donors cited in the March 4 article with epithets like "spoiled brats" and "pathetic crybabies." One can only wonder what life did to Mr. Cipriano to generate such wild invective against persons who have not only done him no harm but may, in fact, be benefiting him.

Matthew D. Shapiro '76
Wilmette, Ill.

MORE THAN 'MISCONDUCT'

Bravo to Kate McGunagle '14 for her courageous account of being drugged and raped while studying abroad ("Far From Home, An Assault," April 22). The University response from Michele Minter suggests that the vice provost for institutional equity and diversity either has a tin ear or — and I don't want to assume this — intended to minimize Ms. McGunagle's experience. While the phrase "sexual misconduct" occurs five times in her four-paragraph response, the word "assault" appears only once, in the name of a hotline, and the word "rape" not at all.

David Dollenmayer '66 *77
Hopkinton, Mass.

ADMISSION DATA

Regarding the "racially and ethnically diverse group" of admits to the Class of 2024, 61 percent of whom, according to Dean of Admission Karen Richardson '93, self-identified as "people of color," I was reminded of Martin Luther King Jr.'s 1963 dream "that [his] four little children will one day live in a nation where they will not be judged by the color of their skin but by the content of their character." Dean Richardson and her admissions staff apparently didn't get King's message.

Steven Duback '66
Milwaukee, Wis.

FROM THE EDITOR

A Virtual Farewell

Princeton students have a large role in producing PAW: writing articles and briefs, assisting with research, helping our advertising director, and posting Class Notes and memorials. They keep us up to date on what undergraduates are thinking.

Normally we'd send our seniors off into the real world with cake, gratitude, and good wishes. This year we can only express our congratulations in these pages.

Thank you to Jessica Schreiber, Peter Schmidt, and Alden Hunt, all '20, whose PAW assignments included contributing items for our email newsletters, covering alumni authors, and writing short pieces about Princeton history. They didn't stop there. Jessica wrote an installment of "PAW Goes to the Movies" (bit.ly/paw-movies). Alden did a feature story about curators at the Princeton University Art Museum (bit.ly/art-curators). And Peter contributed an essay about a class trip to Bears Ears National Monument in Utah (bit.ly/bears-ears-essay). A fourth student, Benjamin Musoke-Lubega '20, regularly assisted on digital projects.

They all left campus early, but with dreams and goals intact. Benjamin and Alden were headed to jobs as software engineers. Jessica was looking forward to her Project 55 fellowship — slightly delayed — with a nonprofit in New York City. Peter wants to work in the field of environmental justice and renewable energy — and to publish his senior thesis as a novel.



Samuels '19

Another virtual locomotive goes to a former PAW student contributor, Iris Samuels '19, who wrote an essay in our January issue about working as a reporter in Kodiak, Alaska. This month Iris began an 18-month position as a statehouse reporter for the Associated Press in Helena, Montana, as a corps member of the nonprofit Report for America. Of 1,800 applicants for the corps, 225 were chosen.

I write this on Reunions weekend, when my attention has veered between two screens: my computer, offering up a stream of festivities and panels celebrating Princeton and its alumni, and my television, showing the agony sparked by the death of yet another black man at the hands of police. Meanwhile, the pandemic rages on: Our P-rade takes place on Zoom; protesters in Minneapolis, Atlanta, and Washington wear surgical masks. One moment brings joy, silliness, and pride; the next, grief and despair.

Normally, we'd simply tell our graduates: Congratulations! You make us proud! This year, we also tell them: We need you. Repair our world.

This is our final print issue of the academic year, but we'll continue to bring you news of Princeton and its alumni through the summer at paw.princeton.edu. Wishing you health and resilience during the summer months and beyond. — Marilyn H. Marks *86

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Inbox

COVID FUNDING

President Eisgruber '83 is to be applauded for Princeton's principled declining of federal funds during the COVID crisis. With our large endowment it is only right that these limited emergency funds should go elsewhere. Call it noblesse oblige if you want, but his action made me proud to be a Princetonian.

Henry Lerner '71

Newton, Mass.

A FAVORITE TREE

When I made the long trip to Princeton in the fall of 1969 from the San Francisco Bay Area, I felt very out of place as a Californian and a woman. I was thrilled to find a small redwood tree near Prospect. It was my one link to home, and I made a point of walking there every day to and from my room in Pyne Hall. I was distraught when it subsequently lost its needles and was evidently dying — to be followed by new needles in the spring. Who knew there was a deciduous redwood?

When I visited Princeton for She Roars in the fall of 2018, I stopped by to see my redwood. It continues to thrive. Although there are many beautiful trees at Princeton, including those magnolias in Pyne Courtyard, and the dawn redwood is a very common tree outside of California, this one will always be special.

Alison Amonette '73

San Francisco, Calif.

Editor's note: Nancy Cosentino w'56 also answered PAW's April 8 call for stories about campus trees, highlighting a weeping beech near Blair Arch.

ENDORISING BEAUTY

It is a puzzling but pleasing paradox that Don Michael Randel '62 *67's criticism of Professor Peter Singer (Inbox, April 8) is clearly but the same song sung by Professor Singer but in a different key — they each represent the same school, figuratively and literally.

Singer posits that no "museum should purchase a \$100 million work of art when that money could restore sight to 2 million people by funding their cataract surgery" (Life of the Mind, March 4). In turn, Randel supports museum spending in appreciation of "the beauty in art and

nature" and the creation of "beautiful things." Each, respectively, is supporting beauty and what is beautiful. Singer endorses the beauty of charity. Randel endorses the beauty of fine art.

These two good people are endorsing the same theme, but from varied points of view. The theme is beauty. Each echoes the wisdom of the English Romantic poet John Keats, who blessed us all with the recognition that "beauty is truth, truth beauty — that is all/ Ye know on earth, and all ye need to know." Amen.

Rocky Semmes '79

Alexandria, Va.

LEARNING TO LEARN

I had to laugh out loud with a tear in my eye (thank you for that in these difficult times) when I read Anthony Zee '66's tribute to his professor and colleague Pierre Piroué (Inbox, May 13). He said that after solving the professor's problem inspired by a broken piece of chalk, "during the intervening decades I have had absolutely no reason to calculate that particular cross section and have totally forgotten how to do it."

Oh, all of the stuff that we learned that is in that category: useless ... except it wasn't. I practice but also teach as an adjunct at a local engineering university, and I tell my students that much of what I learned decades ago is outdated and irrelevant — but you know what? We learned how to learn, and that is a life-long, never-ending, always-changing, extremely important process and product.

I'm thankful for that. Thank you, Princeton, and thank you, Anthony, for the heart-healthy laugh.

Brooks Washburn '75

Potsdam, N.Y.

PRINCETON INN COLLEGE

Great to see Belinda Schuster s'77's letter about advising at Princeton Inn College (Inbox, April 8). I remember Belinda as I was a sophomore during the first year PIC was open for students. A great experience. Bert Sonnenfeld '58 was a brilliant master and coach, and the three years I lived there will be in my memories always.

Robert Klatskin '73

New Haven, Conn.



PRINCETON VARSITY CLUB

Congratulations to the Great Class of 2020



C. OTTO VON KIENBUSCH AWARD
Bella Alarie '20 • Basketball



WILLIAM WINSTON ROPER TROPHY
Matthew Kolodzik '21 • Wrestling



WILLIAM WINSTON ROPER TROPHY
Michael Sowers '20 • Lacrosse



ART LANE '34 AWARD
Grace Baylis '20 • Field Hockey



ART LANE '34 AWARD
Chris Davis '20 • Baseball



CLASS OF 1916 CUP
Hadley Wilhoite '20 • Track & Field



CLASS OF '67 PVC CITIZEN-ATHLETE AWARD
Wyc Grousbeck '83 • Lightweight Rowing



MARVIN BRESSLER AWARD
Dr. Stan Katz • Athletic Fellow, Football

PRINCETON ATHLETICS CLASS OF 2020

- 43 League Championships
 - 28 All-Americans
 - 199 Academic Honors
 - 4,400+ Service Hours
- THANK YOU TIGERS!**

The above awards were presented as part of the 2020 Gary Walters '67 PVC Awards Banquet, which honors varsity student-athletes, alumni and supporters of Princeton Athletics. To learn more about the 2020 award recipients or the Princeton Varsity Club, please visit www.PrincetonVarsityClub.org. [Photo credits: Princeton Department of Athletics, Boston Celtics, Stan Katz]



YOUR ALUMNI ASSOCIATION

Awards for *Service to Princeton*

THE ALUMNI COUNCIL AWARD for Service to Princeton recognizes outstanding service contributions to Princeton by any member of the Princeton family, with special emphasis on those who serve significantly, but inconspicuously.

The recipients of the 2020 Awards for Service to Princeton are **Alfred L. Bush**; **Carol A. Obertubbesing '73 W71**; **Sue Pierson h67 h74 h81 h83 h87 h88 h93**; and **Bambi Tsui '09**.

Jason Gold '81, chair of the Committee on Awards for Service to Princeton, read all of the citations at the Annual Meeting of the Alumni Council that was held virtually on Friday, May 29. Each recipient then accepted the award and offered thanks via Zoom.

CALL FOR NOMINATIONS

Nominations for recipients of the Alumni Association's Award for Service to Princeton and recommendations for Alumni Trustee candidates all come from the alumni body at large. We welcome your participation.

To submit nominations for the Award for Service to Princeton, visit alumni.princeton.edu/volunteer/awards or send a brief letter of support to Livia Wong McCarthy h74 h86 hA4P, director of Alumni Council operations, at lmccarthy@princeton.edu or to Alumni Engagement, 73 Nassau Street, Princeton NJ 08542.

To submit recommendations for Alumni Trustee, visit alumni.princeton.edu/volunteer/committees/ctnat or send a brief letter of support to Margaret Miller '80, deputy vice president for volunteer engagement, at mmmiller@princeton.edu or to Volunteer Engagement, 100 Overlook Center, Suite 300, Princeton NJ 08540.

Alfred L. Bush

On Alfred Bush's retirement in 2003, after 40 years as Princeton University Library's curator of the Princeton Collections of Western Americana, his colleagues affectionately dubbed him "the western man who appeared in the eastern parlor and left a trail through the archives."



Yet that was only one of the trails that Alfred walked. As advocate and adviser, he has also accompanied generations of Native American students as they made their way through Princeton.

When incoming students found the gulf between English and their language formidable, Alfred organized tutors. When students wanted to attend important tribal ceremonies back on their reservations, Alfred instituted a special fund to underwrite travel expenses.

Countless Native American alumni from the 1970s to now, many of whom returned home to become leaders in their nations, attest that he made Princeton a more familiar place. He is still a coach and mentor, "who has never stopped all these years... a true *sachem*," chief, who, by enriching the lives of Native Americans at Princeton, has enriched the life of the University.

Carol A. Obertubbesing '73 W71

Carol Obertubbesing's colleagues in the Leadership Group of the Princeton Club of Chicago speak with one accord: Carol is the most dedicated of Tigers. Since joining the club in 1993, she has served in almost every role possible, from her first stint as Programs Chair through Vice President and President and, since 2003, as VP Communications.



She attends every meeting (even if it has to be by phone from South America), has volunteered for a host of committees, and she herself frequently serves as host for club events. Club members marvel not only at what Carol has done, but also how she has done it: with genuine warmth and a personal touch.

Featured in the September 2019 *Alumni Weekly* as one of the first undergraduate women to arrive on campus in the fall of 1969, Carol wrote, "Princeton — its spirit of place and its people — has left an indelible mark on my life." In return, Carol's Tiger spirit has left an indelible mark on the life of Princeton and a multitude of Princetonians.

Sue Pierson h67 h74 h81 h83 h87 h88 h93

In 1986 Sue Pierson became Executive Dietitian at the Meadow Lakes Retirement Community, where she got her first introduction to Princeton alumni. Many of the residents regaled her with stories of their time as students, and she loved their festive class finery. “Costumes!” she thought.

“Princeton must be a great place. I’d like to work there.”

In 1987 she came to Princeton as University Dietitian to administer the nutrition program for all members of the University community. She knew she had found her home.

Over the past 33 years, as she rose through the ranks to become Director of Residential Dining, Sue has touched the lives of nearly 50,000 students before they became alumni and untold thousands more who graduated before 1988 but have come back for Reunions. These have been her family.

Sue has overseen her Princeton home with grace and goodwill, and made every meal feel like a dinner party. And she has never taken credit, but gives all applause to her teams. It is now our turn to applaud Sue.



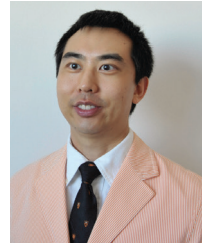
Bambi Tsui '09

Shortly after graduating with a degree in chemical engineering, Bambi Tsui received an email describing ways to give back to the University and its community. Bambi’s choice for an “alumni engagement opportunity” was the Princetoniana Committee.

Bambi got to work on upgrading the pBay weekly newsletter. Soon, he had built a curation program to scour eBay and other sites where Princeton-related items appear. His finds are a boon to the Archives. And his weekly reports are must reading for 150 avid Tiger subscribers.

He then worked with Tom Swift '76 to make the virtual Princetoniana Museum a reality. Not only did Bambi create the technical infrastructure, he also contributed to style and aesthetics. The museum features over 3,500 artifacts and will continue expand.

Over the past ten years Bambi has spent countless hours between both projects. Through his affection for and dedication to Princeton, he has made it possible for different generations – whether alumni or not – to learn more about and increase their own interest in and engagement with the University.



These are excerpts from the full citations. Read the full texts at alumni.princeton.edu/volunteer/awards/servicetoprinceton/

Princeton alumni *serving Princeton alumni*

THROUGHOUT THE YEAR, both on campus and off, Princeton alumni serve each other, the Alumni Association, and the University in numerous ways that help support and strengthen the Princeton community. On May 29, the Alumni Council announced the election results for the new University trustees and honored four alumni with the prestigious Alumni Council Award for Service to Princeton.

The alumni elected to serve as University trustees from July 1, 2020, through June 30, 2024, are:



Melissa H. Wu '99
Melrose, Massachusetts
Region I Alumni Trustee



Janeria A. Easley *16
Decatur, Georgia
Recent Graduate School
Alumni Trustee



Jackson A. Artis '20
Plainfield, New Jersey
Young Alumni Trustee

There are many ways to stay connected to Princeton through volunteer work.
To learn more, contact Alumni Engagement at **609.258.1900** or visit alumni.princeton.edu.



DEAR FELLOW ALUMNI



Photo by Tori Repp/FotoBuddy

Rich Holland '96

While there is no substitute for enjoying each other's camaraderie on campus at Reunions, this year's Reunions Online was a most joyous and much-needed celebration of our amazing alumni community.

Much like Reunions of years past, the weekend was full of both spontaneous alumni gatherings

and inspiring formal programming. Alumni connected online to celebrate their shared classes, regions, affiliated groups, eating clubs, athletic teams, and so much more. And we enjoyed Alumni-Faculty Forums, a live address by President Eisgruber, and, of course, the virtual P-Rade.

Highlights for me included singing along with the Glee Club's beautiful rendition of Old Nassau and watching President Eisgruber present Joe Schein '37 with the 1923 Cane for the fifth year in a row. Not a dry eye could have made it through Joe's remarks.

To the Great Class of 2020, we welcome you with open arms into the most wonderful alumni body on this planet. Congratulations, and please don't be a stranger — you are now part of the family.

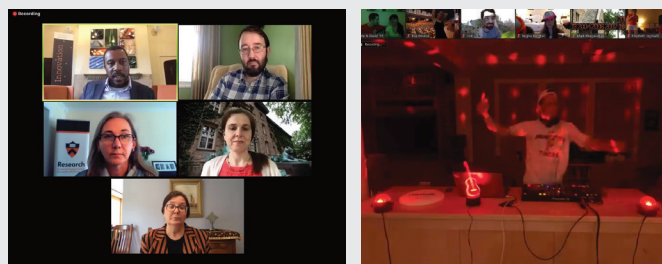
On behalf of the Alumni Council, I would like to thank all alumni for embracing Reunions Online so genuinely. During this Reunions season, when you'd like to be on campus more than ever, we are most hopeful that you feel as if

Princeton is where you are!

Rich

Richard J. Holland '96

President, Alumni Association of Princeton University
Chair, Alumni Council
rholland@alumni.princeton.edu



FROM TOP: The start of the P-rade!

During the Meeting of the Alumni Council, President Christopher L. Eisgruber '83 presented the coveted Class of 1923 Cane to the oldest living alumnus to return to Reunions.

Joining by Zoom, Joe Schein '37 accepted the Cane from President Eisgruber.

Grand Marshal Heather Butts '94 led the start of the P-rade.

Panelists discuss China and the World at an Alumni-Faculty Forum.

Alumni participated in the Tiger Entrepreneurs Conference, held during Reunions.

Alumni and student DJs entertained Reunioners during the Friday and Saturday night virtual Tent Parties.

Arranged and conducted by Gabriel Crouch h14, director of choral activities, the Glee Club prepared a beautiful rendition of "Old Nassau" for the Alumni Council meeting.

PRINCETON IS WHERE YOU ARE.

On the Campus



In 2018, the University planted this garden between Firestone Library and Nassau Street to honor Betsey Stockton, a prominent African American missionary and educator in the 19th century and former slave of University president Ashbel Green. The grasses and flowering plants serve as a green roof for the library's B and C floors. *Photograph by Ricardo Barros*



See more photos submitted by graduates at paw.princeton.edu



Global Commencement

Virtual ceremony sends 2020 graduates into the world, wherever they may be

Although it was 1 a.m. in Malaysia when the Commencement ceremony went online, Jason Wee '20 tuned in live. His parents joined him in the early hours of the morning to watch as Wee officially became a Princeton graduate. "I can't compare it to anything else," Wee said, unsure if this ceremony brought the closure he and many others were looking for.

The Class of 2020's unusual final semester at Princeton culminated May 31 with the University's first-ever virtual Commencement. While the pre-recorded video send-off included the usual speeches and well-wishes for the graduates, it lacked the excitement, cheers, and sense of community that could only be achieved with an in-person event.

The tumult plaguing the world — from the continued threat of COVID-19 to the protests in various cities in response to the death of George Floyd — provided an inescapable backdrop. Although the Commencement video was put together in advance, a statement from President Eisgruber '83 was added to the start of the event to acknowledge Floyd's death.

"We all have a responsibility to stand up against racism, wherever and whenever we encounter it," Eisgruber wrote. "Commitments to diversity, inclusivity, and human rights are fundamental to the mission of Princeton University. I ask all of us to join the graduates in the Class of 2020 in their quest to form a better society, one that confronts racism honestly and strives relentlessly for equality and justice."

The messages from the various Commencement speakers called on seniors to go out and change the world. Eisgruber's address, titled "Touched by Tragedy," encouraged graduates to "be the start of something truly extraordinary, to appreciate anew the value of ordinary human experience, and to cooperate afresh for the common good." Journalist Maria Ressa '86, the Baccalaureate speaker, noted that the class has "a freer hand to imagine and create the world as it should be — more compassionate, more equal, more sustainable." She asked graduates to embrace their fear "so that you rob it of its power." (Ressa knows all about embracing fear — she has been arrested

several times by the Duterte government in the Philippines.) Nicholas Johnson '20, the University's first black valedictorian, called on his peers to "rise to the occasion to make transformative strides in advancing solutions to the world's most pressing problems." Salutatorian Grace Sommers also addressed the class, speaking in Latin with English subtitles.

In her remarks at the virtual hooding ceremony May 29, Sarah-Jane Leslie '07, dean of the Graduate School, said that the 2020 master's degree and Ph.D. recipients "completed their degrees under extraordinarily difficult circumstances, so their achievements are worthy of special recognition." The event concluded with a stream of thank-you notes from the graduates honoring advisers, friends, and family members.

A total of 492 students earned Ph.D. and master's degrees, and 1,250 students earned bachelor's degrees. Princeton's Army ROTC battalion commissioned eight graduates as second lieutenants June 2; the Navy ROTC program held a separate commissioning ceremony for the first time since its return to campus in 2014, honoring three Navy ensigns and one Marine second lieutenant.

Departmental and Class Day virtual ceremonies were also held for graduates, from May 28 through June 2. Many featured keynote addresses and recognized students who earned departmental awards, but some suffered

Courtesy Alia Wood '20; courtesy Sierra Castadena '20; Elie Svoll '22; courtesy Alden Hunt '20; courtesy Paulo Frazao '20; courtesy Sneha Iyer '20



Photos, from left, Alia Wood '20 (in 2020 sweater), with her family; Sierra Castadena '20; Irene Hsu '20, left, and Marisela Neff '20; Alden Hunt '20, with parents Jennifer '92 and Graham '92; Paulo Frazao '20; and sisters Preeti Iyer '20, left, and Sneha Iyer '20

from technical hiccups. Thelma Golden, director and chief curator of the Studio Museum in Harlem, spoke about her grief and anger in reaction to Floyd's death for the ceremony of the Lewis Center for the Arts. Golden urged the graduates to use their gifts to create works that share their vision with a world in need of love and healing. "You have been trained for this moment," she said.

While students made the best of the situation, the celebrations were a far cry from what they had imagined their final days as Princeton students would be. Grace Baylis '20 celebrated on Long Island, New York, where she is staying with Kierra Laube '20. Originally from London, Baylis said she was sad to be unable to share this moment with her parents. "In some ways, it's harder to just say goodbye and move on to the next stage of your life so abruptly," Baylis said.

Winfred Darko '20, who streamed the ceremony in the Bronx, New York, had similar feelings. Graduating from college was something he looked forward to for most of his life and a joy he had hoped to share with his family. Although he has earned his degree, Darko said it won't feel like a true celebration until the in-person ceremony, which will be held in May 2021. "I'm waiting for next year," he said. ♦ By C.S.



READ about the five 2020 honorary-degree recipients at paw.princeton.edu

NICHOLAS JOHNSON '20

Princeton's First Black Valedictorian



Nicholas Johnson '20

When Nicholas Johnson '20 discovered he'd been named valedictorian for the Class of 2020, he also found out he had made history: Johnson, an operations research and financial engineering concentrator from Canada, is the first black valedictorian in the University's 274-year history. "It's extremely overwhelming and a lot to take in, but also very empowering at the same time," Johnson said in an interview for the PAWcast.

As word got out, Johnson's achievement was all over the news and shared across social media. It even got the attention of some big-name personalities, including Oprah Winfrey and fellow Tiger Michelle Obama '85. "It feels great to have that kind of support from such significant figures, people who have done so much for the world and left such a positive impact," Johnson said. "Particularly when Michelle Obama retweeted my message, that really just made my day."

Johnson spoke with PAW about his historic achievement, his plans for making an impact on the world, and graduating during the COVID-19 pandemic. ♦

[Listen to the interview at paw.princeton.edu/podcasts](http://paw.princeton.edu/podcasts)

PRINCETON REVIEWS TITLE IX RULES

Princeton will review **NEW FEDERAL REGULATIONS** on sexual misconduct in education to determine how to implement them "in a way that best preserves our current system's fairness, thoroughness, and sensitivity to the needs of all parties and witnesses," according to Michele Minter, the University's vice provost for institutional equity and diversity.

The 2,000-page document from the Department of Education's Office for Civil Rights, announced by Secretary of Education Betsy DeVos last month, contains rules that go into effect in August, including narrowing the definition of sexual harassment to "unwelcome conduct that is so severe, pervasive, and objectively offensive" that victims are denied equal access to education. It also limits the complaints schools are obligated to investigate and states that colleges must hold live hearings so the accuser and accused can be cross-examined.

Princeton Students for Title IX Reform (PIXR), which has previously protested the University's enforcement of Title IX on campus, said the new regulations are disappointing. "[O]ur general reaction was we were truly frightened because we know that all that we have been fighting for during the protests, in many ways [the regulations] took us multiple steps back," said Aisha Tahir '21, a member of PIXR. The group wrote an op-ed in *The Daily Princetonian* about their concerns with the new regulations and recommendations to the University.

Tahir said the group hopes to work with the University to change the culture on campus outside of these specific regulations. "I think that we recognize that the University has to comply with certain federal regulations, but we really hope that what comes out of this is Princeton recognizes even more the importance of increasing its investments in preventing violence and supporting survivors outside of Title IX," Tahir said. ♦ By C.S.



Q&A: KAREN RICHARDSON '93

Virtual Admissions

With in-person visits on hold, Princeton greets applicants online

Dean of Admission Karen Richardson '93's office, like most at the University, has been doing its work in a largely digital environment, engaging with admitted students and potential applicants through videoconferences and virtual information sessions. Current students are fielding questions from applicants as well, and videos are available for those who can't participate in the live sessions. "We're doing our best to provide as much as we would here, if people could actually come to campus," says Richardson, who returned to Princeton last July after serving as admissions dean

at Tufts University. She spoke with PAW about the current admission landscape and what she looks for when assembling a class.

In what ways did the admission office have to adapt, in the wake of COVID-19, to complete the admission cycle for the Class of 2024?

Luckily we had finished our committee meetings by the time we needed to leave Morrison Hall, so the class had been selected at that point. The biggest change was that without being able to have visitors to campus, we needed to figure out how we could bring Princeton

to this group of admitted students and have a virtual experience. Princeton Preview is what we would normally do: two different days where students can come and spend 24 to 36 hours learning about our faculty, student groups, and what it's like to live on campus. We needed to shift very quickly and do all of that online. So that was the biggest shift, and honestly I'm quite proud of the team because they did an amazing job with it — not just our staff but the current students they worked with to bring Princeton to life through a computer screen.

As we look forward, we need to be thinking about how we recruit the Class of 2025, if it's still going to be difficult to get into high schools or if it's going to be difficult to be on planes and trains and everything else. I'm thankful that we had this spring to have everyone get really comfortable with this virtual experience, because I think we're going to see a lot of that in the fall.

Standardized testing may be a challenge in the coming year. How are you adjusting the way that you'll include standardized tests in your evaluations?

We're keeping a very close eye on everything that's happening with the College Board and the ACT. Both of the testing agencies are increasing the number of opportunities for students to take the tests. It's still a bit up in the air about what form the tests will take in the fall. We still believe that testing is an important part of the evaluation that we do. The challenge is that sometimes people think that testing is about weeding people out of the process. It's just one part of the holistic process that we look at for an individual student.

"I'm thankful that we had this spring to have everyone get really comfortable with this virtual experience, because I think we're going to see a lot of that in the fall."

— Karen Richardson '93, dean of admission

Our goal is always to ensure that the students whom we admit can feel like they can thrive here academically. Because we have students who come from thousands of different high schools that have different grading policies, the standardized testing, in context — looking at a student's background, looking at the high school averages, looking at whether or not they might have had access to test prep — is an indicator, for us, of whether the student will be able to come here and really feel like they can succeed.

High unemployment seems likely to increase the demand for financial aid. What message are you sending to incoming students and to applicants about the availability of aid?

We're obviously very lucky to be in a place where we have, I think, the best aid program in the country. We're going to meet the need that students have. It's been especially important to work with our incoming students because a lot of their families unfortunately are seeing changes in their finances. But we're trying to remind students that if you're admitted here and you decide that you would like to attend Princeton, we want to ensure that you have the finances to be able to do that.

For the incoming class, have you seen an increase in deferral requests?

[As of mid-May] I can honestly say that we haven't seen a huge uptick. I think that some of that will depend on what plans are for the fall. We have changed our deadline: In normal years, students would let us know by about May 10 whether or not they would request a gap year; our deadline for that is now July 15. I suspect as things continue to move along we will see more requests for deferral, but at this point we're not beyond where we would be in a normal year.

How do you approach assembling a class? What are you hoping to accomplish?

We're looking to bring together a class that's going to be interesting and dynamic and diverse in a lot of different ways; that's going to come together and really

"We're looking to bring together a class that's going to be interesting and dynamic and diverse in a lot of different ways."

— Karen Richardson '93

contribute to what we hope are respectful conversations — tough conversations sometimes. But they're also going to learn from other people and take what they learn here and then turn it around and really do some good in the world.

One of the many reasons I was excited to come back here is because of the University's definition of merit: this idea that it's about, "What are you going to do with the education that you get here?" So we're looking not just at the grades and the test scores and the rigor of the curriculum, but we're also looking to see who is the student, what's important to them, and what will they contribute to the dynamic community that is Princeton?

A frequent critique from PAW readers has been that the news about an admitted class does not include the sort of academic statistics that one might have once read — the number of valedictorians, the number of students with perfect SAT scores. What academic data do you think best illustrates the quality of a Princeton class?

Trying to list the number of valedictorians and perfect SAT scores doesn't tell you as much about a class and about how this group of students is coming together. The flip side of reporting all of that is that you've got a lot of valedictorians, and you could fill the class with only valedictorians and only students with perfect test scores, but I don't think that tells you everything about who a student will be when they come to this campus. I think it's not just about those quantitative pieces. It's the reason that we ask for more than just grades and test scores. It's the reason that we ask our students to fill out a supplement and write essays and provide us with teacher recommendations and

offer them the opportunity to have an interview. We're trying to dig a little bit deeper.

Princeton has now had three years of transfer admissions. Is that program meeting its goal of attracting students from diverse backgrounds and experiences?

I believe it is, yes. We're thrilled this year, for the first time, to have two students from Mercer County Community College who were admitted and who plan to attend. So the fact that we were able to attract and admit students from right here in this county is a huge boon for the University. The admits from the transfer program this year are mostly community-college students. We're seeing a number of veterans who have been admitted through the transfer process. We have been very pleased with the outcomes.

You've been back at Princeton for nearly a year. What stands out when you compare Princeton today to the Princeton that you knew as a student?

Well, the physical landscape has changed. The building I lived in as a first-year and a sophomore doesn't even exist anymore. I lived in Butler College. But I think the thing that is the same is the focus on undergraduates and this intense support that exists for students who come here — everything from advising in your first year to independent work starting in junior year to the senior thesis. It's a unique experience, I think, for there to be so much attention paid to undergraduates and knowing that the faculty and staff that are here are here because they want to work with you as an undergraduate.

I think there are a lot more supports for students. The residential colleges continue to do a great job in supporting students academically and socially. And I think that there is a lot more collaboration across different departments here on campus that allows for the support for all students who are coming from different high schools and different backgrounds and for whom Princeton can be a shock to the system. ♦

Interview conducted and condensed by B.T.



Orange footprints at Whitman College serve as a reminder of social distancing.

Looking Ahead

As the University plans for a new academic year, students weigh their options

What happens next? That was the question on the minds of many Princeton students as the tumultuous spring semester came to a close.

President Eisgruber '83 wrote candidly about the unknowns in a May 4 email to the University community. "To plan successfully in the face of so much uncertainty, we will have to be steadfastly faithful to Princeton's teaching and research mission; firmly committed to protecting the health and safety of our community; and ready to respond to new information as it becomes available," Eisgruber wrote.

He noted the complexity of issues facing the University in the summer and fall as a result of COVID-19. These included what to do about the roughly 380 undergraduates who were granted permission to stay on campus in March for various reasons, including those facing financial and housing insecurity, as well as what will happen with the fall semester. The latter is likely the largest

looming question, and the subject of national debate.

An April 23 email from Dean of the College Jill Dolan and Vice President for Campus Life Rochelle Calhoun spelled out the details for those in need of emergency summer shelter. To be eligible for summer housing, students had to be receiving financial aid from the University and had to be enrolled. Eighty undergraduates were approved. The summer shelter was available from May 23 to August 22 and cost most students \$1,500 for housing and \$800 for meals. The email noted that students could work with the financial aid office to apply for loans if needed.

Several universities announced their plans for the fall semester in May, with some opting to continue virtual learning in the fall and others deciding to hold classes in person but alter their schedules to end the semester by Thanksgiving to limit the potential spread of COVID from students traveling between campus and their homes. Princeton said it would

decide in early July whether and how to open the campus.

Making that decision boils down to four key priorities, Provost Debbie Prentice noted in an email. These include "ensuring the health and well-being of our students, faculty, and staff; restoring our teaching and research activities to normal operations, safely but as soon as possible; sustaining our commitments to access and affordability; and retaining and supporting our talented workforce," she wrote. A committee was formed to weigh all the options, including public-health guidance and the availability of testing — both of which will help inform the University's next steps.

One thing is certain: The fall semester will begin on schedule whether in-person or online, according to Eisgruber's May email. Faculty members have been asked to prepare their courses as if the semester will be virtual. For the incoming Class of 2024, small-group orientation experiences such as Outdoor Action and Community Action will be virtual.

Dean for Research Pablo Debenedetti and Graduate School Dean Sarah-Jane Leslie '07 noted in email messages that the decision to resume on-campus research and graduate study would be made separately from the undergraduate plans. On June 2, Debenedetti shared details for a phased resumption of research, asking researchers to develop plans for social distancing and other health practices in the labs. Graduate programs are expected to restart by fall.

While the University is in the process of deciding, undergraduate students are also weighing their options. In a survey administered by the Undergraduate Student Government, 63.4 percent — 1,308 students — reported they would "seriously consider" taking a leave of absence or gap year if the semester is virtual. "Overall, students reported that their learning experience was significantly impacted in a negative way this semester, and strongly expressed their desire to return to on-campus activities in the fall," the USG's survey summary said.

The question of taking a gap year also came up during the Council of the Princeton University Community (CPUC) meeting in May. Dolan cautioned those considering the idea

that the University could not guarantee students would be able to return in one year. University spokesman Michael Hotchkiss elaborated on the University's policy in a statement to PAW: "Should an unusual number of students take a leave due to the COVID-19 crisis, we may experience housing and enrollment constraints in subsequent semesters (and years) which could impact the timing of your return to Princeton. To be clear, you may not be able to be reinstated in your preferred semester, and you may have to wait longer than you would have hoped." He noted that the same applies to incoming students who defer their

acceptance at the University. Requests to defer were due in mid-July.

While it is appealing for some students to wait for COVID-19 to pass before resuming studies, for others, the talk of taking a break is a nonstarter, said Anna Macknick '21. "I think something that's left out of that conversation is the fact that privilege really does factor into whether or not you can make that choice," Macknick said. "I basically can't even consider it because my health insurance is contingent on me being a student. If I took a gap year I wouldn't have funding for food or housing or health insurance." ♦ By C.S.

