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PRINCETON ALUMNI WEEKLY

An editorially independent
magazine by alumni for alumni
since 1900

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Using new photographic technology, Gregory
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By Josephine Wolff '10

Student contributors to PAW write about
the campus spaces and places that
have made Princeton their home — and
why they're so special.

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Stepping Into Art

Watch a video interview
with artist Christopher
Janney '72, featuring
examples of his
immersive, audible, and
colorful creations.

Exchanging Ideas

"Free speech is hard,"
writes columnist Gregg
Lange '70, particularly
in the times when it's
most important.

Branching Out

Laurie Wallmark '76
writes about her careers
and the curiosity that
has guided her journey.



Reunions Guide

Browse the schedule
of events for this year's
major-reunion classes.

The Class of 2017: Extending Princeton's Tradition of Service

I feel a special bond with the Class of 2017, whose members began their undergraduate journeys at Princeton in the same year that I began my tenure as the University's 20th president. In my Opening Exercises address to the class in the fall of 2013, I invited students to take advantage of their time at Princeton to explore "the question of what it means to live a successful human life." Paraphrasing Professor Kwame Anthony Appiah in his book *The Honor Code*, their Pre-read assignment, I opined that "living well has at least two parts to it: living a life that makes you happy and living a life that is of service to others."

Now, four years later, as the Class of 2017 prepares to go out into the world, I have been impressed by how well many of our students have lived up to this ideal, finding countless opportunities to be happy in service to others. I want to share here a few examples of the special ways — often selfless and behind-the-scenes — that members of the Class of 2017 have chosen to serve the Princeton community, our local communities, and the wider world.

Many seek opportunities to serve their fellow students. There are RCAs like **Kendall Bedford**, described by Whitman College Director of Student Life Momo Wolapaye as a "cheerleader for everyone;" she is a rugby player, sometime Whitman Whale (the goofy, costumed mascot for the college) and a beloved mentor to her own zees and

also served as the publicity director for Triangle, president of Grind Arts Company, and Princeton Preview captain for Butler College.

Vanessa Smith has been a stalwart member of the Princeton women's basketball team for the past four years. She is, says Assistant Dean of Undergraduate Students Bryant Blount, "the consummate teammate." Even more important than her athletic prowess, however, is what Blount calls "an underlying thread... of servant leadership" that runs through all her activities.



Princeton Athletics

Vanessa Smith '17 on the basketball team's trip to Australia.

Whether in her role as dormitory assistant mediating communal kitchen squabbles, as a member of the Varsity Athlete Student Advisory Committee, or as an ambassador for Princeton during the team's trip to Australia, Vanessa's "humble, smiling nature" shines through everything she does.

The Class of 2017's commitment to service reaches outside of the University's walls as well. For **Steffen Seitz**, volunteering as a tutor in local prisons began as an opportunity "to get off campus and do something good." Since then, it's become his passion. Steffen now teaches a philosophy class once a week through the Prison Electives Program, and advocates for criminal justice reform as a member of Students for Prison Education and Reform (SPEAR). He will continue this work next year as a Charles W. Puttkammer Fellow.

Sahand Keshavarz Rahbar spent time in Greece last summer volunteering at a refugee camp. According to Professor of Comparative Literature Karen Emmerich '00, the trip's leader, Sahand and a fellow student (Ariana Mirzada '18) immediately recognized the need for math, science, and English classes for Afghan refugees. Sahand and Ariana taught classes in Persian and developed a curriculum that could be used after they left; Sahand also served as an interpreter for the Afghan community. Emmerich was impressed with Sahand's "ability to juggle the roles of translator, advocate, aid worker, and friend to camp residents."

What strikes me in all of these stories, and in many more that I was unable to share in this short column, is that service comes naturally to these students: it's part of who they are. Their example gives us another reason to take pride as they graduate and a reason to look forward to their accomplishments as they step beyond FitzRandolph Gate.



Ryan O'Mara

Kendall Bedford '17 (center, with shield) joins Team Whitman in Clash of the Colleges.

many others as well. Or **Josh Morrison**, a senior RCA at Rockefeller College, who Director of Student Life Amy Ham Johnson calls "the heart of Rocky since his first year." Josh has also been a member of the College Council, a Princeton Preview captain, and a SHARE peer.

Others serve by helping to facilitate the artistic, intellectual, and athletic life of the Princeton community. **Naman Jain**, chair of the USG Projects Board, spent "countless hours," according to Deputy Dean of Undergraduate Students Tom Dunne, over and above the board's regularly scheduled time slot every Thursday evening, working with student group leaders to apply for and secure funding for their events. He has also served as the creative director of Princeton South Asian Theatrics and was president of the nationally ranked Princeton Cricket Club.

Another force in the USG is **Jason Adler**, who has coordinated its popular free movie program, managing the budget and selecting films for student showings at the Garden Theatre every Thursday, Friday, and Saturday night. Jason has

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May 17, 2017 Volume 117, Number 12

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Digital Editor, Sports Editor

Brett Tomlinson

Class Notes/Memorials Editor

Nicholas DeVito

Senior Writer

Mark F. Bernstein '83

Writer

Allie Wenner

Art Director

Marianne Nelson

Publisher

Nancy S. MacMillan p'97

Advertising Director

Colleen Finnegan

Student Interns

Juliette Hackett '17; Megan Laubach '18;
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Joseph Bakes

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River Graphics

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Local Advertising/Classifieds

Colleen Finnegan

Phone 609-258-4886, cfinnega@princeton.edu

Ivy League Magazine Network

Heather Wedlake, phone 617-319-0995

heatherwedlake@ivymags.com

Address Changes

alumrecs@princeton.edu, phone 609-258-3114

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COMING SOON

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Summer 2017

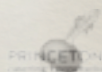
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Inbox

SUPPORT ALL WHO NEED IT

I want to applaud Princeton's efforts to engage and to help assimilate low-income students, as I personally endured all of the challenges described in "Negotiating College Life" (On the Campus, March 1). In high school, I helped feed my family with the leftover chicken from my part-time job at KFC, and I couldn't even afford a suit upon graduation from Princeton. To save money, I never joined an eating club, and I worked several part-time jobs while I was a student. At Princeton, people like me learn to endure four years of having overprivileged children looking down their noses at you.

Upon graduation, Career Services offered that I should "try calling some alumni and just be patient." That led to my being a roofer for three years. A random encounter with a high school classmate helped me to land my first engineering job, and from there I've worked my way up to bigger things.

The sticking point for me with this article is that it seems to want to exclude white people. Princeton should take care to include all low-income students. It should be clear that there are in fact underprivileged students of all races and of all heritages and who are not necessarily first-generation who can benefit from the University's guidance services. I give full credit to Princeton for attempting to show improvement in these areas. I hope that my feedback on past surveys has contributed to the University's decision to address these

issues and will help it become the place it strives to be.

Robert Osborne '96
Cedar Grove, N.J.

DEBATING, WITH FACTS

There is a vigorous debate to have about the role of government in regulating the private lives of citizens. That's a discussion worth having — as long as we are honest about the facts.

Attendees at the Day of Action's panel discussion on reproductive rights (On the Campus, April 12) were told that abortion creates "greater risks for conditions such as placenta previa, future premature births, and mental distress." The risk of post-abortion depression is no greater than the risk of postpartum depression; both are more likely in women with a previous history of depression. Abortion does not increase the risk of placenta previa or future premature births.

Professor John Londregan mentioned that pregnancy is "temporary" and "a part of our natural life cycle." Pregnancy carries a greater risk of death and disability than abortion. It is absurd to suggest that because something is "natural" that we should force people to experience it.

When abortion is limited, women die. They die from illnesses that can't be treated without termination. They die from illegal abortions; women have sought abortions throughout recorded history.

We can reduce the number of abortions: Increase access to contraception, and

FROM PAW'S PAGES: 10/7/69

Fashionable Tigers

DEAR SIR:

To my knowledge, no one has yet given thought to the impact of women on fashion at Princeton. I became acutely aware of this when my wife, who was looking at the pictures in your excellent Reunion issue, said "When the girls get there you'll certainly have to do something about those Reunion outfits!" "Whatever do you mean?" I asked, shocked at her irreverence. "Well," she patiently explained, "there isn't the faintest chance that the girls will want to dress alike. No girl ever wants to be seen in exactly the same outfit another girl is wearing." "You have a point there," I reluctantly concluded. . . . "The colors are another problem," she added. "Everybody knows that orange and black only look well on redheads. The brunettes will possibly want some shade of red, and the blondes will vote for blue which is always their best color." "Now you've gone too far," I protested. "Red and blue . . . those are the colors of Harvard and Yale." "So what," she scoffed, "you can just call it an ecumenical reunion!"

Where will this all end?

HARDING JOHNSON JR. '39
New York, N.Y.

provide comprehensive support for women who wish to parent. Most women who seek elective termination in the United States are mothers who can't afford another child. If Professor Londregan and his colleagues would like to reduce the number of abortions, I urge them to stop promulgating falsehoods and to work to improve contraception access and support for prenatal care, infant nutrition, and early childhood education.

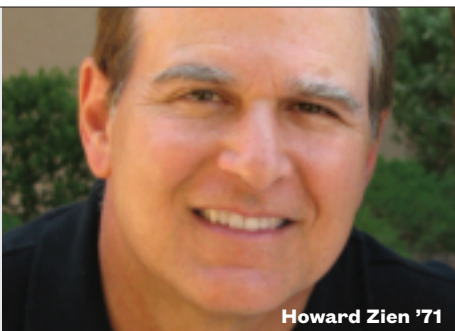
Jenni Levy '82, M.D.
Allentown, Pa.

