WAR PREPARATIONS IN 1917

DAY OF A DANCER CHANGES PROPOSED FOR HONOR CODE

ALUMNI WEEKLY

LIVES LIVED AND LOST: 2017 Architect Hugh Hardy '54 *56

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> Jean Négulesco, *Still Lif*e (detail), 1926. The Phillips Collection, Washington, DC, Acquired by 1930

February 7, 2018 Volume 118, Number 7

PRINCETON ALUMNI WEEKLY

2

3

5 11

21

41

An editorially independent magazine by alumni for alumni since 1900

PRESIDENT'S PAGE

INBOX

FROM THE EDITOR

ON THE CAMPUS

Students push for Honor Code constitution changes • Student Dispatch: Sixthvear grad students • Space for science innovators • A Day With ... Dancer Peyton Cunningham '20 + Gradstudent union push on hold + SPORTS: Basketball star Bella Alarie '20 • The Big Three

LIFE OF THE MIND

Climate-change calculations • Putting old cellphones to use Faculty books

PRINCETONIANS

Innkeepers Bert Smiley *78 and Nina Feldman-Smiley *79 • Parisian perfumers • Bail reformers • A Purple Heart for Victor Prato '15

THAT WAS THEN	80
CLASSIFIEDS	78
MEMORIALS	64
CLASS NOTES	46



Lives Lived and Lost: An Appreciation

PAW remembers alumni who have died since December 2016, including: Lloyd Cotsen '50 • Richard "Thor" Thorington Jr. '59 • Fred Borsch '57 • Hugh Hardy '54 *56 • Charles Hey-Maestre '77 + Sidney Drell '47 + William Norris '51 + Raymond Smullyan *59 + Frank Deford '61 • Janice Nittoli *85 • John "Tex" Farrington Jr. '42 • Ward Chamberlin Jr. '43

24

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Filling the Gap

Students reflect on the reasons that they decided to take a year away from Princeton and the valuable things they learned in their time off campus.



I Pledge My Honor ... A historical look at the 124-year-old Princeton honor system.

Reviewing The Post

Historian Kevin Kruse shares his take on the film in the latest edition of PAW Goes to the Movies.

Class Close-Up Shaun Marmon *90's seminar explored sanctuary and the immigration debate.

The Vital Role of Princeton's Endowment

Carolyn Ainslie is now in her 10th year as Princeton's Treasurer and Chief Financial Officer. She is a superb administrator, a nationally recognized leader in her field, and a terrific public speaker. I asked her to share some insights into Princeton's financial model.-C.L.E.

ne of the most frequent questions I get when introduced as Princeton's CFO is, "What do you do with all that endowment?" It's one of my favorite questions because the answer goes to the heart of Princeton University and to the extraordinary loyalty and generosity of its many generations of alumni.

The endowment is fully deployed and actively supports the University in accomplishing its daily mission—making it possible for students from all backgrounds to live and learn with exceptional faculty, and for those faculty to teach and

conduct cutting-edge research on a vibrant residential campus.

If the endowment totals over \$20 billion and the annual operating budget is \$2 billion, are we fully utilizing this precious resource? The simple answer is yes. The total payout from the endowment in this fiscal year is a little over a billion dollars, which supports about half of the annual operating budget.

The endowment is made up of more than 4,000 funds that have been established over Princeton's 270-year



Vice President for Finance and Treasurer Carolyn Ainslie

history. The first endowment on record dates back to the 1700s, and it was created to provide a scholarship that has supported and continues to support financial aid for undergraduates.

Over the years we have sustained and enhanced this long-standing commitment to access and affordability. Today, between 20 to 25 percent of the endowment supports financial aid for undergraduate and graduate students. The University's need-blind admission process and its needbased financial aid program make it possible for admitted students regardless of financial circumstances to attend Princeton and graduate with little or no debt. Twenty-two percent of this fall's freshman class are Pell-eligible (family incomes typically less than \$50,000). For these students and a number of others, financial aid covers their entire student bill, including room and board, with no contribution required or expected from their parents. The endowment makes this generous financial aid program possible.

Approximately 20 percent of the endowment supports faculty and their trailblazing contributions to scholarship

on this campus and to the world of ideas. The University has more than 200 endowed professorships, which are used to honor the most distinguished of Princeton's professors. Many of these endowed professorships were given by loyal alumni to further the intellectual and research aspirations of the faculty, and to broaden the University's reach in new areas of discovery. Endowed professorships help the University recruit and retain the best faculty.

Students and faculty engage in their studies on a beautiful campus that supports learning and discovery for all Princetonians. Approximately 12 percent of the endowment supports the renewal and maintenance of these physical spaces that enable Princeton to thrive. The University is disciplined in allocating endowment payout to support the operating and maintenance costs of new facilities to ensure that there is a source of ongoing funding to provide for its facility operations and stewardship.

The endowment also supports the library and its acquisitions, a broad array of academic programs, and campus life priorities including athletics and religious life. When taken together, these varied and vital uses of our endowment support 50 cents of every dollar spent every day at Princeton in support of our students, faculty, programs, services, and spaces.

And it is not just about today! An endowment by definition has an obligation to support its purpose indefinitely into the future. Our enduring mission requires a steady, predictable budget environment. The endowment spending needs to take into account that we have good years and bad years and that many depend on it, including the donors who contributed gifts and the students and faculty of today and tomorrow.

This requires an investment strategy and a payout policy that balances our commitment to support current generations with our responsibility to maintain an equivalent level of support in the future. All of the uses described above typically grow each year. This year, we are paying out 5.5 percent of the endowment's market value. If you estimate inflation of 2 to 3 percent, this will require an investment return of at least 7.5 to 8.5 percent to keep up with ongoing obligations every year. This is an audacious goal, particularly with market volatility. Our investment team at Princo has achieved total investment returns averaging 12 percent per year over the last 20 years, even with the financial meltdown of 2008. This performance, superb by any standard, places us in the top 1 percent of our peers.

We also rely on the steadfast support of our alumni to help Princeton remain at the cutting edge of teaching and learning. Continued growth in our endowment through new gifts plays a crucial role in our mission to advance domains of knowledge, ensure the affordability of a Princeton education, and make a lasting impact in service of the nation and the world.

Whenever I hear the age-old question about the role of Princeton's endowment, I can confidently declare that the endowment is at work!

Inbox

SUPPORT FOR DREAMERS

I am, I suppose, part of a rather large number of alumni who read the print edition of PAW from back to front, so it was that I read the piece about slavery and its connection to Princeton before I read my classmate Bruce Elliot's letter in the Nov. 8 issue. When I read that letter, however, I was struck by the irony. How can we reject the kind of inhumane judgment that allowed slavery, and not also reject that same quality in our treatment of Dreamers?

The Dreamers I have known were brought to the States as children and had no say in the matter. Had they known the reality, they might have tried to maintain their family connections in their countries of origin and to have learned the language of their homelands, but they were far more committed to being part of this country and to helping their parents to learn English.

To say that they deserve to be treated like those who have come here willingly and deceitfully is, in my opinion, the same as saying that slaves because they didn't immigrate willingly — had no right to citizenship after the Civil War. It is the same lack of moral and ethical awareness that allowed the University at that time to inscribe names of the dead without designation of Yankee or Confederate; to say in effect that being pro- or anti-slavery were equivalent values.

We do not live in times when it is sufficient to accept all positions as morally equivalent. I commend any

PAW TRACKS

PART OF THE TEAM: As an undergrad, Bill Farrell '77 was proud to coach Princeton's fledgling women's track and field squad. Decades later, he found similar joy working with classmates to distribute much-needed wheelchairs in South America. Listen to Farrell's story at paw.princeton.edu. attempt by our alma mater to provide every possible support to undergraduates who are Dreamers. And I hope that Princeton will also continue to ignore immigration status in admitting students. After all, does our great college not have a responsibility to educate the best of young men and women to move the world forward?

Ken Weene '62 Scottsdale, Ariz.

PUP: TO THE HEIGHTS

PAW's article on the recently retired and new directors of Princeton University Press (feature, Dec. 6) was a welcome overview of where the Press has come in recent years under Peter Dougherty and where it is going under Christie Henry.

But as one who was employed by the Press for 22 years (1967–89), rising from copy editor to editor-in-chief under Herbert Bailey Jr. '42, I feel obliged to give some extra credit where it is due.

The Press' endowment, on which its financial success in the past few decades has rested, was multiplied manyfold when the Press took over the Bollingen Series from Pantheon in 1967 along with the funds that Paul Mellon had donated to bring that series to completion. Those funds, originally \$10 million, grew to more than \$300 million before the economic downturn of 2008.

Harry Frankfurt's On Bullshit was not the first Press book to reach the New York Times best-seller list. It was preceded by Joseph Campbell's The Hero with a Thousand Faces, originally



FROM PAW'S PAGES: 04/21/1939

TEN-WORD SPEECH

Editor, the Weekly Sir:

T has been my opinion until recently that it was always necessary to employ subtle, long-winded and roundabout methods to express or to change public opinion. The ten word speech of Hon. Charles Browne '96 to a large and impatient audience at a ground-breaking ceremony, held here one cold windy day recently, changed my ideas in a very few seconds.

Dr. Browne's speech, preceded by those speeches of numerous other prominent Legislators and State Officials, literally "brought down the house." His speech was, "Gentlemen: It's too damn cold to talk, let's go home!" EBWIN L. KIMBLE '32 Princeton.

published in 1949 but reissued in 1988 when Bill Moyers interviewed Campbell on PBS, selling more than 300,000 additional copies.

Bailey himself, as the Press' first science editor, built the foundations for the Press' success as a science publisher, and he was responsible for bringing the Einstein Papers project to the Press. But much credit is also due my classmate Ed Tenner '65, who worked with such prestigious authors as Nobelist Richard Feynman *42, and to Jack Repcheck, who helped the Press' science list grow further in both critical and financial success.

Earlier Repcheck, who was hired when I was editor-in-chief as economics editor, created the program in that field that was hugely successful financially and provided the momentum on which Dougherty later built further.

Dougherty has been a fine director, and I am confident Henry will be as well. But others, too, brought the Press to the heights where it exists today. Sandy Thatcher '65

Frisco, Texas

NOT ALL WHITE MALES

The article on the efforts of the Portraiture Nominations Committee (On the Campus, Oct. 25) refers to portraits of the presidents of the University and the deans of the Graduate School and of the School of Engineering currently on *continued on page 5*

PRINCETON ALUMNI WEEKLY

An editorially independent magazine by alumni for alumni since 1900

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Inbox

READERS RESPOND Who's the Mystery Student in the Cold?



When PAW published this From the Archives photo in the Nov. 8 issue and asked readers to send in the name of the unidentified student or their recollections of cold spells on campus, it struck a chord.

Who's the student in the photo?

Caren Palese '96: "If the pants are velvety and the sweater is hunter green, then it is definitely me."

Susie Mees Longfield '86: "I did a double take on the photo — I'm not sure that's me, but if not, it's pretty close and could be my twin! Looks like a latenight winter paper-writing session in Firestone."

Susanne Mueller *72: "When I saw the picture in PAW, it did rather jump out at me as me. I sent the

picture to a fellow graduate student in the Department of Politics. His reply: 'I'd say you, definitely.' "

Diane Whitmore Schanzenbach *02: "My husband and sister are convinced it's me because I hold my pen in a funny way, and that's the type of pen I would use. Plus, I am always cold."

Suzanne Stirn Ainslie '76: "There is absolutely no doubt in my mind that this is a picture of me! To this day I often sit at my desk in the very position depicted. It might be on a lower level in Firestone, the library at Wilson College, or possibly the library in the art museum."

Averel Roberts Wilson '77 agreed with Ainslie, Jack Lange '77 said it may be Lisa Reid '79, and Jared Gustafson '95 said it looks like Marion Henry '95. Readers who feel they can settle the issue are invited to contact PAW.

The photo also inspired these letters about cold experiences on campus:

I recall the winter of 1973 as one of the coldest in New Jersey. Due to OPEC's oil embargo, the price of oil had shot up from \$3 a barrel to \$12 a barrel, which stressed Princeton's finances. The University encouraged all students to return home during winter break and shortened reading period to save on the cost of heating. I, however, had a number of courses with papers and decided to stay on campus for an extra two weeks to finish my research. I found a comfortable used wood chair for \$10, and my roommate Phil Hooper '75 helped me carry it up the four flights to our living room in 10th-entry Patton, where we placed it in front of our fireplace. During the following week, I was lonely and very cold since the University had put the temperature down to 45 degrees.

After about a week of freezing, I came up with a solution to the lack of oil at Princeton and my need to stay to finish my papers. At the hardware store, I bought an ax for \$3. The University police looked at me strangely as I returned to campus, and I promised not to cut down any Princeton trees. The new wood chair, however, was not covered by that promise, and the fireplace was fed for the next few days. My freezing hands could turn pages again. When my roommates returned and looked for the chair, all I could do was point to the ax, which remained on the fireplace mantel for the rest of the year.

David R. Edelstein '76 New York, N.Y.

I am frequently in University classrooms as a volunteer English tutor for the Friends of the Davis International Center and as an auditor. Remarkably often, these rooms are too cold in the summer and too warm in the winter, and there are no thermostats to enable easy resetting, the temperature being subject to central control. It's pretty ridiculous to have to open the window on a freezing cold day because the room is overheated, or to need extra layers in the summer because of the uncomfortable cold. I wonder how much energy is wasted in this way. **Brian Zack '72 Princeton, N.J.**

Princeton University Archives

continued from page 3

display around the campus. I think it's important to note that those portraits are not entirely of white males.

When it comes to diversity among the student body, the Graduate School was way ahead of the undergraduate college. In 1972 my fellow residents in graduate-student housing at 15 Dickinson St. included people of African, Hispanic, and Asian descent, as well as several other women, one of whom was openly lesbian.

Beginning in the last quarter of the 20th century, the portraits of the deans of the Graduate School have included a woman (Nina G. Garsoïan) and an African American (Albert Raboteau). The countenance of former Graduate School dean Sanjeev Kulkarni will soon grace the walls of Procter Hall.

Visiting the Convocation Room in the Friend Center, one can admire the likenesses of a female engineering school dean (Maria Klawe) and two Asian American deans (Hisashi Kobayashi *67 and James Wei).

The portrait of Princeton's first woman president, Shirley Tilghman, has joined those of her venerable predecessors in the Faculty Room in Nassau Hall.

I encourage students and alumni to visit the University's portrait galleries. They effortlessly present a pretty picture of increasing diversity among Princeton's leaders.

Janice Stultz Roddenbery *77 Lawrenceville, N.J.

DON'T MIX POLITICS, INVESTING

The Princeton Private Prison Divest (PPPD) political-activist group has demanded that Princeton's endowment divest of shares in private organizations that operate correctional facilities. PPPD cites partisan-fueled studies and false information as support. One oftenquoted source is a 2016 Department of Justice memo that misrepresented data and alleged that privately operated federal correctional facilities are more costly and inferior to governmentoperated facilities.

Did the politically motivated memo acknowledge that private facilities house criminal illegal aliens, a more

FROM THE EDITOR

Since PAW's first year of publication -1900 - and continuing into the age of social media, memorials have been a must-read section of the magazine, offering intimate life stories of both the famous and the unknown.

Episcopal Bishop Franklin S. Spalding 1887, a Marxist, "won the hearts of many otherwise socially conservative people by coming out frankly and openly for Prohibition as the only logical and available cure for the evils of the liquor traffic," read a memorial in April 1915. Seaman Calvin Wight 1892 "travelled all over the seven seas, visited almost every well-known port in civilized and uncivilized countries, and was shipwrecked so often that his classmates in '92 used good-naturedly to call him 'Sinbad.'" As New York's street-cleaning commissioner, John Woodbury 1879 began using refuse to fill in swamps, as well as using energy from burning trash to light approaches to the Williamsburg Bridge. "Though he brought down upon himself abuse from interested persons," the memorial noted, "he continued his improvements with great profit to the public."



This issue — PAW's annual tribute to alumni who died in the previous year — includes an expanded memorials section, prepared by editor Nicholas DeVito, who sees the impact of the section as many opportunities "to honor a life."

PAW memorials are written by class memorialists, who still share stories of simple life challenges and fantastic adventures. It's a tough job. "Sometimes, it's difficult to realize that a classmate I knew is gone, but in most cases I am both consoled and impressed by the quality and achievements of the life that I have tried to encapsulate in 200 words," writes Ken Perry '50, who over 17 years has

written memorials for 368 men.

"What do I get out of it? A feeling of satisfaction that I am doing something for the class," writes David Bowen '43, who notes that the job can make him feel that he should have achieved more himself. Bowen's classmates and their spouses are in their mid-90s, and it can be difficult for him to locate and connect with survivors (though he keeps a spreadsheet of memorials and corresponds with PAW via email).

George Brakeley '61 writes memorials for his own class and for 1941, and finds the work both difficult and satisfying, leading to friendships with classmates' family members. Some of the memorials he writes are challenging to report; some are simply sad. One classmate, he recalls, died alone in a prison hospital. "I later heard from his sister," Brakeley says, "who said, 'I didn't think anybody cared.'" If you ever felt the same way, memorialists prove otherwise.

— Marilyn H. Marks *86





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Inbox

challenging population than the primarily U.S. citizens housed at public facilities? Or that private facilities have significantly fewer deaths, drug use, sexual-assault allegations, and inmate grievances, and publicly operated facilities are 28 percent more expensive? Of course not.

A March 2017 opinion piece by *The Daily Princetonian* editorial board, opposing PPPD's proposal, aptly articulated that the University is an educational institution, not a politicaladvocacy organization. Many companies sell items that some people find highly objectionable. Environmentalists object to oil-drilling companies and vegetarians to meat-packing companies. Still, it would be false to construe, for example, investments in ExxonMobil or Tyson Foods as a moral stance in favor of oil or meat consumption.

The GEO Group, targeted by PPPD, invested several millions of dollars in R&D to develop enhanced offenderrehabilitation programming, including cognitive behavioral therapy and post-release services. In January, GEO was to receive the coveted American Correctional Association's Innovation in Corrections award for the "GEO Continuum of Care."

Bottom line: The University's endowment should invest in companies based on financial criteria, and not one group's political ideology.

David Meehan '98 Executive vice president of business development, GEO Care Boca Raton, Fla.

FEYNMAN *42'S DEGREE

The article on Fine Hall and its association with the Institute for Advanced Study (feature, Jan. 10) was fascinating, but Richard Feynman *42 was not one of Arthur Stone *41's fellow mathematicians.

The Flexagon Committee was the sort of thing he would participate in, and it would be natural for the denizens of Palmer Lab to socialize next door at Fine Hall, but Feynman's degree was in physics (he studied under John Wheeler). **Stanley Kalemaris '64** *Melville, N.Y.*

COMPUTING CENTER'S EARLY DAYS

Re the Dec. 6 From the Archives photo: Back in the early 1960s, there was great excitement when the EQuad got a new IBM System 360 (they put a sign on it that referred to it being "très sexy"). As a politics major, I got access to the IBM 7094 by doing some fairly interesting multi-dimensional scaling from Professor Harold Schroeder in the psychology department, who was studying the structure of (political, among other) decision-making. I remember carting an entire 2,000-card box in the front basket of my bicycle from Blair Hall across the campus in the cold winter, hoping the data would load and the program compile. When we finally got things ready to go, we had to run it "overnight" because it required four hours to produce a carton and a half of data. Great stuff, of course, but substantially different than a K&E slide rule.

Vance W. Torbert III '68 Pittsburgh, Pa.

Back in those "good old days" of computing, a lot of the small computing jobs were too small to bother accounting for, e.g., no account required to run them. The University was very obliging to allow some local high school students to use the Computer Center as well. Not only did I go on to become a University student, computers became my entire career — so that early start was a wonderful thing for me. I have fond memories of the place! **Martin Pensak '78** *Waynesville, N.C.*

In the mid to late '70s, campus computing for the most part was already on an IBM 370 mainframe that fed hundreds of dumb terminals, via a timesharing operating system. However, there was also a legacy computing environment still in use: an IBM 360 mainframe that ran in "batch" mode. You submitted a "job" not at a terminal but instead via a deck of punch cards. The Computer Center included a room full of keypunch machines; a common area with an IBM "line printer" fitted with cheap, large-format paper; and a closed room where the operators could fit a printer for special jobs.

continued on page 9

A Guide to Summer Programs and Camps

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continued from page 6

Any student qualified for unlimited time on the 360, and so that's what I used. As a history major, I didn't have much need for computer programming, but I was interested in word-processing my thesis, thinking it would give me flexibility to edit up to the last minute. So I have the unique experience of having assembled an entire history thesis from text entered on punch cards in a longdefunct word-processing language.

I transported my "deck" between dorm and Computer Center in a cardboard card box stuffed in my backpack. Then, as now, backups were important, and every few days I instructed the system card punch to generate a complete set of backup cards. When my thesis deadline arrived, and my text was final at last, I ordered a custom print run on white paper, and that's what I took to the thesis bindery on Witherspoon Street.

David Hochman '78 New York, N.Y.

FOR THE RECORD

An article on the Princeton & Slavery symposium in the Jan. 10 issue incorrectly quoted history graduate student R. Isabela Morales, project manager of the Princeton & Slavery website. Describing a new awareness of the suffering caused by those whose names adorn University buildings, Morales said: "That history's always been there, but now it's visible to us."

WE'D LIKE TO HEAR FROM YOU

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2018 SPRING EVENTS CALENDAR

Monday, February 26

4:30 – 6:00 p.m. • Lewis Library 120

Alexander Hamilton: His Life, Thought, and Legacy

Carson Holloway, Professor of Political Science, University of Nebraska; co-editor, Political Writings of Alexander Hamilton; Stephen F. Knott, Professor of National Security Affairs, United States Naval War College, Darren Staloff, Professor of History, City College of New York; Richard Sylla, Professor Emeritus of Economics, New York University; Moderated by Bradford P. Wilson, Executive Director, James Madison Program in American Ideals and Institutions; co-editor, Political Writings of Alexander Hamilton • An Alpheus T. Mason Lecture on Constitutional Law and Political Thought

Tuesday, February 27

4:30 - 6:00 p.m. • Lewis Library 120

The Rights Turn in Conservative Christian Politics: How Abortion Transformed the Culture Wars

Andrew Lewis, Assistant Professor in Political Science, University of Cincinnati • An America's Founding and Future Lecture

Wednesday, March 7

4:30 – 6:00 p.m. • Lewis Library 120

Pope Francis and the Caring Society

Robert M. Whaples, Research Fellow, Independent Institute, Co-Editor, The Independent Review; editor of the book, Pope Francis and the Caring Society; Professor of Economics, Wake Forest University Samuel Gregg, Director of Research, Acton Institute • Co-sponsored by the Aquinas Institute

Monday, April 9

4:30 - 6:00 p.m. • Bowen Hall 222

Speak Freely: Why Universities Must Defend Free Speech

Keith E. Whittington, William Nelson Cromwell Professor of Politics, Princeton University • Respondent: Nicholas Rosenkranz, Professor of Law, Georgetown Law School • An America's Founding and Future Lecture

Friday, April 20

4:30 - 6:00 p.m. • Lewis Library 120

Demopolis: Democracy Before Liberalism

Josiah Ober, Mitsotakis Professor of Political Science and Classics, Stanford University • An America's Founding and Future Lecture

Wednesday, April 25

4:30 - 6:00 p.m. • McCormick Hall 101

Character in Politics

Ramesh Ponnuru '95, Senior Editor, National Review • The Annual Elizabeth M. Whelan Lecture

Monday, April 30

4:30 - 6:00 p.m. • Lewis Library 120

Why Institutions Matter: Three Lectures on Breakdown and Renewal

Yuval Levin, Editor, National Affairs; Hertog Fellow, Ethics and Public Policy Center • Lecture One of 2018 Charles E. Test, M.D., Distinguished Lecture Series

Tuesday, May 1

4:30 - 6:00 p.m. • Lewis Library 120

Why Institutions Matter: Three Lectures on Breakdown and Renewal

Yuval Levin, Editor, National Affairs; Hertog Fellow, Ethics and Public Policy Center • Lecture Two of 2018 Charles E. Test, M.D., Distinguished Lecture Series

Wednesday, May 2

4:30 - 6:00 p.m. • Arthur Lewis Auditorium, Robertson Hall

Federalism in the Era of Trump: Resistance, Reform, and Compromise

Heather Gerken '91, Dean and Sol & Lillian Goldman Professor of Law, Yale University • The Annual Walter F. Murphy Lecture in American Constitutionalism

Thursday, May 3

4:30 - 6:00 p.m. • Lewis Library 120

Why Institutions Matter:

Three Lectures on Breakdown and Renewal

Yuval Levin, Editor, National Affairs; Hertog Fellow, Ethics and Public Policy Center • Lecture Three of 2018 Charles E. Test, M.D., Distinguished Lecture Series

Friday–Saturday, May 18-19 All Day • Location TBA

Taking the Measure of Where We Are Today The Annual Robert J. Giuffra '82 Conference

Keynote Address by **Robert P. George**, McCormick Professor of Jurisprudence; Director, James Madison Program in American Ideals and Institutions, Princeton University • Cosponsored by The Association for the Study of Free Institutions at Texas Tech University

We invite you to become a friend of the James Madison Program at jmp.princeton.edu/forms/alumnifriends

Please visit jmp.princeton.edu or telephone 609-258-5107 for more information.