IN SHORT

Princeton's sociology department announced it would not accept GRADUATE SCHOOL APPLICATIONS during the 2021 admissions cycle and extended guaranteed funding for current graduate students. As of June 2, the department was the only graduate program to announce admission changes in response to COVID-19. University spokesman Ben Chang told *The Daily Princetonian* that "many other departments may be accepting fewer applicants than usual" in the coming year.

According to an announcement on the sociology department's website, the decisions were made "to ensure that the department has resources to adequately support its students during the COVID-19 pandemic." Funding that would have been applied to new students will be distributed among the 66 current graduate students, who could receive an additional year of support.

Former Princeton president and professor of molecular biology and public affairs Shirley M. Tilghman was named co-chair of New Jersey's **RESTART AND RECOVERY COMMISSION**, Gov. Phil Murphy announced April 28. The 21-person commission includes Lisa P. Jackson '86, vice president of environment, policy, and social initiatives at Apple and former administrator of the U.S. Environmental Protection Agency; Charles Lowrey '79, chairman and CEO of Prudential Financial; and former Federal Reserve Chairman Ben Bernanke, an economics

professor at the University from 1985 to 2005.

MCCARTER THEATRE CENTER selected Sarah Rasmussen as its new artistic director, effective Aug. 1, succeeding Emily Mann, who stepped down after 30 years in the role. Rasmussen was the artistic director of the Jungle Theater in Minneapolis. The transition comes at a challenging time for McCarter, which suspended performances in March and laid off most of its full-time and seasonal staff in mid-May.

Eleven professors are transferring to **EMERITUS STATUS** after a combined total of more than 400 years on the faculty:

CHRISTOPHER ACHEN, politics, 16 years
JAY BENZIGER, chemical and biological engineering, 41 years
EMILY CARTER, mechanical and aerospace engineering and applied and computational mathematics, 15 years
JOANNE GOWA '74 '80, politics, 30 years
ROBERT GUNNING '55, mathematics, 63 years
DEBORAH EPSTEIN NORD, English, 30 years
WILLARD J. PETERSON, East Asian studies and history, 49 years
WARREN POWELL '77, operations research and financial engineering, 39 years
ROBERT STENGEL '68, mechanical and aerospace engineering, 43 years
EZRA SULEIMAN, politics, 41 years
SHIRLEY M. TILGHMAN, molecular biology and public affairs, 34 years. ♦



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STUDENT DISPATCH

Uncertain Times: How Students and Grads Are Coping With the Job Market

By Maya Eashwaran '21



In early February, Ashley Morales '22 received the long-awaited email from Princeton's International Internship

Program. The subject line said it all — “Accepted!” In a mere few months, she was to start an internship in Paris, France. It would have been her first time abroad.

Along with more than 200 students in the internship program, Morales was told in early April that her opportunity would be canceled because of the ongoing pandemic.

Similarly, Princeton Internships in Civic Service moved all on-site internships to a remote format. Instead of exploring a new city in a foreign country or commuting to Capitol Hill in the Washington, D.C., heat, students will have to work from their homes, forgoing classic summer experiences like making friends from different schools, adjusting to a new workplace, and forming connections with colleagues.

While students' plans may have

been significantly altered by COVID-19, alumni and Princeton staff are coming together to assist students as they navigate the uncertainty of the current job market. The Center for Career Development has devised tools — including virtual advising appointments, specialized guides and resources, and increased alumni engagement — to equip students seeking new opportunities.

“The situation around COVID-19 has resulted in widespread uncertainty for students, including their summer and post-graduation plans,” said Kimberly Betz, executive director of the center. “The Center for Career Development is available to assist students throughout the summer, and will continue to support the Class of 2020 in the pursuit of their post-graduation plans.”

Princeton's alumni network is key in

As of late May, more than 170 internships and jobs had been offered to students by alumni.

Career Services' strategy. “We put out a call for alumni volunteers who are able to provide students with opportunities to learn and grow professionally,” Betz said. More than 200 alumni have volunteered to assist students by sharing opportunities at their places of work, coordinating remote projects and connecting directly with students. As of late May, more than 170 internships and jobs had been offered to students by alumni.

While many internship programs have been canceled, new graduates with full-time job offers are faring better. Betz noted. “Some employers will keep positions in person, some will adjust their positions to make them remote, some are changing start dates, and some are still unsure,” she said.

However, the unpredictability of the job market in the extended health crisis has heightened stress for the senior class. Employers, like students, are struggling to formulate plans due to the constantly changing nature of the crisis, adding to the anxiety recent grads face.

“It's also been really difficult in terms of planning to move because it's unrealistic and unsafe to get an apartment right now, but it isn't exactly ideal to begin our careers from our childhood homes,” said Erin Boateng '20, who expected to start working in New York this summer.

However, Boateng noted that the outpouring of support from fellow students and staff has been encouraging as the recent graduates try to find their way.

Morales, the rising junior who'd seen her international internship canceled, also expressed gratitude for the guidance she found from Career Services and the Program for Community-Engaged Scholarship. After months of applying to jobs, she found an opportunity to work remotely for a nonprofit organization based in El Salvador. The internship is well-suited to her career goals and allows her to interact with prominent international human-rights lawyers on a daily basis.

However, Morales still thinks of the summer that could have been.

“I've wanted to go to Paris since I was in elementary school,” she said. “I was really devastated when I found out that I wouldn't be able to go.” ♦

Challenging Outlook

As higher ed faces financial uncertainty, Princeton appears to be on solid footing

With all the budget cuts, furloughs, and even possible campus closures that threaten America's colleges, consider Princeton one of the lucky ones.

To be sure, the University is reckoning with its most challenging financial situation since the Great Recession in 2008, because of the coronavirus. But Princeton is poised to avoid the crisis awaiting much of higher education, experts say, even as austerity measures loom on the horizon.

"Princeton is probably situated better than any university in the country," said Robert Kelchen of Seton Hall University, an expert on higher education.

Demand for financial aid is expected to increase, and the University has pledged to meet that need.

Chief among those advantages is the University's \$26 billion endowment, which makes Princeton far less reliant on tuition dollars than most American colleges. Tuition accounted only for about 17 percent of the school's income in the 2018-19 academic year.

Princeton has announced that tuition and fees for 2020-21 will be \$71,710, a 3.9 percent increase from the prior year. The total estimated cost of attendance is expected to top \$75,200, according to the Office of Admission. Demand for financial aid is expected to increase, and the University has pledged to meet that need. The average financial-aid grant was projected to rise by 7 percent.

The administration has been criticized for not digging deeper into the endowment, including in a May *Daily Princetonian* opinion column written on behalf of Princeton Graduate Students United, a group supporting grad-student unionization. Princeton usually draws on about 5 percent of its endowment each

year, or about \$1.3 billion, to pay for more than 60 percent of its operating budget. Princeton has adopted a 2020-21 budget that assumes the spending rate will be about 6 percent.

The spending rate is rooted in a desire to not shortchange future student bodies. "We spend at a rate such that, absent growth, the entire endowment would be gone in 20 years," President Eisgruber '83 wrote in his May 4 message to the University community.

Amid a historic economic crisis, some say that treating the 5 percent figure as gospel is an outdated notion that fails to account for how much endowments like Princeton's usually grow: an average of 12 percent per year over the last quarter-century.

Charlie Eaton, who studies higher-education finance at the University of California-Merced, sees this focus on what is called "intergenerational equity" as "old-fashioned thinking." He noted that Princeton's endowment is 10 times as large as it was in the 1970s, far outpacing growth in the student body. "I really don't think there is any risk to intergenerational equity if Princeton was to spend more in order to deal with an extraordinary crisis like this," he said.

Princeton has announced that it is suspending salary increases for faculty and staff and cutting back on expected hiring. Eisgruber said in his May 30 Reunions talk that the University had added expenses from implementing online learning and that refunding room and board in the spring was "about a \$30 million change to the University budget."

In June, the University planned to restart its Annual Giving solicitations, which were suspended in mid-March.

One of Princeton's financial advantages comes not from what it has but what it does not have: a hospital. Peer schools with medical schools and associated hospitals are suffering financially, a point that Eisgruber noted.

◆ *By Teddy Schleifer '14*

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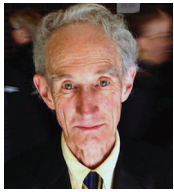
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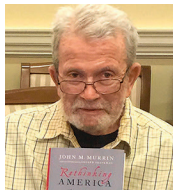
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cfinnegan@princeton.edu
609-258-4886

IN MEMORIAM



ROBERT M. MAY, Lord May of Oxford and a former professor and administrator at Princeton, died April 28 in

Oxford, England. He was 84. May, who trained as a physicist but transitioned to pioneering work in theoretical ecology, joined the faculty in 1972 and chaired the University Research Board. Edward Tenner '65, in a memorial for *Scientific American*, described May as brash and competitive but beloved for his candor and unpretentiousness. After departing for the University of Oxford in 1988, May served as the chief scientific adviser to the U.K. government and president of the Royal Society. He received an honorary doctorate from Princeton in 1996 and was awarded the Copley Medal, the Royal Society's highest honor, in 2007.



JOHN M. MURRIN, a history professor who published scores of essays exploring American Colonial and Revolutionary history, died May 2

of complications from COVID-19. He was 84. Murrin co-wrote the popular American history textbook *Liberty, Equality, Power* and taught at Princeton for 30 years, transferring to emeritus status in 2003. He chaired the coordinating committee of the Princeton-based *Papers of Thomas Jefferson*. His final book, *Rethinking America: From Empire to Republic*, published in 2018, collected essays about the American Revolution, the Constitution, and the early republic.

THOMAS ROCHE JR., the Murray Professor of English, emeritus, died May 3 in Beachwood, Ohio, at age 89. Roche, who joined the faculty in



1961, specialized in epic and Renaissance poetry and was a leading scholar of 16th-century poet Edmund Spenser. He mentored colleagues

in his more than four decades on the English faculty and shared his love of Shakespeare with students by participating in productions of the Princeton Shakespeare Company.



HANNA HAND, whose work as a staff member and volunteer at the Davis International Center spanned more than 45 years,

died April 27 from complications related to COVID-19. She was 85. Hand helped to pair international students and scholars with host families and assisted spouses and partners in adjusting to life at Princeton. ♦



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Kat Holmes '17

OLYMPIC HOPEFULS

Dreams Delayed

With Tokyo games postponed, Princeton athletes train for 2021 in quarantine

On her road to the Tokyo Olympics, the last person Team USA fencer Kat Holmes '17 expected to face as a sparring partner was her boyfriend. He'd never held an *épée* in his life.

But amid the coronavirus pandemic, some of Princeton's greatest alumni athletes have taken some desperate measures.

"In the past [her boyfriend has] always been like, 'If I can help you in your training, maybe I could fence with you. I'd love to help you,'" Holmes recalls. "I was, like, 'Uh-huh.' But now I'm, like, 'Uh-huh!'"

Tom George '18, a rower for the United Kingdom, got creative with weight training. George says he's been using spare hunks of lead he found in his parents' house in the Cotswolds, left over from a recent roof repair.

"It works pretty well," he says. "It's obviously not ideal, but you've got to make the best of what you've got there."

And while British steeplechaser Lizzie Bird '17 can still run outside, she misses having access to proper hurdles at the park near her San Francisco apartment.

"I'll do hurdle drills with imaginary hurdles quite often, which looks a little ridiculous," says Bird, adding that she's been eyeing a set of unused bike racks as an alternative.



Tom George '18

The coronavirus pandemic has, of course, disrupted routines the world over as governments imposed stay-at-home orders to stop the virus's spread.

But athletes in particular are creatures of habit, which is why many feel gutted about the one-year postponement of the 2020 Olympics, despite the gravity of the situation, says New Zealand hammer thrower Julia Ratcliffe '16.

"When the plan gets thrown out the window and you can't make a new one, really, it is really frustrating," Ratcliffe says.

After years of training, Ratcliffe was on the verge of making her Olympic debut this summer. Now she and her father, who coaches her at home in New Zealand, are back to the grind, piecing together a training plan month-by-month.

Timing matters, explains Eliza Stone '13, who wields the saber for Team USA. Fencers design their workouts so they peak during the summer months and carefully add experience in off-years so they can handle the pressure of the Olympic games, she says.

"I've been working towards this Olympics now for pretty much eight years," Stone says. "It's finally working out. And now the whole world decides to fall apart."

The 29-year-old Stone says she can wait another year to achieve her goal, but



Julia Ratcliffe '16



Lizzie Bird '17



Kareem Maddox '11



Eliza Stone '13

her window is starting to close. Female fencers tend not to compete much beyond their early 30s because lunges can be hard on the hips and lower back.

Then there's the matter of training while separated from teammates. Kareem Maddox '11 can hardly shoot hoops these days with fellow members of the USA's three-on-three basketball team. Without them, his regimen is limited.

"You can work on your skills, you can work on your strength," Maddox says. "The conditioning piece will be the last piece, but I think we'll have plenty of

time to get in game shape."

It can be hard to stay motivated when teammates aren't there pushing you, says George, the rower. His parents sometimes think he's gone mad when they see him working out multiple times in one day or glimpse how much food he's consuming at mealtime.

"There have been a couple of times where I will have done two long sessions in the morning, then I've come in and quickly had lunch and been, like, 'Right. I'm now going to go out on my bike for an hour and a half, two hours,'" he says.

"They're sort of, like, 'Wait, what? Are you not really done? You've already done two hours on the machine and then lifted weights.' The fact that you're now going out again for another two hours seems completely insane."

Some athletes are working out together via Zoom. Stone recalls joining a Zoom session hosted by a member of the U.S. synchronized swimming team.

"It was interesting," Stone says. "They did a couple synchronized swimming drills and it was really difficult. And then they told us that normally — obviously — they're underwater and they're holding their breath during all of that, which made it [seem] impossible. So I have a lot more respect for synchronized swimming now."

And while training may be the full-time job of Olympic athletes for now, many are putting off plans for careers after sports. For Stone, that is going to be medicine.

"I don't believe in just doing your sport forever," says Stone, who studied political philosophy at Princeton. She was later inspired to study health issues faced by female athletes after watching her sister and fellow fencer Gracie Stone '16 suffer through hip surgery. "I need to stay busy studying something or else your athletic accomplishments mean life and death to you because that's what you've been doing all day long, every day. And that's just not healthy."

Holmes had planned to start medical school in the fall, and Stone planned to begin in 2021. Bird had her heart set on law school. All are putting those plans on hold.

There are, however, silver linings. Stone has more time to study for her MCAT, which was canceled in March because of the pandemic. And George is enjoying being at home and getting to eat his mother's "bloody delicious" dinner specialty — salmon with dauphinoise potatoes and kale salad.

When the pandemic does finally end, Holmes is hopeful there will be a renewed sense of appreciation for the Olympics.

"I'm heartbroken that the Olympics got postponed," Holmes says. "But at least we're going to have an Olympics. At least it's going to happen, and when it does, I think it will be a really good effort in bringing the world back together."

By Alfred Miller '11

Life of the Mind



Laurence Ralph is a professor of anthropology and co-director of the Center on Transnational Policing.

FACULTY BOOK: LAURENCE RALPH

A History of Violence

Reckoning with how police violence undermines the rule of law

Fifteen years ago, Laurence Ralph began volunteering with local community groups “to get a break from grad school” at the University of Chicago, not as an academic pursuit, he said. Soon, he was drawn into the African American community’s concerns, particularly police violence.

Ralph’s latest book, *The Torture Letters: Reckoning with Police Violence* (University of Chicago Press), grapples with that legacy of violence. The book begins with a two-decade scandal in which at least 125 African Americans were tortured — beaten, electrocuted, suffocated, and raped — while in Chicago police custody,

from 1972 to 1991. The anthropology professor shows how such horrors are connected to and enable the harassment of black people today, through policies like “stop and frisk”; the disproportionate rate at which people of color are killed by police; and seemingly distant practices like the torture of Muslim detainees at Guantanamo Bay.

How did this book come about?

When I was researching my previous book [about gang violence], people kept bringing up police violence. These torture cases came to be the example of why people thought the police department wouldn’t change and the city government wouldn’t do anything about police violence.

How does the use of torture impact society at large?

When we think about violence, it’s not about just the act of violence itself, it’s how violence is tied into secrecy and secrecy is tied into power. We have to look at the whole circuit in order to understand why such an injustice can be maintained for so long.

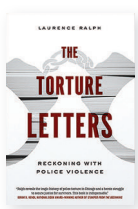
The use of torture was an open secret for decades in Chicago. When you have cover-ups that last for decades, and police departments that maintain the open secret of torture, you also have communities that don’t believe in the legitimacy of the police, precisely because of torture.

What most surprised you over the course of writing this?

Whenever a scholar embarks on a research project, that project is going to be challenging in different ways that you can’t necessarily anticipate.

But this, studying an open secret, really made me question how I was trained. We’re trained to look at something objectively, to look at all sides of an issue, to value a process of discovery in which we uncover something that’s new. But when you’re looking at a historic injustice, and something that blatantly goes against the tenets of the law and of democracy, then acting as if you can take an objective stance to it sometimes adds to the violence of the issue.

What I mean is that in studying the open secret, one has to also think about how academic knowledge has been complicit in furthering open secrets — in talking about what we can’t know about an issue, or saying that, well, we don’t have the side of the police officer in question, things like this. [The] reason why we sometimes don’t have enough evidence to make the particular arguments we’re used to making is because it’s been systematically blocked from our view. So we have to think



about how those silences are forged and created.

Lurking in the background of this study was also an analysis of how knowledge gets obscured, how redactions are purposely put into [government] documents so that you can't even, as a scholar, hold certain government officials and police officers accountable for what they do, because we don't know their names. So it's been a lesson for me in how to study power, which has gone against the ways I've been taught in many respects.

The main way is that, as I say in the book, this isn't an issue I discovered; this is an issue that communities have been grappling with for a long time. It's just that no one believed them for a long time. So part of my work is to confirm that these things did happen and that they have played a major role in the way that people have thought about policing in the past and the way people think about policing today.

Much of the book focuses on Andrew Wilson, who admitted to killing two police officers and was tortured, rather than on one of many innocent people who survived torture. Why?

I'm asking people to commit to the creed that nobody should be tortured, no matter what they've done. It sounds simple, and it's embedded in the legal system in a way, but people make all kinds of exceptions, in practice, when it comes to allowing torture to take place.

In TV and popular culture, we often see the message that if the situation is dire enough, a heroic figure may have to go outside the framework of the law to find the truth, whether by slapping someone around a bit or torturing them.

In the legal system, we have places like Guantanamo Bay where the law is suspended, and what's called enhanced interrogation methods, which the U.N. considers torture. So in actuality there's a loophole in the law when it comes to torture. It allows certain people to be tortured. But once we allow that to take place, it corrupts the whole legal system.

◆ Interview conducted and condensed by Eveline Chao '02



READ a longer version of Ralph's Q&A at paw.princeton.edu

CENTER ON TRANSNATIONAL POLICING

Princeton's Home for Thinking About Social Justice and Policing

Like many across the nation, anthropology professor Laurence Ralph and American studies professor Aisha M. Beliso-De Jesús have been gripped by the recent protests over the killing of George Floyd. "The events of the past few days represent the tensions with the police that are always bubbling beneath the surface of American society," Ralph wrote from his home on June 2. For him, answers to those tensions "require no less than a radical transformation in how we understand the contexts in which police deploy force and how police violence impacts communities of color in the United States."



Beliso-De Jesús

Ralph and Beliso-De Jesús both study policing, but from different angles. Ralph has written about gang and police violence in Chicago, while Beliso-De Jesús studies the criminalization and policing of African diaspora religions like Santería. The two — who co-teach an introductory course called "Policing and Militarization Today" — realized it would be helpful if scholars doing police research had a place to "think together," as Beliso-De Jesús puts it. The class focuses on policing on a transnational scale, but also examines immigration police and border patrols, important areas in need of attention right now, according to Beliso-De Jesús.

Since 2018 the pair have run the Center on Transnational Policing (CTP), a research hub for scholars concerned with race, policing, social justice, and related issues. It offers students the opportunity to collaborate with professors at different universities, and helps find ways academic research can contribute to public policy. "Our philosophy is rooted in a humanizing approach to the social scientific study of policing and law enforcement. We support research and inquiry in the spirit of changing the suffering and social inequality experienced by marginalized people," says Beliso-De Jesús.

CTP efforts include an animation project that illustrates ethnographic interviews with teenagers in Chicago, as well as data and other scholarship on police violence, created with the help of visual artists and composers. The films will be screened publicly and serve as educational material for classes at Princeton and in several public-school systems across the U.S. The idea for the project came from research Ralph conducted for *The Torture Letters*, interviewing survivors of police torture (see page 23). Many wanted to convey their experiences for the "next generation of people who might fall victim to police violence," he says. "This is part of my effort to address that."

Another project looks at police use of force in New Orleans, which until recently was the city with the highest per capita rate of incarceration in the world. In 2012, the city entered into a consent decree that subjected its police department to monitoring by the federal government, with the aim of rehabilitation. The CTP project is studying the impact of the consent decree and police use of force through methods such as surveys, focus groups, interviews with residents and law-enforcement officers, and "looking at what reforms are working and which ones don't seem to be working," Ralph says.

Students and professors from Princeton and the University of Tokyo will also examine security at the now-postponed Tokyo Olympics and how COVID-19 will impact security and policing.

The center's ultimate goal is to "humanize the data on policing, because a lot of it is just statistics and numbers about how many people are killed by the police," says Ralph. Putting a human face to victims, and to survivors' stories of police violence, he adds, "gives them voice."

◆ By Eveline Chao '02



ESSAY: THE GREAT TRADE-OFF

Should We Save Lives — or Save the Economy?

By Marc Fleurbaey



Marc Fleurbaey is the Robert E. Kuenne Professor in Economics and Humanistic Studies at Princeton. He is a former editor of the

journal Economics and Philosophy, and much of his research has focused on the evaluation of public policy.

The COVID-19 crisis puts all policymakers in a difficult position. In addition to the great uncertainty about the parameters of the pandemic and about the short-term and long-term consequences of the economic slump, there is an ethical dilemma: how to balance the value of saving human lives against the value of preserving people's livelihoods. In the United States, the debate has been raging between those who say "the cure

cannot be worse than the disease," and those who say "we are not going to put a dollar figure on human life."

Whether they like it or not, policymakers must address this difficult trade-off. In theory, separating every person from everyone else for two or three weeks would immediately stop the infection spread at little economic cost. This is totally impractical, but less extreme lockdown measures observed in many countries do reduce the reproduction rate of the pandemic to such low numbers that this, actually, would fully extinguish the pandemic within two or three months. It is also possible, under a more lenient approach, to keep the pandemic under control by a stop-and-go policy of repeated lockdown episodes of a few weeks each until a vaccine is found. The problem is: Are all

these measures worse than the health crisis itself?

When Princeton students were sent back home, just before the spring break, I was intrigued by this exceptional situation and built a model on a simple Excel spreadsheet, first for my own curiosity, but also as a possible teaching tool for my Woodrow Wilson School class on the microeconomic evaluation of public policy. Several friends and colleagues have helped me improve it, including my daughter, a physicist.

The model simulates the pandemic as well as the lockdown and testing policies available, and includes a set of evaluation tools for the comparison of various policy options. You can download it from <https://bit.ly/fleurbaey>. (Users can change all parameters and assumptions and determine the timing and intensity of contact reduction and testing policies.) In a rough but informative way, the model takes account of inequalities in income and life expectancy across social groups and allows for various assumptions about the distribution of the economic cost and the fatality burden among these groups. Such assumptions relate to policy choices

about social protection, income support, and access to health care.

The evaluation tools included in the model belong to two ethical approaches, which are the most common for such assessments. To be clear, yes, these methods all “put a dollar figure on human life,” but they do so in a principled way. The main reason they put a value on human life is that each one of us does it all the time. We all take risks every day, implicitly deciding that life is not worth more than the value of the risk taken. I used to ride my bike to the University even though the risk of a fatal accident, while low, was much higher than the risk I’d face driving my car. I thought the advantages of bike-riding — such as exercise and long-term health benefits — outweighed the greater risk I was taking on. Similarly, the main agencies of the federal government use a key number, the “Value of a Statistical Life,” to assess the benefits of various programs with consequences on population health and compare these benefits to the program costs. Without such a number, they would have no idea whether a safety program is worth the cost.

The ethical calculus based on the value of a statistical life is straightforward. In the current pandemic, the number of deaths avoided by the various measures taken by most governments is very high: about 1 percent of the population in developed countries. This huge number — more than 3 million people in the U.S. — comes in part from the overwhelmed hospitals being unable to receive all patients when the “curve” is not “flattened.” The value of a statistical life in the U.S. is generally taken to be around 150 times the annual per-capita income, or about \$10 million. Therefore, the health benefits of avoiding all these deaths are worth about 150 percent of a year of income: more than \$30 trillion! Assuming that the serious recession that would have occurred in absence of any government intervention is worsened only by about 10 percent of a year of income under the lockdown policy, the conclusion is obvious. The cure is vastly better than the disease.

However, there are several issues with this overly simple approach. First, it does not account for the fact that the victims

are mostly elderly people who do not lose many years of life. There is another number called the “Value of a Statistical Life-Year,” which can be used to assess the years lost instead of the lives lost. Considering that the average victim loses 10 years of life, and that the value of a statistical life-year is about three times the annual income per capita in the U.S., one obtains an estimate of the health benefits of about 30 percent of a year of income. This is still much greater than the predicted economic cost, but in the same order of magnitude — therefore, one should pay close attention to how the health and economic consequences unfold in the coming months.

An evaluation that gives special priority to the worse-off will favor policies granting all people equal access to health care and guaranteeing a lifeline to economically vulnerable workers and small businesses.

Another ethical problem with the Value of Statistical Life approach is that it does not pay attention to the unfair distribution of background conditions (such as income and life expectancy) among social groups, or to the distribution of the health and economic burdens of the ongoing crisis among them. In the U.S., in particular, disadvantaged communities are paying a heavy price on all fronts. These communities often include workers who are exposed to the virus or are among the first to be laid off or lose their businesses.

This is why I prefer an alternative approach that makes an evaluation of the well-being of the population, taking account of these fairness issues in the distribution of burdens and benefits. This “social well-being” approach is more demanding because it requires more data and more detailed predictions of the consequences of the crisis and the policies for different groups, but it provides more relevant evaluations. In particular, it allows the decision-maker to pick a key ethical parameter:

the degree of priority granted to the worse-off. An evaluation that gives special priority to the worse-off will favor policies granting all people equal access to health care and guaranteeing a lifeline to economically vulnerable workers and small businesses. It will give more weight to health benefits if the victims of the virus are among the worse-off, and more weight to economic costs if the burden falls on the most disadvantaged. My colleagues and I are debating whether the elderly victims of the virus are really among the worse-off, since they include many pensioners who do not risk losing their jobs and who have been lucky to live to an old age — the average age of a COVID victim in developed countries is close to 80. That’s similar to the life expectancy of the population, which means that, on average, those who do not die from the virus will not live longer than the average victim of the virus. On the other hand, the average COVID victim has lived during times that were much less economically affluent than recent years.

At any rate, in the current crisis both approaches — in all their variants — strongly favor an ambitious public-health policy combining strict shutdown, widespread testing, and universal mask wearing to promptly quash the spread of the virus at relatively little economic cost. Not many countries have succeeded in achieving this feat, but some have, including some low-income nations. It requires swift action and works best with clear vision, great transparency, a high level of trust and cooperation of everyone involved, and extensive support measures to help the economically vulnerable to go through the hiatus. This is really hard to achieve because the policy appears very painful in the moment, and if relaxation of the effort comes too early, most of the effort will have been done in vain and the pandemic will restart. When the pandemic remains rampant and one has to examine new measures as cases spike again, the question of the hard trade-off between lives and livelihoods reemerges. The tools offered in this model can be applied again and may help us better understand how to navigate this crisis of historic proportions. ♦

TIGER ETHICS



Elizabeth Harman

Policymakers, health-care providers, and ordinary citizens are grappling with ethical challenges presented by COVID-19. What are our obligations to others? How do we balance the risks to individuals and society? What's an ethical response to the virus's unequal impact on different communities? Laurance S. Rockefeller Professor of Philosophy and Human Values Elizabeth Harman has agreed to answer readers' questions on pandemic ethics — send yours to Tiger Ethics at paw@princeton.edu or PAW, 194 Nassau St., Suite 38, Princeton, NJ, 08542. We'll post selected questions and responses.

Editor's note: The questions here came from PAW and Harman.

I take my elderly mother out to dinner once a week — a bright spot in her routine. When I told her we could no longer see each other because of the virus, she said, "What do I care? I'm 92!" What is society's responsibility to vulnerable people who most value experiences with family near the end of life?

Many people share your struggle. They want to lay down rules for their parents to protect them, but their parents want to "disobey." Some of the hard questions were settled by widespread governmental guidance to stay home, but as restaurants start opening back up, we have to face tough decisions.

Your question raises two distinct issues, one about your mother, and one about you. First, should your mother's preference be taken seriously? If your mother is under the sway of misleading news sources that minimize the threat of COVID-19, then her attitude may come from failing to really understand what the risk is. But suppose she does understand the risk, she is of sound mind, and she is simply willing to take that risk. In that case, her choice should be taken seriously. Her choice is understandable and reasonable — to keep having the experiences that are meaningful to her, even if they are dangerous.

"Your question raises two distinct issues, one about your mother, and one about you."

But the second factor is you — what are you willing to do? Even if you agree that your mother's choice matters, there is still the further question of whether you are comfortable taking her to a restaurant. You may be unwilling to risk passing the virus on to others at the restaurant, in case you or your mother were unknowingly infected. You may not want to play a role in exposing your mother to the risk of catching the virus, or you may not want to be exposed yourself. It's OK for you to be guided by your own reluctance.

Many doctors and nurses have been asked to treat COVID-19 patients without adequate personal protective equipment (PPE).

What are the duties of medical professionals when doing their jobs would put their health and their lives at risk?

The pandemic has presented us with an emergency situation. We all know that doctors and nurses are entitled to adequate PPE, but that hasn't always been available throughout the pandemic. Do they have a duty to treat patients without proper PPE? The short answer is: No. Medical professionals are allowed to decide that a situation they did not sign up for and did not anticipate is simply too unsafe for them. They are allowed to walk away.

"Doctors and nurses have every right to be angry at the situation we've left them in."

But knowing that they have the right to walk away doesn't settle the hard moral question. Doctors and nurses without adequate PPE still need to ask themselves: What should I do? This is not a question about duty, because we've already said they don't have a duty to treat.

But there are still moral reasons to stay and treat patients. As our society faces this pandemic, we need doctors and nurses. Patients need to be treated. Only some people have the skills to help. Thus, on the one hand, doctors and nurses face special reasons to keep working. On the other hand, doctors and nurses have been put into an unfair situation: The lack of PPE was preventable and was a foreseeable effect of the federal government's inadequate pandemic preparedness, as well as our hospital system's being geared to maximize efficiency rather than to ensure readiness for unlikely but serious crises like this.

Doctors and nurses have every right to be angry at the situation we've left them in. Yet, as each has asked "What should I do?" most have decided to keep working, trying to save as many lives as possible. It is plausible that they are right that they should help, even though no duty requires them to help. Sometimes the choice that is above and beyond the call of duty is the choice one should make. ♦



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COVID-19

Research Snapshot

Princeton professors across disciplines are researching several aspects of the COVID-19 pandemic. Here's a sampling of the work being done.

The National Science Foundation's Rapid Response Research program, which is designed to marshal scientific talent in the face of emergencies, has awarded four grants to Princeton researchers working on various aspects of the COVID-19 pandemic.

Mechanical and aerospace engineering professor **Howard Stone** is investigating the movement of aerosol particles released through human speech, laughter, and breath, especially in asymptomatic hosts, using his background in fluid mechanics.

Kyle Jamieson, associate professor of computer science, is working to develop a system that uses cell-phone data to help public-health officials track those diagnosed with diseases like COVID-19 without compromising users' privacy.

Vincent Poor '77, an electrical engineering professor, is expanding a mathematical model measuring how a virus's mutations and human interventions affect the spread of a disease. Such a model could allow public-health officials to better anticipate the effectiveness of measures such as social distancing.

Professor of psychology and public affairs **Alin Coman** is investigating how a person's level of anxiety influences how they share

and learn information about the COVID-19 pandemic. Coman will look at whether, for example, someone with a high level of anxiety is more apt to spread misinformation about the disease.

Professor of chemistry and genomics **Joshua Rabinowitz** and genomics research fellow **Caroline Bartman** penned an April op-ed in *The New York Times* that discussed what they see as a missing factor in the COVID-19 discussion: viral load. The authors point out that the amount of exposure to a virus can determine the severity of its impacts on one's health. Just as a tiny dose of a smallpox pustule creates a survivable illness and inoculates those receiving it, Rabinowitz and Bartman argue, epidemiological models should further explore the effects of low-dose exposure to the virus that causes COVID-19. They also emphasized the need to protect those encountering high doses, such as hospital workers and public-transit users.

A Princeton study published May 8 in the journal *Proceedings of the National Academy of Sciences* examined the evolutionary advantages of a virus that relies on symptomless transmission — like SARS-CoV-2, which causes COVID-19. While a silently spreading virus has the benefit of wide transmission by an unwitting host, oftentimes asymptomatic carriers produce fewer infectious particles. Using a modified mathematical formula, study authors **Chadi Saad-Roy GS** and Princeton professors **Simon Levin** (ecology and evolutionary

biology), **Bryan Grenfell** (ecology and evolutionary biology and public affairs), and **Ned Wingreen** (molecular biology and genomics) found that despite the drawbacks, asymptomatic transmission is a successful evolutionary tool for a virus's long-term survival.