Editor's note: A longer version of this letter can be found at PAW Online.

PAW TRACKS



IN THE MIDDLE: When students went on strike in May 1970, Howard Zien '71 went to class — and encountered jeers that made him realize how difficult it is to find middle ground during times of passionate protest. Listen to Zien's story at paw.princeton.edu.



Howard Zien '71

MORE VIEWS ON THE ELECTION

Nell Irvin Painter does not accurately describe me (a white woman who voted for Trump) when she defines the slogan "Make America Great Again" as a call for the "return to the times when white people ruled" (essay, March 1). I do not believe she speaks for President Trump, either. The president has made it very clear that his goal is to put all American workers



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back to work, not just white workers.

Another mistaken and offensive idea expressed in this article is that the white men in charge now will be “governing as white,” which includes the intention of taking America “back to before multiculturalism, ... before the reign of political correctness.” No to the first, yes to the second. Because many Americans are weary of needless political correctness (removing mirrors from school bathrooms to de-emphasize young people’s focus on appearance, for example, or the liberal obsession with myriad new definitions of sexuality and sexual expression taking up class time in schools) does not mean we do not embrace multiculturalism and the nature of America as a diverse nation built by immigrants (of all colors, by the way).

The author’s simplistic depiction of the philosophical and policy differences between the two major political parties is not worthy of serious consideration. It seems in Ms. Painter’s worldview, one party has all good ideas and motivations and the other has all bad ideas and motivations.

If this is what passes for academic discourse at Princeton today, I am seriously disappointed.

Beth Cole '81
Palm Beach, Fla.

Speaking as someone who felt the harsh split between my largely urban, liberal friends and my relatively spread-out, conservative family, I found the March 1 essay by Tom Bevan '91 to be an interesting takedown of overconfidence in our own assumptions and in our “experts.”

That said, I think his statement that some of the same experts who believed Trump would not be nominated or elected “are declaring with absolute certainty that he will be a failure as president and a one-term” confuses two very different things: winning an election versus governing.

I appreciate Bevan’s point that these pundits are making the same mistake in misunderstanding all the forces at work in an election. But it’s false equivalence to equate that mistake with the validity of any prediction around success or failure in the presidency. That, in fact, is a prediction on Trump’s ability to govern. Whatever metrics or criteria you

REUNIONS 2017

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in American Ideals and Institutions

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Robert J. Burkhardt, Jr. '62, founder, Eagle Rock Charter School

Diana Foster '72, works with at-risk students, and with Outdoor Action

Mark Peevy '92, leader in both charter schools and technical education

Kevin Hudson '97, Assistant Director for College Opportunity, Princeton University

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TeacherPrep
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Friday, June 2, 1 pm, McCosh 46

Inbox

use to rate his success or failure, they're very different than those of winning an election. Especially in our environment of constant campaigning/posturing/brand-building, we could all do well to remember that.

Luke Owings '07

Wolfeboro, N.H.

HELP, NOT PUNISHMENT

Thanks for the nice article about Steve McNamara '55 and his work with the *San Quentin News* (cover story, March 22).

I worked as a psychiatrist with prisoners in the Washington, D.C., system for 15 years, and I know exactly what he's talking about. If you get to the point where there is mutual trust (which is a lot easier than one might think), you see quickly how much parental example influences behavior. You want to help, not punish, and it's amazing how easy it is to help with just time and energy. Prisoners are generally people who have nothing and are extremely grateful for anything you give them. And there are so many interesting, decent, and brilliant people locked up!

Peter Roemer '59

Rockville, Md.

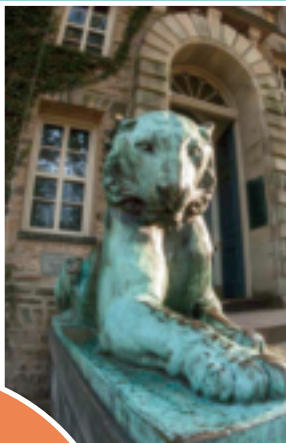
COUNTERING CYBERATTACKS

The article on the Princeton-Fung Global Forum (On the Campus, April 12) quotes Microsoft President Brad Smith '81 as saying that a "digital Geneva Convention" would cause governments "to step back and pledge that they will not hack the accounts of journalists or other private citizens who are involved in the infrastructure of our democracy."

While it may be that Mr. Smith is just naive, it is more likely that he has little knowledge of the "black internet" fraught with villains who could not give a hoot about any "Geneva Convention." There are too many incentives for "bad guys" to engage in malicious intrusions — that is, hacking — of what is essentially a wide-open internet. There currently is virtually no defense against "zero-day" (previously unknown) exploits, despite industry and governments spending hundreds of millions of dollars on perimeter firewalls. The list of organizations that have experienced successful attacks on their servers, losing literally billions of

Thank You

to the more than 400 alumni who partnered with us this year to share their insight and help Princeton students to explore career interests.



100

provided advice as guest speakers or panelists

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205

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14

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CAREER SERVICES
AT PRINCETON UNIVERSITY

Inbox

dollars and confidential information, is legion: AT&T, Yahoo, Target, Apple, the Pentagon, etc.

Is there a solution? Stay tuned!

John R. Martinson Sr. '57
Houston, Texas

RATING SUSTAINABILITY

Our office was delighted to read Frank Ellis' and Richard Tombaugh's (both '54) invocation for Princeton to improve its sustainability ranking (Inbox, Jan. 11). The authors correctly intimated that ranking systems can sometimes be misaligned with the most meaningful impact universities can have (e.g., innovative behavioral-science and technology research in sustainability, on-site demonstrations of sustainability inquiry, collaborative partnerships). Sometimes pursuit of our institutional mission and commitment to evidence-based, meaningful impact means sacrificing some forms of recognition.

Moving the needle on sustainability is a collaborative process, with Princeton innovating through a distributed

leadership approach and participation in collective-impact objectives across all of higher education. This approach involves long-range, complex systems thinking and partnerships of varying character and context. Because of the need for locally informed solutions to global sustainability challenges, we believe the institutions involved in this endeavor are more appropriately rated rather than ranked.

Toward that end, we participate in the most widely used and reputable sustainability-tracking resource in higher education: the Association for the Advancement of Sustainability in Higher Education's Sustainability Tracking, Assessment, and Rating System (STARS). This tool, much like the LEED rating system for buildings, allows schools to pursue credits that are the most relevant to their context and strengths. STARS enjoys credibility because the process of developing STARS credits is transparent, as are all the data submitted.

Shana S. Weber
Director, Office of Sustainability
Princeton University

AFFIRMATIVE ACTION: A DEFENSE

In March, the University became embroiled in a dispute regarding the confidentiality of using affirmative action in admissions, a practice that a conservative interest group, Students for Fair Admissions (SFA), is portraying as a civil-rights violation against Asian applicants. The University filed a lawsuit to block the release of documents relating to a civil-rights complaint that SFA filed with the Department of Justice (On the Campus, April 12).

There is a pervasive, pernicious media narrative that affirmative action harms Asians. But that is simply not the case. Affirmative action is a positive policy, meant to include minority groups who historically have not had the same educational opportunities due to socioeconomic disadvantages, among other issues. We need to recognize that affirmative action, though it may be unfair, is not a civil-rights violation. A rejection from Princeton University is not the same as disenfranchisement, so let us not conflate the two.

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The Hon. Cheryl Pollak '75, PICS Alumni
Partner and supervisor, U.S. District Court
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PICS was founded by the Class of 1969, and its internships for Princeton undergraduates are created and funded by Princeton Alumni, Classes and Regional Associations

It is far too easy to scapegoat affirmative action for the capriciousness of college admissions. The University's goal of creating a well-rounded community does not correspond with the applicant's notion that hard work and accomplishment will automatically lead to admission. Princeton does not owe admission to smart people, but it does have a duty to its current student body to provide the most informative educational experience. Being exposed to diverse worldviews is important to the student body's intellectual growth outside of the classroom.

Contrary to many narratives, affirmative action can actually help Asians from traditionally disadvantaged subgroups. The Asian Law Caucus's amicus brief on *Fisher v. University of Texas* finds that there are "large disparities in educational attainment among Asian American ethnic groups ... The educational attainment of Hmong, Cambodian, Laotian, and Vietnamese Americans is the lowest among Asian American ethnic groups and similar to

those of Latinos and African Americans."

The most difficult step is seeing past how much it seems we stand to lose and consider how much affirmative action benefits our fellow people of color. In an issue as personal and important to the Asian community as education, the stakes are high, and rejection seems hard to justify when you have worked so hard. We need to move beyond assigning an agenda to black, Latinx, and Native American students. They are not stealing spots; they are not the culprit. The continuous dispute over affirmative action should compel us to reflect on whom we are pointing our animosity toward and how we position ourselves among other ethnicities.

Alis Yoo '19

Nicholas Wu '18

**Princeton Asian American
Students Association**

FOR THE RECORD

A research paper by economists Anne Case '88 and Angus Deaton found that in 1999, the mortality rate for white non-Hispanics aged 50–54 with a high-school

diploma or less education was 30 percent below the rate for black non-Hispanics of the same age group averaged over all education levels. By 2015, the research paper found, the pattern had reversed. An April 26 *Life of the Mind* story incorrectly described one of the groups being compared.