CAMPUS NEWS & SPORTS + BATTLE OVER HONOR CODE + PH.D. COMPLETION INCENTIVE + WOMEN'S BASKETBALL

On the Campus

Princeton Stadium has a new look this winter: A climate-controlled "bubble" was installed over the artificial turf of Powers Field, allowing it to be used during the colder months. At least 10 varsity teams will practice inside, and intramural programs are using the field as well. The bubble was funded by an anonymous \$3.5 million gift. Photograph by Ricardo Barros



Honor-Code Conflict

Administration halts student-led changes, saying further faculty review is needed

n the USG election ballots in December, students voted for USG officers, committee chairs, class senators, and something new: four Honor Code referenda. The referenda proposed a reduced standard penalty for violations; requiring two pieces of evidence for a case to be presented in a hearing; ensuring that students would not be found guilty if the course instructor states the student's actions did not violate class policy; and requiring that the committee disclose, upon first contact, whether a student is a witness or accused of a violation.

All four referenda passed by a wide margin, but in January, administrators said the first three would not be enacted without further faculty review. Because it called only for procedural change, the fourth could be implemented.

Dean of the College Jill Dolan, Dean of the Faculty Sanjeev Kulkarni, and Vice President for Campus Life W. Rochelle Calhoun wrote in a Jan. 4 email to students that the proposed referenda would "fundamentally alter the University's disciplinary penalties and standards for assessing violations of the Honor Code during in-class examinations." The USG's executive committee is "looking at the precedent of administration overriding a vote from the student body and actively pursuing other avenues of action."

"These proposals represent a significant departure from prior practice and exceed the scope of the responsibility delegated to the student body by the faculty concerning the Honor System," the administrators said.

Created in 1893 as an agreement between students and faculty to "uphold a high standard of academic integrity at Princeton," the Honor Code has been amended several times. A 1921 change permitted leniency in exceptional cases, and the possibility of a oneyear suspension was approved in 1974 (previously, students found guilty would be expelled).

The administrators' email cited a lack of faculty input to the referenda. But Patrick Flanigan '18, the outgoing USG academics committee chair who



led the Honor Code reform effort, said he believed "conversations around amending the Honor System had to be undertaken by students."

Students "should be outraged at this act of student disenfranchisement," Micah Herskind '19, a member of the USG academics subcommittee that proposed the referenda, wrote in *The Daily Princetonian*. "Princeton's administration has communicated to its students that it will only play by the rules so long as those rules maintain the status quo."

Dolan told *The Tab* online news site that "change simply has to be accomplished in the right way, with the appropriate voices involved in the process."

The USG's executive committee said it is "looking at the precedent of administration overriding a vote from the student body and actively pursuing other avenues of action available to us."

While the *Prince* editorial board endorsed the December referenda, nine alumni who had chaired the Honor Committee wrote that it would be a "grave mistake" to reduce the standard penalty from a one-year suspension to academic probation for a first offense. That contrasts with cases before the Committee on Discipline, which deals with a broad range of academic infractions: "When the committee concludes that a student ought to have known that they had committed a violation, the penalty is separation from the University," the group's website says.

"The University really can't be in the position where these penalties are so vastly out of line," said Professor Clancy Rowley '95. Rowley and Honor Committee chair Carolyn Liziewski '18 are leading a faculty-student committee that will review the three referenda while taking a broader look at the procedures and policies of the Honor Committee.

This group will report its findings to the faculty Committee on Examinations and Standing. If that committee determines that changes to the Honor Code or the Committee on Discipline's policies are warranted, it will offer a recommendation to the full faculty for a vote. The University hopes that these steps will be completed during the spring term. \blacklozenge By Francesca Billington '19



STUDENT DISPATCH For Some Sixth-Year Grad Students, a New Incentive to Finish Their Ph.D.s

By Nikita Dutta GS



The Graduate School prides itself on timely Ph.D. completion. Its website boasts that it takes Ph.D. candidates an average of 5.1 years

to complete their degrees, better than the six-year average reported in 2014 by the National Science Foundation.

Behind the average, however, Princeton's numbers vary widely. Students in engineering and the natural sciences finish their degrees relatively quickly. But for humanities and socialscience students, the averages are 5.8 years and 5.7 years, respectively. Many students require funding beyond the five-year program length, and this can be a significant source of stress.

"It was a huge problem for me, the anxiety of not knowing what's going to happen," said Eduardo Lerro, a sixthyear student in comparative literature.

The Dean's Completion Fellowship offers a partial solution to this issue. This

year, its first, the program has provided fall-semester funding to 28 of 116 sixthyear students in the humanities and social sciences eligible for the fellowship (the economics department chose not to participate in the program). Students were nominated by their departments; those who completed all degree requirements by the end of January can serve as postgraduate research associates (PGRAs) for the rest of the academic year.

Cole Crittenden *05, deputy dean of the Graduate School, said 17 students were expected to complete their requirements by the end of January; an additional three who qualified for the

"We firmly believe that it's in no student's interest to have them take longer to complete the Ph.D."

— Cole Crittenden *05, deputy dean of the Graduate School

childbirth accommodation have another semester to do so.

The program is part of Princeton's efforts "not to extend time-to-degree," Crittenden said. "We firmly believe that it's in no student's interest to have them take longer to complete the Ph.D."

Melissa Verhey, a Ph.D. student in French, is among the first class of fellowship recipients. She's been happy with her experience. "Knowing I was able to complete in January and still have employment for another half-year made me able to commit to finish and allowed me to focus on my dissertation," she said.

The half-year of PGRA employment is also important to fellowship recipient Hanna Golab, a sixth-year Ph.D. student in classics. "Many fellowships, postdocs, or positions require that applicants have their Ph.D. on hand by the time of applying," she said. "Graduating in December and yet not being unemployed is a great help."

This benefit is complicated for international students like Golab, who is from Poland, because of visa requirements that may not be fulfilled in time to allow a smooth transition to work as a PGRA. To avoid this risk, Golab moved her Ph.D. defense date from October to December. She said she hopes the University will provide more information on this issue for future students.

Lerro observed that while he is grateful to have the fellowship, promoting timely completion is not the same as supporting students for the full time they need. "We've had at least a person every year in my department who ended up with no fellowship, no funding from the University, and not enough classes to teach," he said.

But while Crittenden confirmed that a few students every year "self-pay" due to lack of funding, he believes the combination of the Dean's Completion Fellowship and other honorific fellowships will prove widely beneficial.

Only time will tell how these expected benefits play out. Until then, Ph.D. completion remains a long haul in the humanities and social sciences, but perhaps one where students can stress less about funding and more about research. • A.W. contributed to this story.

Seeds of Innovation Princeton adds to facilities, programs as interest in entrepreneurship grows

n January, tenants began moving into the Princeton Innovation Center Biolabs, a new incubator space for early-stage science startups. The building, on the Forrestal campus, is open to faculty, graduate students, and others not connected with the University and will offer both wet- and dry-lab co-working spaces. Potential occupants include companies working on new drugs or vaccines, material sciences, and medical devices, according to Anne-Marie Maman '84, director of the Princeton Entrepreneurship Council.

Since 2014, the Alumni Entrepreneurs Fund has invested \$1.75 million in 25 early-stage startups across a variety of industries.

The Biolabs facility is the University's second entrepreneurship-focused building; the Entrepreneurial Hub opened in downtown Princeton as a co-working and educational space in November 2015. The University has been working on collaborations to encourage innovation, Maman said. "We have started to see these relationships and connections begin to flourish," she said.

The Biolabs opening followed the first Tiger Entrepreneurs Conference in Boston, providing an opportunity for University programs to get more visibility. More than 200 students and alumni attended the October event, which offered faculty classes on entrepreneurship, panel discussions on venture capitalism and sports enterprises, and a "Pitchfest" featuring Princeton startups.

The University's certificate program in entrepreneurship — which saw its first 11 graduates in 2017 — is also gaining momentum. Twenty-one seniors are participating in the program, which

Two Startups That Received a Boost from the University





HOMEWORKS NATALIE TUNG '18, co-founder and executive director

The company HomeWorks, part of

the 2017 eLab Summer Accelerator Program, is an after-school boarding program in Trenton, N.J. Last summer, the organization ran a pilot program in which five eighth-grade girls attending summer school lived together in a house Monday through Friday for four weeks. They received mentorship and academic support, learned about financial literacy and female empowerment, and did community service.

Giving back "I've always had a dream of starting my own boarding school. I know that I was really privileged growing up — I had the opportunity to go to the best schools and grew up in a really safe home environment. I feel a sense of responsibility, that I should be using [what I've been given] to give back."

Next steps Tung hopes to expand the program to 10 freshman girls in Trenton for the 2018–19 school year. Her goal is to raise about \$300,000 this year to launch the program full time after graduation. *Learn more at homeworkstrenton.org.*



SOLSTICE STEPH SPEIRS *14, CEO and co-founder

The mission Solstice, which received funding

from the Alumni Entrepreneurs Fund, works to make it easier and more affordable for people to power their homes with solar energy by connecting them to a shared solar farm. "Solar is currently the cheapest it has been in the history of the world, and people could save money if they could just access it," Speirs said.

Why solar is important "The way we get electricity hasn't changed in over 100 years, but it will change in our lifetime. And we have a role to play in making sure that the cleanenergy transition happens as quickly as possible and as equitably as possible."

On building a team "There's an overemphasis on the founders sometimes in these startup stories. The first, second, third employees are just as important as the founders." *Learn more at solstice.us.* • *Edited and condensed by A.W.*

Arf! Arf!

Seven puppies visited Firestone Library Jan. 10 for a "Canine and Coffee" study break. About 150 students put academics on hold to play with the dogs, including Frances Bernstein, left, a second-year graduate student in classics. "I am dog crazy right now — I want a dog, and I'm in the middle of exams. So everything about this is perfect," she said. • By A.W.

includes two core courses on the foundations of entrepreneurship and design thinking, and electives on topics such as venture capital, the history of American capitalism, and leadership.

Cornelia Huellstrunk, executive director of Princeton's Keller Center — which helped launch the certificate program — said about 800 students per semester take a course in entrepreneurship or participate in the center's programming.

Entrepreneurship programs continue to expand:

• The e-Lab Summer Accelerator Program, which provides student startups with funding, co-working space, and mentorship for 10 weeks. The program has grown from four teams with 15 students in 2012 to seven teams with 40 students last year.

• Tiger Challenge, a design-thinking program that matches students with community partners to tackle societal problems such as improving access to affordable housing and mitigating academic stress among K-12 students. The program has grown from 20 participants in 2016 to 74 in 2018.

• The Princeton Startup Immersion Program, which provides about 60 students the opportunity for summer internships at early-stage startups for 10 weeks. The program has been underway for two years in New York City and one year in Tel Aviv.

• The OfficeHours mentoring program was created last year to connect alumni mentors with students and young alumni entrepreneurs who are seeking advice.

Students and young alumni entrepreneurs who have founded companies are eligible to pitch to the Princeton Alumni Entrepreneurs Fund, a group of alumni investors that provides up to \$100,000 in matching funds to promising early-stage startups. Since 2014, the AEF has invested \$1.75 million in 25 companies across a variety of industries. The AEF is fully funded through donations — if the alumni panel thinks a company is worth investing in, it makes a recommendation to the provost, who makes the final decision whether or not to invest. � By A.W.



IN SHORT

EARLY-ACTION applicants for the Class of 2022 faced tougher odds, as the pool of candidates grew from prior vears. Princeton offered admission to 799 students from a pool of 5,402 candidates, an admit rate of 14.7 percent. By comparison, 3,443 students applied for early action in fall 2011 for the Class of 2016 (the first year that the option to apply early was reinstated), 726 were offered admission, and the admit rate was 21.1 percent. Of students offered admission for the coming year, 50 percent are male and 50 percent are female, 17 percent are children of alumni, and 14 percent will be the first in their families to attend college.

The University has reported the recent deaths of two undergraduates. JACOB KAPLAN '19, of Chatsworth,

Calif., died Dec. 24 in New York City of angiosarcoma, a rare cancer. He was 21. Kaplan was a computer science major, a member of Quadrangle Club, and was involved with Chabad and the Center for Jewish Life.

CHESTER LAM '19, of

Morganville, N.J., died Jan. 12 in New York City. He was 20. In an email to students, Dean of Undergraduate Students Kathleen Deignan said Lam took his own life. He was a computer science major and a member of Wilson College.

President Eisgruber '83 is one of 28 founding members of the PRESIDENTS' ALLIANCE ON HIGHER EDUCATION AND IMMIGRATION, which seeks to increase public understanding of how immigration policies affect students, campuses, and communities.



IN MEMORIAM: Art and archaeology professor emeritus SLOBODAN "DANNY" ĆURČIĆ died Dec. 3. He was 76. A faculty

member from 1982 to 2010, Ćurčić served as department chair from 1988 to 1990 and directed the Hellenic studies program from 2006 to 2010. He was a prolific and influential scholar in the field of Byzantine art and architecture. In the aftermath of the Balkan conflict of the 1990s, Ćurčić served on a committee on the rehabilitation and safeguarding of cultural heritage in Kosovo. ♦



A Day With ... Peyton Cunningham '20: Russian art, library time – and plenty of dance

here's something about dancing that you can't help but be happy," says Peyton Cunningham '20, who has been dancing since she was 3. Cunningham performs with the Princeton University Ballet (PUB), the diSiac student dance company, and the University's dance program. We caught up with her on a Thursday as she was preparing for three dance shows in three consecutive weeks in December.

Morning routine I woke up at 7 a.m. I do my best work in the morning, and it's nice to get a couple of hours of studying in before my classes start. I listened to "The Daily," which is a *New York Times* podcast, as I was getting ready, and I went to breakfast at 7:30 — I sent some emails while I was eating.

ART 213 I went to Marquand Library, which is where my art history precept

at 10 was held. I had a presentation about Russian constructivism and the politics that were associated with the art movement. My partner and I looked at specific manifestos by different artists and how they were tying their art to communism and political change in Russia. We never actually had a chance to meet in person — we did almost the entire project with Google Docs and sending each other messages and photos.

The new Lewis Arts complex It's incredible dancing in there. The studios

"I did a big research project on sedentary lifestyles — sitting is considered the new smoking. Standing is the most logical conclusion for doing work." are enormous — the biggest studio I've ever been in my life is the third-floor studio [in the Wallace Dance Building]. They're sleek and crisp, and it's just so nice to have a space that inspires you. It's been exciting to feel like I should dance better because this space deserves it.

I was headed over there to do a little bit of work and then get ready for co-curricular ballet, which happens at noon almost every day of the week. They have one open-level ballet class, and it's a great time for you to work on your technique and your alignment, the placement of your torso, making sure you're working your feet and pointing them. I try to go five times a week – it's worth it. I'd rather be in ballet class than having a leisurely lunch. At this point in my dance career, I've probably learned about as many ballet steps as there are; it's really just about refinement and making them better.

Standing, not sitting Then I went to late meal in Frist and I met up with a friend. I am a super-energetic, superfidgety person, so one of the hardest transition components of coming to college for me was how long you spend sitting. I ended up in an anatomy of movement class and I did a big research project on sedentary lifestyles — sitting is considered the new smoking. Standing is the most logical conclusion for doing work: I started it, and I love it. I hunt out all the standing desks across campus. Everyone makes fun of me for it, though.

Meeting a preceptor We went over a couple of questions that I had after looking over my midterm that I got back for the art history class. Then I gave her my idea for our big final project. I think one of the best things about Princeton is how accessible professors and preceptors are, so I make an effort to meet with preceptors and use their knowledge to help me learn more and improve.

Guest choreographer The dance program does a big show in December called the Princeton Dance Festival. Brian Reeder, who danced with American Ballet Theatre and with William Forsythe, created a kind of political commentary piece — we start in these communist-inspired suits and then as the piece goes on, we just go crazy. It's pretty wild.

Thanksgiving dinner We went to RoMa

[Rocky/Mathey dining hall], and they were having a Thanksgiving-themed night, so they had Thanksgiving-inspired root vegetables and pies. It was very festive. I met two friends who dance with me in diSiac, the contemporary hip-hop dance company. DiSiac pushes me out of my boundaries every single rehearsal: I do things I never thought I would do or things I had never even seen before. There's so much energy I feel in my body and radiating outward when I dance, it just feels electric.

Ballet After dinner, I walked over to rehearsal in New South. Some weeks you'll have a ton of rehearsals and some weeks you won't. This show is inspired by the "Land of Sweets," which is the second half of *The Nutcracker*, so the pieces all have a candy associated with them.

Late-night studies I went back to my room, then I headed to the library. It was 10 p.m., probably. Luckily, since the next day was Friday, I didn't have too much work due immediately, but I always try to get ahead. I was doing some readings for my sociology class. I stayed up until 12, then I went back to my room and went to bed. • *Edited and condensed by Anna Mazarakis* '16



Grad-Student Union Push On Hold

Princeton Graduate Students United (PGSU) — a group that began efforts to form a graduate-student union in late 2015 — has put its push for unionization on hold following the appointment of two Republican members to the National Labor Relations Board (NLRB) by President Donald Trump. The appointments shifted the balance of power on the board from Democrats to Republicans.

"It's unclear whether or not an NLRB regional board would even hear a petition to hold a union election at this time," said Robert Decker, a fourth-year graduate student in the French and Italian department. "We've decided to wait until the situation becomes more clear before continuing with an authorization drive."

PGSU voted to affiliate with the American Federation of Teachers and its state affiliate, AFT New Jersey, in 2015. The next step toward unionization for the group would be the distribution of union-authorization cards to graduate students.

Decker said PGSU has turned its attention toward "fighting for tangible and beneficial changes" in areas such as the University's sexual-harassment policy, housing reform for graduate students, and support for graduate students with families. The group's longterm goal remains "legal recognition as a union so that we may engage in collective bargaining with the University," he said. � By A.W.

LANDSCAPES BEHIND ĆÉZANNE

FEBRUARY 24-MAY 13



Paul Cézanne (1839–1906)

is widely acknowledged to have transformed landscape painting, most radically in his late watercolors. This installation of some twenty works, drawn entirely from the Museum's collections, juxtaposes watercolors by Cézanne with landscapes drawn, printed, or painted on paper by earlier artists. It reveals the extent to which Cézanne made use of standard types of landscape depictions, but also suggests that Cézanne goes a step further, explicitly acknowledging that what is real in art is different and independent from the actuality of nature.

Landscapes Behind Cézanne has been made possible by the Allen R. Adler, Class of 1967, Curatorial Leadership Fund.

PRINCETON UNIVERSITY ART MUSEUM

ALWAYS FREE AND OPEN TO THE PUBLIC artmuseum.princeton.edu

Paul Cézanne, Pine Tree in Front of the Caves above Château Noir, ca. 1900. Watercolor and graphite on cream wove paper. Princeton University Art Museum. Anonymous gift



WOMEN'S BASKETBALL

Humble Hotshot

Alarie '20 reaches new heights, with an occasional nudge from her coach

Bella Alarie '20 is a star – and she might need to be reminded of that sometimes.

After she took just four shots in the first half of Princeton women's basketball's Ivy League opener at Penn, head coach Courtney Banghart emphasized the need for Alarie to take a leading role.

"I was a little tentative," Alarie said. "There were a lot of nerves going around with the first Ivy game of the year. My goal right from then on was to be super aggressive on the boards and try to get as many rebounds as I could and try to translate them into points for my team. I think that really worked out for me."

Alarie went on to finish with 18 points, 12 rebounds, and a career-high eight blocks in the Tigers' 70–55 win over the defending-champion Quakers Jan. 6. Through Jan. 13, Alarie led Princeton in field-goal percentage, 3-point percentage, rebounds, points, blocks, and minutes played. She also ranks among the team leaders in assists and steals.

"She doesn't see herself as a star yet," Banghart said. "I think she's getting there. But honestly, I think she's just grateful to be contributing ... as opposed to recognizing how much of a star she is."

It's hard to see how a 6-foot-4-inch forward with a smooth shooting stroke and imposing defensive presence could ever doubt herself. Alarie concedes that it "comes down to confidence." As a younger player, she would let one bad performance torment her for weeks. At National Cathedral School in Washington, D.C., Alarie played second fiddle to current Stanford point guard *continued on page 20*

Sports / On the Campus

THE BIG THREE

DEVIN CANNADY '19

became the 33rd men's basketball player to top 1,000 career points

— and the sixth to do it in his junior year — during the Tigers' 76-70 loss to Penn at the

Palestra Jan. 6. Princeton bounced back with a weekend sweep of Columbia and Cornell Jan. 12 and 13. Through Jan. 13, Cannady led the lvy League in 3-point shooting, making 42.7 percent of his attempts from beyond the arc.

Women's squash All-American OLIVIA FIECHTER '18 put

the finishing touches on a comeback win over No. 2 Trinity Jan. 11. Fiechter, Princeton's No. 1

player, defeated Bantams star Raneem Sharaf, 3-1, and the Tigers won 5-4 after trailing 4-1 early in the match. Princeton entered the January exam break with a perfect 9-0 record.

> Longtime Princeton men's track and field coach FRED SAMARA was

inducted into the U.S. Track and Field and Cross Country Coaches Association Hall of Fame Dec. 13. At

the ceremony, Samara joked about the jobs he held in the 1970s while training for the Olympic decathlon, including flipping hamburgers and selling vacuum cleaners. He found his calling as a coach: In four decades at Princeton, he has led the Tigers to 41 lvy Heptagonal team titles and mentored four Olympians and six NCAA champions. \blacklozenge

Princeton Environmental Institute presents Spring 2018 Faculty Seminar Series

12:30 p.m. - Guyot Hall, Room 10

Lunch will be served at noon, Guyot Atrium



February 6 - Robert Socolow, Professor of Mechanical and Aerospace Engineering, Emeritus, and Senior Research Scholar



March 6 - Emmanuel Kreike, Professor of History



April 3 - Michael Bender, Professor of Geosciences, Emeritus, and Senior Geoscientist



May 1 - Denise Mauzerall, Professor of Civil and Environmental Engineering and Public and International Affairs

More details to come/

For more information visit: environment.princeton.edu

On the Campus / Sports

continued from page 19

Marta Sniezek until her senior season. Alarie came to college unsure how much she'd contribute; she ended up starting every game and being named Ivy League Rookie of the Year.

"It wasn't the freshman year I expected at all," Alarie said. "It was tough because I had to learn a lot and be mentally tough and physically tough. I gained so much from that season last year."

Even as a freshman, she led the Tigers in most statistical categories while learning to be more physical and compete with equally athletic opponents after facing few challengers in high school.

Alarie was learning the college game and at the same time playing a major role on a team that contended for the Ivy title. "Her consistency and ability to do that was remarkable," Banghart said, "and now she's understandably a better player because she's older and more experienced."

Banghart said Alarie got affirmation of her ability when she was selected for the USA women's basketball under-19 national team last May. Alarie was shocked even to be invited to the tryout. She ended up starting for Team USA and won a silver medal in the World Championships.

This year, while leading Princeton to a 13–3 start, she's showed she can play in the post, something she rarely did in her freshman season. She remains a constant threat from the perimeter as well.

"I'd say I'm so much more confident as a player and also know I need to be more of a leader on the court," Alarie said. "I did gain that over the summer."

Banghart said Alarie's versatility tops the list of things that set her apart, closely followed by her relentless competitive drive. Alarie has worked to expand her skills that were honed from a young age by her father, Mark Alarie, a former Duke standout and NBA veteran.

"It's funny learning myself as a player and growing and figuring out that I can't underestimate myself," Alarie said. "Coach has told me I have a lot of potential as a player, and my dad has told me that. So every day it's growing and learning what I can do and adding more skills to my skillset. It's hard not to underestimate yourself, but at this point I need to grow out of that." \diamond By Justin Feil

PRINCETON UNIVERSITY

Life of the Mind



ECONOMICS

Population: Is Less More?

Climate-change policy scholars grapple with a growing human population

R ising sea levels, intensifying hurricanes, and persistent droughts: We are witnessing the effects of climate change in our own lifetimes. But if the world temperature continues on its trajectory to rise a predicted 2 to 3 degrees Celsius by the end of the century, the vast majority of the effects of climate change will be borne by future generations. One conundrum for policymakers has been

deciding how to develop climate-change policies *now* for a population that the U.N. estimates could increase by 3.6 billion in the next 100 years.

A paper co-written by Woodrow Wilson School research scholar Noah Scovronick and Woodrow Wilson School economics and humanistic studies professor Marc Fleurbaey, among others, grapples with how policymakers should consider the well-being of future humans when determining climatechange policies.

"Climate-change mitigation incurs a cost in the near term but will primarily benefit people in the future, including an unknown number of those not yet born," the paper states. "As a result, the number of future people is an important determinant of climate policy, depending on how society chooses to value the quantity and quality of people's lives."