Adam Elga '96, professor of philosophy, co-authored an April op-ed in *Route Fifty*, an online news organization for state and local leaders, about how a shortage of ventilators in hospitals is a result of a human tendency to systematically underestimate the possibility of cascading system failures. Drawing from his 2018 article for the journal *Behavioural Public Policy*, the op-ed lays out how forces such as cost cutting, competition, and human bias discourage potentially costly preemptive measures, such as maintaining a large medical stockpile, which leads to a tendency to underestimate the impact of a system failure. However, Elga says his research revealed that decision-makers who were more educated about the risks of being underprepared were willing to invest more to avoid system failures.

Jacob N. Shapiro, co-director of Princeton's Empirical Studies of Conflict Project, and a team of researchers are collaborating with Microsoft Research to combat online misinformation about the coronavirus pandemic. Shapiro, who is also a professor of politics and international affairs, is leading a global team of 16 undergraduate and graduate students from Princeton and three other

universities. Together, they have created an online database of false narratives observed on social-media platforms. The database helps Microsoft and other websites to stop the spread of harmful information.

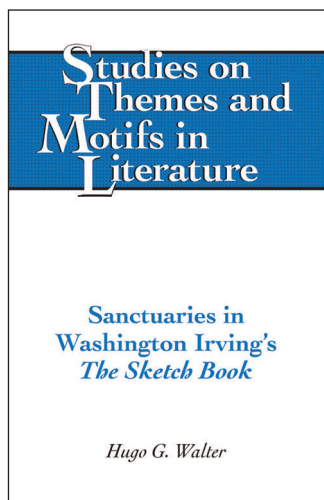
In an op-ed for *The Lancet*, psychology professor **Eldar Shafir** describes eight well-established human tendencies that could undermine one's ability to make sound judgments during a time of crisis such as the pandemic. In the piece, titled "Pitfalls of Judgment During the COVID-19 Pandemic," Shafir and co-author Donald Redelmeier, senior scientist at the Sunnybrook Research Institute, describe how notions such as fear of the unknown and an instinct to adhere to the status quo should be considered by officials formulating public-health messaging.

The flu epidemic a century ago waned during the summer months, only to come raging back in winter, but the COVID-19 pandemic will probably not mimic that pattern during its wave of infection this summer. According to research by Princeton Environmental Institute postdoctoral researcher **Rachel Baker**, published in the journal *Science* in May, the SARS-CoV-2 virus will likely not be hampered by warmer weather until after the virus becomes endemic throughout the world's population. By running simulations using information from similar coronaviruses, Baker and her co-authors concluded that during the pandemic stage, warm weather probably will have only a modest impact on infection rates. ♦ By C.C.

Princeton BOOKSHELF

2020

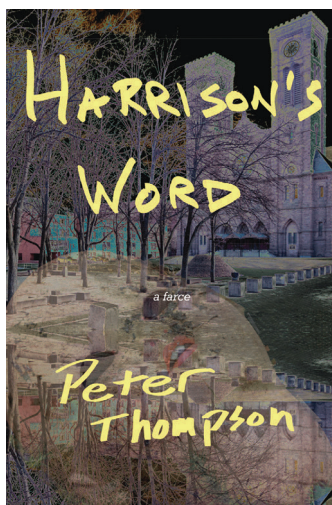
Summer Guide
to Princeton
Authors



**Sanctuaries in Washington
Irving's *The Sketch Book***

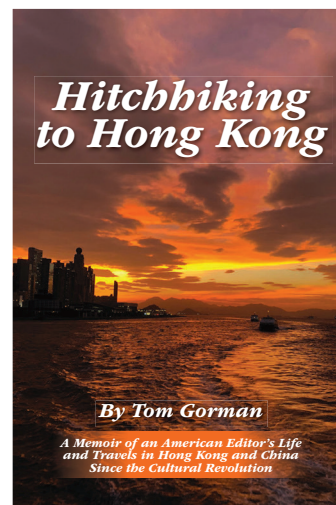
Hugo G. Walter '81

Many sanctuaries of natural beauty, architectural splendor & mythical vitality are explored in this collection of essays on 19th century American & European literature. Peter Lang Publishing.



HARRISON'S WORD! (a farce)
Peter S. Thompson '70

The obscene (or is it?) sequel to Peter Thompson's *Winter Light*, and another prep school tale. Vile characters and a bit of a post-modern plot gambit. Acclaimed for seriously funny style. Available at dialogosbooks.com or Amazon.



Hitchhiking to Hong Kong
Tom Gorman '73

Gorman's rollicking tales provide insight into the transition years between the Mao and post-Mao era in Hong Kong and mainland China, in an entertaining and highly readable narrative.

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POSTSCRIPTS

Jeffrey Fisher M.D. '65

Praise for *Postscripts*:

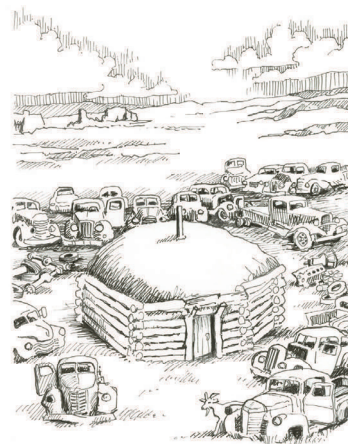
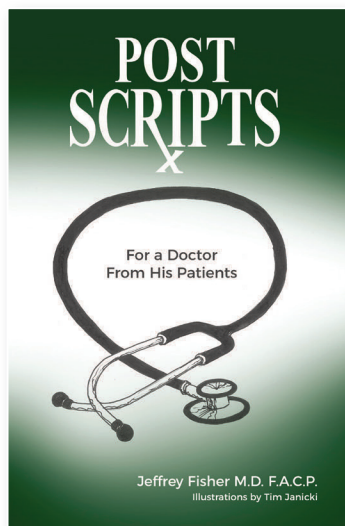
"*Postscripts* should be required reading for all medical students."

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Professor of Medicine,
Weil Cornell Medical Center



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— Allen Steere, MD, Professor of
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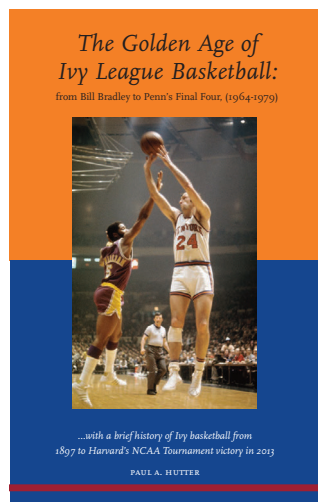


"Clinical parables written by a master physician."

— Guy Reed, MD, Dean,
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College of Medicine, Phoenix

"Beautifully written and illustrated, a gem of a book."

— Sally G. McMillen, PhD, Professor
of History Emeritus, Davidson College

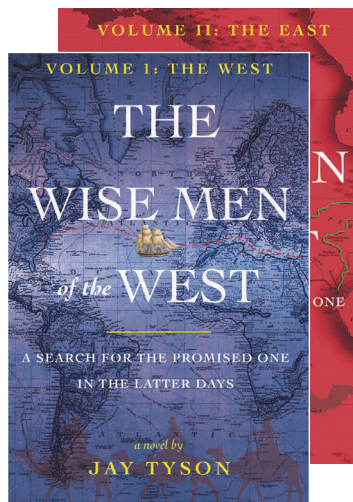


The Golden Age of Ivy League Basketball (1964-1979)

Paul A. Hutter '74

"Brings back many memories"

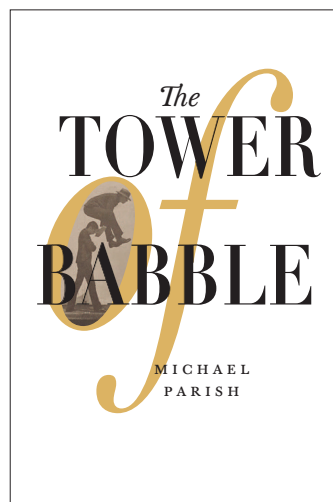
— Brian Taylor '73
Google: Paul Hutter /
The Golden Age of
Ivy League Basketball



The Wise Men of the West Jay Tyson '76

Was "the Great Disappointment" of 1844 caused by miscalculation?

This historic fiction explores an alternative—that the nature and location of Christ's return were misunderstood, but the date was correct. Jay.Tyson@SOOPLLC.com

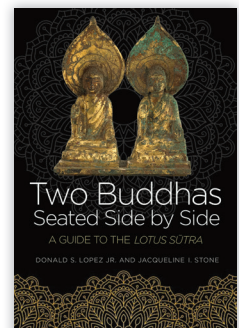
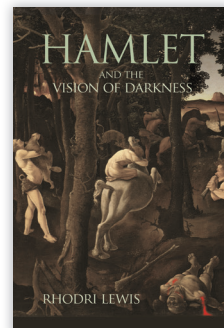
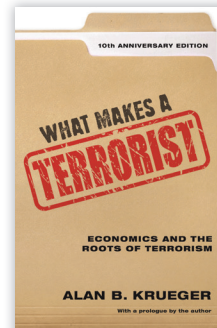
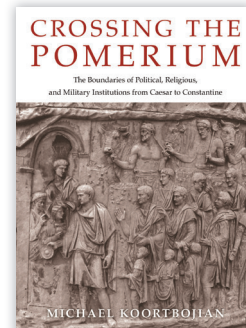
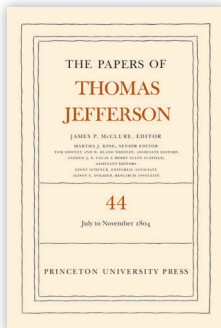
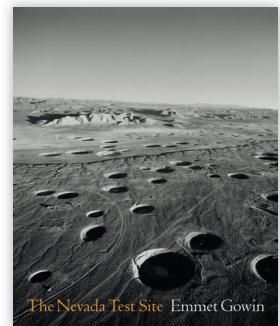
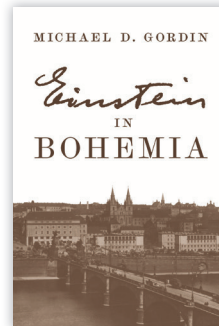
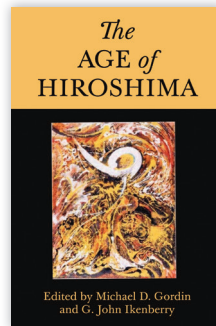
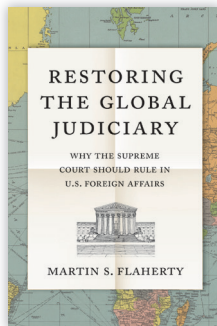
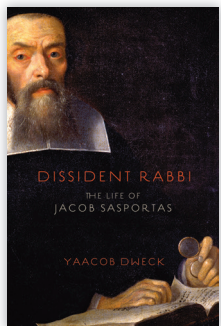
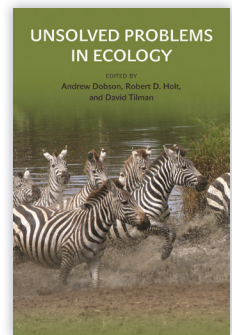
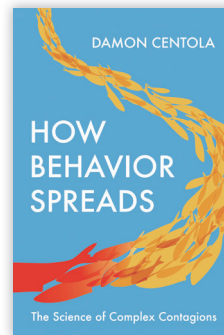
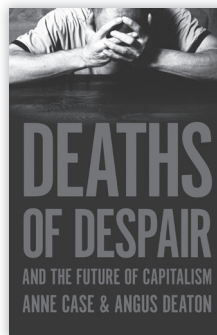
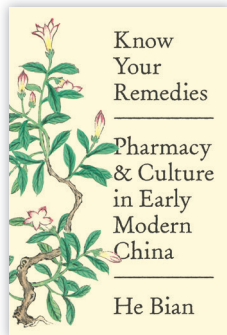
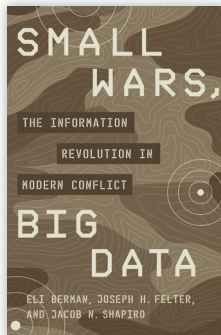


The Tower of Babble Michael Parish '65

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and the Future
of Capitalism
Anne Case and Angus Deaton

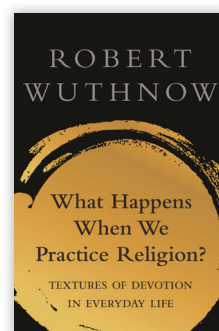
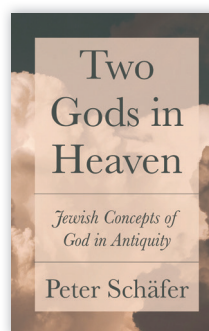
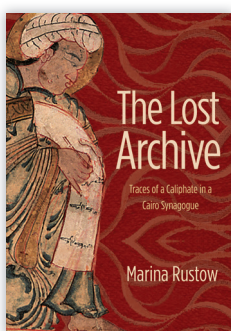
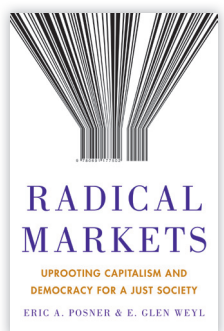
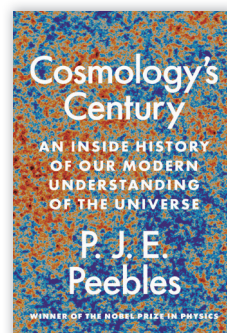
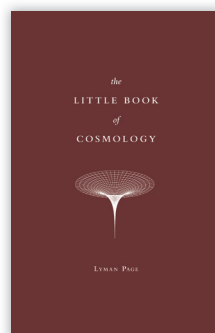
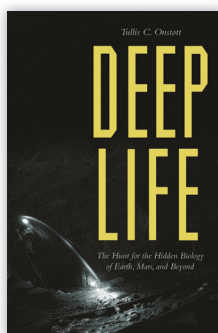
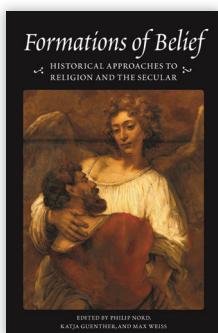
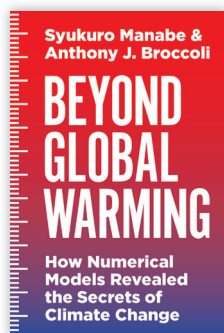
How Behavior Spreads
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Contagions
Damon Centola

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Marina Rustow

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Matthew J. Salganik

Two Gods in Heaven

Jewish Concepts of God in Antiquity

Peter Schäfer

What Happens When We Practice Religion?

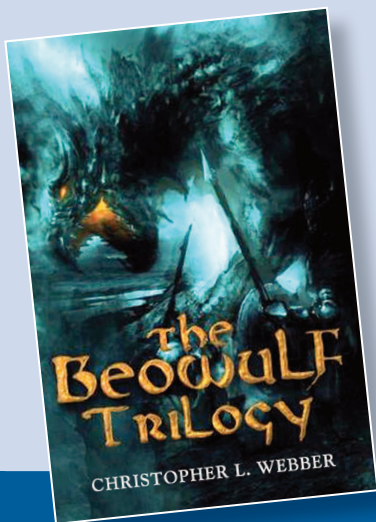
Textures of Devotion in Everyday Life

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... The battle king recalled

His former famous deeds, and by main force
He struck with such impassioned strength
The sword stuck in the skull, and Naegling snapped,
The blade of Beowulf broke off in battle . . .

— From "Beowulf: a new translation"

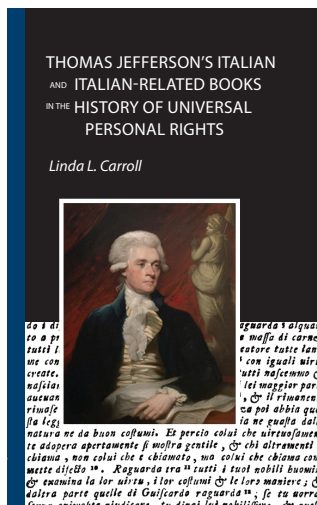
They were not sleeping well when once again
Such sounds were heard as shook their very souls,
A horrid sound that hurt and chilled the heart;
The firelight gave a glimpse of ghastly beings,
As tall as trees and terrible to see . . .

— From "Beyond Beowulf"

... I never knew

A house that held such happiness could then
Be emptied out so soon; the echoes ached
And Wiglaf was in every one of them.
Old crones and children came, but could not fill
The hollow house, nor could they heal my heart.

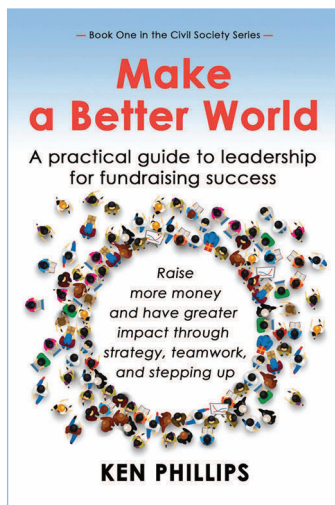
— From "Yrfa's Tale"



Thomas Jefferson's Italian and Italian-Related Books in the History of Universal Personal Rights

Linda L. Carroll '71

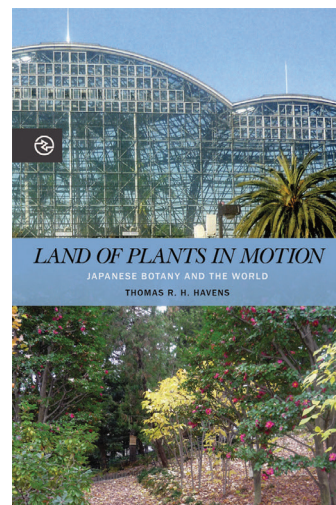
Thomas Jefferson's library articulates his lifelong attention to self-governance. The study focuses on works connected to Italy and the Venetian Republic.



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Ken Phillips '62

The perfect book for someone who wants to make a difference. Step up to new leadership in your neighborhood, nonprofit or company. Ideal for new graduates! Get *Make a Better World* on Amazon.



Land of Plants in Motion Japanese Botany and the World

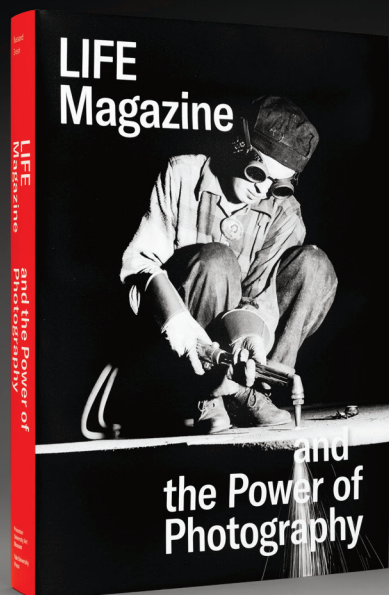
Tom Havens '61

This book distills 5 million years of botanical history, showing how the ancestors of many Japanese plants spread worldwide while the islands evolved a wealth of native flora. (University of Hawaii Press)

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—BBC

"Cézanne rendered the rocky mouths of these caves in oil and watercolor, creating colors, shapes and effects that are both utterly convincing and otherworldly, compelling more than one scholar over the years to find in them the mythical creatures of Provence's Roman past, or at least anthropomorphized representations of the unconscious."

—*Antiques and the Arts Weekly*



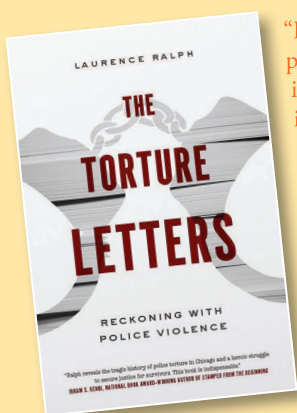
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2020 Summer Guide to **Princeton Authors****The Torture Letters***Reckoning with Police Violence*

Laurence Ralph

In Laurence Ralph's new book, "The Torture Letters," Ralph examines the torture of people of color at the hands of police from mid-1970s to the early 2000s in Chicago. Ralph details the appalling brutality of officers at Chicago's Area 2 precinct.



"Ralph brings necessary light to the problem of police torture. A damning indictment of the senseless and seemingly unceasing violence committed by those charged with serving the public." – Kirkus Reviews

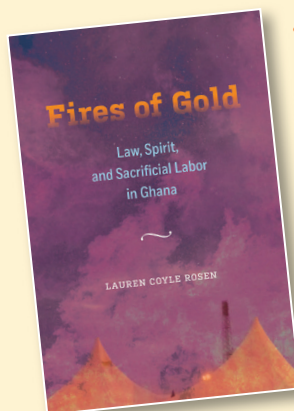
"Compelling . . . It is impossible to read *The Torture Letters* without the nagging realization that right now, somewhere in the United States, a similar story is playing out in real time. This book matters." – The Nation

Laurence Ralph,
Professor
Director of Center on
Transnational Policing

"[A] deeply caring work... An essential primer on the roots of police violence."
– Publishers Weekly

Fires of Gold:*Law, Spirit and Sacrificial Labor in Ghana*

Lauren Coyle Rosen



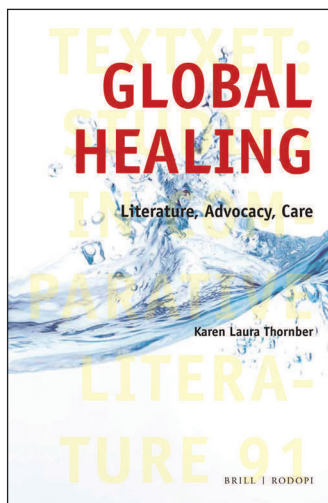
"Demonstrates what cultural anthropology has to offer to the analysis of the contemporary—in Africa and elsewhere."

– Rosalind C. Morris

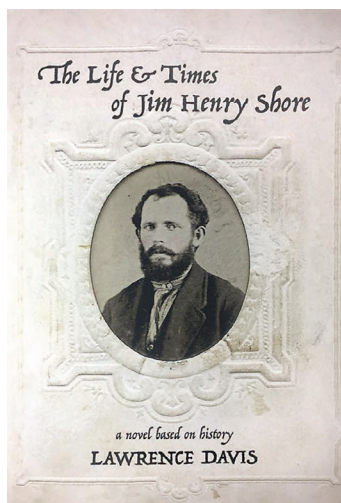
"A striking, novel contribution . . . An urgent read for critical scholars of the continent today."

– Charles Piot

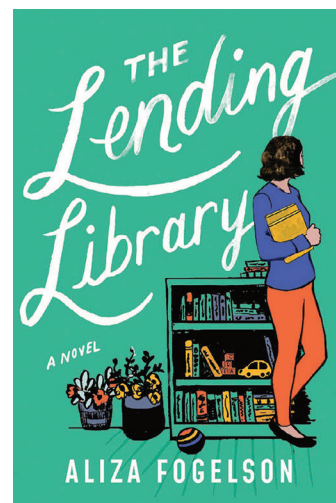
Lauren Coyle Rosen, Assistant Professor of Anthropology
Affiliated Faculty, Program in Law and Public Affairs (LAPA)

**Princeton Anthropology****Global Healing****Karen Laura Thornber '96**

This book analyzes narratives from around the world and in multiple languages on the social practices that prevent billions of people from receiving healing care. An extremely timely volume for this age of pandemic.

**The Life & Times of Jim Henry Shore****Lawrence Davis '60 p'88**

Shore walked the Civil War path between his anti-slavery Quaker Community and conscription laws. Drafted, captured, Camp Douglas POW, sailed to CA, earned enough money to go home and marry Julia.

**The Lending Library****Aliza Fogelson '00**

"A beautiful, heartwarming novel that weaves together a wide range of emotions. . . . Book lovers will revel in Dodie's journey of loss, abandonment, motherhood, and love."
—Booklist (starred review)

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China's Western Horizon

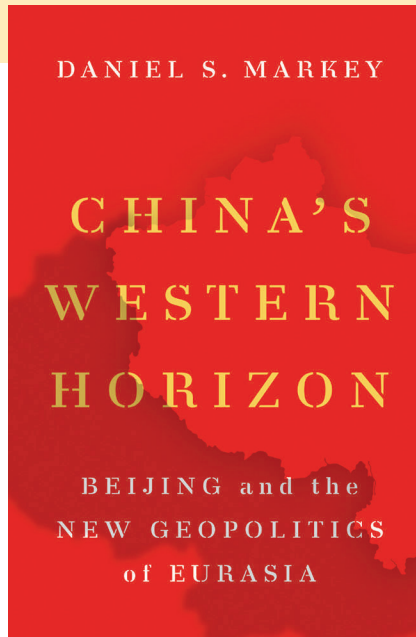
BEIJING and the NEW GEOPOLITICS of EURASIA

Daniel Markey *00

How will Beijing's geopolitical aspirations play out across South Asia, Central Asia, and the Middle East?

"A far-reaching and important primer that is filled with insights about the world of today and tomorrow."

— Peter Frankopan, Professor of Global History, Worcester College, University of Oxford



"Casting his eye across a vast swath of continental Eurasia, Markey analyzes both the forces driving Chinese policy and the factors shaping the responses of the poorer and weaker nations in its path. Markey's research is broad as well as deep, his assessments are balanced and measured, and his conclusions will inform the thinking of scholars and policymakers alike."

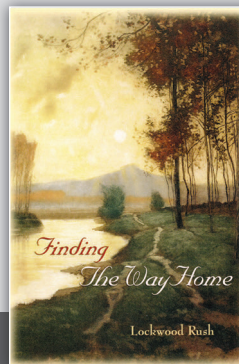
— Aaron L. Friedberg, Professor of Politics and International Affairs, Princeton University

Daniel Markey *00 is a professor at the Johns Hopkins University School of Advanced International Studies and a former US State Department policy planner.

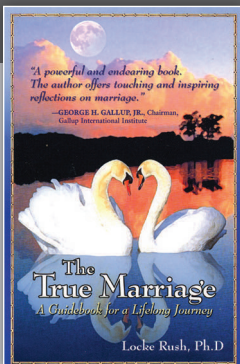


Finding The Way Home

For a lost and rootless society that worships celebrity and wealth, this book is a real eye opener. The writing is insightful and honest; the author has learned from all of his incredible experiences and keeps moving, searching. Nothing impresses him very much until he discovers true wisdom as embodied in the great sage he meets....a real page-turner—a fascinating story—a true 20th century Siddhartha tale.



By Lockwood Rush '55



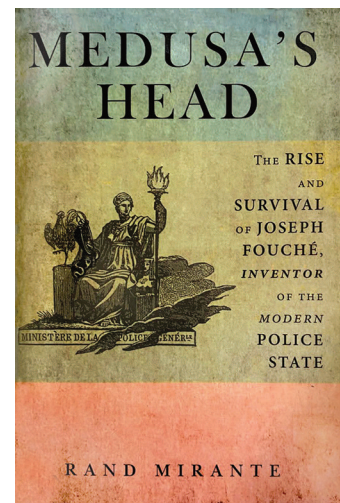
The True Marriage A Guidebook for a Lifelong Journey

"A powerful and endearing book. The author offers touching and inspiring reflections on marriage."

— George H. Gallup, Jr. Chairman, Gallup International Institute

Marriage changes things. It is the exact opposite of flying free because both people have to compromise their way of behaving and even their convictions. In other words, the real struggle is with ourselves, not with our partner.

Lockwood Rush '55 has over 25 years experience as a psychotherapist and marriage counselor. A former officer in the U.S. Marine Corps; he lived in Japan for four years studying and practicing the disciplines of Zen Buddhism and spent a year as a lay monk in the Ryutakuji Monastery. After receiving his Ph.D. in Counseling Psychology, he went on to found the first intensive outpatient addiction treatment program in Maryland.



Medusa's Head

Rand A. Mirante '70

Chameleonic and fearsome Minister of Police Joseph Fouché specialized in subversion and betrayal.

He voted for Louis XVI's execution, toppled Robespierre, undermined Napoleon, and improbably became Louis XVIII's security chief.

COPING

with Coronavirus

**Alumni write about
how it's changed
their lives and work**

The COVID-19 pandemic has dramatically altered the daily lives of most Americans — those working in health care, in nonprofits and businesses, and at home. Here are reflections from six alumni. Another selection of alumni essays was published in our May 13 issue and can be found at bit.ly/2M9OiRS. All the essays were written in April and May. Write to us at paw@princeton.edu with your own story.

Teaching and Learning in the Time of Coronavirus

Jacklyn E. Bruce '99

Jacklyn E. Bruce '99 teaches modern world history at Thomas Jefferson High School in Richmond, Virginia.

A door adorned with airport codes, passport covers, luggage tags, and signage in many languages welcomed my students as they entered my classroom this year, a nod to the places we travel to throughout history. Eight years ago I became a “career switcher,” as those entering the ranks from other fields are called, and I now teach in the same public school district where I was educated. We teach a socioeconomically diverse population of 25,000 students, of whom 63 percent are black and 20 percent are Latino. About 55 percent qualify as “economically disadvantaged,” while 14 percent are English-language learners.

When I last saw my students, I ticked off historical highlights from the Black Death and the Renaissance through the Great Depression and the World Wars as we prepared for what we thought would be a temporary break. In my classes, I often cover moments of great concern, and I told my students to brace for temporary periods of despair and uncertainty alongside positive outcomes we would reflect upon down the road.

Nationwide as schools closed, glowing news stories from resource-heavy areas brimmed with tales of well-attended virtual classes. Less covered were the challenges faced in urban districts like mine (with even fewer articles about rural areas), where keeping students engaged requires a more holistic approach. I can provide organization, routines, and supplies, including a Chromebook cart and a dedicated Wi-Fi network, while in my classroom. Dispersed at home, our students want to learn, but some lack the resources they need, highlighting how disparities in experiences are often exacerbated by inequality. One cannot reach every child virtually if they are not all connected.

When spaces that offer public Wi-Fi closed, including local libraries, our families also had to address disruptions in employment, housing, transportation, food stability, and safety. Eviction moratoriums, daily food-distribution centers, a program providing free Chromebooks and hotspots, and statewide televised lessons are some of the ways these issues continue to be addressed. My colleagues and I put together a patchwork of emails, social-media posts, phone calls, virtual meetings, and resources sent through remote-learning channels to ensure that every student receives support. I even found myself posting lessons and updates from my cell phone, which became my lifeline after I moved into a new home where I was temporarily without Wi-Fi.

I write this in late April, and we are posting grades to close out the third marking period. Standardized testing has been waived, and students are completing online modules at their own pace. The heartbreak of not being able to say a proper goodbye to my students as they forgo high school rites of passage is strong. I miss greeting students who popped in just to say hi and congratulating students on milestones large and small.

Jacklyn E. Bruce '99



Jacklyn E. Bruce '99

I will miss seeing my seniors walk across the stage at graduation and their announcements of the paths they plan to take. History has taught us many great lessons about resilience in times of disruption. I hope that we continue to learn from them.

At a Nonprofit, Pivoting and Keeping Faith

Marty Johnson '81

Marty Johnson '81 is the founder and CEO of Isles, a nonprofit development and environmental organization based in Trenton, New Jersey.

By the time I started Isles with two others 39 years ago, my struggling family and my Princeton research had taught me to believe that residents — including those in tough lower-income settings — had more resiliency and capacity than people thought. Based on that assumption, we eventually distilled our mission down to seven words: more self-reliant families in healthy, sustainable communities.

We took a leap of faith, sensing we could learn how to support that and the universe would support us. Over four decades that faith felt mostly well-placed. Through changing economic and political winds, we pivoted, evolved, and grew. It was a passion for change, not charity. And it works.

Then along came COVID-19. Suddenly, we had to stop bringing people together to solve problems. Instead, we physically separated them. While our job was to connect people to training, ideas, education, capital, redevelopment projects, and each other, we soon realized that they first had to survive, as did we.



Marty Johnson '81

In our hometown of Trenton, as of the end of April, COVID cases are still increasing. Dense, high-poverty, inner-city settings are most threatened. But what should we do about it?

To support the thousands we serve each year, we had to pivot fast. First, we had to provide training and equipment to keep our staff and volunteers safe. We needed a common IT platform and new accounting systems.

It became clear as we talked with our tenants, students at Isles Youth Institute, green-job trainees, and so many others that mainstream-media messaging was not getting to the communities we serve. We had to educate, but we also had to provide more tools, like face masks. My colleague Cherie Hooks, who normally helps families test and clean up homes that are poisoning kids with lead, started sewing cloth masks at home and delivering them to families. Andre Thomas, who normally trains contractors and employees to become certified energy-efficiency and environmental-cleanup experts, started delivering food to our healthy homes. Tenants in our affordable housing lost work and could no longer afford rent. They needed access to services, too.

Teachers at Isles Youth Institute had to move education online, using a Google education platform. Thirteen students needed laptop computers, so we provided them. They and their families were hungry, so we expanded our food pantry.

It's not all crisis management. Some changes will teach us new ways forward. Isles is developing online and phone-based coaching for families who want to buy a home, fight foreclosure, and get their financial house in order. In two weeks in April, two families closed on new homes, online! Isles just had a seedling giveaway, supporting hundreds of families growing their own food in 70 community gardens. Our crews clean and green neighborhood parks, too, planning for when families can leave their homes.

Time will tell if people care enough to fund good organizations through this crisis. Isles applied for Payroll Protection Program funding within 90 minutes of the first opening. We were denied. Of dozens of nonprofits represented at a meeting then, only three had received PPP funding. We did succeed in the second round.

So we return to that leap of faith. This era both threatens and teaches us, but it too will pass. Let's do more than hope — let's make sure we learn from it.

A Professor as Performer in COVID's Backstage

Elyse Graham '07

Elyse Graham '07 is a professor at Stony Brook University in New York state.

I teach at a large public university. My department set up a dead man's switch — everyone checks in on a Google form regularly — to ensure our students will be taken care of if anyone falls sick. We moved our classes onto Zoom, which lets us meet by video conference; since one of the platform's features is the ability to change your video background, as though you have a green screen, I asked my students what background I should use for class meetings. One



The many faces of Elyse Graham '07

suggested a bunker; another suggested the basement from the movie *Parasite*.