WE'D LIKE TO HEAR FROM YOU

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News from the Alumni Association

aluminary

Anthony M. Fittizzi '97
Chair, Committee
on Reunions



c. 2016
(with wife Giselle)



c. 1995
(on left, with his brothers)

To learn the many ways to stay connected to Princeton, contact the Office of Alumni Affairs at 609-258-1900 or www.alumni.princeton.edu

The oldest of three brothers, Anthony Fittizzi grew up near Albany, NY. While he was committed to studying engineering in college, with Rensselaer Polytechnic just across the river, Anthony wanted a school that also embraced the liberal arts. Princeton was that school.

When he first arrived in the fall of 1993, having graduated from an all-male Catholic military academy, his first reaction was, "It didn't feel real. I had come from such a small community, and then here I was among people from all over the world." He quickly became acclimated: "It was a great environment, a place where people respected others and embraced those from different walks of life." He made new friends, and the bonds of friendship created relationships akin to family.

Family. The common thread through Anthony's life. His brothers Rocky ('99) and Garrett ('00) joined him as undergraduates, with all three on campus for Anthony's senior year. It was a special time when his real and Princeton families came together. And his favorite memory is of walking at the front of the 2016 P-rade with his children. "The University has been so good to my family and me," he shares, "that I'll always do my best to help when called on."

He has answered the call often since graduation. He has been an Alumni Schools Committee interviewer, a member of the Council of the Princeton University Community (CPUC) and a director of the Princeton Area Alumni Association. He was Reunions co-chair for his 10th reunion and has been on the Alumni Council Committee on Reunions (COR) since 2007, serving as the Committee chair for the past two years.

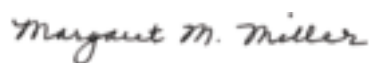
The Committee on Reunions is made up of past Reunions volunteers of all stripes, from former chairs and treasurers to tech and crew experts. Members act as liaisons to current Reunions volunteers, sharing best practices and tackling new initiatives. And, of course, notes Anthony, "its primary goal is to involve the greatest possible number of alumni, with family and friends, in the biggest and best family gathering of them all: Princeton Reunions."

Dear Princetonians:

Alumni volunteers from across the classes and the Association of Princeton Graduate Alumni have been hard at work for months (and sometimes years) to make Reunions 2017 one of the most memorable ever. So, come back to Old Nassau the weekend of June 1-4 to reconnect with old friends and meet new ones; dance under the stars; attend the Alumni Faculty Forums; and, of course, march in the one and only P-rade.

We can't wait to see you!

With best wishes,



Margaret Moore Miller '80

Deputy Vice President for Alumni Affairs
Director, Alumni Council

<http://alumni.princeton.edu/calendar/>



Graduate Alumni

Join the APGA and fellow Tigers at Reunions 2017: Reunions are in our DNA

2017 Highlights:

- APGA Headquarters in Cuyler Courtyard
- Three nights of entertainment
- Family-friendly courtyard with inflatable bounce house and slide, spin art, science experiments, face painting and more
- Academic programming specific to the Natural Sciences

Thursday, 6/1

- Dinner celebration with current graduate students who have recently taken their Generals exams
- Graduate student and alumni DJ showcase
- After-party at the DBar

Friday, 6/2

- Alumni panels on personalized medicine and diversity in STEM
- Interactive demonstration (and tasting) on the science behind wine and cheese production
- Individual departmental talks and receptions
- Welcome dinner with fellow graduate alumni
- Late night party with local favorite Brian Kirk and the Jirks

Saturday, 6/3

- Mimosa breakfast reception
- Festive lunch including family fun for all ages
- The One and Only P-rade
- Dinner celebration with graduate alumni and graduate students
- Late night dancing with world-class NYC band Atomic Funk Project

Help us help others: The APGA has partnered with the Class of 1987 and the Pace Center to support the Community House Summer STEAM Program. APGA Reunions attendees are asked to donate various supplies needed to set up the program's summer classroom. A collection box will be available at APGA Headquarters

Save money! Register online for Reunions 2017 by May 12: <http://alumni.princeton.edu/apga/reunions/2017/>
On-site registration also available.

Make APGA Headquarters your home during Reunions weekend and register today!

Reunions 2017



Reunions are in our DNA



Reunions, June 1-4

It's Never an Off Year!

Information for Satellite Registration & Wristbanding



Whether it's your 7th or 57th, your 14th or 41st, you're invited to gather with your fellow Princetonians at the Best Old Place of All. Here's what you need to know if you're a "satellite" of a major.

Who can get a wristband and how much does it cost?

For Satellite Classes of the 10th – 65th Reunions (1953 - 2010)

- **Wristbands are FREE for you** and one adult guest (21+).
- Your children or grandchildren, along with their respective spouses/partners, may also be wristbanded for free.

For Satellite Classes of the 5th Reunion (2011 - 2016)

- **You may register at the door** for \$100 (payable to the 5th Reunions class by credit card only).
- You may register one adult guest at the door for \$100 (by credit card).

Unrelated minor guests and additional adult guests are not eligible for a wristband, but they are welcome to join you at daytime festivities located outside of Headquarters sites – such as the P-rade, fireworks, academic programs, sporting events, and more.

Where are wristbands available?

When you arrive on campus, your first stop should be your registration/wristbanding location!

MAJOR REUNION	SATELLITE CLASSES	REGISTRATION/ WRISTBANDING
5th	2016, 2015, 2014, 2013, 2011	Baker Rink Tent
10th	2010, 2009, 2008, 2006, 2005	Baker Rink Tent
15th	2004, 2003, 2001, 2000	Baker Rink Tent
20th	1999, 1998, 1996, 1995	Baker Rink Tent
25th	1994, 1993, 1991, 1990	Baker Rink Tent
30th	1989, 1988, 1986, 1985	Baker Rink Tent
35th	1984, 1983, 1981, 1980	Baker Rink Tent
40th	1979, 1978, 1976, 1975	Alexander Hall
45th	1974, 1973, 1971, 1970	Alexander Hall
50th	1969, 1968, 1966, 1965	Alexander Hall
55th	1964, 1963, 1961, 1960	Alexander Hall
60th	1959, 1958, 1956, 1955	Alexander Hall
65th	1954, 1953	Forbes College
Old Guard	1950 and above	Forbes College

On the Campus



No, those aren't carelessly discarded mortarboards. Hundreds of plastic tiles, which had been used as flooring under a tent during the ¡Adelante Tigres! conference March 30–April 1, awaited collection outside Little Hall early last month.
Photograph by Ricardo Barros



New Names on Campus

West College to become Morrison Hall; WWS auditorium to honor W. Arthur Lewis

West College will be renamed for professor emerita and Nobel laureate in literature Toni Morrison, the University announced last month, and Dodds Auditorium — the most prominent teaching space in the Woodrow Wilson School’s Robertson Hall — will be renamed the Arthur Lewis Auditorium. It honors W. Arthur Lewis, a winner of the Nobel Prize in economics and a member of the Wilson School’s faculty from 1963 to 1983.

The name of former Princeton president Harold Dodds ’1914 will be transferred to the atrium of Robertson Hall, recognizing Dodds’ role in the development of the Wilson School.

“By taking these steps we begin to recognize more completely the extraordinary range of individuals and groups that have made this University what it is today,” President Eisgruber ’83 said, “and to inscribe upon the fabric of our campus a fuller account not only of Princeton’s history, but also of the commitments to both excellence and inclusivity that must guide our aspirations for the future.”

The changes, approved by Princeton trustees to take effect July 1, were recommended by a committee created to suggest names for buildings or other spaces “to recognize individuals who would bring a more diverse presence to the campus.”

The naming review was one of several

initiatives resulting from the report of the University trustees’ Wilson Legacy Review Committee, which was formed following a Nassau Hall sit-in by the Black Justice League in November 2015 that raised issues of Princeton’s racial climate and the legacy of Woodrow Wilson 1879. More than 210 members of the University community submitted naming suggestions through a website created last fall.

Morrison taught courses at Princeton in the humanities and African American studies from 1989 to 2006, and her papers are part of the University library’s permanent collection. In 1993, she became the first African American to win the Nobel Prize in literature. Morrison gave the keynote address at the University’s 250th anniversary celebration in 1996 — titled “The Place of the Idea, the Idea of the Place” — and she received an honorary doctorate from Princeton in 2013.

Lewis taught courses in economic development and economic history at

“By taking these steps we begin to recognize more completely the extraordinary range of individuals and groups that have made this University what it is today.”

— President Eisgruber ’83

Princeton from 1963 to 1983. He was knighted by Queen Elizabeth in 1963 and won the Nobel Prize in economics in 1979, and he remains the only person of African descent to win a Nobel Prize in a field other than literature or peace. He died in 1991. (See related story on Lewis on page 18.)

Eisgruber described West College, built in 1836, as “the most prominent and central building on campus that is not currently named to honor an individual, family, or group.” The “west” in West College refers to its location to the west of Cannon Green. The building was originally a student dormitory; it is now home to the admission office and the office of the dean of the college.

Other campus spaces named for black Princetonians are the Carl A. Fields Center, named for the assistant dean at Princeton who was the first African American administrator in the Ivy League; the Dickerson Room in the Fields Center, named for former vice president for campus life Janet Dickerson; the Barfield-Johnson seminar room in Stanhope Hall, named for Jon Barfield ’74, Kimberly Johnson ’95, and Mark Johnson ’95; the Hobson-Rogers seminar room in Stanhope Hall, named for Melody Hobson ’91 and John W. Rogers ’80; and the Rogers team rooms in athletics facilities, also named for Rogers.