Scovronick and Fleurbaey's paper is part of a growing corpus of work seeking to determine the social costs of carbon, which, in monetary terms, is equivalent to the long-term damage, in dollars, done by a ton of carbon-dioxide emissions per year. Policymakers use that number to calculate carbon taxes and other policies

Life of the Mind



"[In] matters for the assessment of policy, it's not just how many people are born, but where and in what social conditions they are born."

— Marc Fleurbaey, economics and humanistic studies professor

to achieve the greatest benefit.

The paper explains that most climatechange models strive to maximize the total well-being of all people around the world — a factor in ethical terms known as total utilitarianism (TU). "If you have 100 people at a high level of well-being, and you add one more, then that's a good thing," Scovronick says. The authors posit an alternate model: Average utilitarianism (AU), which isn't concerned with the absolute number of people in the world, but with their average level of well-being.

Under the TU view, future (i.e., larger) populations are weighted more highly. According to Scovronick, that means a degraded environment carries a higher social cost in the future, so we should be doing as much as possible to lessen climate change now. That might include imposing costs on those alive today, such as higher carbon taxes to drive down fossil-fuel emissions.

According to a TU approach, population growth would be positive, since it adds to the capacity for well-being in the world, even though, in practical terms, more people means more carbon emissions. An AU approach, however, would advise limiting increases in the world's overall population, thereby driving down emissions and stress on the environment. That view would emphasize economic development as a means to improve the well-being of people around the world today and at the same time promote measures meant to slow the projected population increase. So while TU could lead to more aggressive targets for climate-change policy, it places less emphasis on the benefits of controlling population; the AU view, meanwhile, could encourage efforts to curb population growth, but might provide less incentive to enact forceful policies to control carbon emissions.

The choice between the TU and AU premises is important for helping climatechange policymakers set priorities, the paper says, but it is not widely discussed within the climate-change community, which defaults to a total-utilitarianism point of view in models.

According to Princeton professor and environmental ethicist Peter Singer, this paper highlights that overlooked aspect of the climate debate: "No one even mentioned ... whether having a larger population is in itself better than having a smaller population, assuming the average well-being remains the same," he says. "The paper calls attention to a neglected issue in these debates."

The AU model isn't perfect, say the researchers: By emphasizing average well-being, such models could also inadvertently increase inequality by allowing for a scenario in which a small number of very well-off people counterbalance a large number of people who are poor and struggling. (TU similarly ignores the distribution of wellbeing, focusing on the total.) Fleurbaey and others have previously argued that factoring regional inequality into climate models necessitates a more aggressive approach to climate-change policy than one based on worldwide averages.

Scovronick and Fleurbaey stress that they hope to make economists aware of the assumptions they are making by defaulting to the TU model in policy considerations and are currently exploring other ways of valuing population that might present a middle ground. They are also examining ways in which inequality influences the climate debate: "[In] matters for the assessment of policy, it's not just how many people are born," says Fleurbaey, "but where and in what social conditions they are born." ♦ By Michael Blanding

NEW RELEASES



Professor of dance **Judith Hamera's** Unfinished Business: Michael Jackson,

Detroit, and the Figural Economy of American Deindustrialization (Oxford University Press) argues that deindustrialization cannot be understood apart from issues of race, specifically art by African Americans that represents relationships with capitalism in times of economic transition. Hamera discusses how Michael Jackson's performances and plays featuring Detroit contain valuable lessons about decades of structural changes in the U.S. economy.



History professor **Julian Zelizer** has gathered leading historians' writings on the legacy of

Barack Obama. *The Presidency* of Barack Obama (Princeton University Press) delves into the issues that shaped his eight years in office.



Associate professor of French **Christy Wampole** traces the history of the root as a

metaphor in *Rootedness: The Ramifications of a Metaphor* (University of Chicago Press). Drawing on many fields, Wampole describes how the evolution of this common metaphor, from the family tree to the rhetoric of nationalism, has had far-reaching political and social consequences. �

Life of the Mind



ELECTRICAL ENGINEERING **Cast-Off Smartphones Could Increase Internet Access, Reduce E-Waste**

We rely on our mobile phones for everyday tasks, then after a few years, we throw them in a drawer and get new ones. Electrical engineering doctoral candidate Mohammad Shahrad contends we're mothballing a lot of computing power that way, but he has a solution: combining discarded smartphones into a data server that can provide power back to the cloud — at half the price of today's standard servers.

"These phones are already very strong for general computing workloads," says Shahrad, adding that with new smartphone models released every year, older phones can be had cheaply. When it comes to cloud computing, providing the most computing power for the lowest cost could mean increased internet access for developing countries.

Nowadays the computing power inside older phones is by no means obsolete: "Newer phones have a better camera, a larger screen, but the processor is not getting much faster," says Shahrad, who presented a paper on his idea for repurposed cellphones last July along with assistant professor of electrical engineering David Wentzlaff at the USENIX Workshop on "Hot Topics in Cloud Computing."

Like many good ideas, this one came to Shahrad in the shower. He was thinking about a principle in computer science called Moore's Law, which holds that the potential computing power of a computer chip doubles approximately every 18 months. Although that law has remained true for five decades, it recently has broken down as the number of transistors crammed on a chip is reaching a physical limit. Chips produced even a few years ago remain state of the art, creating an opening to utilize old chips for current data-processing needs.

Shahrad and Wentzlaff together designed server architecture for 84 linked cellphones housed in a metal chassis. Such a design could have environmental benefits: Since cellphones are made to maintain power all day using a small battery, they are extremely energy-efficient, Shahrad says, and they would use much less power than current servers. And then there is the added benefit of recycling: "Around 75 to 85 percent of the carbon footprint of a cellphone is in its production stage," says Shahrad, who adds that extending the phones' lifetimes would help offset the initial carbon cost of the device and cut down on e-waste.

Crow Kelly David

Shahrad and Wentzlaff are exploring how they might obtain only the computational guts of a cellphone to put inside the chassis, rather than the whole phone, which would boost cost-efficiency. Currently, they are working on a prototype, and if they are successful, then all of our phones may eventually find new life, reborn among the clouds. • By Michael Blanding



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COTSEN



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LIVES LIVED AND LOST AN APPRECIATION

Each February, in advance of the Service of Remembrance on Alumni Day, PAW celebrates the lives of alumni who died during the past year. Here are the stories of just a few of the people Princeton lost since December 2016.



FEB. 25, 1929 | MAY 8, 2017

Lloyd E. Cotsen '50

COLLECTOR OF THE UNUSUAL AND OVERLOOKED

BY FRAN HULETTE

 ROM JAPANESE BAMBOO BASKETS to illustrated children's books to hand-held Chinese mirrors, Lloyd
Cotsen '50 found beauty in the eclectic, amassing diverse objects others passed up.

"When he'd come back from a business trip, we'd say, 'Mr. C.'s been shopping again,'" recalls Andrea Immel, who spent 10 years as Cotsen's private librarian in Los Angeles and now curates the Cotsen Children's Library in Firestone. "There would be bags and bags and bags and bags."

Cotsen was the president, CEO, and chairman of Neutrogena Corp., but he's probably best known on campus as the benefactor behind the Cotsen Children's Library. After he donated his collection of children's literature to Princeton in 1994, it took three 18-wheelers to deliver it all. The books, manuscripts, and drawings from Russia, China, Australia, and other nations — some of which date back to the 15th century number about 120,000, according to Immel. "One of the things that made him a great collector was that he saw beauty and cultural significance in things other people ignored. He didn't collect to impress others," she says.

As a child, Cotsen, who died May 8 in Beverly Hills, collected baseball cards and matchbooks. While serving in the

Navy, he bought his first Japanese bamboo basket, eventually owning more than 900 of them. The collections expanded along with his fortune: In 1994 when Cotsen sold Neutrogena, the company his father-in-law founded but that he turned into a worldwide brand, his share was more than \$350 million.

"I buy things because they strike an emotional bell, they appeal to my curiosity, to the thrill of discovery of the extraordinary in the ordinary," Cotsen told *The Denver Post* in 1998.

"Lloyd was extremely generous in the right way," says Harold Shapiro *64, one of three Princeton presidents whom Cotsen worked with as a trustee. "He was interested in what he was doing."

Among many institutions that benefited from Cotsen's interests, in addition to his alma mater, were the Asian Art Museum in San Francisco, the Shanghai Museum in China, the Museum of International Folk Art in Santa Fe, and UCLA, where he endowed an institute for archaeology — another of his passions.

Teaching and teachers were important as well. He founded the Cotsen Foundation for the Art of Teaching in 2001 with the mission to transform good teachers into great teachers through a coaching and mentoring program, according to its website. Cotsen "had a lot of money and the will to do something beautiful with it," former foundation director Judith Johnson told the *Los Angeles Times*.

When Cotsen discovered at a University trustees meeting that Princeton had no awards for outstanding faculty teaching, "something moved him," Shapiro says. "Right at the end of the meeting, he said he would fund faculty prizes and corralled



John Sherrerd '52 to join him." The President's Awards for Distinguished Teaching have been given at Commencement since 1991.

In 1979, tragedy put Cotsen in the national news when his wife, 13-year-old son, and his son's friend were murdered in their Beverly Hills home while Cotsen was in New York. The main suspect, a business rival of Cotsen's, killed himself in Brussels before police arrived to question him.

"His terrible personal tragedy accelerated his enthusiasm for collecting children's books," says Shapiro. "I think it recalled reading to his kids." \diamond

Fran Hulette is PAW's former Class Notes editor.

DEC. 24, 1937 | FEB. 24, 2017

Richard 'Thor' Thorington Jr. '59

HIS QUADRIPLEGIA A 'NUISANCE,' HE FOUND RESEARCH SUBJECTS IN HIS BACKYARD

BY KATHERINE HOBSON '94

Caroline M. Thorington

ICHARD THORINGTON '59 MADE his life's work out of studying the natural world, with research spanning international fieldwork on primates and investigations of squirrels in his Maryland backyard. Thor, as everyone called him, planned to be a lawyer until a Princeton biology class taught by professor emeritus John Tyler Bonner captured his imagination. He was intrigued by birds, but while at Harvard for his Ph.D., famed biologist Ernst Mayr noted that the job market for ornithologists wasn't great. Thorington was also interested in mammals, so he became an evolutionary biologist who specialized in mammalogy.

Thorington spent most of his career at the Smithsonian Institution, where he became curator of mammals. He traveled widely for field research, making many trips (including his honeymoon) to Barro Colorado Island, in the middle of the Panama Canal, home to the Smithsonian Tropical Research Institute and a host of animal species. In 1977 he learned he had Charcot-Marie-Tooth disease, a progressive neurological disorder. Eventually he became quadriplegic, which he referred to as "a nuisance," says his wife, Caroline. It didn't faze him. "He looked to what he could do and not what he couldn't do," she says.

Thorington continued his work, aided by voicerecognition software and research assistants who acted as his hands. Caroline, an artist and photographer, increasingly accompanied him on trips. And while he traveled until the end of his life, his research focused more on museum specimens than on fieldwork, she says.

He continued to study local squirrels, and was known as a leading squirrelologist, co-authoring two books about them. He put bead necklaces on the squirrels he caught in his backyard to tell them apart, remembers Caroline. That



line of research caught the attention of some neighbors, who misunderstood his attempts to see how far squirrels could jump as lessons in how to vault farther to reach distant bird feeders.

He also loved engaging with students and the public about his passion for the natural world, says Lawrence Heaney, now the Negaunee Curator of Mammals at the Field Museum of Natural History in Chicago. Heaney met Thorington as a high school student volunteering and working at the Smithsonian and remembers him as happy to share a conversation with anyone, regardless of age or professional stature, who shared his enthusiasms. "Being treated by someone at his stage as a colleague when you're in high school had quite an impact," says Heaney. "He tried very hard to treat everyone the same."

Thorington maintained an intense curiosity throughout his life, at 60 devoting himself to learning about one unfamiliar taxon of animals a year. Once, says his daughter, behavioral ecologist Katherine Thorington, he was driving his threewheel scooter to the subway when he spotted a cicada on the sidewalk. He couldn't pick it up himself, so he recruited a nearby workman to fetch the insect for him and put it in a box Thorington had. The workman, who didn't speak English but did recognize the word "cicada," made clear that he thought Thorington planned to eat it for lunch.

"He got his cicada," his daughter says. 🚸

Katherine Hobson '94 is a freelance writer specializing in health and science.

SEPT. 13, 1935 | APRIL 11, 2017

Frederick H. Borsch '57

THE GOOD CHRISTIAN

BY ALLIE WENNER

HEN PRINCETON'S LONGTIME dean of the Chapel, Ernest Gordon, announced in 1981 that he would retire, the University decided to reassess how religious life on campus might be changed to ensure that all members of Princeton's diversifying community felt welcomed. The abolishment of mandatory Chapel attendance years earlier meant that young people were no longer filling the pews every Sunday. How could Princeton support students, faculty, and staff from a variety of faiths so that religious life would remain relevant?

Enter Fred Borsch '57, dean and professor at California's Church Divinity School of the Pacific, who succeeded Gordon as dean. He created programs such as the Interfaith Council, which brought students from different religious backgrounds together for a meal at his house. Dinnertime discussions covered a breadth of topics, including sexuality, scripture, and success and failure. In 1988 — his last year as dean — Borsch told the *Prince* that "religious tolerance and openness are not things you ever fully accomplish; they're goals you keep working on constantly. But I do feel that the University has moved noticeably in that direction."

"Religious diversity was growing a lot" in the 1980s, says



Alison Boden, the dean today. Borsch realized that early on, she says: "He was the person who began thinking creatively about what else we could do to meet people's spiritual questioning. He was really passionate about relevance, and ensuring that religious life was [relevant] to the lives students were leading."

Borsch appointed Sue Anne Steffey Morrow — the first clergywoman to serve on the Chapel staff — as assistant dean of the chapel in 1981. Borsch was outspoken in his support for Morrow's work with LGBT students, which created a framework for what would become the University's LGBT Center.

Borsch, a former Princeton trustee, continued to serve as an advocate for LGBT people during his tenure as bishop of the Episcopal Diocese of Los Angeles from 1988 to 2002, where he supported the right of gay men and women to marry. He pushed for a living wage in Los Angeles and marched outside a Beverly Hills hotel with workers demanding higher pay. Borsch also supported the ordination of women and the welfare of the large Hispanic and black communities in his six-county diocese.

"He felt that the Church needed to be there if there was an uproar about something that was happening in the world," says his wife, Barbara. "He believed that if you were an active Christian, it's your duty to be looking out for other people — and he did."

"I don't sit at the big throne in the church because I don't like the image of it," Borsch told the *Los Angeles Times* in 1999. "Occasionally, while I'm by myself, I'll go and sit there with my prayer book in hand. And you know what? It's incredibly comfortable! You should try it some time." •

Allie Wenner is a PAW staff writer.

JULY 26, 1932 I MARCH 16, 2017 Hugh Hardy '54 *56

HIS DESIGNS BROUGHT DELIGHT TO HIS CITY BY AMELIA THOMSON-DEVEAUX '11

AST SPRING, THEATERS ACROSS New York City dimmed their marquee lights in honor of Hugh Hardy '54 *56, an architect who became known as the "savior" of city landmarks, and whose dramatic yet playful style left an enduring mark on New York's skyline and in its performance spaces. Hardy died of a cerebral hemorrhage March 16 after he fell from a taxi on the way to the Joyce Theater in Manhattan, which he had helped renovate decades earlier. He was 84.

Step into one of the many buildings that Hardy designed or restored, and you can still feel his exuberance and signature *joie de vivre* — whether it's the glittering art deco arches of the auditorium inside Radio City Music Hall, the bright and elaborately patterned blues and crimsons of the restored Central Synagogue in Manhattan, or the famous gingerbread information kiosk in Central Park.

"Hugh's work manages to feel both delightfully irreverent and deeply committed to the history of the building and the city," says Paul Goldberger, a former architecture critic for *The New York Times* and a professor of design at the New School. "He saw architecture as means for creating an emotional experience, and he wanted people to feel instinctively that they were in a place that was a celebration of old and new."



Hardy was born in Majorca, Spain, but the family soon moved back to New York. He followed in his father's footsteps by attending Princeton, where he received both a bachelor of arts in architecture and a master of fine arts degree. After graduating, he made an unorthodox choice for a young architect: He went to work for Jo Mielziner, a famous theatrical designer.

Working for Mielziner helped cement Hardy's love of performing-arts spaces, which became a focal point of his decades-long career. A joyful person whose catchphrases "Prosper!" and "Onward!" were known fondly in the New York City design world, he made his name early in his career as an architect who was willing to move away from the austere modernism of the mid-20th century. "He wanted to get away from the glass box," Goldberger says. "From the beginning, his work was always a little funky, a little playful, maybe a little industrial, but you always felt that it fit beautifully into the shapes and structures around it."

Throughout his life, Hardy was dedicated to architecture and design as a form of civic engagement. At the time of his death, he was the board president of New York City's Urban Design Forum, where he threw himself into schemes that were far beyond his own particular expertise, like a project to improve the city's transportation infrastructure. "He really believed in New York City as an idea," says Daniel McPhee, the executive director of the Urban Design Forum. "He wanted every space to bring people together and make them feel excited about the place where they lived." \diamondsuit

Amelia Thomson-DeVeaux '11 is a freelance writer.

APRIL 26, 1955 | FEB. 6, 2017

Charles Hey-Maestre '77

HE DEMANDED JUSTICE FOR PUERTO RICO'S POOR BY JENNIFER ALTMANN

HEN ANA HEY-COLON '02 THINKS of her father, Charles Hey-Maestre '77, she recalls a visit to a McDonald's restaurant with him when she was 8 or 9 years old. A boy about her age was outside the building, and he looked lost and hungry. "Come with us," her father told the boy, and the three of them went inside and shared a meal.

Hey-Maestre, who was one of Puerto Rico's most prominent advocates for the poor, later explained to his daughter: "This is what I do, and this is what I want you and your siblings to do. You must help others. If you're not helping others, you really have to think about what you're doing."

For nearly 40 years, Hey-Maestre was a singular figure in Puerto Rico as a champion for the legal rights of the poor, be they domestic-abuse victims or migrant farm workers. He was a lead attorney in a decades-long battle over one of the most painful chapters in the island's history, known as the *carpetas*, when he and others sued the Puerto Rican government over secret dossiers that were illegally kept on so-called political subversives.

He never sought accolades for his work on the case, says Eddie Olivera, a fellow lawyer. "He was under tremendous pressure from local and federal authorities to drop the case —



and there was a lot on the line if he was wrong - but he never complained." The government released files on thousands of Puerto Ricans and eventually compensated the victims.

Hey-Maestre was born in the Bronx but grew up in Puerto Rico. He was "politically minded" even as a teenager, recalls his wife, Linda Colon '75, who met her husband at a gathering for Latino undergraduates. While on campus, Hey-Maestre founded Acción Puertorriqueña y Amigos, which fostered community for Latino students, with future U.S. Supreme Court Justice Sonia Sotomayor '76. "For his whole life, Charlie led by example by dedicating himself to others," Sotomayor said in a video shown at his memorial service. "Charlie left the world a much better place than he found it." He died after battling cancer.

After Princeton, Hey-Maestre earned a law degree at New York University and then returned to Puerto Rico. "I always wondered why somebody with his résumé would have chosen to be executive director of Puerto Rico Legal Services, but his love of the island and its people is what drove him," says his friend Leo Aldridge. The organization represents tens of thousands of indigent clients every year.

Hey-Maestre's reputation encompassed more than his legal acumen and his compassion: His fundraising prowess was legendary. "Charlie was a pest. He wore people down," says Aldridge. "He literally would not stop until you gave him whatever he needed. He turned on that killer smile, and you could not say no." •

Jennifer Altmann is a freelance writer and editor.

President Barack Obama in 2013

SEPT. 13, 1926 | DEC. 21, 2016 Sidney D. Drell '47

A PHYSICIST, ADVOCATE, AND MENTOR BY TARA THEAN '13

LUMNI WHO ENJOYED — or abhorred — writing a thesis before they could graduate might have Sidney Drell '47 to thank, in part, for the experience. In 1991, Drell, a theoretical physicist and nuclearsecurity expert; and George P. Shultz '42, a former secretary of state, wrote to the Princeton Alumni Weekly arguing against a proposal to get rid of the thesis requirement, calling the thesis "far and away the most important component of [their] Princeton education." The requirement stayed.

Writing a thesis convinced Drell, who was admitted to Princeton at 16, to become a research physicist. He went on to receive a doctorate from the University of Illinois at Urbana-Champaign and to teach at MIT and Stanford University, where he remained until his death. Drell's many contributions to his field included the iconic Drell-Yan process, which explained how highenergy quark-antiquark collisions could produce certain pairs of particles and provided key background for particle-physics work performed at facilities such as the Large Hadron Collider. Drell was also instrumental in establishing and advancing the SLAC National Accelerator Laboratory at Stanford.

While physics "came first," according to Drell's daughter, Stanford provost Persis Drell, her father was deeply committed to national-security policy and arms control for much of his career.



"Every major piece of arms-control legislation of the last 50 years has his fingerprints on it somewhere," Persis says. Sidney Drell was one of the founding members of JASON, a group of advisers to the government on science and technology issues, and co-founded with Shultz a program at Stanford's Hoover Institution focused on achieving a world free of nuclear weapons. In his politically charged policy work, Drell was respected by people across the political spectrum for being an "honest broker," according to Raymond Jeanloz, a professor of Earth and planetary science at the University of California, Berkeley.

Drell also taught and mentored others, encouraging them to blend their technical expertise with policy contributions. Jeanloz, who met Drell as a mid-career academic, says Drell's guidance made him feel like he was "becoming a student and doing a Ph.D. thesis all over again." Lance Dixon, a Stanford professor of particle physics and astrophysics, says that Drell's openness and keen interest in each lab member's research contributed to his desire to remain at Stanford for the last 30 years.

Though Drell was thrilled when Persis became a physicist, he did not impose his own aspirations on his three children, his daughter says. As a child, Persis would sit in a corner of her family's living room and listen in on her father's conversations with giants of physics and nuclear policy, such as Nobel laureates Richard Feynman *42 and Isidor Isaac Rabi.

"We were always part of the conversation if we wanted to be," she says. \diamond

Tara Thean '13 is a research associate at the Lee Kuan Yew School of Public Policy.

AUG. 30, 1927 | JAN. 21, 2017 William A. Norris '51

HE MOVED THE NEEDLE TOWARD EQUALITY BY CARRIE COMPTON

ILLIAM NORRIS '51 CHAMPIONED progressive social-justice issues throughout his life some from the bench of the 9th Circuit Court of Appeals. One case in particular made him a hero to those who had longed for support of gay rights from the federal courts.

Born in the working-class town of Turtle Creek, Pa., Norris was appointed to the San Francisco-based 9th Circuit by Jimmy Carter in 1980. In 1988, he authored the opinion of a threejudge panel in *Watkins v. United States Army*, a case brought by Sgt. Perry Watkins after the Army sought to dismiss him for being gay. Watkins — a highly regarded soldier who never hid the fact that he was gay — had re-enlisted three times before the Army sought his discharge.

In his opinion, Norris wrote that Army regulations banning gay men and women from service violated the constitutional guarantee of equal protection. It has been described as the first to use a constitutional analysis in a gay-rights case.

"A Wise Court Salutes Tolerance" was *The New York Times*" response to Norris' decision. The editorial's lead paragraph summarized his opinion: "Homosexuals may not be kept out of the Army: Their claims for equal protection under the Constitution are as strong as those of blacks"



Norris' opinion was not in step with Supreme Court precedent at the time, and it sent hope to gay men and lesbians. A larger 9th Circuit panel later reconsidered the decision; that panel also ruled in favor of Watkins but did not base its ruling on a constitutional analysis.

Nevertheless, the spirit of Norris' opinion endured, inexorably linking LGBT Americans to other classes shielded from discrimination by the equal-protection clause of the Constitution — the same legal bedrock that the Supreme Court would put forth in its affirmation of gay marriage 25 years later.

Edward Lazarus, who clerked for the judge during *Watkins*, recalls Norris' writing process as exacting to the point of agony. "All of his opinions were deeply, deeply analyzed and thought through," he says. "*Watkins* may be his most famous opinion, but it doesn't stand alone. It's in the fabric of a life devoted to a broad range of social-justice issues."

Norris often cited Princeton as vastly formative, according to his widow, Jane Jelenko. The judge attended the University on the G.I. Bill after Naval service, won a full scholarship to Stanford Law School, and later clerked for Supreme Court Justice William O. Douglas.

"My father was an eternal optimist," says Kim Norris. "We would have political debates, and he'd always emphasize: Don't just complain, what are you gonna *do* about it?"

Norris followed his own advice — when he wasn't on the bench, he was active in civic affairs. He was a delegate to several Democratic national conventions (he was at the Ambassador Hotel when Robert F. Kennedy was shot) and helped elect Los Angeles' first black mayor, Tom Bradley. He also helped to establish the Museum of Contemporary Art, Los Angeles, serving as founding president from 1981 until 1992. His memoir, *Liberal Opinions: My Life in the Stream of History*, was published last year after his death.