The task, for teachers and students both, was daunting: Studies show that only 3 percent of students in the biggest online classes finish those classes. Something doesn't work in online education. Out of desperation, I turned to video apps popular among teens: Twitch, YouTube, TikTok. Maybe Generation Z, the cohort my students belong to, could teach me how to make compelling online videos.

"Do you know what a YouTuber is?" I asked my father.

"Isn't that a German submarine?" he said.

Dances and skits on these apps often require tremendous preparation, as though to point up the contradiction between the hidden labor and the spontaneous impression of the videos, which may last for mere seconds: days of rehearsing for a 15-second dance. I learned to liven dead air with background music; to make my points punchy and telegraphic; to break classes into shorter segments — 14 minutes long, say — with rests like breakout sessions. I wore costumes: wizard, Anne Boleyn, snow queen, Shakespeare. I ran one class meeting as a Dungeons and Dragons session, set in a realm devastated by plague. Anything to keep students logging in. One colleague reported that live attendance for his 9 a.m. lecture was zero.

The sociologist Erving Goffman used the term *backstage* to refer to spaces out of public view; we need time backstage to work up a strong performance onstage. In this new world, the stage has shrunk — to a few inches of screen, to info-bite

timespans strung clip by clip into facsimiles of living hours — while the backstage gets bigger and messier every day.

Stores reported that sales of dress shirts were soaring, while trouser sales idled — because people dressed formally "from the waist up" for video meetings, an executive said. But outside the camera's view, we were working as furiously as ducks paddling below the surface. Who cares if I wore bedroom slippers to class? I lost days to planning that Dungeons and Dragons session. (In our adventure, a ragtag band of heroes braved the perils of Long Island to recover valuable scrolls from a once-great center of learning, now abandoned.)

My classes stayed mostly full, but my students had plenty of legitimate gripes about the new situation: "It's hard to keep the same focus as being in a classroom." "I can hear my parents all the time, even though I'm in a separate room to do homework and stuff." "It's really loud, and I have no privacy." "I'm tired of doing laundry in the bathtub." "I worked at a restaurant. I hope we can reopen soon so that we can get some money again." "My parents can't go to work anymore, which means I have to take every shift at work I can get. It's hard to keep up."

Hair fell over my face; hair fell over my students' faces. Barbershops had long since closed. Even before the pandemic, trendwatchers said the mullet was making a comeback. A barber told my friend, back then, that ever more customers were requesting mullets: "Shorter on the sides, long in the back." Before he took out the scissors, the barber made them say the word "mullet" — just as a tattooist does due diligence before giving a face tattoo. Now we all have mullets; the pandemic took away that choice, too.

The COVID Fire in the Homes, on the Streets

Emily Nichols '99

Emily Nichols '99 was named director of New Orleans Emergency Medical Services in 2018.

As an emergency-department physician in New Orleans, I quickly accepted that contracting COVID-19 was an occupational hazard I was unlikely to avoid. My greatest fear was how my husband (who is also an ED physician) and I would keep from passing it on to our 5-year-old daughter and my 75-year-old mother. However, I also serve as director of New Orleans Emergency Medical Services. Knowing that my 160-plus teammates have the same feelings and concerns is a heavy emotional load to bear as an employer.

For all the care that I provide in the emergency department, I recognize that EMTs and paramedics do the same thing inside patients' homes and in the streets. I (and we, the community) often take this for granted. My employees are walking into COVID-covered spaces each day — I call it "the COVID fire." Some of our first patients with COVID-19 had symptoms that were not reported by the CDC until several weeks later.

There was so much that no one understood about this disease early on; each day brought new information and evolving guidelines. Our agency quickly implemented changes to keep our first responders protected — we now assume every

patient is infected with COVID-19, and we wear PPE on all medical calls regardless of symptoms. We start interviewing patients and families before we cross the threshold into their homes, and we've modified seemingly simple procedures like giving oxygen to prevent viral spread during transport to the hospital. We've trained our providers how to show compassion while wearing equipment like respirators or "gas masks" some have only seen in the movies. Yet it remains difficult to tell family members that they can't ride in the ambulance with their loved one for risk of transmission — there is no easy way to relay that message.

Almost half of my employees have become sick since our first known case March 9. Fortunately, no employee has succumbed to this disease, but we are all one or two degrees separated from someone who has. The number of prehospital cardiac arrests in New Orleans for April 2020 was three times the number for 2019 — many individuals never make it to hospital and are pronounced in their homes by my paramedics. I am scared yet confident this will affect the mental well-being of our nation's first responders. We are giving each other lots of virtual hugs but also reminding everyone that sometimes "it is OK to not be OK." Local businesses and people are supporting us in so many ways — the outpouring of kindness and good food makes each day a little lighter.

The first responders in New Orleans are some of the best in the world. We have endured so much in the last 15 years, but this is the first disaster we have dealt with where we cannot see it or predict its course. Our EMTs and medics risk their lives for the sake of completing their mission: "So others may live." My respect for prehospital medicine grows more and more every day. This empowers me to wake up each morning and lead.



Emily Nichols '99



Jesse Creed '07, center, with veterans Brian VanRiper, left, and Howard Hernandez.

'Safer at Home' When There's No Home

Jesse Max Creed '07

Jesse Max Creed '07 is an attorney in Los Angeles who has fought for homeless veterans in the area.

The COVID-19 pandemic has been a social and economic challenge for every citizen of the United States. But for homeless veterans, it appears to have brought opportunity and action. Since the COVID-19 outbreak, the federal, state, and local governments have moved swiftly to open up long-overdue shelters and safe spaces for social distancing. How can homeless veterans comply with "safer-at-home" orders without a home?

I have been a lawyer and advocate for homeless veterans in Los Angeles, which has about 3,850 homeless vets. With other lawyers, I represented a class of homeless veterans in a suit against the Veterans Administration to restore 388 acres in the heart of Los Angeles to its historic purpose as a "Soldiers' Home." The VA agreed to support construction of 1,200 permanent homes for homeless veterans. I now work with the developers to build those homes.

With COVID-19, there is no choice but to safely and swiftly shelter all the homeless, including homeless veterans. The status quo of street-living not only conflicts with the safer-at-home orders, but also would present a public-health disaster. Homeless veterans lack easy access to running water for hand washing. Many live in crowded encampments separated by hole-ridden polyester tents, posing challenges to social-distancing directives.

Like all Americans, homeless veterans are scared. Advocates pressed the VA and local governments to expedite housing solutions at the Soldiers' Home to protect the veterans' health and safety. On April 2, two weeks after California Gov. Gavin Newsom issued his stay-at-home order, the VA opened a "Bridge Home" shelter in partnership with the city and county of Los Angeles, set up 138 beds for veterans who need

to isolate or quarantine, and even created the first “tent city” in decades in Los Angeles. Any veteran may “safe camp” in tents on the 388-acre campus, which is predominantly open space. The camping program offers showers, restrooms, and hot meals. These new options complement the “safe parking” program I spearheaded, which allows homeless veterans living in their cars to park overnight on the campus, with access to a bathroom, meals, and water.

COVID-19 does not differentiate between the housed and the unhoused. This crisis is unique in that it has required the government to act to protect every individual, regardless of their political or economic powerlessness, because protecting each individual is necessary to protect the *whole* community. For the first time in my lifetime, there is a policy imperative to ensure the safety of a powerless minority — the homeless — to protect everyone alike.

A Working Parent, Now a Teacher

Theola DeBose '96

Theola DeBose '96 is the founder of JSkills, an AI-powered career-discovery platform for users to match their skills to multiple industries.

What I miss the most is the quiet. Before COVID-19 confinement, being a family of six seemed manageable. Sure, my husband and I found ourselves racing from one activity to another — breakdancing class! ballet! — but we made it work.

Now I wake up at 7 a.m., creep downstairs, and find that my 9-year-old son is already awake, streaming *Black-ish*. The dishwasher runs twice a day. The growth spurt of my 5-year-old son — who usually eats like a bird — has coincided exactly with quarantine. “Mom, can I have my lunch?” It’s 10:30 a.m.

I used to be alone for most of the day in a quiet house. As the founder of a tech startup, I came home after school drop-off, opened up my laptop, and jumped on Zoom calls before they were trendy. I worked at home until it was time for my children to be picked up. My husband cooked dinner, we ate, and eventually we all headed to sleep. The quotidian details of our weekends were Saturday French class, a kid basketball game, SAT prep for our 16-year-old son, and Sunday school.

When schools first closed, I was ready to take on homeschooling like any other challenge, by overachieving. I copied links to dozens of education websites and made up a master schedule in a spreadsheet.

That lasted two days. It didn’t ring true to the kids that they had to be learning spelling words at 11:30 a.m. And without me sitting next to them, it was too easy for them to walk away or click over to YouTube.

My work hasn’t stopped, so I find myself juggling webinars



**Theola DeBose '96
and her family in
Washington, D.C.**

and investor calls while making sure my 3-year-old daughter has a snack during her daily online class. It’s similar for my husband. We’ve both felt stretched thin, professionally and personally.

But as much as our forced togetherness has been at times annoying and frustrating, it’s also been a great gift. It turns out I’m not as much of a perfectionist as I thought.

Instead of sticking closely to schedules, we’ve skipped out on “class” to wander the neighborhood and collect sticks. One day I put dish soap in a pot, threw in a spoon, and told my 3-year-old it was water play. She loved it. At dinner, we have long conversations about the history of our family. We talk about coronavirus; the kids ask good questions. (“Daddy, what’s walking pneumonia?”)

I know with each passing quarantined day, my children are experiencing a historic and unforgettable moment in their lives. It could be the topic of college essays, first dates, anecdotes passed down to their children. “When I was quarantined because of coronavirus, I”

How will they complete that sentence? It’s my job as the parent to make memories with them so they have good answers. And if I have to give up some quiet to make that happen, it will be worth it. ♦

HOW TO LIVE As the Ancients Did

*From drinking
to ruling
to growing old,
a series of
books offers
classic advice*

BY YUNG IN CHAE '15

A certain leader of a powerful state is an erratic, controversial man. He indulges in cruelty and freely retaliates against those who betray him. Whenever he can, he escapes to a resort far from the seat of government. He doesn't seem to like his job very much.

You know who that's describing, right? (Hint: His name begins with "T.") Tiberius, of course! Maybe you were thinking about someone else, however — and that's the conceit of *How to Be a Bad Emperor* (2020), a recent installment in Princeton University Press's "Ancient Wisdom for Modern Readers" series. The book features four Roman emperors who are bad in outrageous yet familiar ways. Caesar "had to be the best at everything — fighting, writing, even making love"; at the same time, he was insecure about his (lack of) hair and at one point appeared to have a comb-over. Rumor has it that Caligula tried to name his favorite horse a consul, a high-ranking magistrate. (There have been worse political appointments.) At the end of his troubled reign, Nero "allows himself to be distracted by insults thrown at him, is easily panicked, and through his indecisiveness eventually loses all of his allies."

How to Be a Bad Emperor collates translated excerpts from *Lives of the Caesars*, a set of biographies by the historian Suetonius about Caesar and the 11 emperors who came after him. Suetonius, who lived and wrote during the early Roman Empire, knew quite a bit about emperors because he worked for two: Trajan and then Hadrian, as his secretary, until he was fired for being too informal with the empress. With *Lives of the Caesars*, Suetonius wanted to demystify his elevated subjects by drawing upon facts and rumors alike. The result is a vivid and unsettling study of what power does to people.

"In a reversal of the usual self-help formula," the translator, Josiah Osgood, writes in the introduction, "*How to Be a Bad Emperor* becomes a guide to how you can be a good leader, whatever your role in life."

All the books in the series — there are currently 13, with two more coming out in October — have titles in the "how-to" format: *How to Run a Country*, *How to Be a Friend*, *How to Keep Your Cool*, *How to Think About War*, *How to Think About God*, and the most recent: *How to Drink*, which might be especially popular in the age of COVID-19. They are translations of ancient works that juxtapose the text in the original language and an English rendering, usually with the former on one page and the latter on the opposite page; a layout popularized by Harvard

Nate Kitch



University Press's red-and-green Loeb Classical Library.

Rob Tempio, PUP's publisher for philosophy, political theory, and the ancient world, describes the books as "gateway drugs," as he hopes they'll hook readers and entice them to read even more: A reader who studied the liberal arts in college rediscovers a love for old books. Someone who never read the classics before is suddenly curious. Cicero leads to Demosthenes, Thucydides to Herodotus.

"The idea is to provide an entrée into classical texts," Tempio explains, "framed as how-to books for modern readers so that they can get a sense of how to approach these books and find them useful." Many readers wouldn't think to pick up *Lives of the Caesars* otherwise: They may not understand the significance and relevance of the text; they may assume that it is too difficult or boring. A familiar, approachable title bridges the past and the present.

While the shorter texts (such as the Roman orator Marcus Tullius Cicero's treatise *On Old Age*, which PUP repackaged as *How to Grow Old*) are published intact, others in the series consist of selections that the translator glued together to form a coherent body of instruction. *How to Die*, for example, gathers the Roman philosopher Seneca's meditations on death, which are scattered across disparate works. The book's chapters are titled according to the advice on offer: "Prepare yourself," "Have no fear," "Have no regrets," "Set yourself free," and "Become a part of the whole."

"He who fears death will never do anything to help the living," Seneca tells us in the second chapter. "But he who knows that this was decreed the moment he was conceived will live by principle and at the same time will ensure, using the same power of mind, that nothing of what happens to him comes as a surprise."

"[Seneca] never wrote a single treatise *On Death*, but he comes back to the theme again and again, no matter what title he was writing under," says James S. Romm, the translator of *How to Die*. "So I thought it would be useful and clarifying to move those passages out of their context and assemble them into a whole. The theme was my guide. The lessons, I hope, are Seneca's."

Similarly, *How to Win an Argument* is a collection of writings by Marcus Tullius Cicero on rhetoric, translated by James M. May. Cicero was Rome's greatest orator; in *How to Win an Argument*, he reveals his tricks. After a lengthy explication of rhetoric as a concept, its elements and functions, Cicero gives concrete advice to prospective orators. For example, he writes that his "first rule" is to find a good model for imitation.

*Do we listen to Cicero
because he gives good
advice, or does Cicero
seem to give good advice
because we decided that
he's worth listening to?*

"The next thing, to be joined by this," he goes on, "is practice, through which he must imitate and thus carefully reproduce his chosen model." He also draws a connection between speaking well and writing well: "What is fundamental ... is something that, to be honest, we do least of all (for it involves a great deal of effort, which most of us try to avoid) — I mean writing as much as possible."

The *How to* series did not start out as a series. It started out as a single, stand-alone book: *How to Win an Election*, Philip Freeman's translation of a letter sent by Quintus Tullius Cicero to his much more famous brother, advising him on his campaign for consul. *How to Win an Election*, which was published during the 2012 primary season, attracted readers with both its novelty and its timeliness. Quintus's wisdom — such as the importance of hope in attracting votes — seemed especially pertinent as Barack Obama sought reelection.

The book's success inspired Tempio to ask Freeman if he had other ideas, and he did: The second book in the series was *How to Run a Country*, followed by *How to Grow Old*. "I would come to my colleagues and say, 'I've got another book for our informal series,'" Tempio recalls. "And they would say, 'Why don't we make it a formal series?' So we came up with 'Ancient Wisdom for Modern Readers.'"

How to Win an Election is still one of the series' bestsellers, especially during election cycles. Other popular titles are *How to Win an Argument*, *How to Grow Old*, *How to Die*, and *How to Be Free*, perhaps due to the relatable topics. Timothy Wilkins, the sales director at PUP, says the books are reaching academic and nonacademic audiences alike, as evidenced by their popularity at both conferences and retailers. Blackwell's of Oxford stocks the series, while Labyrinth Books in Princeton displays it right below the checkout counter. Tempio notes that a Thai publisher recently purchased the translation rights to a few of the books. In total, the series has sold more than 150,000 copies.

How useful is the advice the books offer? In a 2012 review of *How to Win an Election* for *The New York Times*, Garry Wills argues that Freeman's translation distorts the context of the letter in an effort to make it more relevant to present-day politics. For example, one piece of Quintus's advice has to do with his brother's status as a *novus homo*, which Freeman translates as "outsider": a descriptor that now reflects positively on a candidate, if the last couple of presidential elections are any indication.

But Wills points out that in Cicero's time, *novus homo* — the first man in his family to become consul — was a pejorative, and being one was a political liability. "All through we are given this kind of false relevance," Wills writes. In other words, if the advice seems timely, it's because the translator made it so.

It makes sense that advice for a different type of election in a different time and place, under a different system, doesn't neatly map onto the 21st-century United States. If anything, the expectation that people from the past can advise the present should be as strange as it is stubborn. And yet, the series' popularity suggests that there is something compelling about ancient wisdom.



Tempio thinks ancient wisdom derives its allure in part from being ancient. “Just the fact that people were giving the same advice 2,000 years ago makes it appealing,” he says. “[It’s] the sense that they got something right even though the conditions were so radically different in many ways.”

But ancient wisdom doesn’t have to be right to be relevant, or relevant to be interesting. In the preface to *How to Think About War*, translator Johanna Hanink writes, “I wanted to acknowledge the disastrous course of action that Athens pursued at the time, despite the city’s renown for the rhetorical and deliberative culture epitomized in those very speeches.”

“It was very important for me,” she explains in an interview, “that Rob [Tempio] agreed to let me put a critical frame around Thucydides’s speeches. I think it’s critical to present these ancient texts as conversation starters, not absolute truths, because I think the past can be most useful when we look to it for questions rather than answers.”

Acknowledging that ancient wisdom is produced and received in different contexts can also be productive. One piece of advice from Seneca in *How to Die* is to “set yourself free” — in other words, to commit suicide. This may come across as bizarre and even tone-deaf in our era of increased suicide awareness and prevention activism.

“Seneca does not advocate the kind of suicide we mostly see today: deaths of despair or mental disturbance,” Romm says. “He speaks of what we now term ‘rational suicide,’ undertaken by someone in full possession of his or her faculties but suffering some pain or illness that makes life not worth

living. We have ‘right to die’ laws in some states that address the same issue, and other states are trying to pass them.

“The other point is that Seneca lived in an autocracy where the emperor had sole right of life and death over aristocrats like Seneca,” Romm notes. “Forced suicide was a common occurrence and in fact the way Seneca himself met his end.”

Robert Kaster, a professor emeritus of classics at Princeton who wrote a blurb for *How to Die*, finds some of Seneca’s advice to be more useful than other suggestions. “Now in my 70s, I can take ‘prepare yourself’ to heart more easily than previously, though I don’t foresee an inclination to ‘set myself free’ in Seneca’s sense!” he says. “I don’t have the Stoics’ belief about the mind’s taking its place in the great cosmic Logos after death — easier for them, perhaps, since, being materialists, they took the mind to be a physical entity. But ‘have no fear’ and ‘have no regrets’ are pieces of advice I think anyone would benefit from working on.

“I also think that ancient wisdom should be valued not because it’s ancient but when it’s wise. We don’t need Aristotle on natural slavery, and there aren’t many — Musonius Rufus being the main exception — who did terribly well with women,” Kaster adds. “But there are elements of Stoicism, in particular, that I find not just worthwhile but quite beautiful.”

Of course, it is impossible to separate the credibility of dead white men from the authority that we afford dead white men, especially those from ancient Greece and Rome. Do we listen to Cicero because he gives good advice, or does Cicero seem to give good advice because we decided that he’s worth listening to? While the official name of the series is “Ancient Wisdom for Modern Readers,” the current collection consists exclusively of texts in Ancient Greek and Latin.

But Tempio says the “ancient” part was conceived in a broad way, and he resisted labeling the series “classical wisdom” in order not to limit the range to classical texts. “[The decision] wasn’t ideological per se, it’s just that it’s so much more interesting to think of ‘ancient’ in a broader sense,” he said. He has spoken to one person about doing a translation of the Jewish philosopher Maimonides and another person about translating Chinese texts.

The series can also grow in other, important ways. Hanink is its first and only female translator (as well as the first woman to translate Thucydides into English), and there are no female authors, both of which Tempio hopes to change. “Ancient Wisdom for Modern Readers” may look very different in another eight years.

“Diversity is important, full stop,” Tempio says, noting that he hopes to cover “the full range of perspectives that might be on offer.” After all, he says, these are guides to ancient wisdom — “and if there is a patron god of a [book] series with wisdom in the title, it’s Athena.” ♦

Yung In Chae ’15 is a writer and editor-at-large of Eidolon, an online magazine for modern approaches to the classics.

Outside
Massachusetts
General Hospital,
from left: Edward
Ryan '84, David
Brown '85, Erica
Shenoy '98, Jeffrey
Ecker '84, and
Paul Biddinger '90



WAITING FOR THE SURGE

Alumni doctors have
faced COVID-19 together

BY MARK F. BERNSTEIN '83

Every day was a long day for the doctors at Massachusetts General Hospital as they waited for the surge of COVID-19 cases to hit Boston. They had been tracking the outbreak since late January, when the first cases were reported in China, but could do nothing to stop it as cases began to pop up across the United States. All they could do was plan, stock up on supplies, and brace for the worst.

Planning for the worst is Paul Biddinger '90's job. Biddinger is the chief of emergency preparedness and director of the Center for Disaster Medicine at Mass General, the original teaching hospital for Harvard Medical School and one of the largest hospitals in the United States, with more than

Paul Batista/MGH Photo



1,000 beds. Since 2015, following the Ebola outbreak, it has also been one of 10 hospitals in the country designated by the Department of Health and Human Services as a Regional Ebola and Other Special Pathogens Treatment Center. For nearly five years, Biddinger, Erica Shenoy '98, the associate chief of Mass General's infection-control unit, and other physicians have been war-gaming for an international pandemic, devising protocols for everything from how to keep oxygen evaporators from freezing because of overuse to the proper methods for putting on and removing personal protective equipment. (Unless otherwise indicated, all interviews were conducted during the first two weeks of April.)

No pandemic, when it comes, is exactly like the ones that had been planned for. COVID-19, Biddinger says, initially fell on the extreme end of their models, especially in terms of the degree to which it can be spread by people who show no

obvious symptoms. Since January, he and Shenoy have found their days filled with a seemingly endless stream of meetings — virtual, of course — with doctors at Mass General and Partners HealthCare, the consortium of hospitals, clinics, and health-care providers of which Mass General is a part. (Biddinger also serves on the governor's coronavirus task force, advising hospitals around Massachusetts.)

"Literally every minute is accounted for," he says, trying to respond to incoming texts and emails while he talks. "It can be a 12, 14, 16, 18-hour day before you go home."

Much of their time has been spent making sure the hospitals don't run out of supplies. Do they have enough masks? Swabs? Ventilators? Testing kits? Notes Charles Morris '92, associate chief medical officer at Brigham & Women's Hospital, which is also part of Partners HealthCare: "A huge portion of the day is focused on the supply chain."

“In emergency medicine, we signed up for this a long time ago with the expectation that we would be the first wave on the beach.” – David Brown ’85

Shortages continued to pop up, forcing Shenoy to rethink protocols for conserving supplies such as disposable gowns. Mass General began working with Battelle, a nonprofit based in Ohio, to decontaminate N95 respirator masks using concentrated hydrogen peroxide gas so they can be used again. Battelle opened a decontamination unit with the capacity to sterilize 80,000 masks a day in an empty former Kmart store in nearby Somerville.

COVID-19 has transformed every part of Mass General, as it has many other hospitals around the United States. There are fewer cases than usual in the emergency room, says David Brown ’85, chief of Mass General’s department of emergency medicine, but the patients are sicker. Normally they would admit about 25 percent of ER patients; now they were admitting 40 percent, and many of them were going to the intensive-care unit. Normally doctors would see two or three patients a day who were so ill they needed to be put on ventilators. In mid-April they were seeing six to 10 each day.

Necessity being the mother of invention, the hospital began using personal protective booths called “hexapods” for screening patients in the ER. A doctor stands inside a plexiglass booth and administers nasal swab tests to patients, working through gloved portholes. The booths have negative air flow, so physicians can work without wearing full protective equipment, which also helps conserve those supplies for other cases.

Mass General had to remain a functioning hospital for everyone even as it dealt with the surge of COVID patients. As Brown notes, emergencies don’t take a vacation just because there’s a pandemic. “Heart attacks and strokes and trauma and sepsis all require evaluation, investigation, and time-sensitive treatment,” he says. “We have to be able to take care of those patients, too.” But someone coming in with a broken arm might also have COVID, which if undiagnosed could infect everyone else in the unit. For that reason, everyone in the hospital, patients and staff, wears a protective mask at all times.

Visitors have been barred from the hospital, and all non-essential business has been diverted elsewhere. In the obstetrics department, phone calls or virtual visits substitute for in-person visits. The department began sending blood-pressure cuffs to pregnant women so they could take their blood pressure at home rather than having it checked at the hospital. “We have very quickly redesigned what prenatal care looks like,” says Jeffrey Ecker ’84, chief of the department of obstetrics and gynecology. New cycles of in vitro fertilization were also deferred in most cases.

Perhaps the most important variable in managing the outbreak is testing. “We have to know who has COVID and who doesn’t,” Biddinger explains. “If we can’t get test results back quickly, that’s a huge problem.” Fortunately, the turnaround rate improved considerably, from as long as five days back in February to fewer than 12 hours in some cases to as little as two hours by the end of April, which is critical because it enables

hospital administrators to determine who may safely come to work. “If we can test people and get the result back right away, we have a better chance of avoiding a staff shortage that would affect our ability to take care of patients,” Biddinger says.

Biddinger credited physical distancing with helping to “flatten the curve,” which had enabled the hospital to avoid the worst-case scenario he and others had feared. Even so, he notes, Mass General had to open four new ICU spaces around the hospital to handle the overflow of people on ventilators.

The alumni doctors at Mass General are not sanguine about when life will return to something approaching normal, either in Boston or around the country.

“It will take months to trend down from the peak,” Biddinger predicts. “Folks who are critically ill in the ICU stay critically ill for longer than other patients. It’s going to take a while for the health-care system to even vaguely get back to normal, and it will take a lot longer than that for people to *feel* back to normal. We’re all starting to treat each other differently, we’re all staying six feet away from each other, we’re all treating each other as potential sources of infection. Recreating those human bonds is going to be really hard.”

Edward Ryan ’84, Mass General’s director of global infectious diseases, is blunt in his assessment that this could be a one- to two-year process. “It’s a long-term ground war; it’s not like hunkering down for a hurricane,” he says. “Even if we get through this first wave, there is a reasonable chance that the virus will come back in August or September. So how do we unwind our social distancing? If we just send everyone back to work, the number of infections will probably flare again.”

In addition to his other work, Ryan directs a research laboratory at Mass General that focuses on infectious diseases such as COVID-19. Like others around the world, these researchers are working full time to develop a vaccine, but Ryan cautions that we are still many months away from having one that could be deployed on a large scale.

“There are only two end games here,” he says, assessing the immediate future. “One is that we let the virus sweep the planet repeatedly until everyone who survives is immune. Obviously that has a lot of disadvantages, but it is basically what we did in the influenza outbreak in 1918. The other end game is to shortcut it by developing a vaccine and deploy that in nine to 18 months. In this current wave, only 5 to 10 percent of the United States is probably going to get infected. So 90 to 95 percent of people will still be at risk after this wave passes. This [virus] is a nasty beast.”

In other words, the physicians have more long days ahead. It might seem hard to keep from burning out, but Brown sees things differently. “In emergency medicine, we signed up for this a long time ago with the expectation that we would be the first wave on the beach,” he says. “I certainly consider it the honor and privilege of a career to work in a department that can serve our patients and our community at a time like this.” ♦

Mark F. Bernstein ’83 is PAW’s senior writer.

PRINCETONIANS

WHERE THE WILD THINGS ARE: Noah Mihan '19 started the Princeton Conservation Society, a group of about 100 students who take nature excursions and promote conservation. Now Mihan is directing the Creature Hero Foundation created by Chris and Martin Kratt, the brothers behind the PBS shows *Wild Kratts* and *Zoboomafoo*. Creature Hero aims to empower children to help protect the animals they love. "Now, when so many wild areas are disappearing, that voice matters more than ever," says Mihan, who is seen here hiking in Canada last year. 🐾

READ MORE about Mihan at paw.princeton.edu/tiger-of-the-week



© Sophie Kim Brookes '20



The Alumni Faculty Forum "A User's Guide to Government" featured, from top left, Professor Nolan McCarty, Steve Forbes '70, Jennifer Greenleaf '05, Ben Dworkin '90, Michael Signer '95, and Deni Taveras '03.

Richardson Auditorium, this year updated more than 900 listeners from his office, focusing largely on the pandemic. Princeton was preparing to reopen libraries and restart research as soon as the state allowed it, he said. Graduate programs were expected to resume in the fall, though it remained unclear how undergraduate education would proceed. (See page 16 for a story on campus planning.)

Faculty members have been asked to prepare under the assumption that classes will be online in the fall, Eisgruber told alumni, noting that there would be a "hybrid" experience at a minimum, since travel restrictions probably mean that not all students would be able to return.

In the question-and-answer period (alumni submitted questions through the platform's chat function), Eisgruber addressed COVID-19's effects on Princeton's budget. Spending from the endowment would increase for the short term, but that strategy was not sustainable — and the University was "beginning to exercise some budget discipline" to protect teaching and research, he said. (See page 19 for a story about budget impacts.)

One alumna mentioned the protests stemming from the death of George Floyd and asked Eisgruber how Princeton was addressing issues of race. The president noted Princeton's efforts to diversify the student body, saying recent events illustrate why that is so important.

Perhaps the most impressive bit of programming was the virtual P-rade, an hourlong pre-recorded homage to alumni — especially to this year's major Reunions classes. The video began with lighthearted facts about the P-rade — this year, called the V-rade — and was kicked off by Schein leading the Old Guard. As the oldest alumnus for the past five years, Schein typically wows onlookers by walking the entire P-rade route. This year, it was his empathy and eloquence that won the day. In a recorded message,

VIRTUAL REUNIONS

A PRINCETON FIRST: REUNING APART

Class of 1970 co-president George Bustin '70 was skeptical about this year's virtual Reunions — a Princeton first — but he came away impressed. "The virtual P-rade was very well done, entertaining, nostalgic," he said. "Of course it was no substitute for the 'real' thing, but as good as possible in the circumstances."

The effort required a nimble pivot by the Alumni Engagement team, which within eight weeks assembled a virtual celebration with about 200 events, according to Deputy Vice President for Alumni Engagement Alexandra Day '02. She described the weekend as a "gift at a moment when we felt like we all need community, healing, and uplift more than ever."

Some alumni might even have preferred a few of the virtual events. The Alumni Council meeting is normally held over lunch in a stifling Rockefeller Dining Hall for a capacity audience of about 200; this year, Chair Rich Holland '96 presided with a Zoom backdrop of Rocky while more than 400 alumni "attended" in comfort. President Eisgruber '83, wearing his black-and-orange-stripe class jacket, gave his traditional address from what looked like a home library. The Council's service awards were presented

with the traditional citations to four Princetonians: Alfred Bush, the former curator of Western Americana at the library and a supporter and mentor of Native American students; Carol A. Obertubbesing '73, a longtime leader of the Princeton Club of Chicago; Sue Pierson, director of residential dining and honorary member of seven classes; and Bambi Tsui '09, who has enriched the Princetoniana collections by finding University-related items online and creating a virtual Princetoniana museum. Throughout the Reunions meeting, observers posted congratulations to award winners and presenters via Zoom's chat function.

A highlight of the Alumni Council session was Eisgruber's presentation of the silver-topped Class of 1923 cane to 105-year-old Joe Schein '37. The cane is awarded to the oldest alum in the oldest class to march in the P-rade; while there was no actual marching this year, Schein made a short acceptance speech.

"Reunions is a feeling," Holland said, suggesting that the feeling remained even if the events were virtual. "Reunions is an embodiment of our great alumni experience."

Eisgruber, who usually meets with alumni at a "town hall" meeting in

he said holding Reunions despite the pandemic was “a sign of love in another time of great uncertainty. My Princeton experience transformed my life ... and continues to do so in my prolonged senescence.” Addressing the Class of 2020, he acknowledged that it is entering a world of turmoil but also “one of infinite possibilities.”

From there, the classes “processed” in their usual order, each class announced by P-rade narrator Gary M. King ’79, accompanied by lively music and a photo collage from Reunions past. For the major Reunions classes and the APGA, there were also class photos taken over Zoom and recorded messages from their leaders. The Class of 1990 flashed several screens filled with faces in a Zoom grid for a total of 237 classmates, the biggest class photo of the event. Throughout the photo montages, P-rade marshals popped up in an inset box with familiar admonitions, such as “Please keep your feet out of the street, boys and girls!” and “Please, please don’t pass alcohol to the Old Guard!”

Most classes’ messages included words of support for the 2020 grads. “The exceptional talent and potential in your class and the resources and resilience of Princeton’s alumni body as a whole will carry us through this onto better days,” said Bustin in his recorded message. The P-rade concluded with a locomotive comprising 160 alumni whose video recordings were edited together.

Evening programming included Zoom tent parties, where DJs and bands performed for grids of alumni partying along in their driveways and kitchens and catching up with each other using the platform’s chat function.

“Short of virtual reality, that was as good as it gets,” said Reunions co-chair Meaghan Byrne ’10, whose tent party of about 260 attendees was entertained by the ’80s cover band Rubix Kube.

Speaking in early June, Day said the University had invited the classes of 1970 and 1995 to return to campus next year to make up their celebrations. Other classes might follow the example of 2010, which next year will have a Friday-night event at Morven, the former New Jersey governor’s mansion, before joining in the P-rade on Saturday. But any planning for

next year, Day acknowledged, could still be derailed by the virus.

Day said she had heard from many alumni who hoped the virtual events could continue as a supplement to in-person activities, and that her team is looking at all options. Still, she said, “part of the success of this year is our audience was only a digital one, so we could really tailor what we were doing for those tuning in digitally.”