Last winter, the Princeton Club of New York changed the name of its dining room from the Woodrow Wilson Room to Nassau 1756, the year Nassau Hall opened its doors, said club president Richard Block ’73. He said that the club’s board acted after a group of minority members had requested changing the name. ♦

By A.W.

THREE MAJOR PROJECTS

University Proposes Sites for Buildings

The University announced April 17 that it is looking at a site south of Poe and Pardee fields, the traditional end of the P-rade at Reunions, as the location for a 500-student residential college.

At the same time, Princeton said that an area along Ivy Lane and Western Way, north of the football stadium, is a potential site for an expansion of the engineering school and for facilities to house environmental studies and the departments of geosciences and ecology and evolutionary biology (EEB).

President Eisgruber '83 described the sites as “promising locations” for the high-priority projects that emerged from Princeton’s strategic plan. But he added: “We have more work to do and more consultations to conduct before making final decisions, and we welcome comments from members of our campus, town, and alumni communities as we continue to refine our planning.”

Princeton has identified “promising locations” for a new residential college, expansion of the engineering school, and a building for environmental studies.

The future of the 275,000-square-foot EQuad, built in 1962, is still to be determined, according to Daniel Day, assistant vice president for communications. Also uncertain are plans for Guyot Hall, the 1909 building that houses geosciences, EEB, and the Princeton Environmental Institute.

More details are expected with the release of Princeton’s campus plan in the fall. After the locations are set, architects will be selected and fund-raising will take place.

From the time that groundbreaking occurs, Day said, it would take about five years for the residential college — Princeton’s seventh — to open. The proposed site, located between Elm

Drive and Roberts Stadium, is large enough to accommodate an additional residential college in the future, he said.

Located on the planned sites for the engineering and environmental facilities are parking lots, 30 townhouses for faculty and staff, and a building that houses the Center for the Study of Religion.

Emily Carter, dean of the School of Engineering and Applied Science, said new facilities are “absolutely crucial” to the school’s future. She said cramped and dated facilities “hamper our ability to attract and retain talent at every level.”

While all departments are affected, she said, computer science has been

New facilities are “absolutely crucial” to the future of the engineering school.

— Emily Carter, dean of the School of Engineering and Applied Science

squeezed most acutely because of a rapid increase in course enrollment and concentrators. The department is housed in all or parts of six buildings, she said. Initiatives in bioengineering and robotics also require much more space, she said, and “we have to make the case to our alumni, parents, and friends” to support expanded facilities and faculty.

The University said it anticipates a variety of uses south of Lake Carnegie, and that it is considering building a bridge for pedestrians and cyclists to cross the lake near DeNunzio Pool. Among the possibilities for the land, in West Windsor Township, are tennis courts and softball facilities to replace those on the site of the new residential college; buildings for academic and innovation initiatives; and housing for graduate students and postdocs. All academic classrooms and all undergraduate housing would continue to be located north of the lake.

◆ By W.R.O.



Proposed site for new residential college

Proposed site for engineering and environmental studies

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On the Campus



Professor W. Arthur Lewis gives a talk in the 1970s in the Robertson Hall auditorium that will be renamed in his honor.

'Larger Than Life'

Colleagues remember W. Arthur Lewis

Despite his honors and achievements in development economics, many Princetonians had not heard of W. Arthur Lewis until the University announced last month that the main auditorium in the Woodrow Wilson School's Robertson Hall would be renamed in his honor. Who was he?

Lewis became the University's first black full professor when he was hired in 1963 as an economics and international affairs professor. He already had a distinguished reputation in academia and public policy. "He was larger than life," said economics professor Gene Grossman, whose first teaching assignment at Princeton was with Lewis.

Colleagues in the Wilson School and the economics department recalled Lewis as "brilliant." In research and in life, Lewis concentrated on global poverty. He is known for his groundbreaking work in the field of development economics, for which he introduced models for studying economic structures in developing countries. He published 80 professional articles and 12 books on the subject.

Colleagues said his research, including the introduction of the dual-sector model (also known as the Lewis model), is still referenced and relevant today. His model describes the transition of excess labor from traditional agricultural employment to capital-intensive industry in developing countries.

He was knighted for his contributions to economics the same year he moved to Princeton. Lewis won the Nobel Prize in 1979, and he remains the only black person to be honored in a category other than peace or literature. He retired in 1983, and received an honorary degree from the University in 1988.

Lewis also was the first economic adviser to Ghana, the managing director of the U.N. Special Fund, and the president of the Caribbean Development Bank.

Lewis died in 1991 and was buried near his birthplace in St. Lucia. A college on the island is named after him, and his face appears on the \$100 bill used by several eastern Caribbean countries.

Several colleagues described Lewis as "a man of culture and society" with a great sense of humor. He was committed to his research and his students, they said, and despite his professional success, was humble and interested in helping others.

The University's Sir W. Arthur Lewis Fund supports summer internships for M.P.A. students, with priority given to underrepresented minorities.

"He was an encouraging kind of mentor, and he saw the best in people and the best that people could do," said Robert Tignor, professor emeritus of history, who authored the book, *W. Arthur Lewis and the Birth of Development Economics*. "He helped to create an entire generation of development economists."

By Anna Mazarakis '16

Courtesy of the Lewis Family

Trying to Explain Terrible Events

CLASS CLOSE-UP: Modern Evil

Teacher: English professor
Simon Gikandi

Focus: The class is exploring questions pertaining to evil in the contemporary world, as represented in literature and film. Students study events in the 20th and 21st centuries — including the Holocaust, the Rwandan genocide, and the Sept. 11 terrorist attacks — and consider themes like the relationship between perpetrators and victims, personal responsibility and the suffering of others, and reconciliation and community rebuilding.

Background: Gikandi created the course to address students' questions following the Sept. 11 attacks. "The public discourse was asking the question of 'Why did this happen to us?'" he said. "There are different types of evil, and once we remove theology from it, they become very complicated because things just don't happen by accident. How do we explain these terrible things that happen to us? So I wanted to select events and books that talk about those things."

On the reading list: Reading selections include *We Wish to Inform You That Tomorrow We Will Be Killed With Our Families* by Philip Gourevitch, *The Reluctant Fundamentalist* by Mohsin Hamid '93, and *Survival in Auschwitz* by Primo Levi; films include *The Act of Killing* by Joshua Oppenheimer and *Forgiveness* by Ian Gabriel.

Key takeaway: "Responsibility, because that's the most important thing — are we responsible for others? Whenever things like mass killings, genocide, or war happen, we have to confront the question of 'what is our responsibility to other people when they are suffering?'"

♦ By A.W.

REUNION LECTURE



Edmund Clark, *Negative Publicity #035* (Detail from the kitchen of a man formerly imprisoned in a CIA black site), from the series *Negative Publicity: Artefacts of Extraordinary Rendition, 2014*. Collection of Christopher E. Olofson, Class of 1992 © Edmund Clark, Courtesy Flowers Gallery, London and New York

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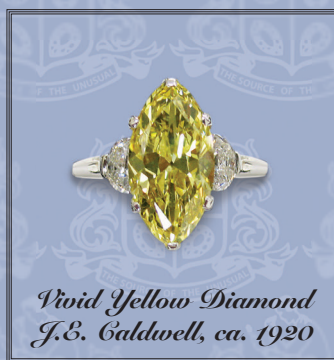
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Professors
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Irene Small,
and
Anna Arabindan-Kesson

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James Madison Program

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June 2, 2017
4:00-6:00 pm at
Butler College,
1915 Room**



Construction of the University's arts complex, designed by Steven Holl Architects, is scheduled for completion this summer.



The former Dinky freight building is being expanded and renovated as a restaurant.

OCTOBER CELEBRATION PLANNED

Arts Center Nears Completion

Alumni returning to campus for Reunions will find that construction of the Lewis Center for the Arts, between the Dinky station and McCarter Theatre, is in its final stages. Pictured at left in the photo above is the music building, which will house a large rehearsal room and smaller practice rooms and teaching studios suspended from the roof to provide sound isolation. The six-story tower to the right will include a dance studio, art gallery, box office, arts library, and administrative offices. The Wallace Dance Building and Theater, located in the cylindrical structure at right rear and in the rectangular building in the center to which it is attached, will house a black-box theater, a dance theater, faculty offices, and acting studios.

The central plaza will include a reflecting pool; located a level below will be a forum with an 8,000-square-foot

lobby that connects all three facilities. The complex is expected to be ready for the fall semester; a celebratory opening weekend Oct. 5–7 will include performances, concerts, and exhibitions.

Just north of the arts complex, in the photo inset above, work continues on the conversion of the former Dinky cargo and freight building into Cargot Brasserie, planned to open in June. It is adjacent to the Dinky Bar & Kitchen, which opened last summer in the former rail station. ♦ By W.R.O.

IN MEMORIAM



The Rev. FREDERICK BORSCH '57, Princeton's dean of religious life and the Chapel from 1981 until 1988, died April 11 in

Philadelphia. He was 81. During his time at Princeton, Borsch created the Interfaith Council, started programs that connected students' faith with their academic work (including the series "What Matters to Me and

Why"), expanded support for LGBT students, and helped raise more than \$8 million for programming initiatives geared toward minority students. He also taught in the Program of the Ancient World and held the title of lecturer with the rank of professor. A University trustee from 1998 to 2002, Borsch served as interim dean of religious life and the Chapel in 2007.