"To the extent that he could affect the right thing to do for our country and the rights of the disadvantaged from the bench, he did," says Jelenko. "But in all other ways in his life, he always stood for something worthwhile and good." •

Carrie Compton is an associate editor at PAW.

MAY 25, 1919 | FEB. 6, 2017

Raymond M. Smullyan *59

A MATHEMATICIAN WHO BELIEVED IN MAGIC

BY DAVID WALTER '11

AYMOND M. SMULLYAN *59, WHO DIED in February at 97, can best be described as the Willy Wonka of word problems, a gonzo logician who transformed raw math into magical literary confections. In the college classes he taught nationwide (including

at Princeton), as well as in his popular puzzle books — which earned him a legion of fans and an appearance on *The Tonight Show Starring Johnny Carson* — Smullyan spun knotty tales that had the power to confound, enrage, delight, and edify.

Smullyan's dozen-plus books, which include *The Lady* or the Tiger?, What Is the Name of This Book?, and To Mock a

Mockingbird, are singular artifacts. You don't read most of his stories so much as you maneuver your way through them, room by room, chapter by chapter, as in a video game. All fiction, of course, can be seen as a kind of game played between author and reader — but where a normal book asks the reader to take an author's words and use them to furnish a fuller imaginative reality, Smullyan went one step further. He would sketch the barest outline of a room, then ask you to furnish it, and then challenge you to march those furnishings to and fro like chess pieces. Smullyan's "mathematical novels," he wrote in 2009, are "more than mere puzzle books — it is through recreational logic puzzles that I introduce the general reader to deep results in mathematics and logic!"

Deep, indeed: Smullyan's tales ranged from supernatural twists on simple logic games ("Transylvania is inhabited by both vampires and humans; the vampires always lie and humans always tell the truth ... ") to chapters-long detective dramas that lead the reader toward concepts like Gödel's incompleteness theorems. Then there were his "meta-puzzles," intentionally half-formed tales that challenged readers to provide not only the solution to a puzzle, but also to fill in those portions of the puzzle's narrative setup that Smullyan deliberately left missing. These are puzzle stories that, through the very act of attempting to solve them, write themselves into existence. (Your move, Borges.)

True to his books, Smullyan's own career was decidedly free from the constraints of a linear narrative. "I have lived four different lives," he wrote in 2009, "as a mathematician, musician, magician, and author of essays and puzzle books." (He might have also added Taoist philosopher to the list, since Smullyan's pursuit of logic led him to a deep love for and understanding of that tradition, as chronicled in his influential book *The Tao Is Silent*). The through line was a fascination in the knottiness of reality: "There was a gleefulness — and maybe a certain obsessiveness" in his love of puzzles, magic, and music, says Jason Rosenhouse, an author and math professor at James Madison University.

As a young man, Smullyan planned to become a professional pianist — his first teaching appointment was at a music school — but he switched to math when tendinitis afflicted his right arm. From there, he performed magic shows to pay the bills while embarking on a highly unorthodox academic career in math. Smullyan's résumé thenceforth reads like a twisted logic problem in its own right: "Strangely enough, before I had a college degree, or even a high school diploma, I received an appointment as a mathematics instructor at Dartmouth College on the basis of some papers I had written on mathematical logic. After teaching at Dartmouth, the University of Chicago gave me a bachelor of arts degree, based partly on courses I had never taken, but had successfully taught, such as calculus. I then went to Princeton University for my Ph.D. in mathematics in 1959."

A long teaching and writing career followed, with Smullyan publishing new books on math, Taoism, and logic up until last year. If a man was born in Brooklyn, N.Y., in 1919, and died in Hudson, N.Y., in 2017, how many strange and fantastic worlds could he visit in between? For Smullyan, the possibilities approached infinity. �

David Walter '11 is a freelance journalist in New York.

DEC. 16, 1938 | MAY 28, 2017

Frank Deford '61

THE KING OF SPORTSWRITERS

BY LOUIS JACOBSON '92

N 1987, ABOUT A QUARTER-CENTURY INTO a career as one of the nation's premier sports journalists, Frank Deford '61 published a collection of his writing called *The World's Tallest Midget*. The title was a self-deprecating gag about the literary stature of sportswriting. By the time he died last year, his achievements were no joke: almost 50 years at *Sports Illustrated*; 37 years at NPR; 20 books; the launch of *The National*, a daily sports newspaper; and the National Humanities Medal. In 1981, he even starred with former Yankees manager Billy Martin in a Miller Lite commercial.

"Nobody inspired more young people to become sportswriters than Frank Deford," says sportswriter Joe Posnanski of MLB.com. "The elegance of his writing, the power of his convictions, and the depths with which he plunged into his subjects were irresistible."

The oldest of three brothers in Baltimore, Deford published newsletters in elementary school and edited the school paper in high school, where he also played basketball. He followed his father, businessman Benjamin Deford '26, to Princeton. According to legend, basketball coach Cappy Cappon told him, "Deford, you write basketball better than you play it." So he concentrated on *The Daily Princetonian* and helped re-energize *The Tiger*.

For a year, Deford left Princeton; friends aren't sure whether he'd been caught with a girl in his room or struggled academically due to his heavy *Prince* workload. He joined *Sports Illustrated* the summer after graduating in 1962.

The magazine then was only 8 years old and not yet profitable. "He really enjoyed the fact that from very early on, he didn't just get assigned the typical nuts-and-bolts stuff, but was able to go behind the scenes — sports as part of the culture," says his brother Gill. Peter Carry '64, who worked with Deford at *Sports Illustrated*, says Deford was an early practitioner of "new journalism" literary techniques. "He liked Americana of the most basic sort"— roller derbies, small-town football coaches, and beauty queens, Carry says. He wrote about them all.

Deford was 6-foot-4, straight-backed, and had a Clark Gable pencil mustache; he was "the only guy I know, straight or gay, who regularly wore purple clothes," says Carry. He was best known for long, richly reported features that were "definitive, knowing, sophisticated, and always had just enough of an edge, but not so much of an edge that they felt like hit jobs," says Alexander Wolff '79, a longtime *S.I.* writer. They included profiles of Indiana basketball coach Bobby Knight, tennis stars Jimmy Connors and Arthur Ashe, boxer Billy Conn, football coach "Bear" Bryant, and golfers Jack Nicklaus and Tom Watson. Such pieces "were not just storytelling, but an inspired kind of literary pop psychology," says Michael MacCambridge, author of *The Franchise: A History of Sports Illustrated Magazine*.

The great tragedy for Deford and his wife of 51 years, Carol, was their daughter Alex's struggle with cystic fibrosis.


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Frank Deford '61



After her death at 8 in 1980, Deford authored *Alex: The Life* of a Child, which became a TV movie. He chaired the Cystic Fibrosis Foundation for most of the rest of his life. After their son, Christian, and daughter Scarlet were grown, the Defords began frequenting Key West, where the air suited Deford's pulmonary challenges. He died there last May at 78.

Louis Jacobson '92 is the senior correspondent at PolitiFact in Washington, D.C.

MAY 29, 1961 | JUNE 30, 2017

Janice Nittoli *85

SHE SPENT HER YEARS ADVOCATING FOR WORKERS AND FAMILIES

BY DEBORAH YAFFE

ANICE NITTOLI *85, A PROUD DAUGHTER of workingclass Queens, never forgot where she came from. During a 30-year career in government and philanthropy, Nittoli found temporary homes for babies born addicted to drugs in the Bronx, helped devise management methods to improve the lives of children under the care of New York's child-welfare agency, and focused Rockefeller Foundation grants on strengthening American workers' economic security.

Nittoli, who died of frontotemporal dementia at the age of 56, "had a very fierce sense of social justice," says her

husband, Richard Tofel, the president of the nonprofit news organization ProPublica. "She wanted to try to make sure that working people and their families got a better break and a fairer shot."

Nittoli, who earned an M.P.A. in the Woodrow Wilson School, began her post-Princeton career in New York City government, working in a range of departments. Eventually, she moved into philanthropy, serving as a senior executive at the Annie E. Casey Foundation and, later, as associate vice president and managing director at the Rockefeller Foundation. From 2011 until illness forced her retirement in 2014, she was president of the Century Foundation, a New York-based progressive policy think tank.

Her policy work wasn't always glamorous, but it got results. In 2006, Nittoli helped develop New York City's ChildStat, a management system modeled on the city police department's famous CompStat program for tracking crime rates and prevention strategies. ChildStat, launched after an abused 7-year-old girl was killed by her stepfather, applied similar data-driven methods to child protection, reducing the number of child-protection cases closed without offering services from 40 percent to 10 percent. The model was later adopted by child-welfare agencies in New Jersey and Philadelphia.

In op-eds for national newspapers, Nittoli proposed ideas that could help working people, children, and families, often before others were taking up the cause — writing back in 2009, for example, of a "blue-collar Great Depression" among workers left out of the changing economy and proposing ways to address it.



"She was always a few steps ahead of everyone else in terms of getting who was who, and what was up, and what's the bottom line here and what's the big picture," says Nittoli's friend Helene Lauffer *86, associate director at Catholic Charities Community Services of the Archdiocese of New York. "She just was super-smart and super-strategic."

But she wore her brilliance lightly, charming friends and colleagues with her clarity, directness, and humility as well as her striking and expressive fashion sense. Clothes were Nittoli's only indulgence, Tofel says, but not her only source of fun: She was a passionate fan of modern dance, a committed practitioner of ashtanga yoga, and a valued friend and mentor.

In late 2013, Nittoli began to struggle with memory and decision-making as her illness took hold; by the end of 2014 she had moved into a New York City nursing home, where she gradually lost her ability to speak and to recognize loved ones. An examination of brain tissue preserved after her father's 1990 death showed that he had died of the same disease.

But it is Nittoli's vitality and life of service, rather than her sad and untimely death, that those who knew her prefer to remember. "She was so emotive. She would be joyful and happy, or angry if there was injustice, but she was always so positive," says Nittoli's friend Jeanne Haws *86. "She always believed there was a chance to make a difference." •

Deborah Yaffe is a freelance writer based in Princeton Junction, N.J. Her most recent book is Among the Janeites: A Journey Through the World of Jane Austen Fandom. JUNE 11, 1920 I JULY 30, 2017

John Dow 'Tex' Farrington Jr. '42

SEEING THE HORROR OF WAR, HE WAGED PEACE

BY ALLISON SLATER TATE '96

"We left shaken, stunned. We were changed forever. We felt only profound compassion. The leaders of the world today should have shared this."

ohn Dow "Tex" Farrington Jr. '42 was among the first Americans to see the devastated city of Hiroshima, Japan, after it was leveled by the atomic bomb known as "Little Boy." He later wrote about the experience that shaped his life in a book for his grandchildren and great-grandchildren he titled *Waging the Peace*, which includes the quote above.

Farrington, who once escorted Nancy Davis Reagan to her society debut in Chicago, joined the U.S. Army as a second lieutenant after graduating from Princeton, where he was in ROTC, with degrees in engineering and economics. Like many of his fellow Americans and soldiers, he felt a deep anger toward the Japanese in the aftermath of the attack on Pearl Harbor.

It was his experience in September 1945 in Hiro, Japan — where his mission was to secure the area in advance of American troops arriving to occupy Japan after its surrender to the U.S. — that would change Farrington's heart forever.



After accepting Hiro's Japanese flag from the city's mayor, Farrington began a healing process for both himself and his country. "I nodded; they bowed," Farrington told South Carolina's *The State* newspaper. "It was the beginning of a profound change in attitude that affected all the years to come. It was, in a way, my epiphany." He was 25 years old.

Soon after, Farrington visited Hiroshima — a day his daughter, Nancy Novak, says transformed him. "He realized that we were all really one world. The devastation of it was something he never, ever wanted to see happen again," she says.

When Farrington then took command of 3,000 Japanese prisoners of war at a camp he helped create on the island of Luzon in the Philippines, he refrained from using corporal punishment on the Japanese troops in his care. Instead, he gave them weekly lessons on President Franklin D. Roosevelt's "four freedoms of democracy": freedom of speech, freedom from fear, freedom of religion, and freedom from want. "Each Sunday, my desk was moved out to the parade ground, and I was available to openly discuss any subject and, in return, to ask [the POWs] about their beliefs," Farrington wrote in a book he coordinated to share the Class of '42's wartime experiences. "At first, there were only a few attendees, but after a few weeks, up to a thousand came and were well-prepared. It was quite a challenge and a defining event that I recall with pride."

Farrington also began a friendship with his Japanese interpreter at the camp that would last the rest of his life; he gave the eulogy at the man's funeral decades later. "He taught us as children to befriend everyone, that no one is better than anyone else, and to respect people's views even when we did not agree with them," says Novak.

For 65 years, Farrington did not show anyone, including his children, the Japanese flag he brought home from Hiro. In 2010, he returned it to the city, where it is now on display.

Novak says Princeton was the second defining force in her father's life, and during his retirement on Hilton Head Island, he was a devoted member of the local Princeton club, famous for his bright orange corduroy sport jacket.

"He was so upset to miss the Old Guard luncheon at Reunions last year," remembers Novak. "He was a Princetonian to the end." ♦

Allison Slater Tate '96 is a freelance writer and editor.

AUG. 4, 1921 | FEB. 23, 2017

Ward Chamberlin Jr. '43

HE LIVED HISTORY - AND HELPED BRING IT TO LIFE FOR OTHERS

BY BRETT TOMLINSON

HEN FILMMAKER KEN BURNS was editing *The Civil War* in the late 1980s, he came to realize that the documentary miniseries simply would not work in the five hours it was slated to cover. So he scheduled a dinner with one of the project's key supporters, Ward Chamberlin Jr. '43, then president of WETA, the publictelevision station in Washington, D.C.

Across the table at Nora's, a favorite Georgetown restaurant, Burns broke the news: He wanted to extend the series from five hours to 12. Chamberlin took a sip from his drink, paused, and asked, "Is it good?" Burns assured him that it was, and as the production moved forward, Chamberlin defended the filmmaker's new, longer approach at every turn.

"I'd never had an executive stick his neck out in that way," Burns tells PAW. "And Ward did it again and again and again."

The Civil War would draw approximately 40 million viewers in its five-night debut run in 1990, becoming the most-watched program in PBS history and adding another hallmark success to Chamberlin's career as one of public television's architects and longtime leaders.

Lyn Chamberlin, one of Ward's daughters, says the encounter with Burns epitomized her father, who was engaging and supportive, particularly when meeting face to face. "If he believed in you, he really believed in you," she says. "And I think Ken is a testament to that, even though Ken would have succeeded with or without Dad, clearly. But that was the kind of aura that [Chamberlin] created when he was in a room with people."

Chamberlin came to work in public television almost by chance. Frank Pace '33, a former secretary of the Army, was tapped by President Lyndon B. Johnson to chair the new Corporation for Public Broadcasting in 1968, and Pace called on Chamberlin, who'd worked for him as a corporate lawyer, to join as chief operating officer. Pace stayed on for four years before moving on to his next executive post; Chamberlin made public television his life's work.

He was among the small group that laid out the vision for





what PBS would become: a network of independently run member stations producing programs for their own viewers and for syndication. He also had a hand in forming National Public Radio and held leadership roles at two of the country's most prolific PBS programmers, WNET in New York and WETA in Washington, where he oversaw the creation of *The MacNeil/Lehrer Report, Washington Week in Review*, and other successful series.

Chamberlin was a keen student of history, politics, and civic life, but his greatest asset may have been his enthusiasm. "Public television for him was such a passion, and it was a good thing it was a passion because what he had to do 90 percent of the time was raise money," says Lyn Chamberlin. "You can't raise money effectively, in a satisfying way, unless you care about what you're raising money for."

Late in his life, Chamberlin was featured on screen in Burns' World War II documentary, *The War*. An All-America soccer player at Princeton, he had lost sight in one eye from meningitis as a child and was unable to enlist, so he joined the American Field Service and drove ambulances for Allied troops on the Italian front. His wartime recollections were captivating, even for his family. "Until Ken's film," says daughter Margot Chamberlin, "he had not spoken much about the details."

The War told stories of a generation that went to off to war and "came back with such a sense of purpose," Burns says. Chamberlin returned to apply his quiet resolve in several pursuits: as an administrator for the Marshall Plan; as an architect of the American Field Service's international youth-exchange program; and as a pioneer in public television, where he selflessly mentored future executives, producers, and filmmakers. Says Burns, "I consider it one of the great blessings of my life that I knew him." •

Brett Tomlinson is PAW's digital editor and sports editor.

MORE AT PAW ONLINE

SHARE your memories of the alumni featured in "Lives Lived and Lost" at paw.princeton.edu.

WATCH AND LISTEN to multimedia content, including video of puzzlemaster Raymond Smullyan *59 in a 1982 *Tonight Show* appearance, audio of Frank Deford '61's final NPR commentary, and more.



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PRINCETONIANS



IN THE HOUSE: In 1990, Bert Smiley *78 and Nina Feldman Smiley *79 left behind their careers in Washington, D.C., to take over as innkeepers at Mohonk Mountain House in New Paltz, N.Y. The historic castle-like resort, built in 1869 by Bert's great-grand-uncle, accommodates up to 600 overnight guests. The Smileys live a four-minute walk from the resort, which sits on 1,325 acres of protected land. They are on call 24/7, but the arrangement suits them, says Nina: "People ask where we go on vacation, and we reply, 'We stay right here. Why would we go anywhere else?" ϕ



MIRANDA GORDON '91 AND DANA SCHMITT '12 **SWEET-SMELLING CAREERS** With finely honed olfactory skills, Princetonians plunge into the perfume industry

If you think gaining admission to Princeton is daunting, try getting into the Givaudan Perfumery School on the outskirts of Paris. In 2014, Dana Schmitt '12 was one of three chosen from roughly 1,000 applications for a coveted position at the school. The commitment is also impressive: four years of study followed by at least five of employment with Givaudan, the world's biggest company specializing in fragrance and flavor.

As a Princeton junior, Schmitt stumbled upon the Fragonard perfume museum on a visit to Paris. The docent explained that a perfumer needs an understanding of chemistry, creativity, and a good nose. Schmitt, a chemistry major who painted and played piano, aced the museum's smell test and thought, "*Voilà!* That's what I want to do."

At the start of perfumery school, Schmitt memorized 150 natural and 350 synthetic smells in batches, taking notes to herself such as "cylomethylene citronellol — smells like dill." She was regularly tested on 20 chosen at random. After six months, failure to identify nearly all 500 could have meant dismissal.

Next she studied accords (combinations of three to six materials) and started replicating skeletons of existing perfumes, starting with 16 raw materials and combining up to 60 (which create simplified versions of the perfumes). This year, she is apprenticing in Givaudan offices in Switzerland and Singapore. And when she returns to Paris, she'll start creating her own signature perfumes and collaborating on "real-world" projects for Givaudan.

Miranda Gordon '91, vice president of marketing for fine fragrances with MANE (a French company and a major player in flavor and fragrance) based in New York City, is another rare Tiger in the industry. At her 25th reunion, she identified a classmate's Kenzo fragrance and explained that they were "smelling an ionone signature, where violets overlap with raspberries and orris, the dried and aged rhizome, of the Florentine iris." She called the fragrance, with quiet florals on top of vanilla and musk, a good fit for Reunions, because "it's a hug-me kind of scent." "The only real way to train is to smell all the time," she says. "On my desk there are at least 100 bottles, with seven blotters active at any given time with raw materials and current projects."

Raised in Hawaii, Gordon enjoyed a very "olfactive childhood." She describes her favorite tropical flower, the puakenikeni, as smelling like "gardenia plus yellow cake batter." At Princeton, she studied classics, French, Spanish, Italian, and art history, and spent a semester in Rome. She later worked at Christie's, in retail, and in TV, until she went to Columbia Business School, where a career adviser asked her, "What section of The New York Times do you read first?" She admitted she liked the perfume launches in the Styles of the Times section. He advised her projects on the industry, and she graduated to jobs at Avon, Givaudan, and Firmenich before arriving at MANE, helping clients understand where a product comes from and why it's right for their brand and their target customer. She advises on packaging, names, and general strategy.

"Twenty years ago, my job was just to get clients to buy the fragrance; today, marketers are expected to provide industry insights and consulting services, which build trust," Gordon says.

Making a perfume is not like tossing a salad. You cannot throw ingredients



together willy-nilly. It must work at the molecular level. Gordon explains, for example, that cassis and rhubarb combined smell like "cat urine on marijuana." At one point, perfumers she worked with created a delicate molecule redolent of flowers which, when mixed with anything else, smelled like fish.

Aromas have a cultural component: Fenugreek absolute reminds Schmitt of New England maple syrup. Her classmate from Brazil perceives it as overripe papaya. Where Americans smell grape, as in cough syrup, the French smell orange blossom. And there's a nostalgic component: Mineral and mossy aromas bring Gordon back to the steps of Blair Arch. A year ago, Gordon married Myles Derieg '92 at a lavender farm in Hawaii, carrying a bouquet of fragrant herbs.

Partway through her schooling, Schmitt already smells the world differently. "I was running in Central Park, the same path that I'd run for two years, and I smelled the lake very strongly. That was new!" It's a challenging and unusual student life, but one that comes with perks: Givaudan pays for her apartment in Paris and even gives her a small stipend. She calls it "dreamland. I have to pinch myself sometimes." � By Kazz Regelman '89

READ MORE: Read about other Tiger perfumers at **paw.princeton.edu**

In the Nation's Service ...

First Lieutenant VICTOR PRATO '15 received a Purple Heart from President Donald Trump Dec. 21 while recuperating from multiple soft-tissue injuries at the Walter Reed National Military Medical Center in Bethesda, Md. Prato and three other Army soldiers serving in Kandahar, Afghanistan, were injured Nov. 13 when a blast from a car bomb caused their vehicle to roll over.

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Prato, a mechanical and aerospace engineering major deployed as a part of the 127th Airborne Engineer Battalion, was conducting a routine patrol when his convoy was the target of an improvised explosive device. Φ



NEW RELEASES



Harbor of Spies (Lyons Press) is a historical novel by **Robin Lloyd '73**, set during the Civil War, about an American naval

officer who, in rescuing a man outside Havana harbor, finds himself entangled in a sensitive murder investigation and a world of spies, blockade runners, and slave traders.



Economist Bryan Caplan *97 argues that college serves to recommend students as good employees — by certifying qualities

certifying qualities like intelligence and work ethic rather than to impart meaningful skills. In *The Case Against Education* (Princeton University Press), Caplan says that growing access to higher education has not led to better jobs, but it has exacerbated credential inflation, among other things. He suggests drastic cuts in government spending and increased vocational training.



Princeton president William G. Bowen *58, who died in 2016, is wellknown for his work to address broad problems in higher

Former

education. Ever the Leader: Selected Writings, 1995-2016 (Princeton University Press) is a collection of his speeches and other works from his later years, in which he discusses a wide range of topics through the lens of higher education. \diamondsuit

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SEEKING AN END TO CASH BAIL

Philadelphia Bail Fund sets out to reform the bail system, with the aim of reducing inequality

Bail is supposed to work like an insurance policy for justice: People pay bail and are reimbursed for showing up at their court date. In Philadelphia, once bail is set, a person must pay a portion of it in order to be released from jail; after showing up in court, that person is reimbursed, minus fees. If he or she can't come up with the money, they're detained until trial. This system, with origins as far back as the Middle Ages, is one that many see as unjustly harming the poor.

"Our criminal-justice system is supposed to work on the principle that you are innocent until proven guilty," says Ted Callon '17, a politics major living in Washington, D.C., who just finished an internship with Rock the Vote, a nonprofit organization that promotes voting among young adults.

Callon and Maia Jachimowicz *08, a Woodrow Wilson School M.P.A. and former policy director for Philadelphia's last mayoral administration, helped form the Philadelphia Bail Fund in 2017 to protest the city's bail system. Along with two other co-founders, they raised \$50,000 in less than two months to bail out about a dozen indigent people as an initial pilot program. The Philadelphia Bail Fund requires that individuals for whom they post bail must be assigned a public defender by the court because they cannot afford their own lawyer.

"There's so much hardship that happens to people when they are held in pretrial detention simply [because] they can't afford bail," says Jachimowicz, who serves as president of the Philadelphia Bail Fund board of directors and also as

"The first three days [in jail] have such a large impact ... things as serious as suicide rates are incredibly high in those days."

— Ted Callon '17, co-founder of the Philadelphia Bail Fund

vice president for evidence-based policy implementation at Results for America, an advocacy organization. "[People] can lose their job, they can lose their home, they can lose custody of their children. It clearly puts an immense strain on family relations."

Philadelphia has the fourth-highest rate of pretrial incarceration among urban counties in the country. About 1,700 people — a quarter of the city's inmates — are being held because they haven't paid bail, according to Julie Wertheimer, chief of staff of criminal justice in Philadelphia's managing director's office.

In 2016, the city received a \$3.5 million, two-year grant from the MacArthur Foundation "to address over-incarceration by reducing jail misuse and overuse."