“I’m grateful and proud of my colleagues and alumni for stepping

up, but I don’t think [virtual Reunions] could ever replace what we feel and do when we come together in person,” she said. “It will inform how we approach Reunions planning in the future, but it will by no means eclipse what we have been trying to do with this beautiful tradition for many, many decades.” ♦
By C.C. and staff

 **READ** more Reunions coverage, including a story about a discussion with Fed Chairman Jerome Powell ’75, at paw.princeton.edu



DIE-HARD TIGERS: Al Muller ’62, left, and Al Barr ’62, top photo, have had a friendly competition to attend every Class of 1962 reunion. Even in this extraordinary year, they managed to keep the 58-year record intact. Below, members and spouses of the Class of ’65 met up for a rogue P-rade, which they marched in record time (52 minutes) to a soundtrack of golden oldies. They included, from left, Mary and John Potter ’65, Pattie Friend w’65 (seated), Susan and Dick Brown ’65, and Rick Ober ’65.



ESSAY: CLASS OF 1970

A COMMENCEMENT TO REMEMBER

By Landon Y. Jones '66



Landon Y. Jones '66 is the former editor of PAW, Money and People magazines.

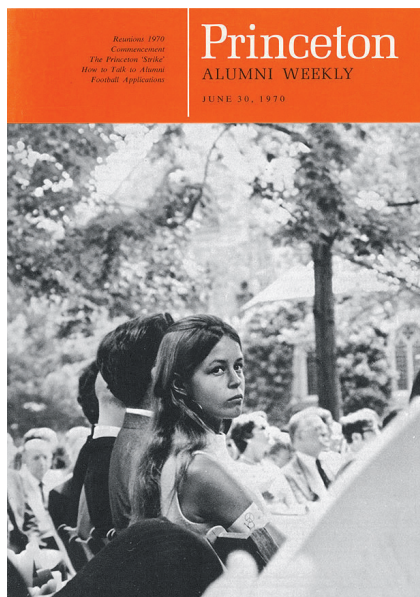
This year's virtual graduation of the Class of 2020 might seem to be the most unusual of all Princeton commencements. But go back 50 years: On June 9, 1970, the Class of 1970 gathered under the elms in front of Nassau Hall for a most extraordinary graduation.

One reason is that the graduating class included eight women — for the first time. They had transferred to Princeton the previous fall with the advent of coeducation and 10 months later would become Princeton's first female A.B. graduates.

The men and women of '70 had disdained wearing traditional academic gowns at graduation as part of their yearlong protest against the Vietnam War. It was the year of the Hickel Heckle,

the student strike, the teach-in in Dillon Gym, and the protests at the off-campus Institute for Defense Analyses.

Under (and in) the trees in front of Nassau Hall was a group of uninvited visitors. This was the periodic cohort



of approximately 1 million blueish-black cicadas with beady red eyes, hard orange-and-black shells and wings, and a vocal presence. It was Brood X of the 17-year cicadas (*Magicicada septendecim*) cacophonously announcing their return for the first time since 1953.

They would soon become the nation's best-known cicadas because they would be celebrated by an unlikely troubadour. Sitting on the stage in front of Nassau Hall was an array of honorary-degree recipients, which included the columnist Walter Lippmann, civil-rights leader Coretta Scott King, and ... Bob Dylan.

Dylan grew visibly uneasy during the ceremony, especially when the University orator fulsomely bellowed, "Although he is now approaching the perilous age of 30, his music remains the authentic expression of the disturbed and concerned conscience of young America."

I saw all of this up close since, as the then-editor of PAW, I assigned myself the story. When the ceremony began I wandered around those seated in the audience until I found Dylan's entourage: the singer David Crosby sitting with Dylan's wife, Sara. Both of them seemed amused by Dylan's apparent discomfort

The June 30, 1970, cover of PAW featured Priscilla Read '70, photographed wearing a protest armband during Commencement. Read was one of eight women to graduate that spring.

From top left: William E. Sauro/New York Times Co./Getty Images; Princeton University Archives/Princeton University Library; Bill Leahy

OPPOSITE PAGE FROM LEFT:

Coretta Scott King, a civil-rights leader and widow of the Rev. Martin Luther King Jr., and singer/songwriter Bob Dylan after receiving honorary degrees at Commencement in 1970.

Class president Stewart Dill McBride '70 (left), Hal Strelnick '70, and Michael Calhoun '70 (behind), lead graduates through FitzRandolph Gate after their Commencement. Most seniors skipped the traditional Commencement gowns and wore armbands symbolizing their desire to end the Vietnam War.

onstage. He had initially refused to wear a gown and mortarboard to show his support for the students.

Perhaps to Dylan's liking, however, the orator's words were mostly drowned out by the multi-decibel racket of the cicadas' mating calls. Later that year, in his album *New Morning*, Dylan released his song "Day of the Locusts," about the cicadas:

*Yeah, the locusts sang, it gave me a chill,
Oh the locusts sang such a sweet melody
Oh, the locusts sang their high
whining trill*

*Yeah, the locusts sang, and they were
singing for me.*

After the ceremony, the Class of '70 marched out through the FitzRandolph Gate, opened for the first time for the graduating class. The honorary-degree recipients gathered in the Faculty Room in Nassau Hall to have their official portrait taken. I took the opportunity to ask Dylan an innocuous question. "I don't wanna talk about it," he replied, as he did to every other journalist who approached him. Instead, as his song relates:

*I put down my robe
Picked up my diploma
Took hold of my sweetheart and away
we did drive
Straight to the hills, the black hills
of Dakota*

Sure was glad to get out of there alive.

Dylan would later accept an honorary degree from the University of St. Andrews in Scotland as well as the 2016 Nobel Prize in Literature. Poetically, Brood X of *Magicalcadas septendecim* will return to Princeton next year, as it does every 17 years, to serenade 1970's grandchild class, the Class of 2020, at its postponed on-campus Commencement. Some early arrivals may be here already, trying out their "sweet melody." ♦

NATALIE GUO '12

AMID PANDEMIC, A WIN-WIN SOLUTION

In March, Natalie Guo '12 was in the midst of a clinical surgery rotation at Massachusetts General Hospital as a Harvard Medical School student. With the emergence of the coronavirus pandemic, Guo was sent home as the hospital prepared for an influx of COVID-19 patients. The next day, she happened to see a news report about millions of food-industry workers being laid off due to stay-at-home orders.



Guo, who worked in finance before medical school, saw an opportunity to help health-care workers and restaurant employees. Workers weren't just overwhelmed with patients but in many cases their cafeterias had been closed to curb infection risks. Meanwhile, restaurants needed a stream of revenue as their dine-in sales fell to zero.

Guo drafted an email to about 70 friends asking for donations, and she called chefs in Boston to see if they would take part. Four days later, Guo's organization, Off Their Plate, served its first 90 meals at Brigham and Women's Hospital.

Within a few weeks, the group had raised \$3 million in donations and had served more than 100,000 meals from more than 90 participating restaurants. In addition to Boston, as of early May Off Their Plate was serving meals in Chicago, Los Angeles, New York, Philadelphia, Pittsburgh, San Francisco, Seattle, and Washington, D.C.

Richard Lu '16, a Harvard Medical School classmate of Guo who helps with its budget and logistics, said three things have propelled the effort — "the urgency of this crisis, the simplicity of our mission, and, most importantly, the endless drive from our team members and their broader communities to support vulnerable workers on the front lines."

The effort has attracted some 150 volunteers — including at least nine Princeton alums — who help with things like outreach to restaurants and hospitals, logistics, fundraising, etc.

Participating restaurants must accept a flat payment of \$10 per meal — and half of that must go to the restaurant's workers. That's a higher percentage than is typical in the restaurant industry. "This is a time when the individuals are in greater need than the businesses," says Guo. "It's something chefs have to think creatively about. It's a whole new model. For chefs who are willing to innovate now, they can jump on board."

Off Their Plate has struck deals with a wide variety of restaurants in each city, from African to Thai to tapas. When seeking partners, Guo says she asks the restaurant to imagine "packing a really delicious bento box. It won't be surf and turf. But it has to be nourishing, to get people through work for a few hours. It won't be a sloppy Joe or pizza."

Guo expects the project may deliver as many as 30,000 meals per week, and she is pleased by the response. She's heard of nurses who received meals and donate to Off Their Plate, at an amount many times over the cost of their meal. "Food is food, but food also conveys a sense of comfort," she says. ♦ By Louis Jacobson '92



Atara Cohen '16 graduated with a degree in religion and a certificate in Judaic studies. On campus she focused her non-academic time on interfaith work.

ATARA COHEN '16

THE 'VALUES GO DEEP'

Alumna is Princeton's first to be ordained as Orthodox rabbi

Atara Cohen '16 was 11 when she began studying Talmud at her Modern Orthodox Jewish day school in Riverdale, N.Y. "I loved it," she says. What she relished most was delving into the contradictions within the Talmud, a centuries-old compilation of rabbis debating Jewish law.

"On one page, it would say something like, 'Suffering is great. It absolves sins.' Another page would say, 'Suffering is something you don't have to accept,'" she says. "Arguing out the logic is a lot of fun. The ideas and values go deep." That fascination with probing Jewish thought, coupled with a desire to serve the community, led Cohen to become the first Princeton alumna to be ordained as an Orthodox rabbi, according to Rabbi Julie Roth, the executive director of the University's Center for Jewish Life. The ceremony was held on Zoom June 9.

Women have long served as rabbis in Judaism's Reform and Conservative movements, but Orthodox Judaism has barred women from many roles, including rabbi. Cohen has spent the last

four years studying at Yeshivat Maharat, the first school to train female clergy in the Orthodox tradition, though it is not sanctioned by most Orthodox governing bodies. Founded in 2009, the school — at the synagogue that Cohen attended while growing up — has more than 30 graduates. All the students are women.

Cohen doesn't focus on seeing herself as a trailblazer or on the controversies surrounding her role. "I find it incredibly exhausting to have conversations about

"I find it incredibly exhausting to have conversations about whether it's OK for women to be rabbis."

— Atara Cohen '16

whether it's OK for women to be rabbis," she says. "I've found I don't need to have those conversations. For me, I just need to do the work, and the work will show for itself that what I'm doing is worthwhile."

With her job search on pause due to the pandemic, Cohen hopes to eventually find a position in which she can bring tradition into people's lives, either at a synagogue, a college campus, or a social-justice organization.

In the last few years, Cohen has served the community in a various roles, from an internship as a hospital chaplain at Mount Sinai Beth Israel in Manhattan to a summer working at a human-rights organization to teaching second-century texts to congregants at Congregation Beit Simchat Torah in New York City, where she is a pastoral and educational intern. During the COVID-19 crisis, she has been leading classes online and comforting congregants by phone.

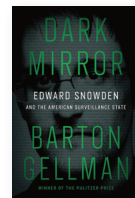
"Some are dealing with loneliness, some are coping with four children under the age of 5," says Cohen, who often shares psalms that address modern issues with congregants. "Reading ancient texts that describe people in predicaments makes us feel less lonely," she says. "I believe Torah always speaks to the current moment." ♦ *By Jennifer Altmann*

NEW RELEASES



Laura Hankin '10 draws on her experiences as a young artist in New York City in her new novel, *Happy & You Know It* (Berkley Books). As her former bandmates shoot

to stardom, a singer named Claire takes an unexpected gig performing at Park Avenue playgroups and uncovers the dark secrets of the mothers who pay her bills.



In 2013, journalist **Barton Gellman '82** was contacted by a person codenamed "Verax" — Edward Snowden. In *Dark Mirror* (Penguin) Gellman

recounts his experiences reporting the extremely sensitive story under heavy governmental pressure and his broader reflections on the surveillance state in America. ♦

Hear Her Roar

By Stella Zawistowski '00



Stella Daily Zawistowski '00 is a trivia writer and crossword constructor in Brooklyn, New York. A competitive

solver, she placed fourth in the 2019 American Crossword Puzzle Tournament. This puzzle honors 50 years of undergraduate coeducation. ♦

Across

1. Mass of gum or money
4. "Silent Spring" pesticide
7. H-bomb, e.g.
10. Held the helm
13. Before, poetically
14. Gun, as an engine
15. Look over
16. Rocks at a bar?
17. *86 alumna who was once head of the EPA
20. "___ Roars" (2018 Princeton women's conference)
21. Tiger's dwelling (no, not a dorm!)
22. Couldn't go any lower
24. Jewish ascetic of old
27. Word skipped when alphabetizing
28. '91 alumna and bestselling author of *Mrs. Everything*
33. Princeton Chapel caretaker
34. Molecule studied in MOL 214/EEB 214
35. Clownfish of film
36. Ctrl-___-Del
37. Gumshoe
39. The class of '21, currently
41. Two-bagger (abbr.)
42. Talking too smoothly
44. "Huh?!"
46. Sprint subsidiary, in telecoms
48. '76 alumna and Supreme Court justice
51. O-5 rank, in the Navy
52. Stone's co-star, in *Battle of the Sexes*
53. Irish crystal city
56. Coin that may display the Vitruvian Man
60. *Baby Cobra* comic Wong
61. '02 alumna and *Unbreakable* *Kimmy Schmidt* star
64. Excessively

1	2	3		4	5	6		7	8	9		10	11	12
13				14				15				16		
17				18				19				20		
21						22					23			
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	28	29							30				31	32
33						34				35				
36				37		38		39		40		41		
42			43		44		45		46		47			
48				49				50						
		51				52								
53	54					55					56	57	58	59
60				61					62	63				
64				65				66				67		
68				69				70				71		

65. Inspiration for Debussy
66. Don't feel so hot
67. ___ Jam (record label)
68. Number of Canadian provinces
69. Bit of body art, in slang
70. Escape attempt
71. Not at work

Down

1. "Where does a mansplainer get water?" "___, actually ..."
2. Soprano's spotlight moment
3. Of South Asian descent
4. Julius Winfield Erving II, to fans
5. *Breaking Bad* org.
6. Rachael Ray or Carla Hall, familiarly
7. Many John Ford films
8. Acronym for snoops
9. Be a sign of
10. Heard out
11. Alexa's device
12. Regard as
18. Fail to be
19. Hall-of-Fame outfielder Ralph
23. Watery, as a sauce
25. Kid with attitude
26. Source of strength, metaphorically

28. Jiggly brand
29. Fate of wild Caspian tigers
30. "I'd like to know about it in advance"
31. Part of a dying fire
32. Maki, at a sushi bar
33. Succumbs to gravity
38. "Sweet" Juliette Binoche film of 2000
40. Clapper at a circus
43. Wait a while
45. "Breakout" company
47. Water-transporting tissue in plants
49. Put in cuffs
50. Hellish experience
53. Joule per second
54. Trendy smoothie additive
55. Pet owner's bane
57. Prom hairstyle
58. Under-the-water ridge
59. *Carmina Burana* composer Carl
62. Creator of Souls?
63. Tree with serrated leaves

Puzzle solution is on page 77.

READ Zawistowski's essay on gender disparity in crossword puzzle constructing at paw.princeton.edu

CLASS NOTES

Online Class Notes are password protected. To access, alumni must use their TigerNet ID and password. [Click here to log in: http://paw.princeton.edu/class-notes](http://paw.princeton.edu/class-notes)



PAGE 57 CROSSWORD PUZZLE ANSWERS

Hear Her Roar

W	A	D		D	D	T		W	M	D		L	E	D
E	R	E		R	E	V		E	Y	E		I	C	E
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	J	E	N	N	I	F	E	R	W	E	I	N	E	R
S	E	X	T	O	N		R	N	A		N	E	M	O
A	L	T		T	E	C		S	R	S		D	B	L
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T	O	O		S	E	A		A	I	L		D	E	F
T	E	N		T	A	T		L	A	M		O	F	F

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MEMORIALS

PAW posts a list of recent alumni deaths at paw.princeton.edu. Go to Reader Services on PAW's home page and click on the link "Recent Alumni Deaths." The list is updated with each new issue.

THE CLASS OF 1943



Robert Charles Gould '43

Bob died Feb. 14, 2020, in Brewster, Mass., following a short illness. He was 99.

Hailing from Yonkers, N.Y., Bob prepped at Gorton High School, where he was on the tennis and track teams and wrote for the school newspaper. Following his brothers Raymond '30 and Richard '38, Bob entered Princeton in 1939. He majored in English and was on the class tennis team, served on the news board of *The Daily Princetonian* and the *Nassau Sovereign*, was a gateman at football games, worked as a sports manager, and ate at Campus Club. In the *Nassau Herald*, Bob said he expected to "engage in aviation" when he graduated.

Accordingly, Bob went into the Army Air Corps in 1943, but he was disabled in training. From 1947 to 1950, he was academic director of a rehabilitation organization in New York, setting the stage for his life's work in education and veterans affairs. Bob earned a master's degree in education from St. Lawrence University and a Ph.D. from Boston College. He went on to become a dean at Babson College in Wellesley, Mass., and the vice president of St. Leo's College in Florida.

Bob is survived by his wife of 71 years, Joan Ann (Guilfoyle); daughter Alison; son Christopher '76; and four granddaughters. He was predeceased by two sons: Mark in 1978; and Robert in 2002.



Alan Williams Horton '43

Alan died peacefully Feb. 24, 2020, at the Kendal retirement community in Hanover, N.H. He was 98.

Born in Middletown, Conn., Alan spent a year in France at the University of Strasbourg before entering Princeton in 1939. During World War II, Alan served four years in the Navy, earning the Silver Star for action at Okinawa with the Underwater Demolition Teams, what later became the Navy Seals. In 1947, he earned a degree in history at Princeton and began immersing himself in Middle

Eastern studies.

He met his wife, Dorothy Joan Ryder, of Sussex, England, while working in Gaza, aiding Palestinian refugees. They married in 1950 and shared a love of music and a lifelong commitment to service and education around the world. Among his many assignments, Alan served as dean of the graduate faculty at the American University in Cairo, Middle East correspondent for the American Universities Field Staff (AUFS), executive director of the AUFS in 1968, and chairman of the advisory council for Middle East studies at Princeton.

Constantly engaged in political and humanitarian efforts, Alan still found time to become fluent in Arabic; to earn his Ph.D. in anthropology from Harvard; to write a novel, *The Road to Ramallah*; and, with Joan, to raise three children.

Joan died in 2010. Alan is survived by daughter Carol; sons James '78 and his wife, Nancy, and Edward '81 and his wife, Zoe; four grandchildren; and sister Elizabeth Breunig.

THE CLASS OF 1944



Walter M. Kearns '44

Walter died May 21, 2019, in Woodland Hills, Calif. He was born March 27, 1922, in Milwaukee, Wis.

In high school, he was active in forensics, golf, and swimming. Walter carried these interests to Princeton, where he majored in chemistry, won numerals in golf and a "P" senior year when he was captain of the golf team.

He left Princeton in 1943 to enter Johns Hopkins Medical School, and practiced medicine as a surgeon for four decades. He also volunteered at medical clinics in Los Angeles and on the Navajo reservation in New Mexico.

His passion for golf lasted into his 90s, and he won many championships.

Walter is survived by his wife of 55 years, Gail; and his children, Wally and his wife Marie, Neal, Brad and his wife Elizabeth, Jeff and his wife Susan, and Katie; grandchildren Jack, Zachary, Kendall, and Maria; and step-grandchildren Spencer, Lex, and Satchel.



Ricard V. Nuttall Jr. '44

Dick died April 22, 2019, in Columbia, S.C. He was born April 21, 1922, in Pittsburgh, Pa.

He prepared for Princeton at Shady Side Academy in Pittsburgh, and was active in tennis, baseball, and golf. At Princeton he majored in aeronautical engineering and was a member of Cloister Inn. Later, he was an ASC interviewer for the University.

He was a professor at the University of South Carolina and an investment adviser with his own company.

Dick is survived by his wife, Annetta; and his son, Richard III.



Harold E. Pennington '44

Bud died July 7, 2019, at his home in Warren, Conn. He was born June 20, 1923, in Jamaica, N.Y.

At Princeton he was a chemical engineering major. He left in 1943 to serve as a lieutenant in the Navy, serving in the Pacific for three years. He worked at Union Carbide as a chemical engineer, and served on the board of directors for the Greater New York Savings Bank. After retirement he was involved in many volunteer activities, including the Boy Scouts and his church.

His wife, Helene, predeceased him. He is survived by his sons, Douglas and his wife, Beth, and Jamie and his wife, Jennifer; his daughter Caroline and her husband, Brian; nine grandchildren, Katherine, Grace, Tate, Stephanie, Jamie, John, Thomas, Georgia, and Fionna; and five great-grandchildren.



Ward Sangren '44

Ward died April 5, 2019, in Orinda, Fla. He was born April 20, 1923, in Kalamazoo, Mich.

Before he came to Princeton, Ward was active in football, baseball, basketball, and golf. He was a member of the Student Council, Hi-Y Club, and was on the staff of the school paper and yearbook. At Princeton Ward majored in mathematics with honors. He played football and won a varsity "P." Ward was a member of Key and Seal, where he was on the bicker committee.

He served the University as class section chair of Southern California from 1997 to 2001 and Northern California from 1999 through 2001.

After the Navy he earned a master's degree and a Ph.D. in math at the University of Michigan. He was a professor in math and research at San Francisco State University before he retired.

Ward is survived by his wife, Ruth Hendrickson Sangren, whom he married in

1944; son Paul '68; and daughters Karen and Sigrid.



Horace M. Shaffer '44

Horace died Sept. 5, 2019, at Pennswood Village in Newtown, Pa. He was born in June 1923 in Trenton, N.J.

At Trenton High School he was active in tennis, student government, and on the staff of the school newspaper. At Princeton he majored in biology and graduated with honors. He was on the track team and ran cross-country. He belonged to Tower Club. After Princeton he went on to the College of Physicians and Surgeons at Columbia University. He was a lieutenant junior grade in the Navy before his internship at Bellevue Hospital in New York City.

He moved to Trenton, N.J., for a private practice before he became chairman of the medical department and medical director of the Mercer Medical Center.

Horace is survived by his second wife, Joyce, to whom he was married for 42 years; his children with his first wife, Lois: Pamela Leeds, Richard Shaffer, and Jill McGlone; stepchildren Wendy Kraus (Mitch), and Rob Bear (Cindy); grandchildren Andrew, Lindsay, Shana, Mariah, Danielle, Samantha, and Max; and great-grandchildren Reid and James. His oldest daughter, Karen Shaffer, predeceased him.

THE CLASS OF 1948

David E. Kuizenga '48

David, the son of a minister, was born May 8, 1927, in Caldwell, N.J. He attended the Lawrenceville School, then in 1944 enlisted in the Army Specialized Training Program and was sent to Korea. He started Princeton after discharge and graduated with the Class of 1950.

His civilian career was in the auto-insurance business, first in New York with the Mutual Insurance Bureau. In 1976 he moved to San Francisco and managed an assigned-risk plan, which provided insurance coverage for those who otherwise "could not get coverage without strong proof of eligibility." His work required multiple contacts with the state legislature and a variety of insurance providers.

David was twice married. From the first marriage he had a son, three grandchildren, and one great-grandchild. In his second marriage, to Nancy Kuizenga, "there were many trips to England, Ireland, and France that followed."

David died Feb. 7, 2020, at age 92.

Thormen Alton Leines '48

Bud was born Sept. 20, 1922, in Fergus Falls, Minn. He died March 24, 2020, in Baxter, Minn., at age 97. Some of his childhood was spent in Antigua BWI, while his father



was working on an airfield-construction project.

Bud did Navy service from 1943 to 1946. He and Jeanette (English) were already married when he entered Princeton in 1946. He majored in electrical engineering, graduating in 1949.

The family lived all around the United States — in 17 different towns in nine states — before finally settling in St. Paul, Minn. Bud had a 23-year career with American Hoist and Derrick Co., beginning as a project engineer and later becoming a division head and vice president. He headed many projects for the oil industry and for other kinds of companies. He ran other projects worldwide — in Norway, South Africa, Iran, Saudi Arabia, and China. When he retired in 1985 the family moved to Hackensack, Minn., "amid pines that were seedlings when Princeton began." Bud and Jeanette's marriage lasted for 50 years.

She predeceased him, as did his second wife, Lorraine Stromquist. He is survived by four daughters, six grandchildren, and numerous great-grandchildren.



William C. Revercomb II '48

Bill's lifelong medical career was as an internist, mostly in his hometown of Charleston, W.Va. Born in 1927, he attended Mercersburg Academy, accelerated through Princeton for a degree in biology, graduated in 1951 from the College of Physicians and Surgeons at Columbia University, did a residency at Case Western Reserve in Cleveland, Ohio, was in Air Force service for three years, and then held a fellowship in internal medicine at Parkland Hospital in Dallas, Texas.

He met Marjorie Jo Boston when they were both graduate students at Columbia, and they married in 1952. They returned from Dallas to Charleston, where Bill had 41 more years of medical practice and taught at the West Virginia University School of Medicine. He also became an accomplished gardener and an avid bridge player. His marriage to Marjorie Jo lasted 60 years, until her death in 2012.

He died Feb. 21, 2020, in Charleston. He is survived by sons William III and Stephen, daughter Carolyn, and three grandsons.



Joseph D. Scheerer Jr. '48

Though Joe was born in East Orange, N.J., in September 1926, his hometown was Llewellyn Park, N.J.

He came to us from The Hill School. He spent his undergraduate years with fractured classes and friends in various classes and graduated in 1948 with a degree in psychology. Because of a childhood illness,

Joe had lost most of his hearing. Nevertheless he had played squash and hockey at Princeton and became a nationally ranked junior tennis player.

Joe's first job after college was with the family's Alderney Dairy Co. in Parsippany, N.J., which he later headed. After the company was sold in 1972 he became a stockbroker with Spencer Trask & Co., and retired in 1982.

The family relocated to East Hampton, Long Island, N.Y., where they had always summered. In East Hampton Joe became a volunteer at Meals on Wheels and continued playing tennis and golfing, both on Long Island and at clubs in New Jersey and Jupiter Island, Fla.

Joe and Nancy (Pardue), who had married in East Hampton in 1959, were together for 60 years. Toward the end, they moved to Duxbury, Mass. Joe died June 12, 2019. He was 92. Nancy survives him, as do their children, Hillary and Daniel, and four grandchildren.



Robert L. Stern '48

Bob died peacefully April 14, 2019, at home in Rye, N.Y., after a long illness. He was 92.

He was an Eagle Scout and valedictorian at New Rochelle High School. He served briefly in the Navy during World War II. At Princeton he majored in chemical engineering, sailed with the Yacht Club, managed the swim team, and was a member of Key and Seal. He was elected to Phi Beta Kappa.

In 1951 he earned an MBA at the Wharton School and worked in the financial industry for many years, including as a partner at Newburger, Loeb and Co., before changing careers to share his passion for fine wine. He was proprietor of Bedford Hills (N.Y.) Wine and Liquor Store for more than a decade and a wine wholesaler before his retirement. He loved sailing and skiing, sang with the Master Singers of Westchester for many years, and enjoyed playing bridge from his Princeton days onward.

He is survived by his wife of 20 years, Ellen Donoghue Stern; his four children, Robert Jr., Jennifer '83, Carolyn, and Timothy; eight grandchildren, including Leila Grant '23; his first wife, Ellen Deitsch Stern; and brothers Walter and Richard '58.



John Robert Weaver '48

Bob was born Feb. 22, 1927.

At Princeton he was a member of Prospect Club and graduated with high honors in civil engineering.

Our 50th-reunion yearbook states that the family home was in Pine Bluff, Ark. His wife, Sue, died in 1999. He is survived by sons William and John, daughter Candace, grandson Alex, and sister Nancy. Bob had a long career with the paper company Rayonier, "with



assignments in three of the four corners of the United States, and in Canada and Africa.”

The Weavers founded Fiber Resources, to clean and recycle paper-mill waste for manufacture of wood pellets for fuel, as well as material for cat litter boxes and as oil absorbents.

Bob died April 23, 2019, at home in Pine Bluff.



Edward A. Zuercher '48

Ed was born Nov. 11, 1924, in Dayton, Ohio.

He graduated from Princeton in 1947 with an electrical engineering degree.

He started college in 1942 at the University of Cincinnati. In 1943, entered the Navy V-12 program at the University of Richmond, and was transferred to V-12 at Princeton in June 1945.

His career-long engineering affiliation was with General Electric, mostly in design and development of electrical appliances. This began at the GE plant in Lynn, Mass. Later he worked at GE operations in Erie, Pa., and Schenectady, N.Y., and finally, for the bulk of his career, at GE Appliance Park in Louisville, Ky., until his retirement in 1980. He then founded and led a consulting firm, Technology Resources, until 1996.

Ed died March 3, 2020, in Louisville at age 93. He is survived by Antoinette (Reid), his wife of 72 years; three sons; a daughter; and seven grandchildren.

THE CLASS OF 1949



Thomas G. Cleveland '49

Tom, son of Richard Cleveland 1919 and grandson of President Grover Cleveland, died March 20, 2020, in Tamworth, N.H., his summer and retirement

home. An Episcopal priest with a variety of experiences, notably missionary work in Alaska, he taught for 32 years at Milton Academy and then retired to Tamworth.

Tom came to Princeton from Milton Academy. He played varsity football and lacrosse all four years; he even blocked a kick in the historic 1946 upset of Penn. He majored in religion, was a Chapel deacon, and belonged to Tiger Inn. In 1950 he married Charlotte Crocker, and they had four children, Tom Jr., John, Sarah, and Ellen.

After two years teaching at Governor Dummer Academy, Tom attended Virginia Theological Seminary and then spent many years in missionary work in Holicachuk, Palmer, and Tanana, Alaska, a part of his life he remembered fondly. He then joined the faculty at Milton Academy, where he taught religion and ethics courses. Among other significant events in his life, he officiated at the wedding of Tom Jr.

Tom is survived by his wife, Elaine; and his four children. We offer our profound and respectful sympathy to them all.



Kenelm W. Doak '49

Ken died Nov. 13, 2019, in Concord, N.H., his home for many years.

He was born in Philadelphia, one of 10 children, and came to Princeton from Penn Charter School. At Princeton he played JV soccer and took his meals at Cloister Inn. Planning to have a career in mechanical engineering, he earned a BSE degree with honors.

After 21 months in the Navy, Ken entered Harvard Business School. In 1956 he married Ann Booth Young of Whitford, Pa., and they moved to Concord, where Ken joined Richard D. Brew & Co. as chief engineer of the vacuum-furnace division. This involved a great deal of design and engineering work for their high-vacuum thermal equipment, including field supervision for the installation of many highly sophisticated measuring devices.

After retiring, Ken volunteered at the New Hampshire Preservation Alliance and the Society for Industrial Archaeology. His many personal activities and interests included cooking, bread baking, French, poetry writing, and, yes, figure skating.

Ken was predeceased by son Christopher in 2017. He is survived by his daughter, Elizabeth Chandler Doak; and his best friend, Mary Hall. To them we offer our sympathy and admiration for a life well lived.



Robert Perry Thomas Reeves '49

Perry died Jan. 15, 2020, in Lakewood, N.J. A lifelong New Jersey resident, he lived in Brielle and Spring Lake Heights, moving to

Lakewood 18 years ago. He was a physician and radiologist, the founding member of Jersey Shore Radiology Associates in Neptune, N.J.

Perry came to Princeton from Passaic High School. He majored in psychology and joined Key and Seal Club. After graduation he attended the University of Pennsylvania School of Medicine, specializing in radiology and nuclear medicine. Following his residency in radiology in two New York hospitals, Perry had a two-year tour of duty in the Navy, ending up at the U.S. Naval Hospital in Chelsea, Mass., where he served as second in command of the radiology department.

Perry came back to New Jersey and entered practice as a radiologist, his specialty during the next 35-plus years. He retired in 1990 and reported that he enjoyed “living in the present, and looking forward to the future.”

His wife, Sally, predeceased him. He is survived by his four daughters, Robin, Laura,

Lisa '85, and Susanna, and his stepson, Andrew Stemmermann. Our condolences go to all of them.

Charles VanAnden '49

Chuck died April 22, 2020, at the age of 92.

He came to Princeton from Salisbury School in Salisbury, Conn., where he was an outstanding athlete and friend of many. At Princeton he roomed in Witherspoon as a freshman and then in Little Hall, where he roomed with Jack Zimmerman '48, Tom Remchick '49, and Harry Bartley '49. All were members of Elm Club and remained lifelong friends.

After Princeton he served in the Army at Fort Knox. Upon leaving he entered the textile industry with Deering Milliken for six years. He then moved into the adhesive industry, where he served successfully with Miracle Adhesives Corp. and ending up with Pratt & Lambert as senior vice president.

Chuck's family home was on an island near New Hamburg on the Hudson River, and he was an avid sailor. He was a member of the Essex Yacht Club while living in the Northeast. Upon retirement he moved to Callawassie Island, S.C., and later to Dataw Island, S.C., where he was active in Habitat for Humanity. His last residence was in a senior-living facility in Canton, Ga. His final resting place was in Wappingers Falls near his family island on the Hudson.

Chuck was married to Audrey (Lee) VanAnden, who predeceased him. He has five surviving children.

THE CLASS OF 1950

Richard A. Gray Jr. '50

Dick died Feb. 3, 2020, in Hilton Head Island, where he and Lucia, his wife of 63 years, had lived since 1996.

A Mercersburg Academy graduate, Dick entered Princeton after a two-year hitch as a junior engineer in the Merchant Marines. He was the Press Club representative for *The New York Times*, a Campus Club member, and an honors graduate in economics.

As a Navy reservist, he was recalled to active duty during the Korean War and participated in three amphibious operations. Upon returning to inactive duty as a lieutenant junior grade, he entered Harvard Law School, graduating in 1954.

After seven years of private practice in Pittsburgh, he joined Air Products and Chemicals in Allentown, Pa., where he was a general counsel and vice president. He was a member of the American and Federal bar associations and was admitted to practice before the U.S. Supreme Court. Upon retirement he served as an arbitrator for the American Arbitration Association and as a part-time radio news announcer.

Dick was active in his church and civic and nonprofit organizations. He served as president of Mercersburg's Alumni Association. An active golfer, he was a Heritage Golf Tournament marshal.

He is survived by Lucia, two sons, three grandchildren, and one great-grandson.



Joseph S. Holman '50

Joe died Dec. 12, 2019, from complications of a stroke at a Philadelphia hospital. He was a leading South Jersey business executive.