Professor emeritus of mathematics **GERARD WASHNITZER '50** died April 2 in Scotch Plains, N.J. He was



91. Washnitzer was hired as a professor of mathematics in 1963 to strengthen the department's algebra contingent, and taught at the University until his

retirement in 1995. He was known for his work in algebraic geometry and loved history — particularly the history of mathematics — often scouring obscure mathematics papers for ideas. ♦

IN SHORT



Forty-six people from 28 countries took the **OATH OF CITIZENSHIP** during a naturalization ceremony April 12 in Robertson Hall. In his welcome, President Eisgruber '83 reflected on the oath he took when he became University president, saying: "If you and I are to fulfill our shared promise to support the Constitution, we must dedicate ourselves to the ideals that animate it." The new citizens included one undergraduate and two faculty members.

Mathematics professor John Pardon '11 has received a five-year, \$1 million grant as a recipient of the **NATIONAL SCIENCE FOUNDATION ALAN T. WATERMAN AWARD**, the nation's highest honor for scientists and engineers under age 35. Pardon, the University's valedictorian in 2011, was recognized for "revolutionary, groundbreaking results" in geometry and topology. He joined the Princeton faculty in 2016.

Film director, screenwriter, and producer **BAZ LUHRMANN**, who directed the 2013 film adaptation of F. Scott Fitzgerald 1917's *The Great Gatsby*, will speak at the Class Day ceremony June 5. Luhrmann's other films include *Strictly Ballroom*, *Moulin Rouge!*, and *Romeo and Juliet*.

Princeton students, faculty, and staff participated in the **MARCH FOR SCIENCE**, an April 22 event in cities across the country to "call for science that upholds the common good and for political leaders and policy makers to enact evidence-based policies in the public interest." Members of Princeton Citizen Scientists, Princeton Advocates for Justice, and Princeton Graduate Students United attended the march in Washington, D.C., as did affiliates of the departments of geosciences and chemistry. Faculty, students, and postdocs also participated in a satellite event in Princeton. ♦

Nick Barberio/Office of Communications

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Crew members Rachel Cooper '19 and James Tralie '19 interview students for a *Princeton Tonight* segment.

On Air, On the Fly

New life for an old-fashioned concept: Students create a TV variety show

Cut the music!" It's late night on a Tuesday, and the normally quiet halls of East Pyne are echoing with the sounds of disco. As a Bee Gees medley breaks off mid-wail, Ryan Ozminkowski '19 directs 20 undergrads toward the task at hand: production planning for *Princeton Tonight*, the University's first student-run broadcast television program.

Ozminkowski and showrunner Jordan

Salama '19 assess the status of the April episode. Can they lock down a cameraman to film the show's cold open? Is the standup segment in shape for filming on Wednesday? Who's

The group's medium of choice: not Facebook, nor Snapchat, but local public-access television.

handling publicity for the episode's centerpiece — an interview with *Saturday Night Live* star Cecily Strong, to be held on Thursday in front of a live audience in McCosh 50?

"We're all sold out for the event — great," Salama says. "But we want to make sure people actually come."

There's something charmingly old-fashioned about Princeton's newest media club. *Princeton Tonight* is a throwback to TV variety shows, with sketches, musical acts, interviews, documentaries, and gonzo man-on-the-street antics rotating through the show with no set format. The group's medium of choice: not Facebook, nor Snapchat, but local public-access television. (Episodes are, of course, also available on YouTube.) Its host, Marcelo Lukes '19, dresses sharp like a hipster but projects the warmth of a fuzzy old sweater.

The guest list leans heavily on nostalgic throwbacks and established masters. The show's biggest "gets" include Oscar-winning makeup artist John Caglione Jr., *Full House* star Dave Coulier, and the one and only Art Garfunkel. Salama says his dream guests for next year are Paul McCartney and James Taylor ("the concept of the show came to my mind with the idea of James Taylor"). Other staffers name Diana Ross, Paul Simon, Bruce Springsteen,



Onstage in McCosh 50: *Saturday Night Live* cast member Cecily Strong, left, and Alexis Andres, dean of Whitman College.

Photos: Sameer A. Khan



Ryan Ozminkowski '19, *Princeton Tonight* executive producer, and James Tralie '19 prepare for filming.

and Billy Joel to their wish lists.

Salama and Ozminkowski hatched the idea for *Princeton Tonight* early on in their freshman year. They envisioned the show as a technical and creative training ground for students hoping to work in entertainment. And so, with the support of the Office of the Dean of Undergraduate Students (ODUS) and the Princeton Broadcast Center, they've plunged into the deep end of television production.

The show's crew — now 50 students strong — has learned plenty of lessons along the way: how to mike musical guests in a TV studio usually wired for news-show talking heads; how to run a writers' room; how to court, book, and wrangle celebrity guests. Above all, they've learned how to adapt on the fly without losing their cool.

Princeton Tonight's season-finale interview with Cecily Strong (co-sponsored by ODUS) is a perfect example. The initial plan was to feature the interview with Strong on the show's April broadcast. Then, on the day of the event, bad news comes in from Strong's agent: NBC owns exclusive rights to the TV star's image, and won't allow her to appear on the show. *Princeton Tonight's* producers quickly come up with a backup plan. Instead of broadcasting their talk with Strong (which would go ahead as planned for the enjoyment of the live audience), they will interview spectators about her and have them do their best impressions of her characters.

With a plan B in place, Salama focuses on the bright side: Their show is officially big enough to count as a potential breach of contract! "It was pretty cool that NBC acknowledged *Princeton Tonight* and the work we're trying to do," he says. ♦ By David Walter '11

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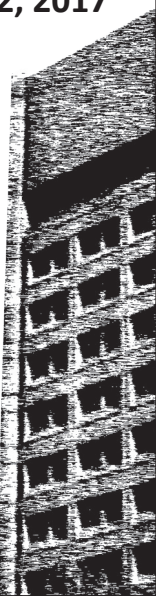
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Alumni Open House

Friday, June 2, 2017

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for fun,
refreshments,
and maybe even
some math!



Offering advice to senior-class members are, from left, Duncan Haldane, Christopher Sims, Eric Wieschaus, and Angus Deaton.

STUDENT DISPATCH

Life Lessons for the Class of '17, From Four Nobel Prize Winners

By Mary Hui '17



McCosh 50 has hosted many a Nobel Prize winner over the years, but four at one time? That's something special.

Four Princeton faculty members with Nobel medals — economists Angus Deaton and Christopher Sims, physicist Duncan Haldane, and biologist Eric Wieschaus — gathered last month to share their insights and advice as part of the Class of 2017 "Last Lectures" series, aimed at helping seniors "transition out of the bubble and into the real world."

The professors were both serious and humbly self-deprecating, poking fun at the improbability of their own successes. Breakthrough discoveries, Haldane said, hinge on being lucky enough to chance on connections between ideas — and being observant enough to notice those links. A Nobel Prize is "something you stumble across," he added.

Deaton, the son of a coal miner, recalled growing up in a small Scottish village where academics were not prized and that was not a good place "to think about almost anything." The family moved around during his childhood, and he always felt like an outsider. "A Nobel Prize doesn't cure that loneliness," he said, but he has come to appreciate not belonging as a "productive struggle" because it helps give him different perspectives and new ways of thinking.

Wieschaus initially regretted giving

up his dream of becoming an artist. But he now realizes that his artistic talent — the ability to intuitively recognize patterns and visualize how something would look — has been a cornerstone of his scientific work.

As a young boy, Sims had dreamed of being a jazz trombonist and mathematician. He didn't end up pursuing either one professionally — he doubted his raw talent in math, and knew early on he wasn't a top-notch musician — but he doesn't see this as a failure.

"Just because you're not the best doesn't mean you can't have a good time," Sims said. "Be flexible and confident in yourself to change course."

Haldane, in trying to boil his life's work down into one takeaway idea, had this to say: "Facts matter."

"The way the world works is just what is," he said, and not a matter of opinion or alternative facts. "I hope the country will continue along accepting that facts really matter," he added.

Ujjwal Dahuja '17 found the professors' stories of failure to be particularly memorable. "Traditionally, we tend to associate only success with people who win Nobel Prizes, but the event helped me realize that everyone undergoes failure," he said.

Jonathan Liebman '17 appreciated Deaton's personal reflections: "It's rare to see such an intellectual giant showing vulnerability to an audience, and I was touched by it." ♦

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photos of 2016-17 Ivy Champions courtesy of Beverly Schaefer



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WOMEN'S TRACK AND FIELD

World-Class

NCAA-champion Ratcliffe '17's collegiate career takes a few final spins

In the summer of 2015, Julia Ratcliffe '17 embarked on a carefully planned sabbatical year. Ratcliffe competes in the hammer throw — track and field's medieval throwing event that requires a spinning technique to hurl a 4-kilogram (8.8-pound) ball-and-chain contraption out onto a triangular pitch — and was seeking to improve her personal best of 70.28 meters (230 feet, 7 inches) by about two feet to achieve the Olympic qualifying mark of 71 meters.

"Given the academic pressures of Princeton, I didn't think I would achieve my goal if I combined my senior year with concentrated training. I wanted to give myself the best opportunity to qualify for Rio," she explains.

In preparation, her father — and *de facto* coach — constructed a hammer

facility at their home in the New Zealand countryside. "Occasionally I would throw a rogue hammer and it would go into the neighbor's property or would take out a new bush that Mom had just planted," Ratcliffe says, laughing. "We tried to keep those rogue hammers quiet, but I almost hit a cow and some sheep."

After undistracted preparation, Ratcliffe went after the elusive 71-meter mark. A gigantic throw in London improved her personal best to 70.75 meters, but she came up just 10 inches short of the Olympic qualifying standard.