"We want to bail out individuals as soon as possible," ideally before people are moved from their holding cells, says Callon, whose interest in the criminal-justice system was sparked by a class he took at Princeton called "The New Jim Crow: U.S. Crime Policy from Constitutional Formation to Ferguson," taught by associate professor Naomi Murakawa. "The first three days [in jail] have such a large impact on individuals ... things as serious as suicide rates are incredibly high in those days."

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The ultimate goal of the Philadelphia Bail Fund is to not exist.

"We don't want to be here in 20 years," says Jachimowicz. "Our goal is in five to 10 years — that the bail system in Philadelphia has been reformed."

The Philadelphia Bail Fund is not alone in its quest to change the current bail system. Philadelphia Community Bail Fund is primarily focused on posting bail for black mothers, and bail funds have been established in several other cities. In 2014, voters in New Jersey amended the state constitution to overhaul its bail system.

LGBTQ Event

The Princeton LGBTQIA Oral History Project, a joint initiative of the LGBT Center, Princeton **BTGALA**, Gender and Sexuality Studies, the University Archives, and the Princeton Histories Fund, will be unveiled to alumni during an LGBTQ alumni event March 10. The day will include two panels on the project: "Histories Now Visible: A Scholars' Panel" from 3:15-4:15 p.m. in McCormick 101, and a session where oral history interviewers will discuss their experiences from 4:30-5:30 p.m. To RSVP for a dinner planned for that evening visit: bit.ly/ btgaladinner.

For more on the project, go to: bit.ly/ lgbtqia-oralhistory. �

A Message to Alumni From the Department of Athletics

Per National Collegiate Athletic Association (NCAA) guidelines, alumni may not provide student-athletes with "extra benefits" that are not available to other students at the University. Some examples of "extra benefits" are:

- Arranging, providing or co-signing a loan.
- · Providing gifts or transportation.
- Providing a ticket to any entertainment or sporting event.
- Providing free admission to a banquet, dinner, or other function to parents, family or friends of a student-athlete.
- Providing a meal to a student-athlete (except in one's home, on a preapproved, occasional basis).
- Providing a meal or any other benefit to the parent(s) of a student-athlete.

Employment of current student-athletes is permissible only if the students are paid for work actually performed, and at a rate commensurate with the going rate in the area. Employers may not use student-athletes to promote a business or commercial product, nor may they provide student-athlete employees benefits that are not available to other employees.

As a general rule, the NCAA prohibits any involvement by alumni (or other "boosters") in the recruitment of PROSPECTIVE STUDENT-ATHLETES (PSAs). There is a limited exception for local Alumni Schools Committee members who are conducting official interviews as assigned.

NCAA rules PERMIT Alumni and Boosters to:

• Notify Princeton coaches about PSAs who may be strong additions to their teams.

- Attend high school or two-year college athletics contests or other events where PSAs may compete. However, alumni and boosters may not have contact with the PSAs or their relatives for the purpose of providing information about Princeton.
- Continue a relationship with a PSA, and his/her parents or relatives, provided the relationship pre-dates the PSA entering ninth grade (seventh grade for men's basketball) and did not develop as a result of the PSA's athletics participation. Even with such a relationship, an alumnus or booster may not recruit the PSA to attend Princeton and/or participate in Princeton Athletics.
- Continue involvement with local youth sports teams/clubs that may include PSAs, provided the alumnus or booster does not solicit any PSA's participation in Princeton Athletics.

NCAA rules specifically PROHIBIT Alumni and Boosters from:

- Contacting a PSA or his/her family in person, on or off campus. This includes calling, writing, emailing, text messaging, or using social media outlets (e.g., Facebook, Twitter, Instagram).
- Making arrangements for PSAs or their relatives or friends to receive money or financial aid of any kind.
- Providing transportation for a PSA or his/her relatives or friends to visit campus, or reimbursing another party (including a PSA's coach) for providing that transportation.
- Providing free or reduced cost tickets for PSAs or their relatives or friends to attend an Athletics event.
- Entertaining high school, prep school or community college coaches.
- Attending a PSA's competition for the purpose of providing an evaluation to the Princeton coaching staff.

Improper contact or activity by alumni can render a student-athlete (current or prospective), and in some cases an entire team, ineligible for intercollegiate competition. Please remember to "ask before you act." If you have any questions, contact the Athletics Compliance Office at AthCompliance@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



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 1939



William H. Bell Jr. '39 Bill died June 17, 2017, in Savannah, Ga., his home since 1989. His thesis in economics, "Sharecropping in France," won a prize from the French

department. Upon graduation he was elected to Phi Beta Kappa.

Bill spent his entire career in banking, starting with J.P. Morgan. He served four years in the Navy, rising to the rank of lieutenant commander, leading a destroyer escort, and earning the Philippines Medal.

Living in Moorestown, N.J., Bill became the CEO of Heritage Bancorp. He served his state and university in many ways. He was on Gov. Richard Hughes' committee that led to the passing of bond issues to expand New Jersey's community colleges and medical schools. His nonprofit housing association helped rebuild 530 homes in nearby Camden.

Bill was a faithful presence at Reunions. He served as treasurer and vice president of our class. He and his late wife, Alice, were the parents of six daughters, including Barbara '76 and Madeline '79.

In 1989 Bill wrote, "Princeton helped me develop an analytical approach, which has been helpful in business and social situations."

We salute this stalwart classmate who was always generous of his time and talent.



Milton M. Grover Jr. '39 "Doc Milt" died May 20, 2017, at his home in Gainesville, Ga. He was born Feb. 6, 1918, in New York City. At Princeton he

was the manager of Dial Lodge his senior year. He earned a medical degree at Temple University in 1943 and specialized in radiology at the University of Pennsylvania. He practiced at French and Bellevue hospitals in New York and then moved to Kingston, N.Y., in 1951.

For nine years he was director of the Ulster County Tumor Clinic and for 24 years he was chief radiologist at Benedictine Hospital. During these years, Doc practiced during an era of continual progress during an age of fast-paced technological change. In 1989, he was honored as a leader who fostered a spirit of respect and teamwork and a as warm-spirited human who was so dearly loved in his community.

In Kingston, Doc was president of the Rotary Club, chief deacon of Fair Street Reformed Church, and a member of several boards of directors. He and his late wife, Maggie, were the parents of three children and grandparents of three. Among the accomplishments of Doc's later years was a hole-in-one at age 93 (with a driver from 91 yards)!

Manton C. Martin '39



Manty died June 4, 2017, at home in Chappaqua, N.Y. He was 99. Our class numerals appeared with his name in his obituary. In 1935, Manty edited our

Freshman Herald. He worked at the Lunch & Ice Cream Agency and roomed with Walt Hatfield. He was a generous donor to Annual Giving and hardly ever missed a reunion.

Manty's lifelong work was with Martin Bros. Tobacco Co., a New York City company founded by his grandfather in 1866. Under his leadership, the company gained prominence in international marketing and export. He was a member of the U.S. Chamber of Commerce and the New York District Export Council.

Manty served his country as a staff sergeant in the Air Force during World War II.

His motto was that of the Rotary Club, of which he was a member for 45 years: "Service above self." He was a hospice volunteer and a FISH (Friends in Service Helping) driver in Mount Kisco, N.Y. In his own words, he was "happy to feel genuinely ever grateful for the gift of life and all that implies: the simple blessings of our everyday existence."

Manty is survived by his second wife, Rosemarie; his daughters, Susan Medley and the Rev. Carol Simpson; two grandchildren; and three great-grandchildren.

THE CLASS OF 1943

Gordon Sommers '43

The Great Class of 1943 lost another of its members when Gordon died Feb. 20, 2016.



He came to Princeton from Kirkwood High School in St. Louis, Mo., where he was active in debating and student government.

At Princeton he majored in modern languages, graduated with highest honors, and was elected to Phi Beta Kappa. He was a student tutor and a member of Dial Lodge.

Gordon entered the Army and attained the rank of captain. Upon discharge he began work as a civilian for the Army Security Services and later the Air Force Security Services. Among his many awards and commendations was the National Intelligence Distinguished Service Medal.

Gordon was an active member of St. David's Church in San Antonio, Texas, and involved in Agape Ministries.

He was predeceased by both of his wives, Dorothy and Vicki. He is survived by his two sons, Gordon and Bill; six grandchildren; and 12 great-grandchildren.

THE CLASS OF 1944



Richard K. LeBlond II '44 Dick died Oct. 26, 2017, in Ponte Vedra, Fla., where he spent many winters with his wife Sally.

A graduate of The Hill School, Dick majored in economics at Princeton, was on the baseball and soccer teams, was a member of Triangle Club, and was vice

was on the baseball and soccer teams, was a member of Triangle Club, and was vice president of Cottage Club. His roommates were John Barr, John Eide, and Dick Douglas.

He did graduate studies in business at Columbia and Harvard before joining the New York Trust Co. in 1948, which merged with Chemical Bank, the predecessor of what is now J.P. Morgan Chase & Co. He rose to vice chairman and was on the board of directors.

During World War II he served as an artillery observer in the Philippines. Over the years he was a regular at Reunions. He had a keen sense of humor that was infectious. He had a unique zest for life and was kind. He loved golf, playing into his 90s. He was president of the Father-Son Golf Association and the Robert T. Jones Memorial Scholarship Fund.

Devoted to his family, his faith, and his country, Dick and his wife of 68 years, Sally, had 10 children, 31 grandchildren, and six great-grandchildren, all surviving him.

THE CLASS OF 1945



Shepard Kimberly '45 Shep died May 8, 2017, having recently suffered from a stroke. He joined his wife, Mannie, and his other fellow Tigers. Shep was born in Buffalo,

N.Y., and grew up in the town of Lake Shore, N.Y., on Lake Erie. He attended The Hill School and graduated *cum laude* from Princeton as a philosophy major. He was chairman of the *Nassau Lit* and belonged to Key and Seal Club. World War II interrupted his studies, and he served as forward observer, battery executive, and battery commander in parachute field artillery in the Philippines. He was a first lieutenant, 503rd Army Combat Team, and 11th Airborne.

Shep married Marion Cooke, also from Buffalo. They settled in Princeton and had two daughters. He went to work for New Jersey Bell, rising to systems analyst, and then moved over to Educational Testing Service, where he worked in several departments, including planning.

Shep and Mannie had parties for the class on their 40-foot trawler *Graceful*. He served as Reunions chairman and vice president of his class, and was known for his orange and black Mini Cooper "Shep '45." He is survived by daughters Katharine "Cookey" Kimberly Gilbert and Gay Kimberly, three grandchildren, and five great-grandchildren.



Robert W. Maynard '45 Bob died May 8, 2017.

Bob graduated from the Lawrenceville School. At Princeton he played freshman and JV soccer and baseball, and

championship intramural baseball. He was on the Freshman Council, Orange Key, Inter-Club Committee, and Cottage Club.

He attended Officer Candidate School at Fort Sill and served as battery officer, demolition and intelligence Army Field Artillery, Office of Strategic Services in Kunming and Shanghai in World War II. For a time he was aide to Gen. William Donovan. After the war, he graduated *magna cum laude* in international affairs.

Bob attended Harvard Law School and practiced with Evans, Hand, Evans & Allabough until the Army Reserve called him to serve in Army Counterintelligence in Korea. After this he worked for United Shoe Machinery Corp. as foreign counsel, then as vice president and general counsel. He subsequently joined Honeywell as vice president, general counsel, and secretary, retiring as senior vice president of legal affairs.

Bob was director of the World Affairs Council and of the Princeton Alumni Association of New England. He was a member of the board of governors of the Pan American Society of New England, the Legal Affairs Committee of the International Center of New England, the Colonial Church of Edina, and the Minneapolis Club, the Minikahda Club, Fox and Hounds Club, and the Skylight Club.

He was predeceased by brother Arthur '42. He is survived by his nephew Wynfield Maynard and nieces Andrea Cassel, Barbara Campbell, Katherine Knight, Joanne Erwin, and Alison Baetzel.

THE CLASS OF 1948



Louis G. Bachrach '48 Lou was born Sept. 26, 1926, in Pittsburgh, Pa. He grew up in Pittsburgh, Miami, and Huntington, W.Va.

He entered Princeton after Army Air Force service in Germany. At college he rowed crew, belonged to Terrace Club, and majored in political science in the School of Public and International Affairs. As an alum he was active in local school committees, interviewing and advising prospective Princeton students.

He had a successful business career in furniture sales, winning awards. After moving to San Mateo, Calif., he organized and ran his own refurbished-furniture business. After retirement to Santa Fe, N.M., he volunteered with SCORE. He also selected and recruited prominent speakers for a community publicaffairs program series.

Lou died June 3, 2015, in Berkeley, Calif., of cancer. He was 88. He is survived by his wife, Sarah; and three children, Jasmine, Adam, and Jonathan.



Robert R. Lynn '48 *50 Bob was born Oct. 26, 1926, in Charleston, W.Va. He died May 27, 2017, in Colleyville, Texas. He was 91.

He earned a bachelor's and a master's degree in engineering at Princeton, and later completed the senior executive program at MIT.

He began his technical and business career in 1950 at Bell Aircraft in Buffalo, N.Y., moving the next year to the company's thennew division in Fort Worth, Texas. He soon advanced into senior management as chief of research and development, director of test and evaluation, and director of design for Bell Aircraft helicopters and other aircraft.

Bob served and worked with numerous American and European organizations including NASA, the Army, and NATO. He received numerous honors and awards in engineering, design, and management. He held many patents and authored more than 40 technical publications.

Bob is survived by his wife, Patsy; three children; three stepchildren; 12 grandchildren; and nine great-grandchildren.



Joseph L. O'Brien '48 Joe died Sept. 14, 2017, in Williamsburg, Va. He was 90. Joe was a neurologist with

a career in private practice and teaching at the Neurological Institute of Columbia University until his retirement. Born June 7, 1927, in Paterson, N.J., he attended St. Peter's Prep in Jersey City, and in 1944 entered Princeton via the Navy V-12 program. He was a member of Prospect Club, rowed on the lightweight crew, and by 1946 had completed pre-med requirements. He then entered Cornell Medical College.

After interning at Roosevelt Hospital in New York City, he was on active Navy duty from 1952 to 1954, and then joined the Neurological Institute. He served on the faculty there from 1962 until retiring in 1997.

Joe was predeceased by his wife, Ann Louise, in 2005. He is survived by children Anne, Joseph, and Bevin; and grandchildren Dominic and Marie Trennert.



Edward V. Reichenbacher

'48 Ed was born in April 1926. He died Nov. 25, 2016, in Jensen Beach, Fla.

Before college he had served briefly in the Navy

amphibious forces. In college he played varsity baseball and club hockey and majored in electrical engineering.

Ed's main career was with New Jersey Bell Telephone, from which he retired as a division manager in 1985. He then set up an engineering consulting practice and re-retired in 1993. He and his wife, Gloria Ann, spent time both in Morristown, N.J., and in Florida, then settled finally in Jensen Beach. The Reichenbachers had traveled abroad regularly and extensively.

In our 50th-reunion book are listed three Reichenbacher sons, Jeffery, Brett, and Scott, and one grandson, Brendon, who was born in 1986.

THE CLASS OF 1949



H. Franklin Hunsucker Jr. '49 Frank died Aug. 1, 2017, in High Point, N.C., the town where he was born and lived for his entire life. Frank graduated from

Woodberry Forest School, spent two and a half years in the Air Force, then came to Princeton in 1945. He majored in economics and belonged to Cap and Gown. Undergraduate activities included the golf team, Varsity Club, Triangle, and the 21 Club. After graduation, he joined the family firm of Highland Yarn Mills, which had been founded by his father. He spent his entire career with the firm, retiring as president.

Frank was very active in the High Point community, serving as a board member of several banks, and was a member of the YMCA, Rotary Club, the Methodist Church, and several golf clubs. He enjoyed hunting, flyfishing, and collecting antique decoys.

Frank was predeceased by his son, Frank III. He is survived by children Betsy and Anne; five grandchildren; five great-grandchildren; and his companion, Inge Van Loan. To them all, we extend our deep condolences.

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THE CLASS OF 1950



Joseph N. Green '50 Joe died July 20, 2017, of complications from a fall. He will be remembered for his service to our class as host of our 1993 mini-reunion in

Cincinnati and as treasurer for 15 years.

Coming to Princeton from Exeter, he swam on the varsity swimming team, played JV lacrosse, participated in Orange Key, and belonged to Tiger Inn. He majored in English.

His early business career included working for Procter & Gamble, pursuing some personal ventures, and marketing with the Drackett Co., a Bristol-Myers division. In 1980, he entered a partnership that acquired two small businesses, one that manufactured industrial textiles and one that made kennels. This partnership, which he found more rewarding than his corporate experience, lasted for almost 25 years.

In Glendale, Ohio, where he had lived since 1950, he enjoyed tennis and paddle tennis, acted in and directed numerous theatrical productions, and was an avid gardener. He enjoyed worldwide travel but always looked forward to Canadian summertime at his family place on Georgian Bay.

His first marriage ended in divorce. His second wife, Jeanne, predeceased him. He is survived by his four children, Charles, Matthew, Macie '73, and James '75; four grandchildren; and five great-grandchildren.



James F. Marks '50

Jim died Oct. 2, 2017, in Dallas, Texas, after a decade of neurological complications. Jim graduated from Allderdice High School in

Pittsburgh, Pa. At Princeton he majored in chemistry, receiving highest honors with election to Phi Beta Kappa. He went on to Harvard Medical School, where he earned a medical degree in 1954. After completing his internship and residency in Pittsburgh hospitals, he served as a captain in the Army Medical Corps at Fort Sam Houston in Dallas, from 1957 to 1959.

Following his Army stint, Jim moved into academia, where most of his career was at the University of Texas Southwestern Medical Center. There he was associate professor of pediatrics and clinical professor of internal medicine. His legacy is reflected by the thousands of physicians he trained through lectures and research.

Jim is survived by his wife, Susan, and son Roland.

George Carey Matthiessen '50

Carey died May 15, 2017, in his home in Chester, Conn.

He graduated from Hotchkiss. At Princeton he played tennis his freshman year, then rugby



for the next three. A member of Ivy, he majored in English and graduated in 1951.

After receiving his commission from the Navy's OCS at Newport, R.I., in March

1952, he married Ornsby "Cis" Hanes. His three years of service included oceanographic research aboard the USS *San Pablo* and at the Underwater Sound Laboratory in New London, Conn. Leaving the Navy, he entered Harvard Graduate School, where he earned a Ph.D. in marine biology.

Following a variety of jobs, he formed the Marine Research Co. in Falmouth, Mass., in 1970. He later became a partner in the Cotuit Oyster Co. and founded Ocean Pond Corp., a commercial seed oyster operation.

He and Cis traveled to many countries, often to do research on oysters, much of which appeared in his 2001 book, *Oyster Culture*. He was a conservationist who extensively studied the effects of environmental degradation on marine species.

Carey loved birding, boating, fishing, skiing, tennis, literature, and politics.

He is survived by Cis; four daughters, Martina, Connie, Hope, and Betsy; son John; 12 grandchildren; and three great-grandchildren.

THE CLASS OF 1951 Daniel Hugh Jamieson '51

Dan was born April 14, 1928, in Toledo, Ohio, to Burton and Irma Jamieson. He attended Scott High School in Toledo.

Dan left Princeton after our sophomore year and graduated from the University of Toledo in 1951 with a bachelor's degree in business administration.

In 1950 he and Marian Wieting were married. Dan was president of Jamiesons' Inc. a retail music store in Toledo, and was co-founder with his brother Dick of Jamiesons' HiFi, today Jamiesons' Audio Video, in 1954. He loved music, from Beethoven to the Beatles, and was an avid music collector.

After four years of retirement, he became the librarian of the Leland Township Library, a job he held for 18 years.

Dan died March 1, 2017, at the Munson Hospice House in Traverse City, Mich. He was predeceased by Marian, son Todd, and brothers Burton, George, David, and Richard. Dan is survived by children Daniel Jr. '74, David, Andrew, Marian, and Burton; 14 grandchildren including Katherine Jamieson '00 and Molly Eberhardt '08; and nine great-grandchildren.

Contributions in his memory to the Munson Health Care Foundation (Hospice), 1105 Sixth St. Traverse City, MI 49684 would be appreciated.

Harry Burchell Mathews '51

Harry was born Feb. 14, 1930, in New York City, to Edward and Mary Burchell Mathews. His mother was for many years a patron of the Metropolitan Opera, the Metropolitan Museum of Art, and the Museum of Modern Art.

He attended St. Bernard's School and Groton, dropped out of Princeton in his sophomore year, and graduated from Harvard in 1952.

He and Niki de Saint Phalle — sculptor, film director, and mother of his children — were married in 1950. Two years later they moved to Paris. They were divorced in 1960, and in 1976, he met and later married the French writer Marie Chaix.

In recent years they divided their time between France and Key West. Harry was a distinctive novelist, poet, essayist, translator, and educator. He was a founding director of Shakespeare & Company in Lenox, Mass., and for more than 50 years a contributor to *The Paris Review*.

For decades Harry was the sole American member of Oulipo, the French literary salon where authors and mathematicians practice what they term "constrained writing."

Harry died Jan. 25, 2017, in Key West. He is survived by his wife, Marie Chaix; daughter Laura Duke Condominas; son Philip; and their families.



John Tenney Mead '51

John was born July 6, 1928, in Evanston, Ill., to Sumner and Ruth Appeldoorn Mead. His father was in the Class of 1914. He grew up and also raised his

own family in Barrington, Ill.

John prepared at Phillips Andover Academy. At Princeton he majored in economics, belonged to Cap and Gown, and roomed with Win Allegaert, James Mead, and George Shaver.

He earned a law degree from the University of Chicago Law School and practiced in Chicago, northern Illinois, and Florida.

John had deep family ties to Martha's Vineyard and was a lifelong summer resident, moving there permanently in 1994 when he retired. His father had family roots on the island going back several generations. His mother was a noted painter and a founder of the Martha's Vineyard Art Association. His marriages to Patricia Reeve Mead and Jacqueline Mead ended in divorce.

As a young man, John was an accomplished sailor in Edgartown, Mass., and Chicago, where he regularly participated in the Chicago to Mackinac race. He also relished fishing and hunting.

John was predeceased by brothers Sumner and Peter Mead. He died Feb. 3, 2017, in Martha's Vineyard. John is survived by daughters Amy Mead and Emily Mead-Santos and two granddaughters.

THE CLASS OF 1952



Gerald E. Bentley Jr. '52 Jerry graduated *cum laude* from Lawrenceville, a good beginning for a life of scholarship. At Princeton he

majored in English and ate at Cloister. He rowed crew and ran track, and was the *Nassau Sovereign* ad manager. He joined the Society of Agnostics, Theosophists and Atheists as well as the Liberal Union. He roomed with John Graham.

After Princeton he earned degrees at Merton College, Oxford, a bachelor of letters in 1954 and Ph.D. in 1956. In 1985 he was awarded a doctorate of letters. The chief focus of his study and writing (30 books) and articles in such publications as *The Times Literary Supplement* was William Blake. He and his wife, Elizabeth Budd, collected books on Blake and gave their remarkable collection to the University of Toronto in 2007.

Jerry taught at the University of Chicago for four years, then went to the University of Toronto for the rest of his career, but was a visiting professor at a great number of universities, including Princeton; institutions in Algeria, India, and Australia; and The Bellagio Center of the Rockefeller Foundation in Lake Como, Italy. In 1985 he was elected to the Royal Society of Canada.

Jerry died Aug. 31, 2017. He is survived by his daughters, Sarah '80 and Julia '81. To them the class sends its sympathy, along with much respect for Jerry's life of scholarly accomplishment.



H. Pharr Brightman '52 Harry graduated from the Randolph-Macon Academy before joining us. At Princeton he was on the freshman

Orange Key committee and played varsity baseball for four years, pitching three no-hitters. He joined Cottage, majored in psychology, and was a member of the Washington Club. His roommates were Dan

Duffield, Bill Ewart, and Geoff Tickner. He went on to serve in the Navy in Japan, an experience he recalled and savored in his remarks for *The Book of Our History*. His career in business was spent in various roles for his family's The Brightman Co. in St. Louis. He was president of the Princeton Club of St. Louis and served on boards of Whitfield School and Repertory Theatre of St. Louis. He and his family spent good times in Sanibel, Fla., and at Mount Hope Farm in Rhode Island.

Harry died Nov. 13, 2017, leaving his wife, Virginie "Gege" Haffenreffer; daughters Allison and Carolyn; and sister Lois Jackson. His son Peter died earlier. The class offers sympathy to his family and appreciation for his Navy service to our country.



Irvin Cohen Jr. '52 Irv came to us from

Lawrenceville. At Princeton he joined Elm, was an announcer on WPRU, and roomed with Cliff Barr. He majored in

history, was elected to Phi Beta Kappa, and graduated *magna cum laude*.

He much liked his Army service in counterintelligence in Germany after the Army Language School taught him German. In our 50th-reunion book he reported that his days in the Army were his happiest after those spent with his family.

Irv went on to earn master's and doctoral degrees in clinical psychology at Columbia Teachers College. He worked in private practice in Portland, Maine, until retiring after service as president of the Maine Psychological Association as well as on the Psychology Board of Examiners. Devoted to running and other sports, he enjoyed playing the jazz piano and offering puns.