Joe graduated from Merchantville (N.J.) High School and served two years in the Navy before coming to Princeton. An economics major, he was co-winner of the Bunn Trophy, a varsity basketball player, class treasurer, and a member of Cap and Gown.

Upon graduation he entered the Ford car and tractor business his father established in 1924. During the next 69 years, he expanded it into Holman Enterprises, a diversified company that employs nearly 7,000 in 37 car dealerships, a fleet-management enterprise, an insurance agency, a parts distributorship, and a truck outfitting entity. The success of the Enterprises can be attributed both to Joe's business acumen and to the respect he showed its employees, whom he called "his people."

In addition to civic activities, Joe belonged to three golf clubs, where he enjoyed many friendships while continuing his interest in golf, which he first played in high school and then as a Princeton freshman.

Just after graduation he married Jean Polk, a high school classmate. (Both claimed the higher grade average.) Jean died in 2010. Their three children, Jeff '74, Steve, and Mindy; and five grandchildren survive them.



Richard C. Hungerford '50

Rich died Oct. 27, 2019. He was a longtime resident of St. Louis, Mo.

He came to Princeton from the Lawrenceville School. He was vice president of the Intramural Athletic Association and a member of Cloister, and majored in civil engineering.

A year in banking and two in the Air Force preceded his longtime employment in the construction business, where he worked for several St. Louis firms. He retired from his last employer, the Sverdrup Corp., in 1996. To keep active in retirement, Rich did volunteer tax work and utilized his MBA from Washington University in St. Louis by teaching a course in the construction program at Southern Illinois University.

A professed bachelor in his early years, he married Marian in 1972, acquiring — as he wrote in our 25th-reunion yearbook — "a

wife, three children, and two dogs." A devoted Princetonian whose father was in the Class of 1922, Rich was a regular at Reunions and minis.

Marian, a talented artist, predeceased him in 2012. His three stepchildren and extended family survive him.



Wynne James III '50

Wynne died Jan. 14, 2020. As part of his focus on energy conservation, Wynne bicycled more than 150,000 miles in his lifetime, pedaling 18 miles a day to his federal jobs in Washington, D.C.

He was a St. Paul's graduate. At Princeton, where his father was in the Class of 1924, he went out for crew, was a member of the Liberal Union, and belonged to Charter. He graduated from the School of Public and International Affairs with high honors.

He served three years in the Army, teaching Russian to intelligence students. After that, he began a 54-year career in the federal government. His tours included 10 years in the CIA, 10 in the assistant secretary of defense's office, a brief stint on the White House staff, a directorship in the Department of Energy, and deputy head of NATO's Petroleum Planning Committee.

He parlayed a fellowship to Columbia into a master's in international affairs. His hobbies included genealogy and the Shakespeare authorship issue, with a number of pieces in *The New York Times* and other publications. He also authored a number of books.

Wynne is survived by his third wife, Elizabeth; five children, Nina, Susan, Benjamin, Anne '79, and Caroline '05; five grandchildren; and two great-grandchildren. His brother Keen '51 predeceased him.

John T. Jameson Jr. '50

John died Feb. 20, 2020, at home at the age of 94. He was a lifelong resident of Indianapolis.

John left Shortridge (Indianapolis) High School during his senior year and enlisted in the Army Air Corps. Based in England, he became the lead navigator for his B-17 squadron at age 19. After hostilities ended, he remained in Europe to help establish an air transportation program to revive Germany's civilian system. When discharged in 1946, he had attained the rank of captain.

At Princeton, where his father was in the Class of 1912, John belonged to Campus, majored in English, and graduated with honors. With his degree in hand, he joined his family's mortgage company. In 1970 he moved on to commercial real-estate appraising, which he practiced until he retired.

John was proud to be a licensed private pilot. He was also a skilled woodworker, avid golfer, and tennis player. He successfully competed in National One-Design sailboat races and greatly

cherished his summers spent in Leland, Mich., a small town on upper Lake Michigan.

John is survived by his wife of 67 years, Elizabeth, whom he met on a blind date in 1952; their daughter; three sons; 11 grandchildren; and eight great-grandchildren.

John E. Shepherd '50

Jack died Jan. 25, 2020, at his home in Greenwich, Conn.

A Blair Academy graduate, he volunteered for the Army in 1943 and served as a staff sergeant in a frontline mortar squad in France and in Germany. He belonged to Tiger, majored in the School of Public and International Affairs, and graduated with high honors.

Jack originally started with Ford Motor Co. but soon left for a job on Wall Street, where he worked in securities sales for Goldman Sachs for 35 years. He relished commuting from his Tenafly, N.J., home to Wall Street on his motorcycle.

Jack's sense of adventure abounded throughout his life. He took motorcycle trips from New Jersey to California, and from Italy to Denmark. He took up scuba diving and sea kayaking. He delighted his children by his impromptu visits to them, sometimes in his Morgan sports car, top-down, or in his Husky airplane, which he would land in the nearest grass airfield. (He flew into his 70s.) His adventuring was complemented by his encyclopedic knowledge of history and love of poetry.

Jack married Rosemarie Lanigan in 1950 during his senior year. She predeceased him in 2010. They are survived by their five children, 14 grandchildren, and six great-grandchildren.

THE CLASS OF 1951



Layman Edward Allen '51

Layman was born June 9, 1927, in Turtle Creek, Pa., to Layman G. and Viola Williams Allen.

After two years service in the Navy, he and his Turtle Creek High School classmate Bill Norris matriculated at Princeton. He was an SPIA major and belonged to the Campus and Press clubs.

In 1952 Layman earned an MPA from Harvard and in 1956 a law degree from Yale. He taught at Yale Law School before becoming an associate professor of law in 1966 at the University of Michigan and a senior research scientist at the Mental Health Research Institute. He was promoted to professor of law in 1971 and retired from the law school in 2006.

Layman was best-known for his work in mathematical logic, instructional gaming, computers and the law, clear legal writing, and artificial intelligence. He focused especially on legal applications of formal analytical methods. He was the author of the book *WFF 'N PROOF: The Game of Modern Logic*. (WFF is an abbreviation for well-formed formula.)



Layman died Sept. 16, 2018. He is survived by his wife, Dr. Leslie Ann Olsen, professor of technical communications at the Michigan College of Engineering, and four children, including Layman G. '75.



Hamilton Witherspoon McKay Jr. '51

Peter was born Oct. 28, 1929, in Charlotte, N.C., to Dr. Hamilton W. and Katherine Whitner McKay. Peter's family roots were in

Sumter County, York, and Rock Hill, S.C., stretching back to the 18th century. He was a lifelong resident of Charlotte.

At Princeton Peter majored in biology, ate at Colonial, and was a member of the Glee and Triangle clubs. He roomed with Bill Grady and Charlie Taggart. In 1955 he graduated from Johns Hopkins Medical School and did postgraduate work at Duke Medical School and the CDC in Atlanta, working on early polio-vaccination trials.

He and Lillian "Dee Dee" Lineberger were married in 1953. He went on to found the Carolina Asthma and Allergy Clinic, eventually acquiring eight partners and five additional offices.

Peter died Nov. 24, 2018, of progressive lung failure. He is survived by Dee Dee and their children, Lili Teigland, Wit III, and Katherine McKay; several grandchildren; and his sister, Katherine McKay Belk.

Services were held at the Myers Park Presbyterian Church. Peter asked that in lieu of flowers or memorials, from time to time we do an act of kindness for others and ask them to pass it on.



Henry Francis Myers III '51

Hank was born May 27, 1929, in Lancaster, Pa., to Henry F. and Alice Barry Myers.

He came to us from Phillips Exeter. At Princeton Hank was a history major, served on the staff of *The Daily Princetonian*, was managing editor of the *Bric-a-Brac*, and was a member of Court Club. He roomed with Hank Bahr, Marc Bodine, and Alec Montgomery. In 1954 Hank and Martha Bodine were married (her brother was Marc Bodine '51). In 1957 he earned a master's degree in economics from the University of Maryland.

Hank's entire career was dedicated to journalism. In 1956 he joined *The Wall Street Journal*, where he worked in various roles spanning more than 40 years, including make-up editor, national copy desk, page-one editor, and columnist. During those years the family lived in Westfield, N.J. In 1998 he retired, and he and Martha moved to Williamsburg, Va.

Hank died Dec. 15, 2018, and is survived by Martha; their children, Wendy and Henry and their families; brother John; and sister

Elizabeth Lewis. He was predeceased by their son Marc. Contributions to the Londonderry Village Benevolent Fund, 1200 Grubb Road, Palmyra PA 17078, are suggested.

THE CLASS OF 1952



Robert C. Doherty '52

Bob came to us from Exeter and was an English major. He joined Ivy and played lacrosse all four years (national champions in '51) while

belonging to the 21 Club. He roomed with John Hoffman and John Bryan.

Bob was a second lieutenant in the Marines, serving in Korea until 1954, when he commenced his career in advertising, working in New York for a Chicago firm. In 1979 he formed an ad firm with friends, then left to join McKinney in Raleigh, N.C. In 2000 he retired and began working as a board volunteer for the North Carolina Symphony, the National Audubon Society, and the North Carolina Museum of History.

With his sons, he traveled far to many bodies of water to pursue his enthusiasm for fly-fishing, and with his wife, Kerstin, to their holiday place on Figure Eight Island. She died in 2019. Bob died later that year, Nov. 28.

To their sons Michael, R. Kelly '81, Andrew, and Thomas, the class sends good wishes, with a salute for Bob and his Marine service to our country.



Robert S. Fraser '52

Bob graduated from Caledonia (N.Y.) High School. He left us after sophomore year to join the Army, and graduated from the University of Rochester in

1958. He went on to earn a master's degree and a Ph.D. from Cornell.

From 1961 to 1967 his first job in teaching history was at Williams College. He then went to the University of Wisconsin at Eau Claire for the balance of his career until retiring in 1995 as professor of history and associate dean of the School of Arts and Sciences. Off duty he was active on several library boards and other community organizations. He crossed the Atlantic 20 times by sea and visited all 26 historic English and Welsh cathedrals.

Bob died April 8, 2020. He is survived by his children, Anne, Amy, and Paul, to whom the class offers condolences, along with respect for Bob's volunteer Army service to our country.

Marshall P. Keating '52

With a heavy heart we report the death of Marshall Feb. 29, 2020. Marshall came to Princeton from Deerfield and majored in English, belonged to Key and Seal, and roomed with Gil Dunham, with whom he maintained a friendship all his life.



Marshall graduated from Columbia Law School in 1955 and joined the firm of Kirlin, Campbell and Keating, where he was for years the managing partner, practicing mainly

maritime law. He was an enthusiastic actor in class matters, being a member of our executive committee at his death and ever ready to organize class gatherings at the Princeton Club of New York and elsewhere. He was a lively participant in the Seniors Committee at the club.

Marshall is survived by his three daughters, Elizabeth, Susan, and Mary. The class offers deepest sympathies to them all upon the loss of their father, one of our most devoted and valued members.

THE CLASS OF 1953



Ethan Davidson Alyea Jr. '53

Dave died May 27, 2018, of complications from a stroke in Bloomington, Ind.

Dave was born in Key West, Fla., and came to Princeton from Pittsfield High School and Governor Dummer. He joined Cannon Club and majored in music, writing his thesis on New Orleans jazz.

Dave moved to Caltech after graduation and spent the next nine years working on his Ph.D. and participating in the construction of a heavy liquid bubble chamber to be used as a tool in high-energy nuclear physics research. He then moved to Indiana University to teach physics and do experimental high-energy physics using bubble chambers at Argonne National Lab, the National Accelerator Lab, and at Fermilab outside Chicago.

In 1970, he won the Standard Oil of Indiana Foundation Award for distinguished teacher of the year. In the late 1980s and 1990s, Dave was part of a team that designed and ran the large volume detector in a lab under the Gran Sasso Mountain outside L'Aquila, Italy.

Dave is survived by his wife, Sandra; their four children, Caroline '85, Peter, Clark '91, and Garret '96; and three grandchildren.



Robert James Barry Jr. '53

Bob came to Princeton from New Haven, Conn., and the Hopkins Grammar School, intending to return to New Haven and pursue a career in

the rare-book business, and he did exactly that.

At Princeton Bob joined Dial Lodge and majored in English. His thesis was titled "Boswell, Johnson, and Mrs. Piozzi." He did graduate work at Brasenose College, Oxford, before taking up his life's work at C.A. Stonehill, a rare book and manuscript dealer established by his father and Charles Stonehill of Great Bookham, Surrey, England in the 1930s. Bob

succeeded his father as president of the firm and traveled extensively in the United States and England to work with other dealers, scholars, librarians, and collectors of English literature. He was a longtime member and officer of the American Booksellers Association.

Bob died Feb. 10, 2020. He was predeceased by his son, Rob; and is survived by two daughters, Megan and Kathy.



Matthew Bender IV '53

Matt accomplished many things in life, but none more appreciated by the writer of these memorials than his publication every five years of a

class yearbook updating the adventures of our classmates. Matt was a publisher: In the first of the five-year class books (which began 10 years out) Matt reported that he had gone home to Albany, N.Y., after graduation and taken his place in the family business, publishing legal and tax books for attorneys and accountants.

From the beginning, Matt was also involved in civic activities such as the Albany Boys' Club and Family and Children's Service. Five years later the family business had been sold and Matt had gone to work for the New York State Lottery Commission. Five years after that, he reported himself involved in a new publishing enterprise, but it was apparently the sale of the family business founded by his great-grandfather that enabled Matt to become more deeply involved in charitable activities in the Albany area, taking leadership roles in the Saratoga Performing Arts Center, the Capital Repertory Theatre, the Albany Medical Center, and various organizations dedicated to historic preservation. Matt and his wife, Phoebe, donated millions of dollars to these and other causes, but gave even more generously of their time and expertise.

Matt came to Princeton from the Albany Academy and became a member of Campus Club. He wrote his thesis on the relationship between labor and the Roman Catholic Church.

Matt is survived by his wife, Phoebe; their two sons, Chris and Jeffrey; their daughter, Jean; and eight grandchildren.



Joseph Templeton Breneman II '53

Joe was born in Lancaster, Pa., and lived there all his life.

He graduated from the Lawrenceville School before coming to Princeton. He joined Cottage Club and majored in politics, writing his thesis on "Pennsylvania and the Election of 1952."

After graduation Joe went back to Lancaster and went to work for Hubley Manufacturing Co., owned by his family and another family. A year later Joe left to serve two years in the 7th Army Ordnance Corps in Germany as a unit supply officer. He completed his tour of duty as

a first lieutenant.

Returning to Lancaster, Joe worked with the Hubley Co. until his family sold their share of the business in 1963. Joining the investment firm of Kidder, Peabody & Co., Joe was in charge of the Lancaster office for 10 years and then ran his own financial advisory business until he retired.

Joe served as a trustee of the Lancaster Country Day School and was very involved in the Lawrenceville School as a trustee and member of the finance committee. Joe was also an avid golfer, winning local championships and serving for many years as an executive member of the Pennsylvania Golf Association and as president in 1972.

Joe died Feb. 20, 2020, in Lancaster. He is survived by his four daughters, two stepdaughters, 14 grandchildren, and two great-grandchildren. His wife, Sarah Moore, predeceased him.



Allan Charles Bryant '53

Allan was born in Detroit, Mich., and attended Grosse Pointe High School before coming to Princeton. He was a star pitcher on the varsity baseball team

all four years, joined Cannon Club, majored in philosophy, and wrote his thesis on "Music: Its Psychology and Philosophy."

After graduation, Allan served in the Army, where he was recruited to serve in the Counterintelligence Corps. After his military service, Allan played minor-league professional baseball for the Brooklyn Dodgers and continued to study musical composition and compose. He then moved to Germany to study musical composition and wrote a symphony that was performed by the London Symphony Orchestra.

After five years in Germany, Allan moved to Rome, where he joined a group called MEV — Musica Elettronica Viva — and traveled extensively in Europe for 25 years performing their music and often erasing the boundary between performers and spectators by inviting audience members to perform. He then returned to Grosse Pointe, Mich., where he continued to compose and record his music.

Allan died March 20, 2019. He is survived by his wife, Viviann Delas-Bryant; and one stepson, Ron Delas.



Mack C. Harris '53

Mack was born Nov. 13, 1931, in Hollywood, Calif. He graduated from Edinburg High School in Texas, where he lettered in four different sports,

and then did one year of postgraduate work at Phillips Exeter Academy before entering Princeton. He was a member of Cottage Club and majored in politics. After graduating, Mack

served in the Army as an officer, attached to the Red Devils paratrooper unit of the Airborne Artillery, and made more than 40 jumps as a master paratrooper and instructor.

After his military service Mack began a long career as an investment banker, business analyst, and acquisitions specialist with several different firms, first in New York City and then in Dallas, Texas, where he was well known and respected in the business community. He also spent several years counseling those afflicted with alcohol addiction and lecturing on the subject. In retirement, he moved with his second wife to Fayetteville, Ark., and after her death relocated to Wichita, Kan., to be close to his children.

Mack died April 2, 2020. He is survived by his three children, Andrew, Richard, and Susan Walker; his brother, Sid Harris '55; and four grandchildren.



John Flavian Leinfelder '53

John died Feb. 18, 2020, while vacationing with his family in Sanibel, Fla. He was a lifelong resident of La Crosse, Wis.

John graduated from Aquinas High School before coming to Princeton. He joined Charter Club and majored in civil engineering. He was editor of the *Princeton Engineer* and a member of the Engineering Council. After graduation John entered the Navy and served as an engineering officer on a Newport, R.I.-based destroyer. He then returned to La Crosse and went into the family business contracting and subcontracting the fabrication of architectural metals and structural steel. He served on the board of many La Crosse-area organizations including the Chamber of Commerce, Gundersen Lutheran Hospital, Associated Bank, and the La Crosse East Rotary Club.

John is survived by Barbara Louise Kelly, his wife of almost 60 years; their three children; and 10 grandchildren.



Paul Rusanowsky '53

Paul died May 6, 2019, in Milford, Conn.

He came to Princeton from Milford High School, joined Dial Lodge, and majored in the Woodrow Wilson School of Public and International Affairs. Paul left Princeton after his junior year and moved to Ogdensburg N.Y., to work as a reporter for the *Ogdensburg Journal*. After spending a summer sailing the Great Lakes as a Merchant Marine, Paul traveled in Europe for two years and then returned to Bridgeport, Conn., to serve as a reporter for the *Bridgeport Telegram*.

In 1960, Paul moved to Puerto Rico to work for *The San Juan Star* as a reporter and then as an editor. He moved from those positions to



become a writer for the Puerto Rico Industrial Development Co. and to serve as speechwriter for a succession of Puerto Rican governors. In 1963 Paul moved back to Connecticut and worked for the Puerto Rican government office in New York until he retired in 1996.

He is survived by his wife, Marilyn; their two daughters; and four grandchildren.

THE CLASS OF 1954



James M. Connors '54

Jim died Jan. 28, 2020.

He graduated from Garden City High School, where he was editor of the literary magazine.

At Princeton he majored in economics, joined Dial Lodge, and rowed on the freshman 150-pound crew. He participated in IAA football, basketball, and softball. He married Anna Marie Albrecht June 19, 1954.

Jim earned an MBA at Harvard Business School and worked briefly as a security analyst at Scudder, Stevens & Clark before accepting a position at the Carpenter Steel Corp. (now Carpenter Technology), where his duties as systems department manager included programming the first IBM commercial computer (now housed in the Smithsonian Institution). He also taught business courses as an adjunct professor at Albright College.

In the 1954 *Nassau Herald* he wrote, prophetically, "I have some wild ideas about using the computer for stock analysis." In 1969, to test those ideas, he founded his own investment advisory firm, Connors Investor Services, which currently has nearly \$1 billion under management.

Known for his warmth and quick wit, he enjoyed listening to music, reading, playing marathon Scrabble games with Anna, and service to the boards and committees of local nonprofits.

He is survived by Anna, his wife of 65 years; children Jan, Lisa, Michael, and Peter; 14 grandchildren; and several great-grandchildren.



Olvi L. Mangasarian '54

*55 Olvi died March 15, 2020.

He studied at the Jesuit Baghdad College and American University of Beirut before entering Princeton in his junior year. He majored in civil engineering, was a member of Colonial Club, and was elected to Phi Beta Kappa. In 1955 he earned a master's degree from Princeton and in 1959 a Ph.D. in applied mathematics at Harvard University.

In 1959 Olvi married Claire Garabedian. After eight years with Shell Development Co. in Berkeley, Calif., he joined the faculty of the computer sciences department at the University of Wisconsin, where upon retirement in 2003, with over 200 peer-

reviewed publications, and having mentored 28 Ph.D. students, he became the John von Neumann Professor Emeritus of Mathematics and Computer Sciences. His research in mathematical programming was very elegant, had great impact, and provided the basis for many subsequent extensions. After retiring, he spent winter months as a research scientist in the mathematics department at the University of California, San Diego.

Olvi's love of classical music began in his college years and continued throughout his life. He was partial to the Baroque period and to Johann Sebastian Bach in particular.

Olvi is survived by his wife, Claire; sons Leon, Jeffrey, and Aram; and six grandchildren, Tarrant, Kyra, Carl-Leon, Alma, Samuel, and Elise.



Neal R. Peirce '54

Neal died Dec. 27, 2019.

He prepared at South Kent School, where he was active in publications and debating. At Princeton he became executive editor of *The Daily Princetonian* and a member of Whig-Clio, majored in history and in the Special Program in the Humanities, and joined Terrace Club.

After service in the Army he studied international relations at Harvard in 1958, supported the election of Silvio Conte of Massachusetts to Congress, and served briefly as his legislative assistant.

He became political editor of *Congressional Quarterly* in 1959; argued for direct popular election of the president in his first book, *The People's President*; co-founded *National Journal* in 1969; and produced 10 books on the cultural, economic, and political distinctions of every state in the country.

His syndicated column by *The Washington Post* promoted regional approaches to the management of metropolitan areas and overcoming parochial NIMBYism — on which he elaborated persuasively in a seminar at the Class's 65th reunion — and originated a worldwide news service called Citiscope to identify new experiments in cities large and small all over the world. The Peirce family is establishing an urban journalism travel-grant program in Neal's name. Information is available from andreap.nyc@gmail.com.

Neal is survived by his wife of 60 years, Barbara; their children, Celia, Andrea, and Trevor; four grandchildren; brother Everett; and sister Jan Woman. The class thanks him for his service.

Peter R. Rossmassler '54

Peter died peacefully Oct. 16, 2019, at home.

A graduate of Phillips Exeter Academy, at Princeton he majored in English, was a member of Charter Club and participated in varsity soccer and hockey all four years. He



had a special interest in music, literature, and boating. After a year of graduate work toward a master's degree in English at Columbia University, he was drafted and served in the Army. Peter enjoyed a successful career as an investment banker and venture capitalist.

Peter married Frances Branch Scott in 1962. They moved from New York City to Princeton in 1965, and to Newtown, Pa., in 2009. After Frances' death in 2015, Peter moved to Hatfield, Mass., in 2018.

He served on numerous charitable boards. A kind, polite, and patient person throughout his life, Peter spent his last 10 years coping with dementia. He did not like needing help but always accepted it with grace and warmth. We will miss his life and his inspirational character.

He is survived by three sons, William R. III, Thomas, and Richard; and five grandchildren, Colby, Louisa, Branch, Tae, and Eva.



Kenneth G. Schneider Jr. '54

Kenneth died Jan. 25, 2020.

Ken graduated from McCallie Military School in Chattanooga, Tenn. He majored in architecture and was a member of Cannon Club. His special interests included fishing, hunting, and folk music.

After service as an officer in the Army Corps of Engineers from 1954 to 1957, he practiced architecture on Johns Island, S.C., and developed skill as a forensic architect, which was of special value after Hurricane Hugo in 1969. After the hurricane he opened his own business on Johns Island and was licensed to practice in 50 states.

He was a cradle Episcopalian and active churchman. Ken received his acolyte training and sang in the boys' choir at Grace Episcopal Church in Anniston, Ala., where his grandfather had served on the vestry and as senior warden. Years later in Johns Island, Ken became acolyte master and served as a lay eucharistic minister, vestryman, senior warden, and chairman of the building committee, assisting in designing and constructing the new Walton Hall.

Ken enjoyed singing and "picking" bluegrass, woodworking, drawing, and boating. His wife, Rita, whom he met at a marina, shared his passion for boating and bluegrass. They were married May 4, 2005.

Ken is survived by Rita; sons Robert and John; his brother, Jack; grandsons Marshall and Christopher; granddaughter Paige; and several great-grandchildren. He was predeceased by son George.

Edward A. Sprague '54

Ned died peacefully Jan. 1, 2020.

Son of Irvin A. Sprague 1919, Ned came to us from Pomfret School, majored in economics, joined Key and Seal, and was active in the Yacht



Club and Whig-Clio.

After what he called “an unsuccessful hitch” at Columbia Business School, he served two years in the Army.

He married Patricia Ivy Karen in 1957. He eventually earned a master’s degree in economics at New York University.

He was dedicated to the world of finance and the future economics of the world. His career included work with the economics departments of Lehman Brothers and other firms and eventually with economic and tax-policy think tanks in Washington, D.C.

He enjoyed adventures with family and friends. Many of these adventures involved boats — canoes and kayaks, getting frostbite while racing on a nearly-homemade Dyer Dhow dinghy named *Ratfink*, sailing a Sunfish and a Laser, and of course *Sabrina* and *Sprinter*. There were also adventures in moving — from Rowayton, Conn., to Montgomery County, Md., and, upon retirement in 1994, to southern Maryland “to take advantage of good sailing opportunities.” Nothing surpassed his dedication to his wife, Pat, who died in 2019. He loved his family, all of them, unconditionally.

He is survived by children James, Elizabeth, and Jennifer and grandchildren Cassie and Ben. Home is the sailor. “Full and Bye,” Ned.

THE CLASS OF 1955



James A. Connelly II '55

Jim died peacefully Nov. 23, 2017, in Algonquin, Ill., at age 85.

Jim, son of Dorothy and Bernal Connelly, attended high school in Kane, a small town in western Pennsylvania. His father was a staunch Republican but was much impressed by the character of Democratic presidential candidate Adlai Stevenson 1922. So he pushed Jim to apply to Princeton.

At Princeton Jim joined Elm Club, majored in politics, and roomed with Charles Stilley and John Paul. He joined the Navy ROTC and spent three years as a first lieutenant in the Marines. Married to Susie Hough, he graduated from Penn law school and moved to a suburb of Rochester, N.Y. Jim aimed to get involved with local Republican politics, but the local organization snubbed him. So he became a Democrat, ran for town judge, and served through four re-elections and 17 years until retirement in 2000.

Meanwhile his wife, Susie, contracted and died from multiple sclerosis. Subsequently, through an ad in the *Princeton Alumni Weekly* for a group of classical music lovers, Jim met and married Phyllis Lange and moved to her hometown, Dundee, Ill.

Survivors include two children, James A. Connelly III and Martha Derleth; three

stepchildren, Cathy Lange Gathman, Debrah Lange, and Mark Lange; 10 grandchildren; and 11 great-grandchildren.



Thomas F. Evans '55

Tom died Feb. 15, 2020, at Cordia Senior Living in Traverse City, Mich. Tom was born in Indianapolis, graduated from Shortridge High School,

and was an Eagle Scout.

At Princeton Tom joined Tower Club and was a coxswain on the crew. He had never rowed before he joined a group of beginners who worked their way up to the varsity. Oral Miller remembers Tom as an exceedingly friendly crewmate who was also one of Oral’s readers.

After graduating as a history major, Tom served with Army Counterintelligence. In 1957 he married Jane Parsons and became an investment banker, first in Indianapolis and then at Princeton Bank & Trust. They raised their family in Princeton, Tom serving as class treasurer from 1975 to 1980 and Jane becoming an honorary class member. In 1998 they retired to Leland, a picturesque village on the northern reaches of Lake Michigan.

In May 2018 Tom and Jane moved to Cordia. Jane passed away unexpectedly, leaving a huge void in Tom’s life.

Tom is survived by daughters Julie Rogers and Amy Rullo and three grandchildren, Malcolm Rogers, Joshua Rogers, and Jessica Rullo. His many friends remember Tom as “gentle and easy-going.”



John D. Hamilton Jr. '55

John died March 3, 2020, in Charleston, S.C. He was 85. His wife, Cheryl, was by his side.

John was a graduate of Exeter Academy. At Princeton he roomed with Jon Olson, Alan Willemsen, Denny Burns, Ted Mack, and Jim Park, eating his meals at Quad. After two years as a naval officer, John attended Harvard Law School, graduating in 1960, and subsequently joined the Boston firm of Hale and Dorr.

John became a prominent real estate lawyer who helped shape the Boston skyline of the 1970s and '80s. In 1984 he was named managing partner of Hale and Dorr, where his successor, William F. Lee, described John as the firm’s visionary, architect, builder, mentor, and leader. Among his many achievements was his commitment to community service. In 2005 he received the Pro Bono Institute’s award that recognizes law-firm leaders who have an extraordinary commitment to equal justice.

John was an active supporter of Princeton '55 and received the Class of 1955 Distinguished Achievement Award.

Besides Cheryl, he is survived by his

daughter, Linda Hamilton, son John Hamilton III, granddaughter Tess Hamilton, and his sister, Hope Pettegrew. Next year there will be a memorial service in Boston.



Eugene T. Herbert '55

Gene died peacefully Feb. 28, 2020, in Great Falls, Va. He was 86.

Gene was born in Springfield, Mass., and graduated from Springfield Technical High School. At Princeton he majored in philosophy and joined Tower Club. Senior year he roomed with Thomas Patton, Russ Smouse, and Michael Marden.

After Princeton Gene attended Harvard Law School and then joined the Navy Office of the Judge Advocate General. In 1962 he moved to Liberia, Africa, to teach law at the University of Monrovia. After Africa, he moved to Washington, D.C., to work for the Department of State.

In 1968 Gene moved to London, England, to pursue a private practice in international corporate law. In 1977 he returned to Washington, D.C., and represented clients ranging from civil-rights leaders to presidential candidates. From 1988 to 1996 he was the ombudsman for the International Monetary Fund.

Gene was a brilliant and unconventional lawyer, a loyal friend, and a loving and dedicated husband and father. He had an unmatched sense of humor and irony and, quite simply, was great company.

Gene is survived by his wife of 64 years, Myra; his daughter, Stephanie; and three grandchildren.



Thomas J. Jackson Jr. '55

Tom died Jan. 17, 2020, 17 days after admission to a hospital for pancreatic cancer. Tom and Janet, his wife of 60 years, had lived in Pittsburgh all their lives

and for 50 years in the same house in the Ben Avon neighborhood.

Before Princeton, Tom graduated from West View School in Pittsburgh. At Princeton he joined Dial Lodge, majored in history, and roomed senior year with Jack Drosdick, David Taylor, and Howard Lonsdale. After Princeton he served two years on a destroyer in the Navy and graduated from Pittsburgh Law School.

He met Janet at age 5 and “after a 25-year hiatus, we got married.” His several civic leadership roles included heading the board of the local hospital system and presidency of the Allegheny Preservation Society, which manages restoration of the Calvary United Methodist Church and its famous Tiffany windows. He was also a church organist for 17 years and a choir member.

Tom and Janet loved to ski, heading for Vail nearly every year. They also traveled to



Africa, Hawaii, Alaska, Australia, New Zealand, and Europe. Nearly every summer was spent at their place in Ocean City, N.J., Janet's childhood vacation home.

Tom is survived by Janet and their three children, Thomas Jackson III, Julie J. Kolenda, and Jody Coffey.



Albert Van Boskerck Kelsey '55 Kerck died March 26, 2020, four months after the death of his wife, Susan. They had moved to OceanView retirement home after more than 20 years in a South Freeport home they dearly loved. Kerck was the first person in Maine to die of COVID-19.

Kerck's father, Albert W. Kelsey, was in the Class of 1922. Kerck attended Lawrenceville School, and at Princeton majored in English and joined Charter Club. He was wrestling manager, active in freshman and club football, and was president of the Mountaineering Club. His Brown Hall roommates included Drew Carey, Win Lincoln, Larry Phipps, Harrington Putnam, and Carey Williams.

After retirement he earned a master's degree from Harvard and wrote three books about the noted Washburn family of New England, to which he was related.

Kerck was well regarded for his straightforward, caring approach to life. He wrote in the 50th-reunion yearbook, "We love life in Maine. We know everyone in our village, have a fabulous view, and truly enjoy a simpler life among real people."

After Kerck's death his son Andrew remarked, "I think the final straw for my dad was the cancellation of the 65th. He truly loved his Princeton days and classmates."

Survivors include his sons Peter, Pat, and Andrew.



John J. Smith '55 Jack died March 17, 2020, at Capital Health of Hopewell. He was 86, a resident of Pennington, N.J., and a noted supporter of Princeton fencing teams and former team captain.

Jack was born in Hoboken, N.J., and graduated from William Dickinson High School in Jersey City. At Princeton he joined Elm Club, majored in economics, and in senior year roomed with Sam Stewart and Bob Amick. He was a member of the fencing team all four years.

He later joined with Paul Levy '58 to form the Friends of Princeton Fencing, which he served as treasurer for many years. An annual award for Princeton women's fencing is sponsored by Jack.

Following graduation with honors and active duty with the Army, Jack embarked on a career in industrial accounting throughout the

United States, in Texas, New York, California, and finally Princeton. He married his college sweetheart, Jane Miller, with whom he had two children and who died of breast cancer in 1998. Jack subsequently married Joyce Hunt.

He is survived by Joyce, son Charles, daughter Barbara, grandchildren Laura Beth Kenny and Steven Gladney, stepson Barry Ongradi, stepdaughter Mary Beth Canulli, and five step-grandchildren.

THE CLASS OF 1956



James F. Castleman '56 Jim was born Feb. 17, 1935, and grew up in Glen Cove, Long Island, N.Y., where his father, the Rev. Lauriston Castleman, was rector of St.

Paul's Episcopal Church.