"I put a lot of pressure on myself early to throw far even though I still lacked the training to do that," Ratcliffe says. "By the end of June [2016], I was finally making some difficult, technical breakthroughs. But I think it just came

too little, too late to be able to put it together in a competition."

Ratcliffe already was quite accomplished in the hammer throw when she first arrived at Princeton as a 19-year-old. The New Zealand national record-holder in the hammer, she had just finished fourth in the World Junior Athletics Championships. Coaches anticipated more great performances at Princeton and Ratcliffe delivered, becoming the first woman in team history to win an NCAA track and field title in 2014.

Ratcliffe — who holds both the Princeton and Ivy League records in the hammer and the school record in the indoor 20-pound weight throw — has a glittering, yet-to-be completed collegiate résumé that included five Ivy Heps titles heading into this year's outdoor league championships (results were not available for this issue). In the NCAA hammer finals, she finished 11th as a freshman, won the event as a sophomore, and was the runner-up as a junior after DeAnna Price, a 2016 Olympian, uncorked an NCAA-meet-record throw.

After just missing an Olympic berth last summer, the rising senior returned to campus knowing her classmates had graduated; Princeton's longtime women's track and field coach, Peter Farrell, had retired; and she faced writing her senior thesis. But "coming back was like coming home, and I made a bunch of new friends here," she says. "The people here made it so easy just to slip back into Princeton."

In the winter, Ratcliffe once again won the weight throw at the Heps indoor championships. Her top early-season hammer throw of 68.05 meters was easily the Ivy's best and No. 2 on this season's NCAA leaderboard. Eyeing June's NCAA Championships, Ratcliffe has a chance to become the first woman in school history to be a four-time national finalist in the same event.

Ratcliffe also aims to fulfill her quest to throw 71 meters — a mark that would qualify her for August's IAAF World Championships in London. "I think [qualifying] would raise my excitement because I've been chasing it for so long," she says, adding with characteristic understatement, "It would put a smile on my face." ♦ By Dave Hunter '72

Julia Ratcliffe '17 aims to return to the NCAA hammer-throw finals in June.



Beverly Schaefer

Journalism in a Post-Fact Era

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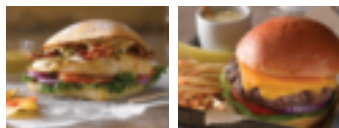
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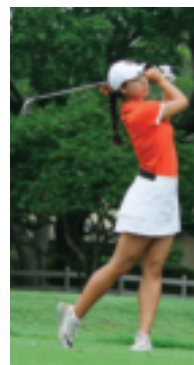
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On the Campus / Sports

SPORTS SHORTS



Amber Wang '19, left, scored under par in two of three rounds en route to winning the individual title at the Ivy League **WOMEN'S GOLF** Championships in Orlando, Fla., April 21-23. Princeton dominated the team competition,

combining for a 27-over-par 891, 31 strokes better than second-place Harvard. Alison Chang '20 placed second, three strokes behind Wang, and Hana Ku '17 tied for third, five strokes behind Wang.

MEN'S GOLF placed third at the Ivy Championships in Greenwich, Conn., April 21-23, led by Alex Dombrowski '17, who carded four birdies and an eagle in a final-round 67 to place second in the individual standings.

Bret Lundgaard, an assistant coach at the University of Tennessee, was named the new head coach of **WOMEN'S SWIMMING AND DIVING** April 19. Lundgaard is also a coach for the USA Swimming National Team, where he has guided the training of Olympic breaststroker Molly Hannis, a Tennessee alumna.

SOFTBALL won three of four games against Columbia April 21 and 22 to improve to 13-3 in Ivy play and clinch its second-straight Ivy South Division title.

WOMEN'S OPEN ROWING edged Yale by 1.2 seconds April 15 in a matchup of the top two crews in the Northeast.

Colby Chanenchuk '18 scored in double-overtime to lead **WOMEN'S LACROSSE** to a 12-11 win over Cornell April 22. The Tigers were in a three-way tie for first place in the Ivy League heading into the final weekend of league play.

MEN'S LACROSSE standout Michael Sowers '20 scored two goals and assisted on three others in a 12-9 win over Harvard April 22. Sowers increased his season point total to 70, breaking the record for an Ivy freshman. ♦

Life of the Mind



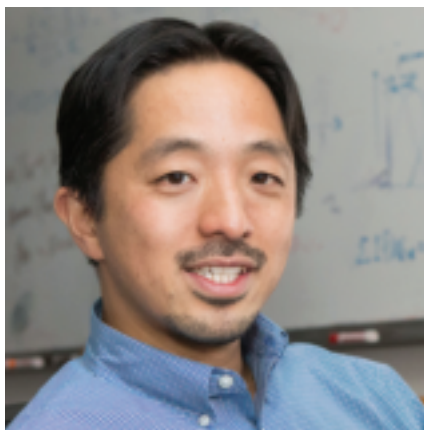
POLITICS

A Moral Defeat

Winning ‘hearts and minds’ might have unintended consequences

Since the Vietnam War, American military forces have responded to insurgencies by trying to win the “hearts and minds” of the population. By providing aid such as food, education, cash, jobs, and building projects, the thought goes, the military can win over civilians, who will then withdraw support from militants, causing attacks to decrease. In research on the Taliban in Afghanistan, however, politics professor Kosuke Imai and several colleagues found exactly the opposite — that providing aid and winning over “hearts and minds” led to an increase in attacks.

In a conventional war, the enemy is the soldier on the other side of the battlefield. In an insurgency, such as those the United



“Creating a lot of visible building projects actually may provide targets.”

— Politics professor Kosuke Imai

States and its allies have been fighting in Iraq and Afghanistan, however, it’s not so easy to tell. “Insurgents are part of the local population, so it’s very difficult to distinguish between who is fighting against you and who is a civilian,” says Imai.

“The Taliban are very aware of what is going on with the population and employ more violence where they are losing support in order to intimidate people,” he says. “Creating a lot of visible building projects actually may provide targets.” The findings have profound implications for how aid can be effectively delivered in a war zone to help sway “hearts and minds” without putting a target on people’s backs.

In 2011, Imai and Yale political science professor Jason Lyall surveyed 2,754 Afghans in 204 villages to gauge how the progress of the war was affecting local opinion. Lyall worked with a local survey firm to conduct interviews, while Imai, who directs the certificate program in statistics and machine learning, crunched the numbers stateside.



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Bring your items (*only as big as you can carry*) to Reunions and drop them off at the “Take It or Leave It” tent on the East Pyne South Lawn any time after 9 a.m. Thursday, June 1. And then go on your own search for more great finds! Items not claimed by a new owner by 9 p.m., Saturday, June 3, will disappear!

alumni.princeton.edu/goinback/reunions/2017/events/

Life of the Mind

“If you are going to try to win the locals’ support, then there must be a much tighter coordination between aid organizations and the military.”

— Kosuke Imai

Their initial findings, published in *American Political Science Review* in 2013, suggested that the Taliban had a significant “home field” advantage. When the Taliban committed attacks that victimized civilians, they continued to receive the support of the populace. When international forces committed similar acts — for example, mistakenly bombing civilians — “their actions had much larger negative consequences, since they were seen as outsiders,” says Imai.

In a new study of the data, published in January in the *Journal of Peace Research*, Imai and Lyall flipped their research on its head. Rather than measuring the effects of attacks on civilian support, the researchers measured how support for NATO’s International Security Assistance Force predicted the likelihood of future attacks in the area. They found even modest changes in favor toward outsiders led to a dramatic uptick in hostilities. For example, when residents of a village rose from the 50th percentile to about the 70th percentile in their support for NATO forces, they saw an average of 13 more IED attacks over a five-month period.

Those findings, says Imai, should be a warning to any military trying to pursue a “hearts and minds” campaign. “If you are going to try to win the locals’ support, then there must be a much tighter coordination between aid organizations and the military,” says Imai. Aid programs can’t just provide goods and services and then move on to the next village down the road, leaving civilians they’ve helped open to reprisals. “Everything is already tilted against outsiders coming in. So if they are going to succeed, then they need to make sure that aid programs are done with guaranteed military protection.” ♦

By Michael Blanding

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ECONOMICS

Do Charter-School Graduates Earn More?

You could forgive Will Dobbie, an assistant professor of economics and public affairs, if his work made him a bit glum. Not only is he a scholar of what's been called "the dismal science," his particular field of interest — public education — has stymied generations of policymakers. Now, with school-choice advocate Betsy DeVos heading the nation's Department of Education, battles over schools and their funding seem likely to intensify.



Dobbie

But Dobbie is an optimist, working to find out what will improve schools in the country's poorest areas. "The research community has made tremendous progress," he says, "and now we're thinking about whether short-term gains will translate into long-term gains. Then we'll be able to take a serious step forward."

In several papers written since 2011, Dobbie and collaborator Roland G. Fryer of Harvard University have been zeroing in on the characteristics of effective charter schools, publicly funded schools that operate independently. Strategies that work in charter schools — which can be easier to study than typical public schools — then can be implemented elsewhere, Dobbie says. The professors' work also illustrates the great differences among charter schools, which often are portrayed as monolithic in discussions about school choice.

Dobbie and Fryer's most recent working paper, released in July, explores how charter schools serving low-income Texas students affect test scores and — perhaps more important — earnings in a graduate's early career, allowing students to move out of poverty. The researchers paid particular attention to so-called No Excuses schools, which generally have strict discipline codes, school-uniform requirements, and extended hours. If there were gains in test scores and wages, Dobbie theorized, this is where they'd be seen.