Irv died Oct. 31, 2017. He is survived by his wife, Jacki; and children Jim '87 and Halley. The class sends condolences to them all and thanks for Irv's cheerful Army service for our country.

Geoff Nunes '52



We have lost one of our best. Geoff came from New Rochelle High School, enrolled at SPIA, and joined Tiger. His dad was Kenneth Nunes 1921. He played

football, rugby, and wrestled. He joined the Right Wing Club and the Rugby Club, was Tiger's social chairman, and was on the Club House Committee. Geoff roomed with John McGillicuddy, Russ McNeil, Stan Cairns, Ed Burka, Al Benjamin, and George Tangen.

He served two years in the Navy and then went to Harvard Law School, graduating in 1957. His first two jobs were with New York firms, Breed Abbott and Shea & Gould. He then joined Lenox Inc. and in 1976 went to Millipore Corp. as vice president and general counsel.

Geoff served on a number of boards, including Reebok; and a flock of nonprofits, with special commitment to the Actors' Shakespeare Project. He served for many years as a major presence on the class executive committee, where classmates came to know also his wonderful wife, Clare *79.

Geoff died Sept. 10, 2017. He is survived by Clare and his children Geoffrey Jr., Jake '83, and Maggie '85, as well as a great number of friends in the class.

THE CLASS OF 1953

Francis Michael Donohue Jr. '53 Mike was born in New York City and came to Princeton from the Brooks Academy in North Andover, Mass. He majored in economics and

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wrote his senior thesis on the "Bond Support Program of the Federal Government during World War II." He was on the squash team and a member of Ivy Club.

After graduation, Mike joined the Marines and served in Japan and Korea as a first lieutenant. Leaving the Marines, Mike put his education to use by going to work as a stockbroker with Laird, Bissell, and Meeds and successor firms Dean Witter & Co. and Morgan Stanley. He ended his career with the Delaware office of Ziv Investment Co.

Mike married Audrey Furber in 1956 and they settled in Kennett Square, Pa., but enjoyed travel, especially to New Zealand. Mike continued to be an avid squash player and won the Delaware State Men's Doubles Championship four times. He also enjoyed golf and duck hunting.

Mike died Oct. 24, 2017, at home in Greenville, Del. His eldest daughter, Cornelia, preceded him in death, but he is survived by his wife, their son, and other daughter; and by five grandchildren.



John Keith Maitland '53

Jack was born in Hershey, Pa., and came to Princeton from Hershey High School. He majored in history, was a member of Quadrangle Club,

and was associate managing editor of *The Daily Princetonian* and vice chairman of the Campus Fund Drive.

After graduation Jack spent a year in the family poultry business and then two years in the Army, mostly in Indiana. Another year in the family poultry business convinced him that his true interests lay elsewhere and he entered a training program at Mellon Bank that led to a 30-year career with that institution.

Travel was always a major interest, and after his retirement Jack and his partner traveled the world, from New Zealand to Machu Picchu and from the Dalmatian Coast to the Galapagos Islands.

Jack died Sept. 6, 2017, at Passavant Hospice. He is survived by Jim Thompson, his partner of 16 years.

William McElwee Miller



Jr. '53 Bill was born in Iran to missionary parents, graduated from Choate, and then spent six years of active duty in the Naval Air Force.

He came to Princeton after spending time at the University of Pennsylvania and Ursinus College while serving with the Naval V-12 units. He majored in history and was a member of Quadrangle Club.

Bill expected to go on to seminary and

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PRINCETONIANS / MEMORIALS

become a foreign missionary, but it didn't work out that way. He graduated from Biblical Seminary in New York and spent four years working with foreign students in the New York area on the staff of the Inter-Varsity Christian Fellowship before going on a 20-month research tour of 40 countries and returning to spend three years earning a master's degree in theology at Princeton Seminary.

In mid-1966, however, Bill was invited to join the board of Aereon Corp., a company seeking to advance the development of airship design, and a year later he was elected president of the corporation. Aereon Corp. had a vision of next-generation, lighter-thanair, hybrid airships to be used in a variety of ways, including surveillance and transport. Classmate John McPhee chronicled this work in a *New Yorker* article and a book titled *The Deltoid Pumpkin Seed*.

The Aereon 26 proved its aerodynamic feasibility in manned-test flights in 1971, but a risk-averse government staff never provided the funds for research and development and the patents expired. In recognition of his pioneering work, Bill was inducted into the Aviation Hall of Fame of New Jersey in 2016.

He was continuing to work on related projects when he died Sept. 27, 2017, in Princeton.



Lyman A. Myers '53

Lyman died Oct. 8, 2017, in Vinita, Okla. He was born in Newport, R.I., and came to Princeton

from Deerfield Academy, but left Princeton after his freshman year to join the Navy. After serving in the Navy, stationed at Yokosuka, Japan, Lyman earned a bachelor of science degree at California Polytechnic State University.

He married Erlita Lundquist and they bought a ranch near White Oak, Okla., and moved to Vinita in 1974. Lyman worked in the licensing department of the Oklahoma State Department of Health until he retired. He raised Angus and Polled Hereford cattle and was active in the Palomino Horse Association.

He is survived by his wife, their two sons, and a daughter.



Richard Eli Strassner '53 Richard died Oct. 13, 2017, in St. Louis, Mo., where he was born.

He came to Princeton from the John Burroughs School and

majored in history in the American Civilization Program. He was a member of Cannon Club. He served in the Army Counterintelligence Corps for three years after graduating.

He was a senior executive for Famous-Barr Stores, Stix, Baer & Fuller, Edison Brothers, and Worth Stores. He later co-owned the Strassner Co.

In retirement Richard served as a volunteer counselor for the State of Missouri in its Medicare and Medicaid program. He also taught senior citizens to use computers in the State Aged Services Academy, played squash (doubles only), and vacationed in Maine in the summer and Florida in the winter.

He is survived by his wife of 63 years, Molly Stark Strassner; three children; and six grandchildren.



Parker Thompson '53 When Parker died Nov. 3, 2017, the *Miami Herald* headline read, "Parker Thompson, defender of the First Amendment, dies at 85."

Parker and his partner, Dan Paul, represented the *Miami Herald, The New York Times*, AT&T, and Bank of America and argued three cases before the United States Supreme Court. They obtained a ruling that a Florida law requiring newspapers to give equal time on their editorial pages to political candidates was unconstitutional.

Parker did *pro bono* work for such groups as the League of Women Voters, the Audubon Center, and the Miccosukee tribe. He spearheaded a drive to create the \$300 million Adrienne Arsht Center for the Performing Arts in Miami, which opened in 2006 and has grown into one of the country's leading communitydriven performing-arts centers.

Parker also worked with his daughter, Meg Daly, to transform the land below Miami's Metrorail into a 10-mile neighborhood park, urban trail, and arts space. Disgusted with Miami's polarizing politics, Parker brought the Republican and Democratic party chairmen together to formulate a statement of faircampaign practices.

Parker was born in Troy, N.Y., and came to Princeton from the Albany Academy. He joined Key and Seal, majored in the Woodrow Wilson School, and wrote his senior thesis on "U.S. Foreign Policy and the Schuman Plan."

He is survived by his wife, Vann; their four children; nine grandchildren; and one greatgrandchild.

THE CLASS OF 1954

Frederic T.C. Brewer IV '54 Fred died Oct. 3, 2017. He graduated from Newark Academy in Livingston, N.J., where he excelled in academics and football. His curiosity

for learning how things work, particularly electronic things, began early (he built a television set and a Geiger counter in his teens) and continued at Princeton, where he majored in electrical engineering. He was a member of Cloister Inn. With his entrepreneurial talent, Fred persuaded the owner of the Princeton Music Center in Palmer Square to let him repair radios and phonographs in the basement. By the end of his junior year, he owned the store and began to sell high-fidelity equipment and install it in homes.

After graduation, Fred was commissioned in the Navy, earned his wings, and served as a flight instructor at Pensacola, where he met his wife, Mary. After service, he enjoyed a successful career with his forward-thinking and innovative ideas. He revolutionized more than a few industries, and owned several radio stations in the Pensacola area.

Fred was predeceased by his wife. He is survived by four children, 10 grandchildren, and three great-grandchildren. The class sends condolences and honors his service.

THE CLASS OF 1955

John Brightman '55 John was born Dec. 31, 1932, in Washington,

D.C., to Ethel Pharr and Harry Prentiss Brightman. He died Oct. 2, 2017.

The brother of Harry, one of Princeton's best pitchers ever, John played varsity baseball for four years and was a delightful teammate.

Coming from Randolph Macon Academy as the salutatorian of his class, John joined Cottage Club and majored in history. He wrote his thesis on "George Bancroft and The Round Hill School," was a member of Orange Key and the Campus Fund Drive, and played freshman football. He roomed at 64 Blair Hall with Joe Walsh, Mark Grassi, Jeff Dunkirk, and Royce Flippin.

In 1952 his family moved to St. Louis to establish Brightman Distributing Co., which John stayed with until it was sold in 1998. He launched a second career at UMB Bank and retired in 2009.

Passionate about baseball, dogs, films, and philanthropy, John was particularly proud of his work in founding and sustaining City Academy in St. Louis. He cherished his time with family and friends during summer vacations in Harbor Beach, Mich.

John is survived by his wife, Ann; daughters Tracy, Amy, and Virginia; son Russell; stepson Terry Pflager; and sister Lois Jackson.



Mihailo Voukitchevitch

'55 The Class of 1955's "Humble Prince" was born March 28, 1933, in Geneva, Switzerland, where his father was a founder of the League

of Nations.

He was the son of Nadia von Krauskoph de Uthemann, heiress of Trigolnik and Prince Vladia Dragutin Voukitchevitch. He was married to Dr. Cynthia Marie Victoria; father to Tatiana, Nadia, Alexandra, George Mihailo, and Franz Theodore; grandfather to Cynthia, Anthony, Charles, Geovani, Syriana, and Vera Victoria Michaela; and artistic director of the Goya Art Gallery in New York City.

Peter Wodtke was best man at his wedding at St. Patrick's Cathedral on Fifth Avenue in New York City and the Russian Orthodox Church on Madison Avenue.

King Peter of Serbia bestowed the title of prince to the head of the Voukitchevich family, Zare, for meritorious service as adviser and right hand in matters of government and international policies. The title was handed down to Mickey's father, Vladia, and inherited by Mickey when his father died.

Mickey was captain of a polo team and won equestrian trophies. An accomplished sailor, he was a successful publishing executive who taught sailing, fencing, riflery, European history, English, and French in various American schools and universities. He is also remembered for his books on literature and his collection of poetry, written at Princeton.

He was interred Aug. 19, 2017, in the Pacific Ocean off the coast of Los Angeles County.

THE CLASS OF 1957

Frederick Borsch '57



The Rev. Frederick Borsch died April 11, 2017, at his home in Philadelphia of a blood cancer. Fred came to Princeton from

Hinsdale, Ill. At Princeton, Fred was student director of the Princeton Summer Camp and president of our sophomore class,

during which time he ameliorated the Bicker process. He later earned advanced degrees from Oxford and Birmingham universities. He was a prolific writer of books, mostly academic theology, but also fiction and poetry. Fred's theology was subtle and sophisticated. His humor was quiet and ironic. He served our class and the world with amazing grace.

"He became the most impressive member of our class," a classmate said of Fred. "He was like the prophets of old, a prophesier of social justice." Fred spent most of his calling as a priest in academia, serving as dean of the Episcopal seminary in Berkeley, Calif., from 1973 to 1981. From 1982 to 1988, Fred was dean of the Chapel at Princeton and professor of religion. He later served as a University trustee.

Perhaps the most central of his calls, from 1988 to 2002, was as bishop of the six-county Episcopal diocese of Los Angeles. He brought the diocese through a perfect storm of civil disturbance in Los Angeles combined with ecclesiastical unrest threatening to rend the Episcopal Church. He was highly respected in the House of Bishops and the Anglican Communion. After his supposed retirement, he went on to serve as interim dean of the Episcopal part of the Yale Divinity School and then taught at the Lutheran School of Divinity until he became ill. The class sends its condolences to his wife of 56 years, Barbara; and sons Benjamin '84, Matthew, and Stuart.



Leighton B. Ford '57

Lee came to Princeton from Episcopal Academy in suburban Philadelphia. At Princeton he majored in psychology and joined

Cannon Club. His senior-year roommates were Nate Bachman, Bill Danforth, Frank Ittel, Bob Knisley, Bob Mack, Ron Nelson, and Bill Yohn. Lee won two varsity baseball letters as a pitcher.

Lee married Dottie Masteller in April 1958. Tall and handsome and blond and artistic, Lee and Dottie were a stunning couple. They settled on the Philadelphia Main Line, where he worked primarily in the family business. Lee loved golf and was a superior golfer. He had played gold at Aronimink Golf Club in Newtown Square, Pa., since he was 12. He became club champion in Pine Valley, N.J. Lee retired early to Stuart, Fla., and spent 23 years there.

Lee died Aug. 6, 2017, of complications from Alzheimer's at age 82. Lee is survived by Dottie; daughter Kim and her husband, David; son Keith and his wife, Kim; and five grandchildren. We offer condolences.

Robert Bruce McCrea '57

Bob was born in Minneapolis, Minn.

At Princeton, Bob pursued studies in engineering and philosophy and graduated

in 1957 with a degree in economics. He enjoyed seeing Broadway plays in New York City, was president of the Princeton Flying Club, and was able to attend some of Albert Einstein's lectures.

To further pursue his love of flying, Bob enlisted in the Marines during his senior year of college. During his duty years, he was stationed in Iwakuni, Japan, flying transport missions in Japan, Thailand, Cambodia, Vietnam, Taiwan, the Philippines, and Hong Kong. He completed 20 years of service and retired in April 1977 with the rank of lieutenant colonel.

Bob's civilian career began at Munsingwear in 1962, but by 1966, he returned to his love of flying by accepting a position with World Airways, training to fly Boeing 727s. The company declared bankruptcy before he completed his training. Bob's career included sales of Jet Commander aircraft and financial management positions with T.G. Evenson, Dain, Kalman & Quail, Dain Bosworth, sales of partnerships at Dyco Petroleum, and in his later years, work as an investment adviser. He was a chartered financial analyst and earned an MBA from the University of Minnesota. After caring for his wife, Marianna, during her battle with cancer and after an emergency surgery and hospitalization, Bob moved to the Diamondcrest Senior Living facility in Rogers, Minn. He died July 4, 2016.

Bob was preceded in death by his loving wife of 52 years.

THE CLASS OF 1958

Robert McAlister '58

Bob died Aug. 31, 2017, in Kenmore, Wash., from a brain disease.

He was a graduate of Lincoln High School in Seattle. At Princeton, he majored in German and his roommates were Arnie Mytelka and Ed Zipser. Bob left after his junior year to attend the University of Washington Medical School.

From 1962 to 1964 he did research on viral diseases in the Arctic with the U.S. Public Health Services. For the next 38 years, Bob was involved in clinical medicine at Group Health, much of the time in administrative positions as well as serving as medical director. Most of his clinical career was as an emergency physician. For more than 20 years he would spend a month or two as a ship's physician with the Holland-America and Windstar Lines.

Bob had many interests outside of medicine. He earned a law degree from the University of Washington; he was a voluntary member of the local sky patrol; and for more than 10 years he was an active and most admired Boy Scout leader.

Bob is survived by his wife of 58 years, Berit; sons Eric, Ian, and Colin; and four grandchildren. The class extends its condolences to them all.



George Stephens Nicoll

'58 Steve died June 28, 2017, in Bozeman, Mont., of natural causes.

He joined our class from Dover High School in New

Jersey. At Princeton, Steve majored in biology and was a member of Cannon Club. His senioryear roommates were Peter Faber, Charley Given, Bob Hamor, Jim Mottley, Ted Parsons, Willie Patton, and Bob Wales.

Following graduation, Steve married Marion Sternberg in June 1958. He was a graduate of Jefferson Medical College in Philadelphia and completed a four-year general residency at the same hospital. Steve spent a year in a M.A.S.H. unit in Korea, which was an hour north of Seoul and an hour south of the DMZ.

From 1982 until he retired he was chief of the division of general surgery and vice president of staff at Underwood Hospital in Woodbury, N.J. Steve was chosen to be a fellow of the American College of Surgeons (FACS).

Steve was a fanatical tennis player and played competitively up until just a few years ago. He was also an avid fly fisherman and

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made numerous trips to Alaska and South and Central America.

Steve is survived by Marion, his former wife; and by his sons, Steve and Jeff. To all, the class extends its sympathy.

THE CLASS OF 1960



John Hobson Grummon '60 John famously had a smile and a good word for everyone. He acquired his distinctive nickname, "Finn," by being born in Finland, where his

Father, Edgar '23, served in the Foreign Service. The family later settled in Redding, Conn. Finn attended Oakwood Friends School in Poughkeepsie, N.Y.

His lifelong love of competitive athletics started at Princeton. He participated in lightweight crew, soccer, and 150-pound football. He dined at Ivy and resided with a clan of nine roommates in 10 Holder: Callery, Cartier, Durkin, Horton, Lippincott, McDowell, Mellon, Morrow, and Brint Roberts.

After majoring in economics, John commenced his career in banking with Morgan Guaranty Trust, and moved on to Clark Dodge in securities, and ultimately to a satisfying career in investment management in Boston. Family connections drew him to Mattapoisett, on Buzzards Bay, Mass., from his very early years. In time he settled there, enjoying active sports, gardening, and golf in more recent years.

He shared his love of Mattapoisett with his second wife, Elizabeth Chapin; his two children; her two children; and four grandchildren; all of whom survive him. Finn died there Sept. 12, 2017, of complications of Alzheimer's disease.

James G. Hirsch '60



and especially sailed, his passion then and for the rest of his life. Jim was Army ROTC as an undergraduate, which led him to nine postgraduate years in the Army Reserves and the rank of captain. He joined Tower and majored in English, then went on to the University of Pennsylvania Law School.

After several years as a trial lawyer, Jim went into the venture-capital and investment field, ultimately serving for 28 years in law for IDS Corp., a subsidiary of American Express. He earned an MBA from the University of Minnesota in 1980. As a loyal Princeton alum, he served as president of the Alumni Association of the Northwest and renewed relationships with many classmates in recent years.

In addition to sailing, Jim became an avid distance hiker. After an initial walk with

friends across England in 2000, he went on to hike through most of the countries of Western Europe and threw in a climb of Mount Kilimanjaro for good measure.

He is survived by his wife, Debra; three children; and a granddaughter.

THE CLASS OF 1961



Robert Wayne Barrowclough '61 Bob died March 19, 2017.

Born in Paterson, N.J., and raised in nearby Hawthorne, Bob came to us from

Hawthorne High School. At Princeton he majored in religion, was business manager of the *Bric-A-Brac*, played IAA sports, was in the Westminster Foundation, and ate at Terrace. Senior year he roomed with Tony Dill.

After Princeton Bob earned a master of divinity degree at the New Brunswick Theological Seminary, served a mission with the Jicarilla Apache tribe in New Mexico, and then embarked on a 40-year career at the North Reformed Church in Newark. He retired as senior pastor, but only briefly. He then served as pastor at Cedar Crest Chapel in Pompton Plains, N.J., until 2015. His obituary read, "Bob's joy in life was helping and comforting others. He was humble, sincere, and dedicated to God's work."

Bob is survived by his wife of 34 years, Priscilla; daughter Naomi; son Peter; and two sisters, one of who was married to the late Keith Brodie '61.



István Steven Csejtey '61

Steven died June 11, 2017, in Medford, Mass., at the age of 80. Born in Budapest, Hungary, Steven fled to the United

States following the Hungarian revolution of 1956 and subsequent Soviet invasion. He was accepted to Princeton on full

scholarship, where he majored in architecture and joined Elm Club.

After Princeton Steven earned a graduate degree in architecture at the University of California, Berkeley. He initially specialized in skyscrapers, working on buildings including the Transamerica Pyramid and Bank of America building in San Francisco. Later, he opened a successful practice in residential architecture. His vision and ingenuity won him a devoted clientele and were manifest in the house he designed and built for his family in South Pasadena, Calif.

Steven's interests included a love of history and politics. Above all, he was a devoted husband, father, and grandfather. In 2002, he and his wife set aside their life in California and began anew in Medford, Mass., to be near their daughters and grandchildren.

He is survived by his wife of 49 years, Katalin; daughters Rita Csejtey and Andrea Csejtey Olland '94; sons-in-law Paul Gazzerro '92 and Stéphane Olland; five grandchildren; sister Judit; and extended family.



Richard Townsend Henshaw III '61 Dick died July 3, 2017, at his home in Waccabuc, N.Y., after a long struggle with pancreatic cancer.

Born in New York City, he came to us from Saint Mark's School. At Princeton he majored in classics, played club hockey, was in ROTC, and took his meals at Tower. His senior-year roommates were Rick Johnson and Bob Lebhar.

After a tour in the Army, emerging as a captain and staying in the Reserves until 1972, he earned an MBA at New York University and then spent 26 years with Irving Trust Co. and Bank of New York as senior vice president and manager of the commercial banking division. In 1992 he joined Charterhouse Group International as a principal, eventually retiring from that position to enjoy his interests in music, art history, and travel. He was a longtime member of the Waccabuc Country Club.

Dick is survived by his wife of 53 years, Helen; sons Richard IV and Douglas and their wives; and five grandchildren.

THE CLASS OF 1962



Ed Doughty '62 Ed died Sept. 17, 2017. He was buried in Pleasantville, N.J., near his hometown of Linwood. Ed said it well in our 50th-

reunion book: "Life has been good since we graduated." He came to us from Atlantic City High School, where he was president of his senior class. At Princeton, Ed roomed with a number of classmates including Don DeBrier, Whit Azoy, Bailey Silleck, and others. A member of Dial Lodge, Ed majored in politics, graduating *cum laude*. He then served the Navy as an officer aboard a destroyer escort from 1963 to 1966, and with the Beach Jumpers his last year on active duty.

Ed served as president of the honor board at Villanova and graduated from law school there in 1969. He practiced successfully for 31 years as trial lawyer, primarily as a partner in the firm of Subranni and Doughty in Atlantic City. He retired in 2000.

Ed married Jane in 1977 after his first marriage ended in divorce. He is survived by Jane; the children from his first marriage, twin daughters Susan and Christine, and his son Edward. The members of Ed's class join in offering their condolences to them and other family members.

Russell E. Watson III '62

Russ died Aug. 30, 2017, at home in Irvington, N.Y. He was 77 years old.

MEMORIALS / PRINCETONIANS



He prepared for Princeton at The Hill School in Pennsylvania and the Shrewsbury School in England. He majored in history and was elected to Phi Beta Kappa. He was a member of

Charter Club and the varsity track team.

After starting his career at the *Wall* Street Journal, Russ moved to Newsweek, where he served as foreign editor, chief of correspondents, and senior writer during his 30-year career. He covered Watergate, the Tiananmen Square massacre, and several Middle East conflicts. He was one of the first journalists to visit China after it opened to the Western press.

In Irvington, he was a longtime parishioner at the Church of St. Barnabas and served as a member of the board, and a term as chair, of Phelps Hospital for more than 30 years. He was an avid photographer and bird watcher.

The class offers its condolences to his wife of 50 years, Susan; to his daughter, Sarah, and her husband, Brian; to grandchildren Katie, Schuyler, and Ella Gardner; to his daughter, Jane, and her husband, Shedd; and grandchildren Annie, Abby, and Will Glassmeyer.

THE CLASS OF 1963



Russell H. Carpenter Jr. '63 Russ died Sept. 14, 2017, two weeks after a diagnosis of pancreatic cancer. He was our salutatorian, a Rhodes scholar, and senior counsel in the

Washington firm Covington & Burling.

Born in Providence, R.I., he attended Moses Brown School, where he was a long-standing trustee and in 2014 made the school's largest gift ever to its endowment. At Princeton he was in the Woodrow Wilson School, Glee Club, president of the French Club, Whig-Clio, and secretary of Cloister Inn. His roommates included Brogan and Cline. His 1963 salutatory address bemoaned the absence of women and *raedas automatarias* (cars); armed with translation we booed on cue.

After graduation Russ earned degrees at Oxford and Yale Law School, wrote speeches for presidential candidate Ed Muskie, then joined a D.C. firm, where he had an international practice ("in fluent French and clumsy Russian") and litigated antitrust, landgrant law, and toxic-health liabilities. He also did lots of *pro bono* work and pushed for human rights. His career, he wrote in our 50th-reunion book, kept him "intellectually alive, constantly getting on top of new areas, never bogging down in repetitive work, and never bored or ready to retire."

Broadly admired, he served as class agent and vice president in the 1980s. We share our sadness with his sister, Lee Carpenter-Long, and brother, Thomas.

Charles D. Scudder III '63

Charles died June 3, 2017. He was a businessman in Louisville, Ky., serving for years as chief financial officer and then chairman and CEO of Management Cleaning Controls, which provided cleaning and maintenance services for retail stores, malls, theaters, and supermarkets.