Following graduation from Locust Valley Friends, Jim entered Princeton with his twin brother, Laurie '56, as an engineering student. Although Jim graduated as a chemical engineer, he had added pre-med courses, which meant his roommates, Laurie, Joe Nishimura, and Bill Meyer, rarely saw him during his senior year. Jim did find time to enjoy the social activities at Terrace Club.

Jim graduated from New York Medical College and served two years as a captain in the Army during the Vietnam War. In 1968 he established his medical practice in Albany, N.Y., specializing in internal medicine. For almost 50 years he was the family doctor for many in the Albany area, also serving on the State Disability Board until his death Dec. 23, 2019.

Jim was a fine athlete and passionate low-handicap golfer, a member and past president of the Albany Country Club.

Jim is survived by his wife, Jan; three children; 12 grandchildren; sister Mary; and twin brother Laurie.



Jerome J. Graham Jr. '56 Jerry died March 20, 2020. He was kind-hearted, honorable, and decent, just a few of the adjectives that describe him.

Jerry graduated from the Pingry School and *cum laude* at Princeton, where he majored in political science. He was a member of Colonial Club and president of the Glee Club in 1956. After Princeton Jerry earned a law degree from Michigan Law School and began his distinguished legal career at Carpenter, Bennett & Morrissey in Newark, N.J.

He later formed the law firm of Graham, Curtin in Morristown, N.J. Jerry was a fellow of the American College of Trial Lawyers, New Jersey state chair and regent, and a trustee of the College Foundation. In 2010 he received the trial bar award from the Trial Attorneys of New Jersey.

Jerry lived in Harding Township, N.J., and

was active in local government, serving on many boards. Passionate about the law, a brilliant and accomplished litigator, he also was a platform-paddle tennis enthusiast and was instrumental in starting the NJMPL classic tournament. The New Jersey trophy is named the Graham Cup in his honor.

Jerry is survived by his wife, Tine Kirkland Graham; his children, Victoria Chadick, Kirkland DeLaney, Stuart Maxwell Graham, and Jerome J. Graham III; his sisters, Joan Hauck and Judy McClellan; sister-in-law Ann Bullen; seven grandchildren; and many nieces and nephews.



Hugh Campbell McDiarmid Jr. '56 Hugh died Oct. 12, 2019, in Rochester Hills, Mich. He was 84.

Born Dec. 31, 1934, in Cincinnati, Ohio, Hugh entered

Princeton from Wyoming (Ohio) High School. At Princeton he majored in politics and was a member of Tiger Inn. Hugh played baseball and 150-pound football and was elected captain for his senior year. A contract member of the Naval ROTC, upon graduation he served for several years as a naval aviator.

After leaving the Navy he became a journalist and worked in Washington, D.C., for *The Washington Post*, and then for a newspaper in Dayton, Ohio. Settling in Michigan in 1975, he joined the *Free Press* as a writer and columnist covering public figures and politics. He was a champion of the environment and an opponent of the NRA. In 2001 Hugh retired from writing his column.

Hugh's wife, Jan, died in 2018. He is survived by his son, Hugh C. McDiarmid Jr.; his daughter, Margaret McDiarmid Baxter; and five grandchildren.



Matthew White Perry Jr. '56 *66 Matthew died in Charlottesville, Va., June 22, 2019.

He was born in Washington, D.C., in 1934, and went to

St. Albans School there. At Princeton he was chairman of the *Nassau Literary Magazine* and the class poet. At the University of Virginia School of Law he helped found the *Virginia Journal of International Law*. He also attended Union Theological Seminary as a Rockefeller Brother Theological Fellow and studied theological philosophy at the Graduate School of Princeton University.

From 1961 to 1965 Matthew was a lawyer in Washington, D.C. From 1966 to 1972 he was an attorney with Warner-Lambert Pharmaceutical Co., last serving as counsel to its Western Hemisphere Group. From 1972 to 1981 he was with the Pharmaceutical Manufacturers Association, where he served as vice president

international. Subsequently he moved to Palmyra, Va., where he was engaged in the private practice of law until his retirement in 2011. His avocation was writing traditional poetry.

He was a member of the Chevy Chase Club and the Metropolitan Club.

Matthew is survived by his wife of 58 years, Jane; daughters Anne and her husband, Timothy Owen, and Laura Hadley Perry; three grandsons, Christopher, Matthew, and Timothy Jr., and their wives; six great-grandchildren; and his brother, Robert Hastings Perry.

THE CLASS OF 1957



Charles Fuqua '57

Classical language and literature were Charlie's profession and avocation. At Princeton, President Goheen was Charlie's instructor and mentor. Charlie in turn was President Goheen's occasional babysitter and house sitter at Prospect.

At Princeton, he was a member of Theatre Intime, the Aquinas Society, and Prospect Club. His senior-year roommate was Ed Smolensky. Following Princeton and three years in the Navy, Charlie earned a Ph.D. at Cornell, where he met and later married Mary, who was obtaining her own doctorate.

After teaching two years at Dartmouth, he moved to Williams, where he taught Greek and Latin until his retirement in 2003. Of his students, Charlie remarked, "I liked them immensely." Charlie went on studying, including Renaissance Latin and ancient Sumerian mathematics. He taught, too, at a home for children affected by tragedy and was a hospice volunteer. For his last 11 years Charlie was on dialysis thrice weekly. Ten years is considered maximum. He loved his caretakers. Charlie remarked that a difference between him and us was that he knew how he would die.

Charlie died Jan. 19, 2019. Despite occasional grumpiness, some affected, some real, Charlie had a wry, intellectual sense of humor behind which resided joy. Charlie is survived by Mary and their three children.



Miller Ream '57

Miller was a Hillsborough, Calif., entrepreneur. Originally from Iowa, Miller attended Phillips Exeter Academy, where he was class president and captain of the basketball team. At Princeton he was a member of Ivy Club. His senior-year roommates were Ronde Baquie, Mike McTighe, and Whit Wales. "Miller got out of life what he wanted," a friend remarked.

After leaving the Marine Corps, Miller moved to San Francisco to work as a stockbroker. There he met Chonita Bovet. They married in 1960, remaining together until she died 58 years later.

At the time, it was believed that large office buildings were best located in San Francisco rather than on the peninsula to the south. Miller envisioned otherwise. He formed a partnership to develop 24 acres of Bovet family land into an office park with a shopping center. From there, he helped establish Webcor, which under later ownership became a worldwide construction enterprise. He also established the Rusty Scupper restaurant chain. He sold that in 1978. Bearing the same name now, it remains true to his vision. Two years later, Miller founded a bank. He headed it until it was sold 21 years later.

Miller died peacefully Jan. 21, 2019.



Frederick A. Richburg '57

Fred came to Princeton from Mamaroneck High School in Westchester County, N.Y.

In 1952 he was recognized in the Heisman Awards

program along with Dave Smith, his Princeton freshman-year roommate, as an outstanding high school football player. Dave played at nearby Scarsdale High School.

At Princeton Fred was a member of the Westchester Club, Lutheran League, and Whig-Clio. He joined Dial Lodge, but junior year transferred to Lake Forest College in Lake Forest, Ill. In 1956 he matriculated at the University of Illinois College of Medicine, graduating four years later. He completed an ophthalmology residency at Fresno County General Hospital in Fresno, Calif.

Fred was on the leading edge of transforming a two-hour cataract-removal operation under general anesthesia followed by a four-day hospital stay into a 10-minute outpatient procedure with topical anesthesia, the patient ready to return home in an hour.

He was involved in Freemasonry and was a Shriner. Dave Smith has a Christmas/New Year's picture of Fred and Linda standing in front of the Valley Eye Institute & Richburg Cataract Center with 21 of his staff.

Fred died Dec. 12, 2018, of bone cancer. He is survived by his wife of 57 years, a Fresno State alumna, Linda; four children; and nine grandchildren.



Thomas L. Rourke '57

"A wonderful man" is Al Staley's description of Thomas L. Rourke, his roommate for three years.

Tom died May 2, 2019. Troy, N.Y., a one-time manufacturing hub on the Hudson River, was his birthplace, longtime residence, and workplace. He attended Deerfield Academy. At Princeton he majored in English and was a member of Theatre Intime and Colonial Club. Employed in the trust department of a Troy bank, Tom studied at

night, earning a master's degree in elementary education at Russell Sage College in Troy.

He taught remedial reading in Troy under a federal government grant for 11 years. In 1976 he wrote in our 25th-reunion yearbook that multiple sclerosis had forced him to retire from classroom teaching. He then worked in the library of an elementary school for two years, "when I retired completely."

Earlier, he was a lieutenant in the New York State National Guard and a member of the boards of Vanderheyden Hall, the Rensselaer County Chapter of the Red Cross, and the International Talc Co. He was a communicant of St. Francis de Sales Church in Troy.

Tom is survived by his longtime companion, Dorothy Taylor Howley, and her four children; a sister; and several nieces and nephews.



Harrison Steans '57

Harrison led as fulfilled a life as one could imagine. A survivor of two bouts of cancer, during one of which he lost his bladder, he died of congestive

heart failure Feb. 26, 2019.

At Princeton, he was advertising manager of *The Daily Princetonian* and a member of Charter Club. His senior-year roommates were Starr Ford, Dave Hudnut, and Howard Nelson.

After three years in the Navy, Harrison became administrative assistant to Tom Watson, the iconic CEO of IBM. After three years, however, he quit to buy a neighborhood bank, which he expanded into a six-bank holding company that, in turn, he sold in 1987 for \$250 million. Thereafter, he spent his life looking for deals. "He was a deal junkie," a daughter said. He was gruff, evidently, but a superb negotiator and also motivator.

His greatest joy in life, he said, was his three daughters. "A parent's twin roles," he said, "are to try to pass on a work ethic and instill a social conscience." All work in the "family office," generating and then disbursing money through a family foundation for health services, new housing, beautification projects, and encouraging youth in Chicago's perhaps most distressed neighborhood. There is also a Steans-supported charter school that sends 80 percent of its graduates to college. Sixty young music professionals from around the world compete annually for grants from the Steans Music Institute, which Harrison created in honor of his wife, Lois.



Tsu Yao '57

Tsu, a physicist turned banker, died Jan. 15, 2020, his 88th birthday, after a brief struggle with cancer in Palo Alto, Calif. Born in Beijing, China, in 1932, Tsu spent most of his boyhood in Shanghai. In 1949 he immigrated with his



family to this country.

Tsu attended high school in Forest Hills, Queens, N.Y. At Princeton he majored in physics, won the Class of 1861 Prize in mathematics, and junior year was elected a Phi Beta Kappa. His hobbies were bridge and chess. He belonged to Dial Lodge.

Tsu earned a Ph.D. in particle physics at Columbia University and taught at Rutgers and the University of Pittsburgh.

In 1975 he changed careers, joining Bank of America in San Francisco first as a long-term economic forecaster and then as a senior risk analyst. He retired in 2000. He traveled the world with his wife, Winifred, and indulged in his lifelong passion, Chinese history of the Ming and early Qing dynasties, the latter the final imperial dynasty lasting until 1912.

Tsu is survived by Winifred, son Kenneth, brother Kung '61, and many nephews, nieces, grandnephews, and grandnieces.

THE CLASS OF 1958

David R. Comfort '58

David died Jan. 12, 2020, in Grand Rapids, Mich., after a three-year battle against cancer. He was 83.

He came to Princeton from Atherton High School in Louisville, Ky., where he participated in football, tennis, and student government.

He roomed with Lawrence Jelsma, Bill Jansing, and Bill Rudd, but left Princeton after our junior year. Dave served in the Army and then graduated from Springfield College in 1961. After he and Diane married that year, he served as director of the YMCA in Detroit for 23 years and then as executive director of the YMCA in Grand Rapids until 1984. Then he became a tax professional with H&R Block for 20 years.

David is survived by Diane, son Andrew, daughter Rebekah, and six grandchildren. The class extends its deepest sympathy to them all.



Bradford H. Crane '58

Brad died Feb. 28, 2020, in Williamsburg, Va. He was 83.

He came to Princeton from Governor Drummer Academy, where he sang in the Glee Club and was editor of the yearbook. At Princeton he sang in the Glee Club and Chapel Choir and rowed crew for four years. He majored in English and wrote his thesis on Charles Dickens. Brad was a member of Campus Club, and he roomed with Forrest Weight.

After graduation he earned a master's degree in physics from the University of Michigan and a Ph.D. in physiology from Georgetown University and taught at Catholic University.

Brad had a lifelong love of music as a listener and as a singer, as well as sailing, hiking, travel, and the church. He served as an

elder and a choir member at the Georgetown Presbyterian Church in Washington, D.C., where he was a member for more than 40 years. Since 2014 Brad and Anabel, his wife of 47 years, lived in Williamsburg, where Brad was a member of the Williamsburg Presbyterian Church and choir.

Brad is survived by Anabel; his brother, Robert; nieces Elizabeth and Sarah; and nephew Paul. The class extends its deepest sympathy to them all.



Charles Wilson Given Jr. '58

Charley died March 5, 2020, in Virginia Beach, Va. He was 83.

He came to Princeton from Oak Park (Ill.) High School, where he played football, basketball, and baseball, and debated. At Princeton Charley joined Dial Lodge and was on its baseball, football, basketball, and golf teams. He majored in chemical engineering and graduated in 1959. He roomed with Bob Wales, Pete Faber, Bob Hamor, Bill Patton, Steve Nicoll, and Ted Parsons. He was in the Navy ROTC program, and after graduation he served as an ensign in the Navy until 1962.

Charley married Cynthia Raught Aug. 13, 1960. They eventually settled in Cincinnati, where their children were born. He earned an MBA from the University of Cincinnati. They moved to Illinois and lived there until he retired in 1999, when they moved to Williamsburg.

Charley was an avid golfer who maintained a single-digit handicap for much of his playing career. He also was a lifelong fan of the Green Bay Packers, and after everyone in his immediate family had attended Duke University at one point in their lives, he was a strong supporter of the Duke basketball team.

Charley is survived by his daughter, Anne Whitney Raught Given; his son, Jeffrey Scott Given; and his grandson, Connor Benedict Given. The class extends its deepest sympathy to them all.



Robert Hunt Hamor '58

Bob died unexpectedly Jan. 9, 2020, while vacationing with his family in Breckenridge, Colo. He was 83 years old.

He came to Princeton from Harding High School in Marion, Ohio, where he played football, basketball, track, and golf and was an All-Ohio athlete. In addition, he participated in the choir, Hi-Y, and dramatics.

At Princeton he played football, was in the Yacht Club, and was a member of Tiger Inn and the Pre-Medical Society. He majored in biology and wrote his thesis on genetics. He roomed with Bill Patton, Ted Parsons, and Jim Mottley.

After graduation he earned his medical degree from Northwestern University and

interned in Chicago. In 1963 he married Charlotte and then served in the Army for two years as a general physician in Germany. He attained the rank of captain and was awarded the National Defense Service Medal.

He returned to Ohio, completed his residency in radiology, and moved to Hudson, Ohio, where he was a partner in Akron Radiology for 38 years. In 2001 Bob was recognized as a Fellow of the American College of Radiology.

Bob is survived by Charlotte; sons Doug, Briggs, and Victor; seven grandchildren; and his sister. The class extends its deepest sympathy to them all.



Joseph D. Lawrence Jr. '58

Joe died March 23, 2020, in Ypsilanti, Mich. He was 83.

He came to Princeton from Deerfield Academy, where he sang in the Glee Club and was a member of the music, art, and chess clubs.

At Princeton he was a member of Charter Club and principally active in singing groups, notably the Freshman Quartet, the Glee Club, the Chapel Choir, and the Nassoons. He was a member of the Republican Club, the Pre-Law Society, and the Westminster Foundation.

After graduation he read law at Brasenose College, University of Oxford, and then earned a law degree at the University of Michigan. After practicing law for a few years he joined the administration of SUNY Brockport. All that time he was a major business partner in a GM car dealership in Michigan and Indiana. He retired from SUNY and returned to Ypsilanti (he was a fourth-generation Ypsilantian) and began to restore properties and participate in several music organizations.

Joe was married twice and divorced twice. His public obituary says, "In life, Joe was generous with his time and advice. In death he was financially generous to his community and his alma maters. He is survived by friends and business associates."

In our 50th-reunion yearbook, Joe wrote a five-column essay about his life, which should be read by all.



John Clifford MacDonald '58

Cliff died Feb. 11, 2020, in Haverhill, Mass. He was 83.

He came to Princeton from Nashua (N.H.) High School, where he participated in football and track. At Princeton he continued playing football freshman and sophomore years. He majored in civil engineering and was a member of Cannon Club. He roomed with Gib Kirwin, Ken Lenert, and Bill Tornrose.

Cliff withdrew in January 1956 and joined the Navy. Then he attended the University of New Hampshire, majoring in geology.

For many years he had worked at Borden Chemicals, where he was the director of manufacturing.

He was an avid fisherman and loved the ocean waters. Key West was his favorite place for fishing and gathering with family and friends. In the local area, he could always be found on his boat in Newburyport, whether dockside or on the ocean.

Cliff is survived by his two sons, Mark and Michael and his wife, Robyn; the mother of his children, Judith A. MacDonald; his three grandchildren, Isabelle, Genevieve, and Ian; and his two sisters, Sandra Burns and Katherine Yezerski and her husband, Howard. The class extends its deepest sympathy to them all.



Wallace C. Miller '58

Wally died Dec. 19, 2019, in Lake Worth, Fla. He was 83.

He came to Princeton from West Rockford (Ill.) High School, where he was captain of the basketball team, played football and tennis, and was elected to the National Honor Society as a junior.

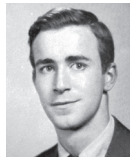
At Princeton he was a member of Cap and Gown, played varsity football, and led the Keycept program. He majored in sociology and economics. He roomed with George Maye, Jim Schroeder, John Eckel, Stan Hale, Lew Kunkel, Yummy Gibbs, Fred Sparling, Bill Pusey, Bill Barnard, and Tom Flagg in Foulke Towers.

After graduation he married Shelley, and they had four children and six grandchildren. After 20 years they divorced but remained very loving friends. When his father became ill, Wally moved to San Diego for seven years to care for him.

In 1964 the family moved to Rochester, N.Y., where Wally had a very successful career with MONY Life Insurance Co. Wally's life was unusual and worth examining more closely; he wrote a long story about his life in the 50th-reunion yearbook.

Wally is survived by his children Burke, Scott, Lara, and Derek. The class extends its deepest sympathy to them all.

THE CLASS OF 1960



George Grenville Cuyler '60

Born in Princeton, educated at Princeton Country Day, graced with Cuyler Princeton ancestors and relatives dating back to 1881 — his father was a member of the Class of 1924 — it almost seems that Grenny was born to be a Tiger. And so he became, after Groton in 1956. And though he wasn't born to the theater, he immersed himself in it from his earliest days to the end of his life.

At Princeton, Grenny majored in English, dined at Ivy, and dove into Theatre Intime and Triangle. In those, he wrote, acted, directed,

stage-handed, and did whatever else the theater needed. After graduation, he undertook a career that ultimately included acting in New York and regional theater, television, and movies; directing and producing in school, nonprofit, and commercial venues; teaching theater at the secondary-school and college levels; and two longer interludes to earn a master's degree at Sarah Lawrence College in 1973 and a Ph.D. at the Shakespeare Institute of the University of Birmingham, U.K., in 1985.

Grenny never achieved the heights of the theater, but he was justifiably proud of the breadth and depth of his career. Never married, he said that his itinerant life made the lovelies, and their mothers, "run for cover." Grenny enjoyed a host of friends and his close, extended family. He died Feb. 1, 2020, of complications of dementia.



F. Allen Harris '60

Tex died Feb. 23, 2020, in Fairfax County, Virginia.

Always a standout at 6 feet 7 inches tall, Tex came to Princeton from Highland Park High School near Dallas. He was a member of Quadrangle Club and a sports photographer for the *Prince*. He was a rare classmate with a car.

After two years motorcycling around Europe and the Middle East and traveling through India and Nepal, and earning a law degree, Tex joined the Foreign Service. Upon his assignment to Buenos Aires in 1977, he became a human-rights saint, uncovering thousands of disappearances and murders of Argentinians deemed dissidents by the military regime. He filed 13,500 complaints of human-rights violations, putting him and his family at great risk almost daily. At the time his reports were not well-received by some at the State Department who preferred to promote commercial relations. We will never know how many lives he saved. Two decades later the State Department awarded Tex its highest medal for his work in Argentina.

Tex is survived by Jeanie, his wife and soulmate of 53 years; three children; and two grandchildren. As one of our most unforgettable classmates, he is remembered for his great sense of humor, his commitment to justice, and his perpetual connectedness with all of us.

THE CLASS OF 1961



George Bernard Pidot Jr. '61

George died Nov. 27, 2019, after a long struggle with congestive heart failure.

Born in Scarsdale, N.Y., he came to us from Andover Academy. At Princeton he majored in economics, ate at Ivy, and was in the Outing Club and WPRB. He took only three years

to graduate, and went on to earn a Ph.D. in economics at Harvard.

He then followed an academic career at Dartmouth College, Temple University, the State University of New York at Stony Brook, and finally as vice chancellor of the public university system in Chicago. After retiring in 1998 he and Joan moved to Wilmington, N.C., where he indulged his love of sailing and cruising the East Coast, the Caribbean, and Europe. Wanting to give back, he was an active volunteer for a number of local charities in Wilmington, including Wesley Memorial United Methodist Church, Bellamy Mansion, and Mother Hubbard's Cupboard, a food-distribution center.

George is survived by his wife of 47 years, Joan; two sons, the Rev. Bruce Handy and Scott Handy and their families; six grandchildren; one great-grandchild; and two brothers, including Jeff Pidot '69.



McKamy Smith '61

Mac died Dec. 21, 2019, at St. Dominic-Jackson Memorial Hospital in Jackson, Miss.

A native of Dallas, he came to us from Highland Park High School. At Princeton he majored in biology, played JV football, took his meals at Tiger Inn, and was a member of Whig-Clio and the Texas Club. He roomed with Joe Messina, Ed Rose, Woody Andrew, and Sandy Falconer.

Following Princeton Mac earned a medical degree and a Ph.D. at Baylor College of Medicine, then interned in San Francisco and took his residency in New Orleans. After a cardiology fellowship at the University of Alabama at Birmingham, he entered into private practice in Jackson and then joined the Jackson Heart Associates and St. Dominic, whence he retired in 2014. Mac was active in his community and church, was an avid fan of both Alabama and Ole Miss football (no mean feat), and was a member of the Sports Car Club of America and Formula V Racing, as well as patron of the arts at the Mississippi Museum of Art and New Stage Theater.

He is survived by his wife of 56 years, Martha; two sons and their families, which include five grandchildren; and his brother, Thomas '64.



William Englar Woodward '61

Bill died Nov. 16, 2019, at his home in Oxford, Md.

Born and raised in Baltimore, he came to us from Gilman School. At Princeton he majored in biology, was a Keyceptor and member of the Glee Club, and took his meals at Ivy. A three-year letter-winner on the wrestling team, he served as captain our senior year. He roomed with Skip Kestler, Jim Gieske, Gus Lewis, and Warren Hills.

The son of two doctors, Bill went on to earn



a medical degree at John Hopkins School of Medicine, interned at Vanderbilt University Hospital, and then joined the Epidemiology Intelligence Service of what is now the National Centers for Disease Control. Then followed an additional residency at Yale New Haven; service with the NIH on an Apache reservation in Arizona; professorships at Maryland and Texas; consultancies in Africa and South America, and so much more, all in epidemiology and infectious diseases. He was the prolific author of numerous scientific papers and abstracts in those specialties.

He is survived by his wife of 21 years, Ingrid; three sons; two daughters; a stepson; a sister; and 15 grandchildren.

THE CLASS OF 1962



Robert W. Astarita '62

Bob died Jan. 18, 2019, of coronary heart disease.

He came to us from Bronx High School of Science, where he played tennis and was president of the Borough Student Government Council. At Princeton Bob rowed freshman crew, was assistant football manager, and was a member of WPRB, eventually becoming head announcer. At Elm Club he participated in IAA football, tennis, and basketball.

Following graduation Bob attended the University of Rochester Medical School, including a fellowship in pathology. In 1967 he married Barbara Jean Frawley of Rochester and moved to the University of North Carolina Memorial Hospital in Chapel Hill for his residency. Joining the Army, he was assigned to Letterman Army Hospital in San Francisco and then Brooke Army Hospital in San Antonio, where he was chief of hemopathology.

Following his military service the family moved to San Diego, where over the years he worked as a staff physician, professor, and supervisor in his field of pathology at the Scripps Clinic, the University of California Medical School, and the VA Hospital. In 1997 Bob moved to Austin, Texas, where he worked at both the University of Texas Medical Center and the VA Hospital. He supervised several VA departments of pathology in a large region of Texas. Bob retired in 2015.

Bob is survived by Barbara; daughters Kathryn, Erin, and Margaret; and grandchildren Haley, Jake, Keira, and Kiley. The class extends its sympathy to all.



Edgar Abbot Lawrence III '62

The class was saddened to learn that we lost Abb Nov. 28, 2019.

Abb majored in psychology at Princeton and played both football and baseball until an injury sidelined him. He was an enthusiastic member of

Cannon Club and a member of the club's bicker committee.

Starting work in advertising in Chicago, Abb opted for the warmer climate in California and began working for Channel 5 in Los Angeles for none other than cowboy-singer Gene Autry, eventually becoming general sales manager of the station. Pursuing his love of sports, he started his own company with sales rights for many major teams. Shortly thereafter, he opened a sports bar in Marina Del Rey named Brennan's Pub. He initiated the bar promotion "Turtle Racing" acclaimed in *Sports Illustrated*. With that success he proceeded to build Pancho's, a Mexican restaurant in Manhattan Beach.

When not handling his businesses, Abb enjoyed game fishing, pursuing treasure wrecks in the Caribbean, and traveling in Africa and Europe. A partner in Team Valor Racing Stables, his horses have run in the Kentucky Derby, the Preakness, the Belmont Stakes, and the Breeders' Cup.

The class extends its condolences to Abb's wife, Ann; and two sons, Abbot and Adam.



William M. Swain Jr. '62

Bill died unexpectedly March 30, 2020. He came to us from Chestnut Hill Academy in Philadelphia, where he was class valedictorian.

At Princeton Bill was the captain in charge of all the dining halls and captain of the rugby team. After a postgraduate year in London studying advanced economics he returned to Philadelphia, where he continued to play rugby until stopped by a broken jaw and a broken ankle. Wisely, he substituted golf and tennis.

Bill was a founder of Linpro, a real-estate development firm, causing him to move back to Princeton with his wife, Linda, the love of his life. As a devoted member of our class, he became active in many University and class activities, becoming president of the class at our 35th reunion. His extensive charitable interests included Princeton University; the arts, including McCarter Theatre; and the environment.

Linda and Bill traveled the world extensively. For the past several years they had a winter home in Palm Desert, Calif., and they recently moved from Princeton to Austin, Texas, to be near family.

He is survived by his wife, Linda; his children, Erik '93, Ellie, and Nicole; and five grandchildren. The class extends its condolences to them all.

THE CLASS OF 1963

William G. Johnson '63

Bill, professor of neurology at Rutgers medical school, died Jan. 30, 2020, of complications from a stroke. He lived in Short Hills, N.J.,



where he spent some of his earliest years.

A graduate of Columbia's medical school, he focused much of his career on the molecular genetics of human brain disorders, especially autism. Author or co-author of scores of articles, books, and monographs, he was on the team that identified the first gene for Parkinson's disease.

Bill was valedictorian of the class of 1960 at New Trier High School in Illinois. At Princeton he majored in chemistry, where he graduated in three years and belonged to the flying club, Whig-Clio, Student Christian Association, and Terrace. Bill studied in Sweden during fall semester of senior year via the American Field Service. At college he encountered "a vast cafeteria," recalling at the time of our 50th reunion: "Our professors were wonderful. My classmates were great. Their friendships really made the experience."

A world traveler fluent in six languages, Bill enjoyed off-hours pursuits including anthropology, genealogy, and languages from Old Icelandic to Basque to Mayan.

The class shares its sadness with his wife, Sandra; sons Trevor '00 and Niels; three grandchildren; and brother Stephen.

THE CLASS OF 1964



William Adolphus Briggs Jr. '64 *66

Bill died Feb. 2, 2020, of cardiac arrest in Sarasota, Fla., near where he and Joan had lived the last few years.

Bill came to Princeton after graduating from St. George's School in Newport, R.I., and then a year at the Highgate School in London. At St. George's, he quarterbacked the football team, captained the swimming team, and played baseball.

At Princeton Bill majored in architecture, earning an AB in 1964 and an MFA in 1966. During his undergrad years, he was on the swimming team and a member of Ivy.

Following graduation Bill joined a series of architectural firms in Connecticut, New York City, and then Chicago. In 1978 he returned to Rhode Island, becoming director of development at St. George's in addition to continuing as a member of the school's board, on which he served from 1970 to 1994. Through the rest of his career, he also continued as an architect on Rhode Island residential projects, served two years as Harvard's associate director of major gifts, and was active with the Defense Orientation Conference Association.

The class expresses its sympathies to Joan, whom he married in 1991; to three children from his first marriage, Elizabeth, Wendy, and William; to six grandchildren; and to his brother, Henry.

W. Chandler Kirwin '64

Chan died Aug. 22, 2019, in Fergus, Ontario, after a two-year journey with cancer. He was 78.

He grew up in Utica, N.Y., graduated from the Kent School in 1959, spent the 1959-60 academic year as an English-Speaking Union Fellow at Denstone College in England, and then graduated from Princeton. As a distinguished fellow in the humanities, Chan majored in art and archaeology, played rugby, and was a member of Colonial Club. He married Ann Marvell shortly after graduation and attended graduate school at Stanford, where he earned his Ph.D. in 1972.

From 1972 to 1979, Chan taught art history at Amherst; he then taught for a year at Smith College before joining the faculty at the University of Guelph in Guelph, Ontario, where he was named a full professor of art history in 1994. He spent several years in Florence, Italy, where he organized celebrated exhibitions at the Uffizi Museum on Leonardo da Vinci, Michelangelo, and Gianlorenzo Bernini and published several catalogs on contemporary Canadian artists including the Drenters family and Ken Danby.

Chan is survived by his wife, Ann; their daughters Elizabeth and Meghan; sister Pamela; brother Hutch; and their offspring. He will be genuinely missed by all who knew him.

**James F. Small '64**

Jim died Dec. 23, 2019, in the Lake Chapala area of Jalisco, Mexico, where he and his wife, Christina, lived for the past eight years. He died after complications from emergency spinal surgery.

Jim was born in Louisville, Ky., and came to Princeton from Fern Creek High School, where he was valedictorian. At Princeton he majored in psychology and was a member of the Woodrow Wilson Society, rooming most years with Joel Raynor.

In 1970 Jim earned a doctorate in clinical and community psychology from Duke University. His first position was with Boston University's Human Relations Laboratory, where he eventually served as associate director and adjunct professor of psychology. From there, Jim went on to serve as executive director of drug and alcohol/community health agencies in both Ohio and California, devoting three decades to attending to the difficulties faced by the poor.

Jim was a gentle spirit, writing poetry and playing guitar, and having a beautiful singing voice. He enjoyed a deep connection to nature throughout his life, having fished and hunted since his youth.

Jim and Christina enjoyed 30 years together. The class offers its sympathy to her; his

daughter, Mollie, from his first marriage; and his sister, Nancy.

THE CLASS OF 1965**Vincent A. Monforte Jr. '65**

Vince died Dec. 25, 2019, in Atlanta, Ga.

He was born on April 15, 1943, to Vincent A. Monforte Sr. and Grace L. (Tidball)

Monforte and graduated from Cherry Creek High in Denver. At Princeton he played football, majored in chemical engineering, and took his meals at Cannon. Upon graduation he was commissioned as a naval aviator, earning air medals including the Navy Unit Commendation Air Medal relating to his Vietnam service, during which he flew the P-3 Orion aircraft. After his discharge he flew for Continental Airlines for 35 years domestically and internationally, retiring as a captain flying the Boeing 777.

During retirement Vince and his wife, Helene, traveled widely in their motorhome with family and enjoyed life. Whether at home or on the road, he enjoyed playing golf. A particularly rewarding hobby was his interest in investing in the stock market.

Vince is survived by Helene; two daughters, Maria Browning and husband Tony, and Julie Floyd and husband Blake; and grandsons Grady Browning and James and Jackson Floyd. The class sends its condolences to all.

THE CLASS OF 1969**James Kettner '69**

We salute the memory of James, whose passing Aug. 14, 2017, has just come to our attention. His wife, Janet, died several months later.

It is with thanks to their daughter, Laura, that we are able to share word of his life. He married in January 1969. After Princeton, he earned a Ph.D. in mathematics at MIT. After teaching at Northern Illinois University, he went into industry with Midwest Dental near Chicago. After retirement, he took physics classes at the University of Chicago and later at the University of Tennessee when the couple relocated there. His commitment to lifelong learning is reflected in the fact that he signed up for drawing classes the day before the stroke that eventually took his life.

Among his myriad interests were reading and music. Although he was initially committed to classical music, Janet is reported to have "corrupted" him into liking Dylan and the Beatles! He also enjoyed gardening and driving and hiking through arboretums and along area waterfalls. He was blessed with an irreverent sense of humor. Belatedly, we extend sympathy to Laura and to Jim's sister, Susan, and her family.

**Robert Wolfe '69**

When Bob died March 31, 2020, in West Palm Beach, Fla., we lost not only a remarkably accomplished classmate but an extraordinarily special

human being. While he and Barbara had lived in Ringoes, N.J., since 1980, they spent a good deal of time through the years in Florida and also in their special place in the Adirondacks.

After graduation and the Army reserves, Bob attended Stanford's Business School, where he met fellow student Barbara Burgess. After graduating he worked at Stanford before returning to work as assistant treasurer at Princeton. In 1976, when Princeton launched a 2,000-acre mixed-use real-estate development, the Princeton Forrestal Center, Bob was instrumental in leading its development. Subsequently, he formed Picus Associates, which continues to manage the center on behalf of Princeton.