The two researchers found that No Excuses schools did indeed have higher test scores and higher rates of four-year college enrollment, but mustered only a small and statistically insignificant increase in earnings. And at other charter schools, test scores, four-year-college enrollment, and earnings all were depressed.

The researchers could not be certain what caused these results, Dobbie says. One possible explanation for the finding that even high-scoring charter schools do not have a clear impact on earnings is an overemphasis on test preparation at the expense of teaching skills needed for a good job. "Some argue that familiarity with a foreign language, adeptness with social studies, and immersion in the arts are important elements of a liberal-arts education that instill creativity, problem-solving skills, grit, and other non-cognitive skills that are important for labor-market success," they write. "Others believe that these skills are essentially a 'luxury good,' and students (particularly those who are low-income) would be better served by focusing on basic math and reading."

Their studies, Dobbie says, should help policymakers predict which schools will fail — and feel more confident in closing schools in which students fall behind and do not go on to higher education. Now their focus is on what predicts success: If higher test scores don't lift wages, what will? ♦ By M.M.

IN SHORT

When a giant dust storm raged across the Middle East in 2015, media reports blamed a loss of vegetation caused by the military conflict in Iraq and Syria. An analysis by civil and environmental engineering professor Elie Bou-Zeid and his colleagues, however, points to **CLIMATE CHANGE**. They wrote in *Environmental Research Letters* in November that there was actually more vegetation cover in 2015 than in past years and that the dust storm was caused by wind patterns and arid conditions exacerbated by unusually hot temperatures.

When people feel excluded from others, they are more likely to buy into **CONSPIRACY THEORIES**, according to a study by psychology research assistant Damaris Graeupner and assistant professor Alin Coman, published online in the *Journal of Experimental Social Psychology* in October. They asked subjects to write about when they felt excluded from social interactions and then asked them to rate their belief in conspiracy theories, such as government-issued subliminal messages. The authors speculate that conspiratorial beliefs may cause even more exclusion, leading to a vicious cycle. ♦ By Michael Blanding



Peter Arkle

UNCOVERED

Gregory Heyworth '01 reveals what's beneath centuries of damage to precious manuscripts

BY JOSEPHINE WOLFF '10

Eight years ago, Gregory Heyworth '01 was laboring over a long French medieval poem called "*Les Eschéz d'Amours*" — "The Chess of Love." At the time he was a professor of English and medievalist at the University of Mississippi, and this poem — the last important poem of the European Middle Ages never to have been edited and annotated in a modern edition — had obvious appeal.

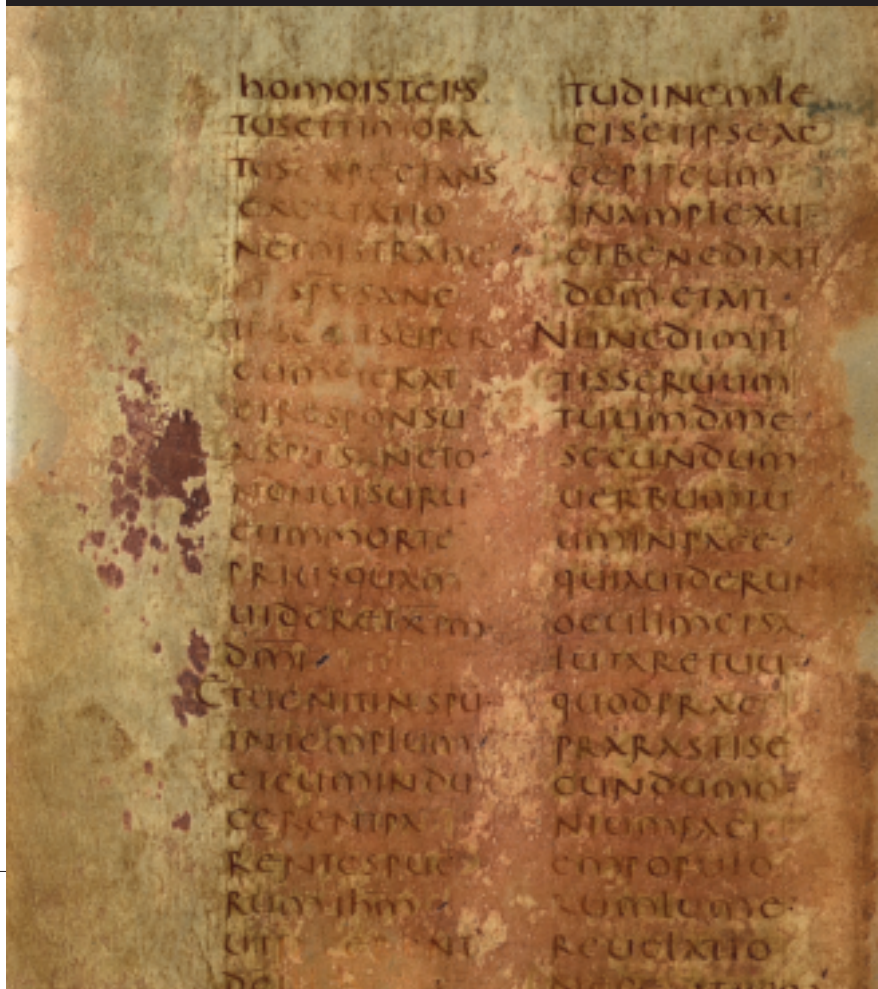
But there was a reason why no editor had succeeded in the past: The one existing manuscript of the poem had been horribly damaged in the World War II firebombing of Dresden, Germany. Heyworth spent five years trying to recover traces of the writing, working with an ultraviolet lamp, a technique then considered state of the art.

He began reading about how to recover old documents and came across the story of the Archimedes Palimpsest: a 13th-century Byzantine prayer book assembled from the pages of other manuscripts, including the pages of two lost treatises of the Greek mathematician Archimedes that were created in the 10th century. (A palimpsest is a document from which the text has been erased so the pages can be reused.) Researchers had managed to recover the erased Archimedes treatises using multispectral-imaging technologies in which photos are taken at different wavelengths of light. Heyworth reached out to some of the scientists involved in that project to ask whether these techniques might work for "*Les Eschéz d'Amours*" — and they did.

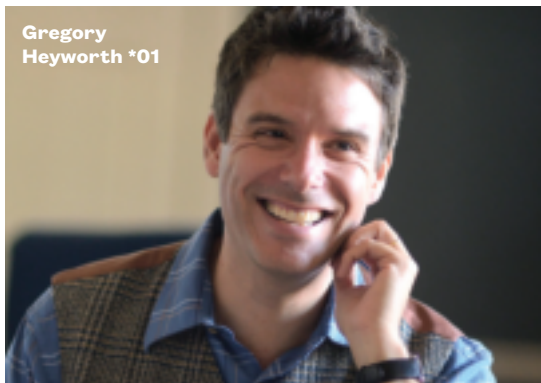
Now an associate professor of English and textual science at the University of Rochester, Heyworth has built a research agenda around using imaging science and techniques to restore and re-create damaged and faded documents that had previously been lost to history. Heyworth estimates that there are at least 60,000 manuscripts from before the 16th century that are illegible because of damage. Through his program, the Lazarus Project — named for the Biblical Lazarus whom Jesus



Above, the badly damaged Codex Vercellensis — the earliest translation of the Gospels into Latin — stained and eaten away by a tubercular fungus. Below, an image of the document after Heyworth's team spent two weeks photographing the document with multispectral technology.



Gregory
Heyworth *01



raised from the dead — Heyworth raises funds for restoring such manuscripts through multispectral imaging. He and his students and collaborators have tackled the restoration of documents around the world, from the Folger Shakespeare Library in Washington, D.C., to the cathedral library of Vercelli, in Piedmont, Italy.

“We spend a lot of time in dark rooms in beautiful places,” Heyworth says of his work with students and collaborators photographing old documents with specialized cameras. This multispectral photography not only helps preserve — or in some cases, discover — lost or fading texts, it is also far less destructive than some previous preservation techniques. “In the past people have used chemical reagents — sometimes to very good effect, but it’s also destroyed the manuscripts,” Heyworth explains. “As we evolve in conservation methods we try to find techniques that are less and less invasive.”

Multispectral-imaging techniques like those employed by the Lazarus Project are derived largely from methods that were developed for environmental remote sensing, says Roger Easton Jr., a professor of imaging science at the Rochester Institute of Technology and the lead imaging scientist on the Archimedes project. (Easton is also a board member of the Lazarus Project and a frequent collaborator of Heyworth’s.) These same imaging technologies can be used to take overhead images to identify which crops need more water, and to detect buried cities from overhead images, Easton says, but using them to restore old manuscripts has generated interest in the techniques among a wider audience.

“Finding lost manuscripts really grabs people’s attention,” Easton says. “It helps bring in interest and funding to support the science innovations as well as the restoration activity.”

Stephen Ferguson, the acting associate University librarian for rare books and special collections at Princeton, said the work of the Lazarus Project has contributed to the field of heritage science by giving scholars new ways to understand the material objects they study. “It shows what more we have yet to learn about objects that have been in our collections in the world’s great libraries for generations which only now are

becoming better understood,” Ferguson says.

Heyworth, who trained as a medievalist comparative-literature scholar, now holds joint appointments in the English, history, and computer science departments at Rochester and runs a lab that more closely resembles an engineer’s domain than a literature professor’s. His work is highly collaborative, often involving scientists as well as students, librarians, and curators — many of whom are as struck as he is by the experience of recovering something thought to be lost forever. With a grant from the National Center for Preservation Technology and Training at the National Park Service, Heyworth built a transportable imaging lab for use all over the world.