At Princeton he majored in philosophy, wrote his senior thesis on Hegel, and belonged to Cloister Inn, where one classmate remembers him as an avid card player. He had attended Atherton High School in Louisville. His avocations included squash, sailing, and scuba diving.

Charles is survived by his wife, Diane; children Karen and her husband, Doug Owens; Michelle and her husband, Michael McDonald; Stephanie; and Charles IV and his wife, Emily; grandchildren Devon and Baylee McDonald, and Elijah, Isabella, Isaac, and Annelise Owens; sister Sally and her husband, Bob Wolfsberger; and nieces, nephews, and cousins.



Murray S. Scureman Jr. '63 Murray died suddenly Aug. 18, 2017, at home in Potomac, Md. His career spanned computer engineering, government service, and

home remodeling.

He grew up in Wilkes-Barre, Pa., and entered Princeton from Wyoming Seminary with the Class of 1960. After the passing of Murray Sr. 1921, he took a leave to serve three years in the Army, and joined us in 1961. He was an electrical engineer, wrestler, and a member of Quadrangle.

He worked at IBM, earned an MBA from Harvard, and joined Singer Business Machines, where he sold the first point-of-sale computer system to Sears, Roebuck & Co. Next he held high-level jobs in the U.S. Department of Commerce before rising to vice president of federal operations at Amdahl Corp.

While redoing his own home he decided to become a full-time remodeler because a "hidden desire to do this kind of stuff sort of bubbled up," he told CNN for a report on career changes. He ran Denman Development, often wielding tools alongside his crew, from 1998 until he retired in 2017.

Murray's avocation was tennis, which he played almost daily. Friends knew him fondly as gentlemanly, intellectual, and affable. The class shares its sadness with his daughter, Dr. Colleen Scureman Kepner, and two grandchildren.

John R. Towers '63

JT died Oct. 26, 2017, in Venice, Fla., of complications of multiple myeloma. He was a financial executive and loyal pal to many classmates.



Optimistic, direct, and kind, he arrived at Princeton from Manhasset, N.Y., majored in economics, ate at Tiger Inn, wrestled, played 150-pound football, and helped win

three Ivy League lacrosse championships. He roomed with Dreher, Hal Williams, and Frost.

After earning a law degree at the University of Virginia, where he coached freshman lacrosse and wrestling, he was a Navy Seabee in Vietnam for two tours. He then worked in Boston at State Street Bank, Fidelity, US Trust, and Bank of Boston before returning to State Street, where he retired in 2005 as vice chairman and chief administrative officer.

JT never lost his crew cut, his irreverence, or his love of lacrosse, which he played for four decades. He avidly supported charities and was on the boards of the Seabees Foundation and the U.S. Lacrosse Foundation.

The class grieves with JT's wife of more than 50 years, Margaret; their sons, John and Joe; his brother, Tom '59; his sister, Jane Ward; and grandchildren Acacia, Katianna, Kaya, Jack, Brooke, Indigo, Landon, and Sophia. As JT posted on Facebook, "Grandpas are here to help grandchildren get into the mischief that they haven't thought of yet."

THE CLASS OF 1964



Robert C. White '64 *70 Rob White died July 26, 2016, at his home in Petersburg, Va., after a long battle with cancer. He was 73.

Rob was born in Caracas,

Venezuela; lived in Ankara, Turkey; and Barcelona, Spain; and attended secondary school at the Ecole International in Geneva, Switzerland. At Princeton, he majored in civil engineering, minored in architecture, and was active in the French and Spanish clubs. He served as treasurer of the Engineering Council and was a member of Cottage Club. He served as an officer in the Navy and returned to Princeton to earn his MFA degree in 1970.

In 1980, he joined Salomon Smith Barney in New York City as director of facility management and enjoyed working for Salomon worldwide. He married Dianne Borelszo and they had two children, Carey and Craig. Sadly, Dianne died suddenly in 2008. In 2011 he married JoAnn DuBois, a medical social worker in Petersburg, Va., where he had been living for a number of years. With homes also in West Windsor, N.J., and Tortola, Virgin Islands, Rob remained active in Princeton affairs and chaired our 35th reunion in 1999. He enjoyed historicpreservation work and was actively involved as president of the Historic Petersburg Foundation.

He is survived by JoAnn, Carey, and Craig. The class extends its deepest condolences to them all.

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THE CLASS OF 1966

Granville G. Miller III '66

Bob died Dec. 19, 2016.

Bob came to Princeton from Morristown (N.J.) High School, entering with the Class of 1964. He withdrew in 1963 and returned to graduate with our class, majoring in religion and joining Campus Club.

He continued his education after graduation from Princeton, earning a bachelor's degree in accounting from Rutgers, an MBA from Fairleigh Dickinson, and a surgeon-assistant certificate from the University of Alabama.

A resident of Greensboro, N.C., Bob was a gifted inventor, holding 17 patents. He had two careers, first in chemical research and more recently as a physician assistant with Cardiothoracic & Vascular Surgeons of Greensboro. Friends and colleagues knew him as funny, widely read, and always ready for adventure. His hobbies included inventing and painting.

Bob is survived by his wife of 53 years, Sharon Lenore Miller; sons Granville IV and Timothy; and four grandchildren. The class extends its heartfelt condolences to them.



Wilson Chukwunwike Obi '66 *69 Nwike died Aug. 16, 2017, in Abuja, Nigeria. Nwike was born in 1940 in Anambra State, Nigeria. He attended the government

secondary school in Afikpo, Nigeria, and graduated from King's College, Lagos, where he played cricket and soccer and ran track.

At Princeton he majored in aeronautical engineering, belonged to Tower Club and the Pan African Student Organization, ran winter track, and played IAA sports. He roomed with Pete Andrus, Dieter Bloser, Joe Wilson, Bill Price, and Tom McLaughlin in 1938 Hall.

He continued his education after graduating from Princeton, earning a master's degree from Brown University and a Ph.D. in applied mathematics from Stevens Institute of Technology.

Nwike began his career in aeronautical engineering before moving into programming and personal computers. He was a longtime resident of East Orange, N.J.

He is survived by his wife, Chinwe; sons Ogidi (with whom he attended our 50th reunion) and Kamsi; sister Caroline; grandchildren; and nieces and nephews. The class extends its condolences to them all.

Thomas J. Pniewski '66



Tom died Sept. 7, 2017, in New York City, his home for many years.

Born in Baltimore, Tom prepared for Princeton at Calvert Hall College in Towson, Md., where he edited the yearbook and was a member of the debating and rifle teams and the dramatics club.

Tom joined Terrace Club, majored in Romance languages and wrote his senior thesis on the comedies of Moliére. He studied the organ with Carl Weinrich and sang with the Chapel Choir and Princeton Pro Musica.

After graduation Tom studied at the College of Wooster in Ohio before enrolling as a musicology graduate student in Cornell University's College of Arts and Sciences, where he served as a teaching fellow.

Tom dedicated his life to music and music education, focusing primarily on the piano, organ, and harpsichord. He served as a Princeton In Asia tutor in the music department of Hong Kong's Chung Chi College and as a teaching assistant at Hunter College in New York City. He was for many years director of cultural affairs for the Kosciuszko Foundation in New York City.

The class mourns the loss of a friend and a true champion of the arts.

THE CLASS OF 1970



Joseph A. Izzo '70 As you travel throughout New York State, you are experiencing the legacy of Ic

New York State, you are experiencing the legacy of Joe Izzo, who died July 9, 2017, of non-Hodgkin's lymphoma.

A lifelong resident of the state, Joe came to us as a star athlete from Mechanicsville High School. At Princeton, his longtime fascination with civil engineering began, and he then embarked on a career designing and improving the roads and bridges of New York, up to and including his final project, the monumental new Tappan Zee Bridge. Continuing his active work in Princeton engineering, he interviewed candidates and mentored many newly certified female engineers from the school.

Joe was an irrepressibly joyful, giving person. He was everything from rabid sports fan to popular bartender to lay minister who reveled in the opportunity to conduct a wedding. His brave fight with cancer over many years motivated his family, friends, and engineering firm to join the LLS Light the Night Walks to find a cure for blood cancer as "Team Izzo Inspired."

He is survived by his wife, Helene Welch Izzo; his children, Cailin Peek and Aaron Peek; brother Sam Izzo; and sister Lucille Pallotta. Whether in the ongoing fight against cancer, the success of the engineering school, or the majesty of the great new bridge, we remember him each day and smile.

George M. McElroy '70

Our ebullient Irish son of the outer boroughs, Buzz McElroy died of cardiac arrest March 21, 2017. His ashes were scattered in the Pacific Ocean.

He came to Princeton from Bishop Reilly



High School in Queens, where he was a campus leader. Buzz loved any activity that let him interact with lots of people, so Charter Club, Trenton Tutorial, the Annual Giving drive, track,

and cross country were all naturals for him at Princeton. He wrote his thesis on Hemingway for the great Carlos Baker, and then proceeded to law school at St. John's back home. But his literary bent never left, and he eventually completed a dozen novels, including *On the Side of Angels* and *Sherlock Holmes: The Third Samurai.*

In his legal life, Buzz specialized in tax work and was attorney, senior banker, and adviser to major financial institutions and accounting firms. He was also principal of Gotham Capital Associates and the PHIQ Group.

He is survived by his two sons, Jude and Geordie. Buzz was always ready for a good chat and many great stories about Reunions. He attended most Reunions many years ago, and will be deeply missed whenever we gather.



Benjamin Richard Respess Jr. '70 One of our medical stalwarts and irrepressible personalities, Dick Respess, died May 16, 2017, in Dallas.

Living in Texas from age 2, he came to us from the Kincaid School, where he excelled in sports and student government. A member of Tiger Inn, he played football and golf and kept his hand in the campus musical scene. But principally, he studied biology and focused on cancer, on his way to the University of Texas Medical School in Houston. And indeed, although he followed his passion and compassion in practicing and improving emergency medicine for 42 years, he continued his distinguished cancer work through stemcell research. Never still, he pursued interests not only in golf but in race cars, where he pioneered revolutionary composite technology, and in music as a rock drummer.

It is Dick's warmth and outreach we remember, whether in his forbearing advice on the golf course, his incendiary recipe for rum punch, or his advice to Yeltsin's Russian government on developing an auto industry. And when a classmate in Dallas was suddenly diagnosed with pancreatic cancer, Dick was the first to step up and lend an experienced hand.

He is survived by his wife, Liz, and his sister, Alice Splawn. Dick's many friends in the class, including those who attended his memorial service in Bug blazers, will deeply miss his energy, his great good humor, and his friendship.

THE CLASS OF 1974

S. Scott Kirkley '74 Scott died May 18, 2016, from early-onset Alzheimer's. He came to Princeton from



the McDonogh School with roommate Bob Kershaw. Scott majored in economics, earned three varsity lacrosse letters, and was an officer of Cottage Club, where he lived

senior year.

After Princeton Scott returned to Maryland, where he soon became a leader in the local hospitality and restaurant industry. With Marty, his spouse, he was an owner and operator of The Library and Bogie's restaurants in Annapolis before selling them. He joined the Severn Bank for Savings board of directors in 1980 and served for many years as executive vice president in charge of lending. Scott was a key force in the bank's IPO on Nasdaq in 2002 and retired in 2009 after more than 25 years of service. In recognition of his contributions to the bank and the Annapolis community, Severn renamed its corporate boardroom the S. Scott Kirkley Board Room.

Scott never lost his spirit, friendly smile, great listening skill, or compassion for others. He is survived by Marty; sister Susan Harden; daughters Amy and Kim; and grandchildren Trevor, Savannah, Pippi, and young "Scotty," born three weeks before Scott's death.

THE CLASS OF 1976

Louis A. Ballard '76 Louis died July 18, 2017, at his home in Seymour, Ill.

Born in Oklahoma, he was the son of Delores Lookout Ballard of the Osage Nation and Louis W. Ballard of the Quapaw tribe. Louis had the Quapaw tribal name of Kada Ska Hunka (Sacred White Eagle) and participated from childhood in the Osage ceremonial dances, Quapaw dances, and the Native American Church.

Louis came to Princeton after graduating from Brophy College Prep in Phoenix. He roomed freshman year at the Princeton Inn. Louis represented our class in Cane Spree.

After one year, Louis transferred to the University of Colorado, where he earned a BFA in 1978. He earned a certificate in 3-D design at the Santa Fe Institute of American Indian Arts in 1989, followed by an MFA in art and design from the University of Illinois in 1992.

He settled in Illinois and taught art and ceramics at Danville Community College. More recently, he was a part-time ceramics instructor at Parkland College while employed as a cook at the Carle Foundation Hospital in Urbana.

The class officers extend deepest sympathy to his life partner, Connie Hamilton; his children, Louis III and Simone; two grandchildren; and extended family.

GRADUATE ALUMNI

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William S. Massey *49 William Massey, professor emeritus of mathematics at Yale, died June 17, 2017, at the age of 96.

Massey graduated from the University of Chicago with bachelor's and master's degrees in 1941 and 1942. During World War II, he served as a meteorologist aboard aircraft carriers. In 1949, he earned a Ph.D. in mathematics from Princeton. For the next 10 years, he taught at Brown University, and was elected to the American Academy of Arts and Science in 1958.

In 1960, Massey joined Yale and was named the Erasmus L. DeForest professor of mathematics. During summers on Long Island Sound, he wrote textbooks on algebraic topology that are still in print. He traveled to Africa and Central America for bird watching, and had a long life list of birds he had seen.

He read widely in literature, with Joseph Conrad, Anton Chekhov, and Alice Munro as his favorite authors. He was a humble man, whose children only learned from outside the family that their father had done original work in mathematics. An egalitarian, Massey was proud that Yale accepted students without considering how much financial aid they needed.

Massey was predeceased by Ethel, his wife of 60 years. He is survived by three children and five grandchildren.

Walter B. Stults *49

Walter Stults, who in 1946 received a Woodrow Wilson national fellowship to Princeton from the still-existing program founded in 1945 by Princeton Professor Whitney J. Oates, died March 29, 2017, at the age of 95.

After attending Hightstown, N.J., public schools, Stults graduated from Williams College in 1943 and served in the Army Air Corps from 1943 until 1946. He earned a master's degree in politics from Princeton in 1949.

Stults was then a legislative assistant to U.S. Sen. Robert Hendrickson (R., N.J.) in 1949. In 1950, he became staff director of the Senate small business committee, serving until 1961. From 1961 to 1986, Stults was president of the National Association of Small Business Investment Companies, a trade association in Washington, D.C.

After his retirement from the association, Stults was an independent-business consultant and corporate director. In 1992, he and his wife, Ann, whom he married in 1947, moved to a retirement community, where he was a very active member, serving as president of the residents association.

Ann died in 2002. Stults is survived by his second wife, Jean; two sons; two grandsons; two stepchildren; and seven step-grandchildren.

Hildreth H. Strode *50

Hildreth Strode, an engineer and inventor, died Dec. 14, 2016, at the age of 90.

Strode graduated from Swarthmore College in 1946 with a degree in mechanical engineering. He earned a master in public affairs degree from Princeton's Woodrow Wilson School in 1950.

He worked in New York State for General Electric, DoAll Eastern Co., Brookhaven National Laboratories, and his own Strode Computer Corp. While residing on Long Island, N.Y., he was also an inventor designing and building a floating amphibious Jeep and a 48-pound folding and floating portable motorcycle.

Strode and his wife, Beth, whom he married in 1949, raised their family in Lloyd Harbor, Long Island, where he was on the board of Friends World College. After Beth's death in 1996, he moved to Norfolk, Va., and founded a work-study program, Career Start. He was also active in the Rotary Club and the Salvation Army.

He is survived by his second wife, Lois, whom he had married in 1999; two children from his first marriage (including Peter '75); and two stepchildren.

Kenneth E. Scott *53

Kenneth Scott, professor emeritus at Stanford Law School, died June 19, 2016, at age 87.

Scott graduated from William and Mary in 1949, earned a master's degree in politics from Princeton in 1953, and earned a law degree from Stanford Law School in 1956. He then practiced law at Sullivan and Cromwell in New York City and at a Los Angeles firm.

In 1961, he became chief deputy savingsand-loan commissioner of California, and in 1963 he was appointed general counsel of the Federal Home Loan Bank Board in Washington. There, he was instrumental in getting the Financial Institutions Supervisory Act of 1966 passed. Scott went to Stanford Law School in 1968, when it started a joint J.D./MBA program, of which he was a mentor. He taught banking regulation, corporate securities law, and administrative law, part of a growing faculty that helped Stanford Law School gain national and international repute.

In 1983, Scott became the first Parsons professor of law and business. He retired from teaching in 1995, but remained an active scholar and was one of the nation's leading experts on understanding the failure of large banks during the 2008 financial crisis.

Scott is survived by his wife, Sunny; three children; five grandchildren; a stepdaughter; and three step-grandchildren.

Frederick M. Fradley *54

Frederick Fradley, partner in Brower and Fradley Architects in Philadelphia, died April 2, 2017, at the age of 92.

Fradley enlisted in the Army Air Force in 1942 and served until 1946. In 1948, he earned

PRINCETONIANS / MEMORIALS

a bachelor's degree in engineering from Brown University. He was an engineer from 1948 to 1951 with the Turner Construction Co. in Philadelphia.

In 1954, Fradley earned an MFA degree in architecture from Princeton. He then was a project manager for Vincent G. King Architects from 1954 to 1961. In 1961, with John Bower, Fradley formed Bower and Fradley Architects. He retired in 1978.

For four decades, he enjoyed his summers in Maine and his winters on St. John, U.S. Virgin Islands, where he and his wife enjoyed sailing and island living.

Fradley was predeceased by his wife of 51 years, Dorothy. He is survived by two children; three grandchildren; and his longtime best friend and companion, Barbara Woodward.

Carleton H. Baker *55

Carleton Baker, professor emeritus at the University of South Florida College of Medicine, died Jan. 28, 2017, at the age of 86.

Baker graduated from Syracuse University with a degree in biology in 1952. At Princeton he earned a Ph.D. in biology in 1955. At the Medical College of Georgia from 1955 to 1967, he rose from assistant to full professor of physiology. From 1967 to 1971, he was professor of physiology and biophysics at the University of Louisville.

After 1971, Baker was professor of physiology and biophysics, research scientist, deputy dean, chair of physiology and biophysics, and professor of surgery at the University of South Florida College of Medicine. There, he received the Distinguished Scientist Award in 1981, the Dean's Citation in 1991, and the Founder Award in 1992.

Baker received many research grants from the National Institutes of Health and others. Cardiovascular physiology was his primary field. He also investigated adrenal glands and blood volume. Baker wrote more than 200 research papers, abstracts, and presentations, and was on the boards of five scientific journals. He contributed to the Princeton Graduate School's Annual Giving campaign for 45 years.

Baker is survived by his wife of 53 years, Sara, and two daughters.

Alexander Tulinsky *56

Alexander Tulinsky, retired university distinguished professor of chemistry at Michigan State University, died March 9, 2017, at age 88.

Tulinsky graduated from Temple University in his hometown of Philadelphia, Pa., in 1952. He earned a Ph.D. in chemistry from Princeton in 1956. Tulinsky started teaching at Michigan State in 1965. He was a chemistry professor and research scientist at MSU until he retired

in 2000.

An avid duck hunter and fisherman, he was also a sports fan. In later life, he took up Bonsai growing and dedicated himself to his hobbies.

Tulinsky was predeceased in 2011 by his wife, Marjorie, and by a son in 2005. He is survived by three sons and one granddaughter.

Charles W. Brown *57

Charles Brown, a retired oil geologist with the Mobil Oil Corp., died April 26, 2017, at the age of 91.

Born in Brooklyn, N.Y., Brown graduated from Plainfield (N.J.) High School in 1943, and then served with the Navy in the Pacific in World War II. In 1949, he graduated from Muhlenberg College, where he was a Mid-Atlantic Conference pole-vault champion.

From 1950 to 1957, Brown was employed by the Aramco oil company, during which time he earned a Ph.D. in geology from Princeton in 1957. From 1957 to 1983, he was with Mobil Oil. In his career, he discovered oil in deserts and oceans. Brown was a fellow of the Geological Society of America.

Retiring after 33 years, he led a very active life boating, shooting and hunting, flying, hiking, and traveling around the world. He wrote that his family and friends, along with his Christian faith, were the most important parts of his life.

Brown is survived by his wife of 67 years, Winifred; four children; 10 grandchildren; and 12 great-grandchildren.

John P. Maher *58

John Maher, retired Army lieutenant colonel, died March 21, 2017, at the age of 86.

Maher graduated from West Point in 1953, with the Army Corps of Engineers. In 1958 he earned a master's degree in civil engineering from Princeton. He also earned a master's degree in political science from Rutgers in 1965 and studied education at Trinity University.

With his large family, Maher traveled the world as well as throughout the United States during his military career. He also served in Korea and Vietnam, receiving two Bronze Stars, an Air Medal, and a Legion of Merit before retiring in 1978.

Many years as an educator in Texas followed. At first, he taught algebra in a middle school and later was a district head of math, science, and physical education. For Princeton, Maher served as an interviewer for the Alumni Schools Committee of the San Antonio, Texas, area.

Maher is survived by his wife of 58 years, Janette; six children; and 15 grandchildren. His youngest daughter predeceased him.

M.W. Perrine *58

M.W. Perrine, an internationally recognized authority on the effects of alcohol, died peacefully Nov. 15, 2016, at age 88.

At the end of World War II, he enlisted in the Army. In 1953, he graduated from the University of Connecticut and then earned a Ph.D. in psychology from Princeton in 1958. He taught psychology at the University of Vermont College of Medicine and later at the Boston University School of Medicine.

Perrine lived in Europe for several years, teaching in Germany and in England at Cambridge University. In 1986, he founded the Vermont Alcohol Research Center, a private nonprofit organization. With a succession of federal grants, he conducted research that advanced the understanding of the role of alcohol and other drugs in behavior and vehicle crashes.

Perrine wrote and co-authored hundreds of peer-reviewed articles. His expertise also included the role of alcohol in violence and aggression. In 1998, he directed a project comparing the drug and alcohol laws and traffic laws of 17 member states of the Council of Europe, a landmark in the developed world. After retiring from his research institute in 2004, Perrine was an expert witness in legal cases involving alcohol and injury.

Perrine is survived by two children and three grandchildren.

Michael J. Wolff *58

Michael Wolff, professor emeritus of English at the University of Massachusetts, Amherst, died peacefully Nov. 5, 2016, at age 89.

Born in London, Wolff graduated from Oxford with a bachelor's degree in 1948 and earned a master's degree in 1955. He earned a Ph.D. in English from Princeton in 1958. Wolff began his teaching career at Indiana University. While there, he founded *Victorian Studies*, one of the first interdisciplinary journals in the humanities.

Wolff was a founding father of the Victorian studies field. He started the *Victorian Periodicals Review* and was the founding president of the Research Society for Victorian Periodicals. While working at the British Museum in the 1960s, he found an enormous volume of cheap 19th-century magazines and newspapers and saw them as the world's first popular mass medium, and realized the value of studying them as literature.

After Indiana University, Wolff was a professor of English at UMass, Amherst for 22 years. He retired in 1992, and in 1994, he was the school's first recipient of the Dethier award for teaching, research, and civility.

Wolff was predeceased in 2012 by Sara, his wife of 57 years. He is survived by three children and six grandchildren.

Eugene M. Becker *59

Eugene Becker died Sept. 28, 2016, at age 86, after a distinguished career in finance.

Becker earned a Colgate bachelor's degree in 1951 and a master's degree from Chicago in 1953. From 1953 to 1954, he was a Fulbright fellow at the University of Paris, and was in the Army from 1954 to 1956. From Princeton, he earned a Ph.D. in art and archaeology in 1959.

Becker had conflicting career interests between the arts and the practical, and finally chose to work for the Investment Bankers Association. He then was an officer with First National City Bank. In 1966, Mayor John Lindsay appointed him as New York City's director of the budget, at which he excelled.

In 1967, this led to his becoming an assistant secretary of the Army in the Johnson administration. In 1969, he was reappointed in the Nixon administration. Becker resigned in 1972 and joined the Continental Can Co., followed by financial positions in academia and elsewhere. By 1982, he was with Blyth Eastman Dillon, and then such other investment banking firms as Smith Barney Shearson.

Becker was on the board of Carnegie Hall from 1966 to 1992. He and his financial expertise served Carnegie Hall when he was vice president of the board from 1967 to 1986.

Becker is survived by his wife, Mary Ellen Bowles.

Raymond M. Smullyan *59

Raymond Smullyan, a mathematician, logician, and professor emeritus of philosophy at Lehman College and the Graduate Center at CUNY, died Feb. 6, 2017, at the age of 97.

After a peripatetic and eclectic education (whereby he studied mathematics and logic on his own), Smullyan graduated from the University of Chicago in 1955. In 1959, he earned a Ph.D. in mathematics from Princeton. During his career, he taught at Princeton, Yeshiva, Lehman, and Indiana, where he was the Oscar Ewing professor of philosophy.

According to his bylined obituary in *The New York Times*, Smullyan's "greatest legacy may be the devilishly clever logic puzzles that he devised." In one of his numerous books, *The Lady or The Tiger? And Other Logic Puzzles* (1982), he wrote that Euclid's Elements would have been more popular if it was presented as a puzzle book.