Bob served on the boards of McCarter Theatre, the Stony Brook-Millstone Watershed Association, and Princeton in Community Service. He was also on the board of the New Jersey Conservation Foundation.

He enjoyed tennis, travel, photography, and sculling, and was very proud of Barbara's equestrian interests, passion for dressage, and the success she achieved. He is also survived by his sister, Susan; and his brother, William.

Most of all, we remember him for his wonderful smile, his consistently optimistic approach to life in the face of great physical challenges in the last 15 years, and his unfailing kindness and personality. He was very special.

THE CLASS OF 1971**Tony Wofford '71**

Tony died peacefully June 7, 2015, in Denver, Colo.

Tony was born in Oklahoma but moved to suburban Denver as a young teen. He came to Princeton from Alameda High School, where he was a standout in football and wrestling. Tony left Princeton after sophomore year. Classmates remember his gentle spirit and soft-spoken personality. He later attended the University of Maryland, Baltimore, and the University of Colorado, Denver, where he met his future wife, Wanda Holloway.

After college he worked for the Bureau of Land Management and began to travel extensively. He then began a 30-year career with the U.S. Postal Service. His travel destinations included Canada, Mexico, the Caribbean, and many states. His favorite music was jazz and favorite artists included B.B. King, Joe Williams, Eddie "Cleanhead" Vinson, and Al Green. Tony enjoyed sampling new barbeque, soul food, Mexican, and Cajun restaurants. An avid sports lover, he followed University of Oklahoma football, the Denver



Broncos, the Colorado Rockies, and the Colorado Avalanche. Toward the end of his life, he began to make dear friends and open up emotionally and spiritually.

The class extends its sympathies to Wanda, daughter Melody, and other family.

THE CLASS OF 1973

Charles Lorenzo Haywood '73

Charlie died Feb. 7, 2020.

He graduated from Princeton in the politics department. Our fond memories of Charlie include his mellow but crisp demeanor. He was known as "Spence" in Dillon Gym for his hard-working approach to intramural basketball. You did not play nine-ball on the pool table with Charlie if you wanted to hold on to your money and your dignity. Later in life, on the golf course Charlie demonstrated that same penchant for competing and for taking your money.

At Franklin Park High School, Charlie was a championship wrestler and continued to wrestle at Princeton, where he always worked to make his 123-pound weight. After Princeton Charlie taught at the Chad School in Newark, N.J., where he met the love of his life, Brenda Anne Clark Haywood. Charlie went on to have a long career in information-technology management before retiring as senior managing partner at Teradata in 2018.

Charlie's family cherishes his devotion, kindness, and generosity. He is survived by two daughters, Keisha and Danielle; son Eric; three grandchildren, Brendan, Cameron, and Logan; father Willie Haywood Sr.; brothers David, Alwyn, Dexter, and Tyrone; and sister Sandra. He was predeceased by his wife, Brenda; mother Dorothy Redick Haywood; brother Willie Haywood Jr.; and nephew Darrell.

The Class of 1973 extends sincere and warm wishes to Charlie's family and friends.



William F. Jones Jr. '73

A longtime resident of Madison, N.J., Bill died peacefully April 11, 2020, of complications of COVID-19. He was 68.

The son of a Navy pilot, Bill had a peripatetic youth in New Jersey, Georgia, Florida, Texas, Washington, and Alaska, graduating from Lenape Regional High in Medford, N.J. He majored in economics and was a member of Quadrangle Club. He went on to earn a law degree from Georgetown and an MBA at Wharton.

After several years in law and in corporate planning, Bill had a long career in investment management, with J. Bush & Co. and Keswick Management. He was deeply respected by his peers for his talent and dedication.

Bill was a passionate golfer and was dedicated to the Class of '73 — as vice president, treasurer, and for many years, on the

reunion finance committee. He was also pivotal in organizing and running our Class 50th Birthday Party.

Bill is survived by his wife of 35 years, Mary Ellen; sisters Judie and Penny; two nephews, and their families.

Those closest to him would say that Bill was a wonderful curmudgeon — intellectually curious, kind, and modest — who had a wry sense of humor. He will be greatly missed by the Class of 1973.

Gregory G. Magee '73

Greg died unexpectedly Jan. 12, 2017, in Englewood, N.J. He was 66 years old.

Greg came to Princeton from Fort Lee High School in Englewood. His easygoing personality masked his competitiveness: He was a wide receiver on the football team.

Greg graduated from the University of Cincinnati College of Medicine in 1976. He established a pulmonary medicine practice in Englewood in 1982 and was certified in pulmonary, internal medicine and critical care.

He was committed to lifelong learning and healing serving as a diplomat for the American Board of Sleep Medicine, president of the medical staff and chairman of the board of governors of Palisades General Hospital, and director for Sleep/Wake Center at Palisades/Hackensack UMC. He volunteered services with Nova Hope for Haiti, which supports clinics there. He was much loved by his patents, their families, and his cohorts.

Greg loved gardening, golf, walks in the woods, spending time with his family and travel. Greg is survived by his wife, Robin; his daughters, Carrie and Erin; sons-in-law Anderson and Kelvin; six grandchildren; his brother, Kevin; and sisters Susan and Stacy.

The class extends condolences to the family.

THE CLASS OF 1975



Frederick Hewitt Smith '75

With courage, dignity, and wry humor to the end, Fred died of pancreatic cancer Nov. 18, 2019.

Fred grew up in Burlington, Vt., and graduated from Phillips Academy. He majored in English and later earned an MBA from Dartmouth's Tuck School. Over the years, he served as the financial officer for several small entrepreneurial companies, most recently VS2, a data-security software startup.

He was witty and fun, quiet yet assertive, and made lasting friendships, including many at Colonial Club. An accomplished outdoorsman, Fred joined three Princeton friends in Alaska after graduation and climbed Denali, North America's highest peak. In recent years, he enjoyed leading Appalachian Mountain Club hikes and ski-touring adventures, mostly in northern New England.

With an enormous range of interests, from science to music to literature and poetry, he continued to recite poetry and loved to sing.

Fred and Lisa Char-Smith '75, who married in 1980, raised three children: Matthew '05, Katharine '07, and Timothy (U. of Rochester '11). This past August, Fred and his family were able to enjoy a wonderful two-week trip together to London and Scotland. Family remained the center of Fred's life. The class joins Lisa, their children, and Fred's four siblings in sadness at the loss of this good man.

Frances Hoar Foster '77

Frances died Oct. 4, 2019, in California.

She graduated *magna cum laude* in Slavic languages and literatures. Her classmates remember her as a natural linguist. She went to Yale and earned a master's degree in international relations and a law degree, graduating in 1981. She was editor of the *Yale Law Journal*. Frances received her J.S.D. from Stanford University in 1987.

In 1988 she began teaching at Washington University School of Law in St. Louis, an expert in Chinese/Soviet law and estate and trust law. She was appointed the Edward T. Foote II Professor of Law in 2005 and retired in 2018.

Frances is survived by her husband, Lynn M. LoPucki; her mother, Barbara Foster; her brother, Jonathan Foster; and her sister, Susan Foster. A brilliant scholar and hard-working teacher who was continuing to write and research after retirement, she will be missed.

THE CLASS OF 1978



Robert Smith '78

Bob died Jan. 9, 2020, after living a year with an untreatable neurological disease. A tenacious man and an unfailing optimist, he

accepted his situation and did what he could to keep his mind and body fit.

Bob was always good-mannered and well cultured, sometimes wearing a suit and tie in second grade, just because he liked to dress up. At Princeton he rowed lightweight crew and belonged to Cap and Gown. An electrical engineer who studied finance, Latin, and the classics, Bob earned a Ph.D. in magnetism from Carnegie Mellon. At CMU, he renamed himself Robert, ate a peanut-butter sandwich every day, and met his future wife, Irene. Lunches improved when they married and moved to San Jose, where he continued his career manufacturing disc drive heads with IBM, Maxtor, and Hitachi.

In San Jose, the Smiths joined St. Luke Lutheran Church, where Robert belonged to the Men's Bible Study Group, a group of strong men who grilled hot dogs and talked about faith and life. He was also active in the YMCA's father-daughter Indian Princess program,

and loved camping trips with his daughters. He exercised every day at the YMCA, taking an Uber when he could no longer drive. In a wheelchair, he remained committed to exercise using the upper-body machines in the neighborhood park.

In his last days, Robert sat in silence, reading the Bible. Our condolences to Irene Skupniewicz Smith and their two daughters, and our thanks to Mark Gabrielson, who supported Bob until the end.

THE CLASS OF 1982



Michael Franklyn Sligh '82

Michael died March 17, 2019.

Born May 2, 1960, in Fort Eustis, Va., he grew up in Long Branch, N.J., and graduated from Long Branch High School. At Princeton he joined Charter Club, the National Society of Black Engineers, and the Third World Center, and participated in varsity track and field. He majored in electrical engineering and computer science.

In Michael's career he was most passionate about and proud of the work he did for the Department of Defense. Michael served as an usher for many years at Fort Monmouth's Post Chapel before becoming an active member of First Presbyterian Church of Long Branch. He always looked forward to playing his part annually in the Living Last Supper.

He was a very dedicated volunteer for PACE Monmouth, teaching pre-calculus, calculus, and algebra II, serving 11 years as math coordinator. He was instrumental in the success of the electrical engineering program, assisting in the classroom, organizing field trips, and securing notable banquet guest speakers to inspire the students.

Michael was a loving uncle and brother, avid bowler, and huge fan of Chuck Mangione's music. He is survived by his sisters, Margaret and Mary; four nieces; one nephew; one great-niece; and one great-nephew.

THE CLASS OF 1987



Suzanne Palminteri '87

Sue died Nov. 30, 2019, after a vigorous fight with multiple myeloma.

Sue was born in New Jersey on a small farm 90 minutes from Princeton. That short journey gave no hint of the world traveler our history major classmate would become. After playing on the Princeton tennis team, Sue played professionally in Europe. She returned to the U.S. dedicated to protect the natural world, earning a master's degree in environmental policy at Duke in 1994 and a Ph.D. in ecology at the University of East Anglia in 2011.

She married fellow conservation scientist George Powell; their research took them to

Africa, Asia, and Central and South America, where they had numerous close friends and countless adventures. She was a mentor to many, and her enthusiasm, passion, and knowledge inspired colleagues and friends. She was recently conservation technology editor at *Mongabay*, which has established a memorial fund.

Classmates remember undergrad Sue dancing with joy till dawn on Prospect. Upbeat '80s tunes particularly suited Sue's ebullience. We will miss her under the Reunions tents and always.

Sue is survived by her husband, George Powell; her dad; and siblings Elaine and Paul. Her mother predeceased her. Along with family, her '87 friends miss her dearly.

GRADUATE ALUMNI

James W. Clark '50

James Clark, who, served five U.S. presidents in the Executive Office of the President, and was the deputy director of the Princeton Plasma Physics Laboratory, died Aug. 6, 2019, at the age of 95.

Clark was at Oberlin College when he enlisted in the Army, and he was wounded in combat with Gen. Patton's 3rd Army. Returning to Oberlin, he graduated in 1948. A member of the first MPA class at Princeton's Woodrow Wilson School, he graduated in 1950. He then moved to Washington, D.C., committed to public service.

For 20 years he served in the President's Office of Management and Budget, responsible for financial management, planning, development, and coordination of policy proposals, and administrative oversight for a variety of national priorities.

In 1970 Clark became director of strategic planning and product development for the Chase Manhattan Bank. In 1982 he returned to Princeton as deputy director of the PPPL, where for eight years he managed the administrative operations of the largest nuclear-fusion research lab in the United States.

Clark's wife of 62 years, Margaret Custin Archer, died shortly after he did, on Nov. 20, 2019. He is survived by two daughters, including Margaret '88, and five grandchildren.

Shinya Inoué '51

Shinya Inoué, an innovative microscopist and cell biophysicist at the Marine Biological Laboratory (MBL) in Falmouth, Mass., died Sept. 30, 2019, at age 98.

Inoué graduated from Tokyo University in 1944. In 1948 he entered Princeton, and he earned a Ph.D. in biology in 1951. In his more than half-century career, Inoué introduced the era of live-cell imaging by using polarized-light microscopes to explore the intricacies of cellular structure and dynamics.

Before joining the MBL full time in 1982 as a senior scientist, he was at the University

of Pennsylvania. At the MBL he founded an international collaborative center for innovation in light microscopy, which benefited interaction between the microscopy industry and the academic community. The MBL named him a Distinguished Scientist in 1986, its highest honor.

Inoué held four patents for his microscopes and wrote innumerable papers, many included in *The Collected Works of Shinya Inoué: Microscopes, Living Cells, and Dynamic Microscopes* (2008). He was honored by the Government of Japan, the National Academy of Sciences, the American Academy of Arts and Sciences, the Microscopy Society of America, and the American Society for Cell Biology.

He is survived by his wife, Sylvia; five children; six grandchildren; and one great-grandchild.

Karl E. Meyer '56

Karl Meyer, a noted foreign correspondent and editorial writer for *The Washington Post* and *The New York Times*, died Dec. 22, 2019, at age 91.

Meyer graduated from Wisconsin in 1951. At Princeton he earned an MPA in 1953 from the Woodrow Wilson School and a Ph.D. in 1956 in politics. He spent 15 years with *The Post* as an editorial writer and bureau chief in London and New York. Later he joined the editorial board of *The Times* in 1979 as a senior writer on foreign affairs before retiring in 1998.

An adventurous reporter, Meyer covered Castro's revolution in Cuba, the Bay of Pigs invasion, and the 1968 Russian invasion of Czechoslovakia. In 1973, he wrote *The Plundered Past*, which helped inspire a cultural heritage restitution movement.

In a signed editorial in 1990, Meyer responded to a revelation of serious derelictions by Walter Duranty, *The Times'* Pulitzer Prize-winning bureau chief in the 1920s and early 1930s. Meyer wrote that Duranty had ignored Stalin's terrible crimes against his own people and was guilty of "some of the worst reporting to appear in this newspaper."

Meyer is survived by Shareen Blair Brysac, his third wife, whom he married in 1989; three children from his first marriage; and three grandchildren.

Sufian Y. Hussein '60

Sufian Hussein, retired professor of mathematics at the University of Wisconsin, Madison, died Dec. 30, 2017, at the age of 88.

Hussein graduated from Rutgers University with a bachelor's degree in 1953 and a master's degree in 1954. He earned a Ph.D. in mathematics from Princeton in 1960. He was an instructor at MIT before joining the University of Wisconsin, where he remained until retiring in 2001.

Hussein worked primarily in algebraic topology on topics such as loop spaces



and configuration spaces. In a long-term collaboration with a UW-Madison colleague, he wrote a number of influential papers exploring applications of algebraic topology to diverse topics in analysis, manifold theory, economics, and mathematical physics. A joint monograph, published in 2001 by Springer, is highly regarded.

According to a statement from the University's Madison Department of Mathematics, Hussein "was a source of knowledge and inspiration for students and faculty alike."

Edward L. Claiborn *64

Edward Claiborn, professor emeritus of economics at the Virginia Military Institute (VMI), died peacefully Jan. 15, 2019, at age 85.

After graduating from the University of Idaho, Claiborn joined the Air Force, where he served for 26 years and rose to the rank of colonel. While in the Air Force, he earned a master's degree in 1961 and a Ph.D. in 1964 in economics from Princeton.

In the Air Force he was a forward air controller in Vietnam, a flight instructor, a professor of economics at the Air Force Academy, and the head of the ROTC detachment at the University of California, Berkeley.

After the Air Force Claiborn joined VMI as a professor of economics, retiring as a professor emeritus in the Department of Economics and Business.

A quietly spiritual person, Claiborn was an active elder in the First Presbyterian Church of Lexington, Va. He was a member of the Kiwanis Club, the Rotary Club, and the Sons of the American Revolution.

He is survived by his wife, Shirley; two daughters; and two grandchildren.

Franz J. Moehn *67

Franz Moehn, the retired head chef at the Institute for Advanced Studies in Princeton, died Dec. 15, 2019. He was 88.

Born in 1931 in Germany, he emigrated to Milwaukee, Wis., in the mid-1950s. After gaining U.S. citizenship, he was drafted into the Army. In 1964, he graduated from the University of Wisconsin, Madison, with honors in comparative literature.

In 1967 Moehn earned a master's degree from Princeton in Germanic languages and literature. He taught at Princeton and Rider College while continuing as a Ph.D. student. But he "found the academic job market unappealing," changed careers, followed in his father's footsteps, and became a chef and manager at area corporate headquarters and hotels.

In 1979 he became the head chef at the Institute for Advanced Studies, and retired in 1996. He not only fed many a genius, but also impressed them with his erudition. He had the ability to hold court for hours with a gift for storytelling and a brilliant memory for details

of history, music, literature, and soccer. In retirement, he divided his time between the U.S. and France.

Moehn was predeceased in 2016 by his wife, Jeanette. He is survived by two children and four grandchildren.

John S. Dickey Jr. *69

John Dickey Jr., scientist, author, and poet, died Oct. 8, 2019, of cancer at his home in Puerto Rico. He was 78.

Dickey grew up in Hanover, N.H., where his father, John Sr., was president of Dartmouth College from 1945 to 1970. Dickey Jr. graduated from Dartmouth in 1963 with a bachelor's degree in geology. On a Fulbright scholarship, he earned a master's degree in geology in 1965 from the University of Otago in Dunedin, New Zealand. In 1969, he earned a Ph.D. in geology from Princeton.

He was a member of the Smithsonian research team that first examined the moon rocks from Apollo 11. His career included positions at MIT (assistant professor), National Science Foundation (program director), Syracuse University (chair of the geology department), Trinity University in San Antonio (dean of science, math, and engineering), and the American Geophysical Union (director of outreach and research support).

In addition to articles of scholarship, Dickey wrote *On the Rocks* (Wiley, 1988), a book about the Earth and planetary sciences for the general public. He also published two collections of poetry, lyric poems about rural life, and an epic poem about the Earth and the solar system.

Dickey is survived by his wife, Lynn; one son; and two grandchildren.

Michael F. Hein *73

Michael Hein, a former professor of building science at Auburn University, died of cancer June 21, 2019, at the age of 70.

In 1971 Hein graduated from Tulane University with a bachelor's degree in civil engineering. In 1973 he earned a master's degree in civil and geological (structural) engineering from Princeton. He spent his early career in the Pacific Northwest teaching at Bellevue Community College and the University of Washington, helping his students' creativity to blossom.

He went to Auburn, Ala., and its university in 1987. He remained as a teacher and mentor to thousands of students and many junior faculty members for 28 years. Hein's career was guided by a "desire to understand the relationship between utility and beauty in the engineered environment." He challenged his students to explore ideas that combined engineering and humanities.

A great lover of music and language, Hein pursued reading, writing, and solitary walks in the outdoors in his final years.

He is survived by his wife of 37 years, Kathleen; four children; and three grandchildren.

Peter S. Rohowsky *75

Peter Rohowsky, director of development at Art Resource, New York City, died April 4, 2019, at the age of 67.

In 1972 Rohowsky graduated from New York University, with election to Phi Beta Kappa. In 1975 he earned an MFA in art history from Princeton. Throughout his career he worked in management and administrative positions at arts-oriented organizations, as well as having been a self-employed art dealer.

In recent decades he was a senior account executive for new media at Corbis-Bettmann, manager of photo research at the Hulton Archive of Getty Images, and executive manager at the Picture Desk (The Art Archive).

His wife wrote that he was a man of charm and honesty, as well as having "the good looks and modesty" of Jimmy Stewart '32.

Rohowsky is survived by his wife, Deborah Sole; and son, Maxim.

Hendrik J. Kranenburg *78

Hendrik Kranenburg, retired group president for higher education at McGraw-Hill, died suddenly of a heart attack Jan. 17, 2020, while hiking in Grenada. He was 64.

Kranenburg was born in 1955 in New Zealand to Dutch emigrant parents, and was raised and naturalized a citizen in California. In 1976 he graduated from the University of California, Berkeley, and in 1978 he earned an MPA from Princeton's Woodrow Wilson School. He then worked at the Federal Reserve Bank of New York.

In 1980 he joined Standard & Poor's (S&P), a subsidiary of McGraw-Hill. In 1984 he moved to London, opened S&P's first overseas office, and started its international credit ratings. From 1989 to 1999 he led S&P's growing international businesses from New York. From 1999 to 2005 he headed S&P's data services, its other major operation.

In 2006 Kranenburg moved to S&P's parent, McGraw-Hill, as president of its higher education and international publishing business. He led the company from book distribution into digital-learning services. He retired in 2010.

Kranenburg was a dedicated adviser and board member of several nonprofit organizations. A lifelong churchgoer, he was an ordained Presbyterian elder.

He is survived by his wife, Linda Alice Frankenbach '74, whom he married in 1990; and two children, including Christopher '15.

Graduate memorials are prepared by the APGA.

*Undergraduate memorials appear for Olvi L. Mangasarian '54 *55, Matthew White Perry Jr. '56 *66, and William Adolphus Briggs Jr. '64 *66.*

Classifieds

For Rent

Europe

Paris, Left Bank: Elegant apartment off Seine in 6th. Short walk to Louvre, Notre Dame. 609-924-7520. gam1@comcast.net

Paris, Marais: Elegant, 2 bedroom, 2 bath apartment, vibrant Pompidou museum/sidewalk café quarter on 13c pedestrian street, full kitchen, w/d, AC, cable. desaix@verizon.net, 212-473-9472.

France, Paris-Maraais: Exquisite, sunny, quiet one-bedroom apartment behind Place des Vosges. King-size bed, living/dining room, six chairs, full kitchen, washer, dryer, weekly maid service, WiFi, \$1350 weekly. corinnabarbara@gmail.com

Italy/Todi: Luxurious 8BR, 7.5BA villa, amazing views, infinity pool, olives, lavender, grapes, vegetable garden, housekeeper included, cook available, A/C, Wi-Fi. Discount for Princetonians. Photos/prices/availability: www.luxuryvillatodi.com, p'11.

Paris, Tuileries Gardens: Beautifully-appointed, spacious, 1BR queen, 6th floor, elevator, concierge. karin.demorest@gmail.com, w*49.

Paris 7th: Fifth floor, quiet, studio sleeps 3. Balcony. View Eiffel Tower. www.parisgrenelle.com, 207-752-0285.

Unique 1880s heritage Irish farmhouse on fourteen acres in Ox Mountains, County Sligo; Wild Atlantic Way; Fáilte Ireland Welcome Standard; a Hidden Ireland Property. Adventure, Culture, Food! info@oldirishfarmhouse.com, '77.

Paris near Louvre, Opéra, Ritz Hôtel. Family owned. Sleeps two, terms depend on season, 6 night minimum. apower7@icloud.com, 831-521-7155, w'49.

Spectacular Tuscan Villa: the vacation of a life time — views, vineyards, olive groves, pool, privacy, luxury! 805-682-2386, www.CortonaAir.com

United States Northeast

Stone Harbor, NJ: Beachfront, 4BR, upscale. 570-430-3639, Stoneharborbeachhouses.com, radams150@aol.com

Southampton, New York: Stunning secluded 4-acre estate on Shinnecock Bay. Beachhouse charm, 7BR, 4BA and 2BR, 1BA guest cottage. Gated drive, fully renovated kitchen/bathrooms, heated pool, private bay beach. Available year-round, weddings/events. info@baybeachestate.com '01.

Chatham, Cape Cod: Charming 3BR, 1.5BA, private yard/outside shower, walk town/beach. 917-912-2361, Batcheller40@hotmail.com, k'60.

United States West

Big Sky Montana: Charming 4 BR log home on 20 acres beautifully furnished, spectacular views, Big Sky sunsets, skiing, hiking, fishing and golfing within 5 minutes. Close to Yellowstone National Park and Bozeman. Enjoyment all 4 seasons. 610-225-3286. janegriffith655@gmail.com, s'67.

Park City/Deer Valley, Utah: 3 BR ski-out condominium in Upper Deer Valley. Newly remodeled, hot tub, beautiful views, available all seasons. Reasonable rates. 937-825-4137 or pjkolodzik@aol.com, p'12 p'20.

Real Estate for Sale

Rockport, Maine. Finely built, 3BR, 3BA gem with panoramic views, southern light, close to village. Large open floorplan, one floor living plus finished attic and basement, solar panels, attached two car garage. View house: Camden Coast Real Estate, MLS 1401046. purpletour. jean@gmail.com, s'60 p'84 p'91.

Sell to a Tiger! Have a house to sell?

Advertise in PAW to attract qualified buyers. For info and assistance contact Colleen Finnegan at cfinnegan@princeton.edu or 609.258.4886.

Automobiles for Sale

1985 (P-Rade worthy!) bright orange VW Vanagon camper needs new Tiger home. Currently residing in Langhorne, PA. Better condition than many of us! janedfremon@gmail.com, '75.

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College Consultant. Allison Baer, Ph.D. (Princeton '96, Columbia '03) guides students through the admissions process. Over 90% of her students are accepted to one or more of their top schools! Call 212-874-2424 or visit www.allisonbaerconsulting.com today.

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Personals

Single retired Surgeon Princeton grad, looking for female companion 55-75 years old, in Delray Beach area for great conversation and companionship. Call or text 561-376-8744.



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He Composed for an Orchestra of Bytes

By Elyse Graham '07

The composer lifts his arms, pausing while writing a line of music to sketch, with his body, the flow of melody from the instrument. He closes his eyes and moves his hands, imagining his fingers hovering over the keys ... of a Bell Labs mainframe computer.

David Lewin *58 was the first professional composer to use computer technology to write and produce music. In 1961, a Bell Labs engineer named Max Mathews, who had developed hardware and software that could convert digital signals to analog and thus play digital instructions as music, wanted to see how an “adventurous musician” might use the technology. He reached out to Lewin, who had turned down a mathematics fellowship at Princeton to study music there instead, and who, as a postdoctoral

fellow at Harvard, was making waves as an exceedingly mathematical musician.

Meticulous and playful, Lewin liked to transform the phone numbers of friends into fugues. He later advised a colleague who was teaching a course on counterpoint to a class of 45 students to turn the assignments into a combinatorial game: “Teach three-part inventions, have 15 each write a top voice, 15 a middle voice, and 15 a bass voice. There will be 3,375 possible inventions, and a measure or so of one of ’em is bound to work after a fashion. The students can be assigned to check for the best measure.”

Mathews taught Lewin the programming language Fortran II; this language, which humans could read,

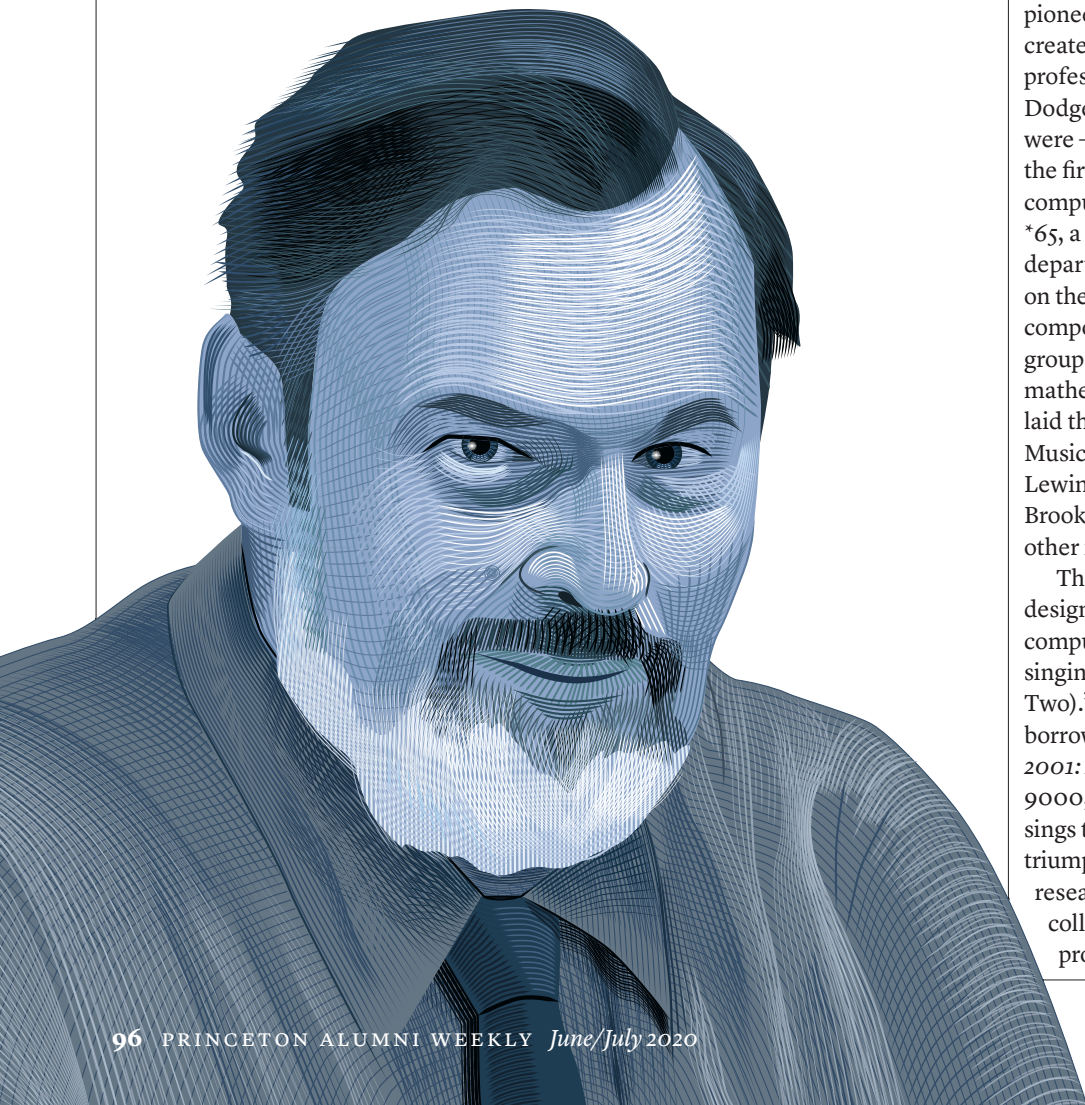
The sounds on the LP are otherworldly, the first audio reports from a new planet.

then had to be translated into machine language on punch cards, with hundreds of cards required to produce just one second of sound. “Since I was living in Cambridge, Massachusetts,” Lewin later said, “I would write programs and mail them to New Jersey, where staff would put them on [punch] cards and run them, sending me analog-converted results by return mail.”

Some of Lewin’s experiments appear on a remarkable record that Bell Labs released in 1961, titled *Music from Mathematics*. The sounds on the LP are otherworldly, the first audio reports from a new planet — a dialogue between synthesizers, sorrowful minor-key melodies, and the found noises of electronics, soon to be the soundtrack of modern fantasy: the whirling oop that follows a UFO in a B-movie, the looping staircase melodies of video games.

Princeton University, which was just 40 miles from Bell Labs headquarters in Murray Hill, New Jersey, was a pioneering institution for computer-created music. J.K. Randall *58, a professor at Princeton, and Charles Dodge, who taught music at Columbia, were — along with Lewin — among the first composers to write music for computers. Godfrey Winham ’56 *58 *65, a lecturer in Princeton’s music department, taught the first-ever course on the subject in 1966. The Princeton composers, as musicians call a group of Princetonians who applied mathematical set theory to music theory, laid the basis for the singing of circuits: Music is numbers, and so are computers. Lewin went on to teach music at Stony Brook University and Yale, among other institutions.

The Bell Labs record includes a piece designed to check the accuracy of the computer’s output: a synthetic voice singing “Daisy Bell (Bicycle Built for Two).” The director Stanley Kubrick borrowed the conceit for his 1968 film *2001: A Space Odyssey*, in which HAL 9000, the supercomputer in the film, sings the same song. Following Lewin’s triumphant debut with Mathews, researchers at Bell Labs and Princeton collaborated widely on programs for producing synthetic sound. ♦





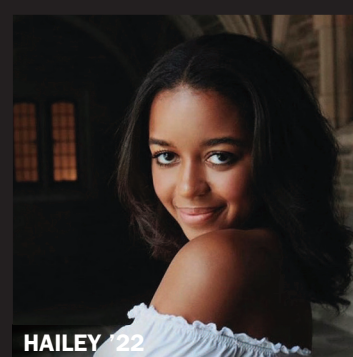
MAKAILYN '22



MAGDALENA '22



TOBI '21



HAILEY '22



ELLA '23



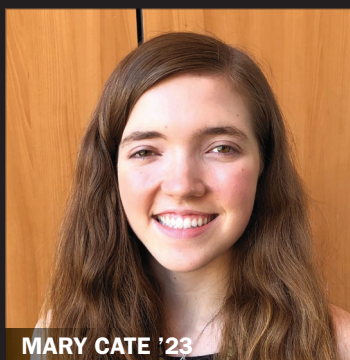
UCHE '22



JULIO '23

**“I feel that I can
count on this
University, and
this University
can count
on me.”**

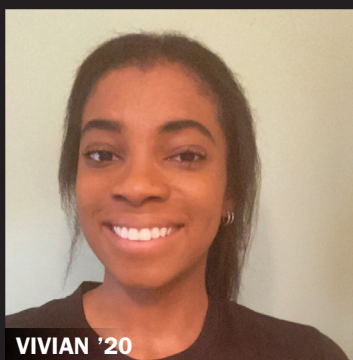
—JULIO '23



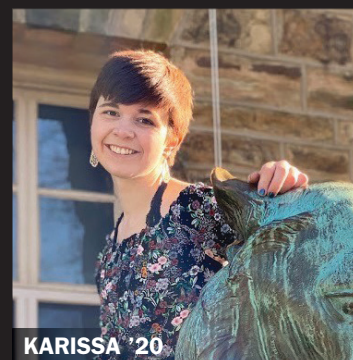
MARY CATE '23



BEN '20



VIVIAN '20



KARISSA '20

Photos courtesy of students

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James Sykes

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