In a 2008 published interview, Smullyan said he taught students as much as possible but required from them as little as possible. He found that many students worked harder in his course than in any other.

He is survived by a stepson; six step-grandchildren; and 16 step-greatgrandchildren. His second wife, Blanche, died in 2006. His first marriage ended in divorce.

Jan Kolasa *60

Jan Kolasa, retired professor at the University of Wroclaw in Poland, died Aug. 13, 2016, at the age of 89.

Kolasa graduated in 1950 with a law degree from the University of Wroclaw and earned a Ph.D. in politics from Princeton in 1960. Returning to Poland, he obtained a second doctorate, an advanced scientific degree, and subsequently was appointed a professor at Wroclaw in the department of international and European law.

He chaired the department from the late 1960s to the late 1990s, retiring in 2006. In retirement, he remained active in department activities. Engaged in the theoretical and practical importance of the science of international law, his research appeared in Polish and international scientific journals.

Kolasa undertook initiatives to open his university to international cooperation, such as with the Council of Europe and the European Union. He read papers at universities abroad and was a visiting professor at Princeton from 1974 to 1975. He was an adviser to the Ministry of Foreign Affairs and the Polish legislature. For many years, he was a vice chair of the bioethical commission at the Wroclaw University School of Medicine.

Kolasa is survived by his wife, Ewa; two daughters; and three grandchildren.

Robert F. McAlevy III *60

Robert McAlevy, retired professor of mechanical engineering at the Stevens Institute of Technology in Hoboken, N.J., died July 15, 2017. He was 84.

A native of Hoboken, McAlevy graduated from Stevens in 1954 and earned a Ph.D. in aeronautical engineering from Princeton in 1960.

McAlevy joined the mechanical-engineering department at Stevens, where he also directed a research laboratory. He was a consultant for NATO/AGARD, NASA, ONERA, the Air Force, and the federal Department of Energy.

He received many awards and honors for his extensive research. He loved his field of engineering and teaching. McAlevy was an avid fisherman and conservationist and had embraced Hampton Bays, Long Island, N.Y., as his home. He was a strong supporter of a united Ireland.

McAlevy is survived by his wife, Patricia; and his brother, Dennis.

Robert F. Boldt *62

Robert Boldt, retired senior research scientist at the Educational Testing Service (ETS), died July 15, 2017, after a lengthy illness at the University Medical Center of Princeton at Plainsboro. He was 87.

Boldt earned a bachelor's degree in 1951 and a master's degree in 1953 in industrial psychology from Iowa State University. From 1956 to 1959, he headed statistical analysis and computer applications units of the Army Personnel Research Office in Washington, D.C. In 1962 he earned a Ph.D. in psychology from Princeton.

He came to ETS as associate director of the statistical analysis division and retired in 1999 as a senior research scientist in the division of cognitive and instructional science. Boldt had a long-term research interest in applied psychology, particularly where measurement is involved.

He advised and directed many studies on military manpower and evaluation of educational-admissions systems. Also, he directed and investigated numerous studies on grades in law schools and graduate business schools, educational prediction, and other such educational analyses.

Boldt is survived by his wife of 45 years, Ann; four children; five grandchildren; and eight great-grandchildren.

Arthur L. Deleray *66

Arthur Deleray, professor of chemistry emeritus at Las Positas College, in Livermore, Calif., died June 29, 2017, in an auto accident. He was 81.

Deleray graduated from the University of California, Berkeley, in 1959 with a degree in chemical engineering, and in 1966 earned a Ph.D. in that field from Princeton. He had a distinguished 32-year career as a professor of chemistry at Chabot College in Hayward, Calif., and Las Positas College. He retired in 2002.

In addition to chemistry, he taught physics and math and was active in college activities and administration. He embraced computer technology in the early days, and looked forward to the day he would drive a zeroemissions hydrogen car.

Deleray cherished the time he spent with his family and was a dedicated father to his sons, supporting them in education and sports from youth soccer through college. He maintained a lasting relationship with a family he sponsored in Vietnam, whom in later years he encouraged and helped to start businesses and graduate from college.

Deleray had been married to Penny Tharsing. He is survived by two sons and three grandchildren.

Oscar E. Lanford III *66

Oscar Lanford, a respected and influential professor in the field of mathematical physics, died of cancer Nov. 16, 2013, at the age of 74.

Lanford graduated from Wesleyan in 1960 and earned a Ph.D. in physics from Princeton in 1966 under the direction of Arthur Wightman, the noted quantum field theorist. He then became a professor on the math faculty at the

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University of California, Berkeley.

After Berkeley, Lanford was at Institut des Hautes Études Scientifiques in France, and from 1987 was a professor at the ETH in Zurich, Switzerland until he retired in 2005. Lanford then returned to the United States and taught at New York University's Courant Institute until 2012.

By today's standards, his papers are not numerous, but they contain several items that have influenced directions that mathematical physics would take. Among the most prominent are the Boltzmann equation and the Dobrushin-Lanford-Ruelle equations. His approach to the first portable computers allowed him to define the field of computerassisted proofs, which enabled him to prove Feigenbaum's conjecture (which plays an important role in chaos theory).

At the time of his death, Lanford was survived by his wife, Regina, and a daughter, Lizabeth.

Kenneth R. Blanchard *67

Kenneth Blanchard, a physician known for his success in treating thyroid disease, died April 15, 2017, at the age of 77.

Blanchard earned a bachelor's degree in chemistry from MIT in 1961. He then earned a master's (1963) and a doctoral (1967) degree in chemistry from Princeton. After a short time teaching at Vassar, he enrolled in medical school.

Blanchard and his wife, Rita (whom he had married while at Vassar), both graduated from Cornell Medical College with doctorates in medicine. He interned at New York Hospital, after which he had a fellowship in endocrinology in Boston.

After completing this fellowship, Blanchard entered private practice in Newton, Mass. He was still seeing patients at the time of his death. He authored two books on his methods of treating thyroid disease.

He is survived by Rita, his wife of more than 50 years; two sons; and three grandchildren.

David F. Dorsey Jr. *67

David Dorsey, an academician for most of his life who became an attorney after retiring, died April 8, 2017, of complications of dementia. He was 82.

Dorsey graduated from Haverford with a degree in Latin in 1956 and earned a master's degree in Greek from Michigan in 1957. He earned a Ph.D. in classics from Princeton in 1967. He began his academic career as an instructor of classics in 1960 at Howard University and ended as dean of graduate studies at Clark Atlanta University in 1999. After a short retirement, Dorsey studied law at Georgia State University.

While a law student, he interned at the Georgia Chapter of the ACLU, the Georgia

Justice Project, and the Southern Center for Human Rights. Local zoning matters were at the core of his law career.

Before the law, Dorsey had been a Fulbright professor at the University of Dar Es Salaam in Tanzania and was a United Negro College Fund distinguished scholar, among other honors. He earned a master of science in library science degree from Clark Atlanta to catalog his own large book collection. He was also a member of the Association of Black Princeton Alumni.

Dorsey is survived by a sister, a brother, three nephews, and a niece.

Philip Gossett *70

Philip Gossett, professor of music at the University of Chicago and a noted musicologist, died June 13, 2017, after having endured progressive supranuclear palsy. He was 75.

Gossett graduated from Amherst College in 1963 and earned a Ph.D. in music from Princeton in 1970. He had joined the University of Chicago faculty in 1968 and remained there for the rest of his academic career.

According to his bylined obituary in *The New York Times*, "Gossett made it his life's work to recover scores that had disappeared or become messy ... and to return them to something close to what their composers had intended."

Gossett pioneered the creation of scholarly critical editions of opera scores, in addition to his distinguished academic career as a professor of music. He was the general editor of new editions of the works of Verdi and Rossini. Performances using Gossett's recovery of original scores were very successful. He worked with eminent opera houses, singers, and conductors to bring back his and others' discoveries.

He is survived by his wife, Suzanne S. Gossett *68, professor of English emerita at Loyola University of Chicago; two sons (including Jeffrey '93); and five granddaughters.

John H. Lewis *71

John Lewis, a retired engineer for the Raytheon Corp., died peacefully at home March 8, 2017, after suffering from progressive supranuclear palsy. He was 73.

Lewis graduated from Virginia Tech in 1965 with a degree in mechanical engineering. In 1971, he earned a Ph.D. from Princeton in mechanical and aerospace engineering.

He then worked for DuPont, Xonics, Arco Solar, and finally Raytheon, from which he retired in 2003. His career took him to Wilmington, Del.; Los Angeles; Rome; Dallas; and Palm Springs, Calif. (where he was a passionate sailor). He moved to a retirement community in Virginia in 2008.

Lewis was married for 24 years to Nance Kissel before she died in 2007. In 2010, he married Joan Schad, who survives him. She faithfully cared for him as he courageously endured his degenerative neurological disease. He is also survived by a brother, a niece, a nephew, and five great nieces and nephews.

Richard T. Murphy *72

Richard Murphy (Brother Tobias), a member of the Congregation of the Brothers of St. Francis Xavier for 64 years, died April 4, 2017. He was 82.

Brother Tobias graduated from Catholic University in Washington, D.C., in 1958 with a bachelor's degree in physics, earned a master's degree in mathematics from Notre Dame in 1967, and earned a Ph.D. in educational psychology from Princeton in 1972. Spending much time in Princeton, he was involved in research at the Educational Testing Service (ETS) and the Princeton Theological Seminary, where he was an adjunct professor.

He directed many international projects in such countries as Bangladesh, Turkey, Yemen, Jordan, Morocco, and Tunisia. With ETS, he reviewed *Sesame Street* research and worked on planning the 20th-anniversary symposium for the Children's Television Workshop.

In 1994, Brother Tobias was elected provincial superior for the American Central Province of Xaverian Brothers in Baltimore. He was appointed community director of Xaverian House in Danvers, Mass., in 2008, and retired from there in 2012.

He is survived by several nieces and nephews.

William R. Scott *72

William Scott, a professor of history at Lehigh University, died May 7, 2017, at the age of 76.

Scott was born in Philadelphia and graduated from Central High School with honors, and lettered in varsity track and football. In 1963, he graduated from Lincoln University with a bachelor's degree in history. He earned a master's degree in history in 1966 from Howard University and in 1972 earned a Ph.D. in history from Princeton.

He was an associate dean at Wellesley College and Oberlin College, and dean of arts and sciences at Clark Atlanta University. He had been director of the United Negro College Fund/Mellon Minority Fellowship Program. Scott also had been director of Africana studies at Wellesley, Oberlin, and Lehigh.

Scott completed his academic career as a professor of history at Lehigh. He was a member of the Association of Black Princeton Alumni.

David W. Steadman *74

David Steadman, the retired director of the Toledo Museum of Art (TMA) who oversaw the building of the University of Toledo's finearts school at the museum, died March 11, 2017, at age 80.

Born in Hawaii, Steadman attended Phillips Andover, and then graduated from Harvard with bachelor (1960) and master's (1961) degrees. In 1966, he earned a master's degree in art history from the University of California, Berkeley. From Princeton he earned MFA (1969) and Ph.D. (1974) degrees in art history.

In 1970, he was a lecturer at the Frick Collection, and in 1973 he was the associate director of the Princeton Art Museum under Peter Bunnell. Steadman was director of the Galleries of the Claremont Colleges and associate professor at Pomona College from 1974 to 1980. In 1980, he became director of the Chrysler Museum in Norfolk, Va. In 1989, he was chosen director of the TMA, where he presided until retiring in 1999.

Steadman earned a master's degree in theological studies in 2002. In 2004, he was ordained a deacon in the Episcopal Church, serving until retiring in 2010.

He was predeceased in 2011 by his wife, Kathleen. He is survived by two children and four grandchildren.

John H. Miller *75

John Miller, a retired U.S. Foreign Service officer, died April 5, 2017, after a long illness. He was 75.

After graduating from Amherst in 1963 and earning a master's degree from Stanford in 1966, Miller earned a Ph.D. in history from Princeton in 1975. He then had a 25-year career in the Foreign Service. He had lived in Japan, South Korea, the Philippines, and Canada.

He retired in 2000 and joined the faculty of the Asia-Pacific Center for Security Studies in Honolulu. He then was the Asia chair at the National Foreign Affairs Training Center in Arlington, Va. He wrote two books, *Modern East Asia — An Introductory History* (2008) and *American Political and Cultural Perspectives on Japan — From Perry to Obama* (2014).

In his last years Miller was a volunteer lecturer on Asian history and politics at Encore Learning in Arlington, and since 2012 he was an officer of a Japanese tea ceremony association.

He is survived by his wife, Mioko, and two children.

Margaret Y. Hsu *77

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Margaret Hsu, who had founded a successful consulting firm in China, unexpectedly died July 14, 2017, at age 67.

Born in China, Hsu graduated in 1970 from the University of Houston. In 1977, she earned a master's degree in East Asian studies from Princeton. After graduating from Princeton, she single-handedly built Pro Re Nata, a successful pharmaceutical consultation firm in Beijing, China, from which she retired in 2008, and returned to Princeton.

Hsu had remained in touch with the Princeton community through her husband, James P. Geiss *79, who had earned a Princeton Ph.D., also in East Asian studies. After his premature death in 2000, Hsu established the James P. Geiss Foundation in his honor.

With Hsu as its head, the foundation funded conferences (some at Princeton) and other events. According to Dr. Martin J. Heijdra *95, director of Princeton's East Asia Library, it "also assisted with the publication of an impressive array of books on China's Ming dynasty."

Hsu also sponsored some Princeton students' stays in Beijing, particularly those involved with the preservation of Beijing's architectural heritage. For the past 10 years, she was a member of the Asian American Alumni Association of Princeton.

Julio J. Rotemberg *81

Julio Rotemberg, the William Ziegler professor of business administration at Harvard Business School died April 2, 2017, of cancer. He was 63.

Rotemberg earned a bachelor's degree in economics from the University of California, Berkeley, in 1975. In 1981 he earned a Ph.D. degree in economics from Princeton. From 1980 to 1996, he was on the faculty of the MIT Sloan School of Management. He joined the Harvard faculty full time in 1997.

Rotemberg was a pioneering and influential economist who developed an econometric approach to modeling the economy. He published more than 50 articles, papers, and book chapters on economic fluctuations, especially the effects of monetary and fiscal policies. In 2016, the American Economics Association honored him with its Distinguished Fellows Award.

The dean of Harvard Business School, Nitin Nohria, stated, "Julio Rotemberg was a superb scholar and beloved teacher who left a lasting mark on the field of economics and on thousands of students." Former Harvard President Lawrence H. Summers added, "In a University full of extraordinary talents, Julio was truly one of a kind. ... Above all, I'll miss our intellectual companionship."

Rotemberg is survived by his wife, Analisa Lattes; their two children; and his mother, Ellen Wolf, of Argentina.

Janice M. Nittoli *85

Janice Nittoli, retired president of the Century Foundation, the respected public-policy research institution, died June 30, 2017, of frontotemporal dementia at the age of 56.

Nittoli graduated *summa cum laude* in 1983 from Marymount Manhattan College. In 1985 she earned an MPA degree from Princeton's Woodrow Wilson School. Until 1990 she worked for the City of New York, rising to assistant commissioner in the Department of Health, managing the city's correctional health-care system. Previously, she had worked for the Human Resources Administration and at the Board of Education, developing and managing child-welfare and socialservices programs.

From 2006 to 2011, she had been an associate vice president and managing director of the Rockefeller Foundation. Prior to that, Nittoli was a senior executive at the Annie E. Casey Foundation, the nation's largest private foundation dedicated to improving the lives of poor children and their families. In July 2011 Nittoli was appointed president of the Century Foundation. In 2014 her illness forced her retirement.

She also was an adjunct professor of public administration at CUNY. Prior to her foundation work, she was president of the National Center for Health Education.

Nittoli is survived by her husband, Richard J. Tofel.

Liviu Iftode *98

Liviu Iftode, professor of computer science at Rutgers University, died peacefully Feb. 16, 2017, at the age of 57.

Born in Romania, Iftode graduated from the Technical University of Bucharest in 1984 with a bachelor's degree in electrical engineering and computer science. He became a software engineer at the Research Institute for Computer Technology, Bucharest, and headed a development team.

Starting in 1991, Iftode was a doctoral student at Princeton, earning a Ph.D. in computer science in 1998. From 1997 until his death, he was on the faculty of the computer science department at Rutgers. He achieved full professor status in 2009.

During his career, Iftode earned many honors and awards, received significant funding through prestigious grants, and published impressive work. But mostly he cherished the mentoring of young people, from high school students to Ph.D. candidates. For Princeton, he was a Regional Schools Committee chair for continental Europe for much of the past decade.

If to de is survived by his wife of 33 years, Cristina, an associate professor of genetics at Rowan University, whom he met in high school.

Graduate memorials are prepared by the APGA.

This issue contains undergraduate memorials for Robert R. Lynn '48 *50, Robert C. White '64 *70, and Wilson Chuckwunwike Obi '66 *69.

Classifieds

For Rent Europe

Rome: Bright, elegant apartment. Marvelous beamed ceilings. Antiques. Walk to Spanish Steps, Trevi Fountain. 609-683-3813, gam1@ comcast.net

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-Marais: 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. max@gwu.edu

Ile St-Louis: Elegant, spacious, top floor, skylighted apartment, gorgeous views overlooking the Seine, 2 bedrooms sleep 4, 2 baths, elevator, well-appointed, full kitchen, WiFi. 678-232-8444. triff@mindspring.com

Italy/Todi: Luxurious 8BR, 7.5BA villa, amazing views, infinity pool, olives, lavender, grapes, vegetable garden, housekeeper, A/C, Wi-Fi. Photos/prices/availability: VRBO.com, #398660. Discount — Princetonians. 914-320-2865. MarilynGasparini@aol.com, p'11.

Paris, Tuileries Gardens: Beautifullyappointed, spacious, 1BR queen, 6th floor, elevator, concierge. karin.demorest@gmail. com, w*49.

Aix-en-Provence: Cours Mirabeau, heart of town. 2 bedroom apartment, garage, wifi, terrace. Perfect for exploring Provence. \$1,450/ week. greatfrenchrentals@comcast.net

Paris 16th: Live le charme discret de la bourgeoisie. Spacious one-bedroom apartment, 6th floor, elevator, metro Mirabeau. Perfect for sabbaticals. trips@frenchtraveler.com

Paris 7th: Fifth floor, quiet, studio sleeps 3. Balcony. View Eiffel Tower. www.parisgrenelle. com, 207-752-0285. **England, Cotswolds:** 3BR stone cottage, quiet country village near Broadway and Stratford-upon-Avon. Information: www. pottersfarmcottage.com, availability: pottersfarmcottage@msn.com

Rome, Italy: Breathtakingly beautiful artfilled apartment on via Gregoriana near Spanish steps. 2 bedrooms in a 17th century palazzo. Unsuitable for small children. Mariaceliswirth@ yahoo.com, 212-360-6321, k'38.

Provence: Delightful five-bedroom stone farmhouse, facing Roman theater. Pool, WiFi. 860-672-6608. www.Frenchfarmhouse.com

Paris, South Pigalle: Bright, spacious (600 sq ft) 1BR (queen). Fully-equipped kitchen, rain shower, washer/dryer, WiFi, TV. 2-floor walkup, 19th c. building, exposed beams. Sleeper sofa available. « SoPi » is the new Marais! k'54, k'80, k'92. linda.eglin.mayer@orange.fr

France, Dordogne-Lot Valley. Dream house. Mythic village. Couples, families. Wonderful restaurants, markets, vineyards, bicycling, swimming. (Alumni Discount). maisonsouthernfrance.com, 617-608-1404.

Riviera. France/Italy border. Romantic 3BR garden flat with uninterrupted, breathtaking Mediterranean views. Menton 5 minutes. owww.ilvalico.eu

Paris. Neighbors: Louvre Musée, Opéra, Place Vendôme (Ritz). Studio sleeps 2. Length stay fixes terms. Former Naval attaché's apartment. apower7@icloud.com, 831-521-7155, w'49.

Tuscany: Elegant 17c. villa in Cortona for 10. Privacy, views, pool, olive groves, vineyards. 805-682-2386, www.CortonaAIR.com

Nice, France Promenade-des-Anglais: Spacious renovated 2BR/2.5BA apartment. Secured parking. WiFi. www.nicehomesitting. com/splendid-flat-panoramic-view, k'91,'92.

Near Bordeaux, cottage in historic village with outdoor market, restaurants, cozyholidayrentals.com

Worldwide Timeshare Rentals By Owner: Affordable, luxurious 1-6BR weekly timeshare rentals available at renowned resorts in the world's most popular destinations. www. sellmytimesharenow.com/timeshare-rentals/

North Africa

Stunning, **luxurious Marrakech Villa**, 5BR, 5BA, all modcons. Indoor outdoor pools, superb garden. Full-time staff including cook, additional services upon request. www. villashiraz.com, p'01.

Caribbean

Bahamas, Eleuthera. Beachfront villa, 4BR, 5BA, swim, snorkel, fish. www.heronhill.net

United States Northeast

Wellfleet: 4BR beachfront cottage, spectacular views overlooking Cape Cod National Seashore, walk to town. 610-745-5873, warrenst@aol.com, '84, s'86.

Northeast Kingdom of Vermont,

Craftsbury: Charming Zen-spirited cottage for 2 on 30 acres. Stunning views! Relax, hike, bike. Scull and ski at nearby Craftsbury Outdoor Center. Outstanding local food/beverage culture. \$150/night (2 night minimum), \$30 cleaning fee. Dickinson.x.miller@ampf.com, '75.

Adirondack Great Camp, Exclusive Property: Pristine Lakefront, Trails. Sleeps up to 40. Perfect for family reunions, intimate celebrations, team-building. Great

room, speakeasy, tennis, boathouse, canoes, beach, rental bikes and motorboats. Weekly. UVEagleNest@gmail.com, VRBO.com #557773, s'75.

Nantucket Shimmo: 5 bedrooms, 3 baths. Harbor view. www.weneedavacation.com/ Nantucket/Shimmo-Vacation-Rental-12324 for pictures, rates, availability. TedBent@ earthlink.net, '66.

Stone Harbor, NJ: Beachfront, 4BR, upscale. 570-287-7191, VRBO.com #235754, radams150@aol.com

Manhattan: E. 49th Street studio, \$189 nightly, 3-night minimum. atchity@ storymerchant.com or 212-421-0256.

NYC: Fully furnished 1BR luxury condo, block from Central Park. pager1990@ gmail.com, '85.

Downeast Maine: fully renovated lakeside summer retreat, sleeps eight, www.camptaqanan.com, '68.

Nantucket, Dionis: 3BR, 2BA, decks, views, beach. rainbowmoors.shutterfly.com, 530-574-7731. doctorpaula@comcast.net, '66, p'86.

Classifieds

Nantucket Oceanfront: Charming, antique-filled cottage on five acre oceanfront estate. Sleeps six comfortably. \$4,600-\$7,000 weekly, May-October. phoey63@comcast.net for details/pictures. '63.

United States West

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.

Sun Valley, Idaho: Beautiful 4BR, 4BA home, great views! 5 minutes – Ketchum. bachman.keith@gmail.com, '85.

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Wanted to buy: Class of 1968 yearbook. Please reply to: kmaster105@gmail.com, '68.



That Was Then: February 1917



Preparing for War, Dissent Not Allowed

John S. Weeren

The United States did not enter World War I until April 6, 1917, but at the beginning of February, as President Woodrow Wilson 1879 severed diplomatic ties with Germany, Princeton girded itself for battle.

On Feb. 9, in *The Daily Princetonian*, Professor of International Law Philip Marshall Brown called for a more aggressive response to the "terrific menace" posed by Germany. After deploring "the deportation of Belgians and Armenians, the use of liquid fire, poisonous gases, the bombardment of crowded cities by Zeppelins, the sinking of passenger ships without warning," he averred that "further delay can only mean the paralyzation of our wills, the decay of American manhood, the base denial of the solemn obligations of honor."

The University gave substance to this rhetoric by organizing the Princeton Provisional Battalion under the direction of Army Capt. Stuart Heintzelman, who had joined the faculty in the fall of 1916 as professor of military science and tactics. In the words of President John Grier Hibben 1882 *1893, "It may not be necessary for American citizens to engage in war in the near future, but Princeton should not delay in affording facilities for its undergraduates to prepare themselves for it."

Students reacted with enthusiasm. In the first six-hour enlistment period, 509 men committed themselves "to drill one hour a day in open and close formations." And on Feb. 26, when daily drills commenced in the gymnasium, 850 men showed up, representing 60 percent of the undergraduate student body.

What was deemed good for Princeton was deemed good for the country. With Hibben's blessing, undergraduates circulated a petition urging Congress to "enact immediately legislation establishing in the United States a system of compulsory universal military training."

In this environment, dissent was unwelcome, as two students learned when they sought to air "the pacifist point of view." Hibben denied them permission to meet on campus, arguing that the "University was already committed to a war policy," beating Congress to the punch. �

John S. Weeren is founding director of Princeton Writes and a former assistant University archivist.

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