“The moment when, for the first time, you see an object that no one’s ever seen before — that’s when people in the room literally gasp,” Heyworth says.

Heyworth saw that reaction when he was restoring the Codex Vercellensis, the earliest translation of the Gospels into Latin, and a curator in the Vercelli Cathedral who had been conserving the document for most of her life got her first look at what his team had accomplished. The codex dates from the first half of the fourth century — and as Heyworth explained in a TED talk in 2015, it is “the closest we can come to the Bible at the time of the foundation of Christendom under Emperor Constantine, and at the time also of the Council of Nicaea, when the basic creed of Christianity was being agreed upon.”

The badly damaged manuscript had been handled in swearing-in ceremonies for centuries; it had been encased in gelatin and eaten away by a tubercular fungus. Many of the manuscript’s pages were illegible to the naked eye, with large brown stains and splotches covering indecipherable smudges. Heyworth and his collaborators spent two weeks in Vercelli photographing the manuscript, and then analyzed and reworked the images they had collected for several months following the trip to achieve their restoration.

When the curator saw the images the restoration team had uncovered, “she had to sit down, and all she said was ‘Madonna,’” Heyworth recalls. “It really just validated her life work; there was something there — it wasn’t just an object that important people had touched.”

While he has strayed somewhat from his comparative-literature roots, Heyworth emphasizes that literature and text are still at the heart of his work. “In most digital humanities the goal is to translate text into data; our goal is to translate data back into text,” he says. “Our end is still the book.” ♦

Josephine Wolff ’10 is an assistant professor of public policy and computing security at the Rochester Institute of Technology.

 **WATCH** Gregory Heyworth *01’s TED Talk on the Lazarus Project at paw.princeton.edu

The Best Old Place of All

PHOTOGRAPHS BY RICARDO BARROS

Speaking at Princeton's 250th anniversary convocation in October 1996, novelist and professor Toni Morrison began with a reference to William Wordsworth's meditation on "the spirit of the place," in *The Prelude*. Morrison thought there were two ways of thinking about

Princeton: as a place of collective memory that is part of the nation's history, and one of private memory.

"In private memory this place is its halls, its library, its chapel worn to satin by the encounters and collaborations among and between strangers from other neighborhoods and strangers from other lands," Morrison said. "It is friendships secured and endangered on greens and in classrooms, offices, eating clubs, residences. It is stimulating rivalries negotiated in laboratories, lecture halls, and sports arenas. Every doorway, every tree and turn, is haunted by peals of laughter, murmurs of loyalty and love, tears of pleasure and sorrow and triumph."

We asked PAW's talented student interns and contributors to write about their favorite places — the private memory — and many did. Some describe the soaring Gothic towers, though not for the reasons that enthrall architectural devotees. Others recall study corners, common rooms, even locker rooms. Each space speaks to the spirit of this place.

With Reunions approaching, we ask: What place speaks to the spirit of *your* Princeton? Write to us at paw@princeton.edu to let us know, and send a photo if you can. — M.M.

Nikita Dutta GS

TIGER AND TIGRESS,
ADAMS MALL

The first time I climbed the steps between the tigers, I was 13, visiting Princeton with my family during our first time in New Jersey.

Mom made me climb on top of one for a picture, as though I wasn't already in my prime awkward phase without prompting the eye rolls of passing college students. We have the photo on some long-lost computer drive: a lanky teen with a bad haircut posing in a meaningless place.

It wasn't until nine years later, bouncing up the steps as a graduate student and dodging a tour group, that I realized it wasn't so meaningless after all.

I come from a family of strong women: five aunts, six female cousins, two sisters, two grandmothers, and of course, one mother. Their stories are what make the privilege of education so real to me, and what make standing between these tigers, who commemorate coeducation, so special.

On the steps, I think of my father's mom, who learned without help and mothered without example, who raised her daughters to defy expectations and her son to believe his daughters must do the same. I think of my mother's mom, who with a middle-school education raised her daughter to become a college professor, and who never saw me go to college but somehow still helped me through. Most of all, I think of my own mom, who never had the options I did, but who by force of will cleared a path for herself and laid down a path for me.

I'm not the most deserving woman in my family of the education I'm getting at Princeton, but sometimes I doubt that any of us are.

This place is not a tribute to the women who are here so much as it is a reminder of those who are not. It's a place where Mom makes you pose with the tiger to give you a vision of yourself at a school like this — to show you all that's within your grasp while you remember the countless women who made that so. And, I suppose, it's a place for her to embarrass you a little in front of passing college students. She is your mom, after all. ♦





Gabriel Fisher '17

ATRIUM, PRINCETON UNIVERSITY ART MUSEUM

When you reach the entrance of the Art Museum, turn to the front desk, inside the gift shop, and ask the attendant for a key to a locker. Store your backpack — you can't bring it into the museum — and proceed inside. Walk past the contemporary art in the entrance and up the half flight of stairs. Ignore, for now, Jacques Louis David's *The Death of Socrates* on your right, and pay no attention to the Monets, Manets, and Cezannes on the left. Keep walking past the American gallery and turn left at the Warhols. It's hard to miss: Tucked inside the Princeton University Art Museum is a room that displays the best of nature's beauty to match the most brilliant and beautiful of human creations.

The space is designed as a spot for tired museumgoers to rest their feet. Aside from the soft, black leather couches, the main feature of the room is the floor-to-ceiling window, which looks out onto the soaring trees behind Prospect Garden. From the outside, in the path between these trees, the room is barely

noticeable. But inside, the whole world opens in front of you.

When I first happened upon this room in my freshman year, I felt as though I had discovered Princeton's best-kept secret, especially when I realized I could make the couches my own work space. Instead of roaming the library stacks, I could walk around the museum collections as I worked through my essays, bouncing ideas off Picasso and Lichtenstein as I wandered. And as I sat in the corner room, I could watch museum visitors take in the beauty of the unexpected view. On occasion, they would engage me in conversation. Once, when I was a sophomore, I entertained a entire class of ninth-graders, answering their questions about Princeton and college life. A few weeks later, a discussion with two elderly ladies — "What do you want to do with a degree in history?" they asked — ended with a dinner invitation.

As I was doing my course reading the other day, I stopped to watch a mother and father walk in with their two young children. The youngest, a boy of maybe 3 or 4, climbed onto the black leather couch and looked out the window. He turned to his mother and asked, "Are we in the jungle?" Not quite, I thought, but isn't it beautiful? ♦

Jennifer Shyue '17
MURRAY-DODGE CAFÉ

Murray-Dodge Café is part of the reason I decided to come to Princeton. Somewhere between the “This Side of Princeton” arts showcase, the panel about the Bridge-Year Program, and dinner in the dining hall, I realized this was where I wanted to be. The feeling was cemented that night when I found myself in the basement of Murray-Dodge Hall, a warm cookie in hand. If I came to this school, I’d get as many free, fresh-baked cookies as I wanted — every night of the year. I committed to Princeton as soon as I got back home.

Right away, Murray-Dodge — or “MD,” as my friends and I took to calling it — became my go-to study and hangout spot. It actually wasn’t a great study space — the dark stone walls, low ceilings, and dim lighting made it hard to read, and we always got distracted by passing friends. But it was difficult to resist the free cookies and tea and the feeling that we were making this campus our home.

The café closed for renovations in my junior year. When I returned to campus as a senior, I wasn’t sure I’d love the new MD — I thought I would miss the chalk drawings on the walls, the step in the bathroom that made the single toilet resemble a throne, even the faint smell of mildew. The new MD had higher ceilings, bright lights, and two generic bathrooms. But soon I was going there as often as ever.

I’ve realized that the person I am now feels very different from my first-year self. And if I could evolve so much and still be me, then Murray-Dodge Café also could change its face without losing its essence. It is still a place that welcomes everyone who walks through the door. Anyone can sit down at a table; anyone can take a cookie. And the cookies haven’t changed: Some are crunchy, some are cakelike, some are gooey. For me, that’s what matters in the end. ♦

*“In private
memory this
place is its halls,
its library, its
chapel worn
to satin by the
encounters and
collaborations
among and
between
strangers
from other
neighborhoods
and strangers
from other
lands.”*

— TONI MORRISON





Emily Erdos '19

CLASS OF 1887 BOATHOUSE

The best part of the boathouse is the sounds. Arriving there, it's quiet. Only my footsteps climbing the stairs and the clang of the locker-room door punctuate the air. Then more footsteps pound, more door handles twist — like a creaky orchestra in warm-up. Someone's iPhone music wafts out: In the morning, the songs are sleepy, an invitation to wake up. Before a hard workout, more aggressive music blares: Eminem's insistence meets Selena's motivation and pounds out power.

The work in the boathouse is its own music. Ergometers whirl, never syncing up, but creating a syncopated rhythm. More music comes through the speakers in the workout room. Hard breathing is this symphony's steady adagio, along with the ostinato of grunts of pain.

Finally, the water beckons. Boats drop in with a subtle thud and glide through it with a swoosh. The symphony of rowing begins. Like conductors, coaches with megaphones direct the harmony, and the coxswain's voice becomes the metronome.

Later, feet will pound back down the stairs, doors will close deliberately, and silence descends. It will be re-awakened tomorrow by aspirations of another day, another year, another set of new dreams. ♦

Nina Sheridan '19

PUBLIC TABLE

The six of us stared up at the blank black sky. We lay on our backs listening to the faint music drifting from Dillon Gym. The cool smooth surface of the sculpture that we called — in error — “Table Top” eased our muscles. Already the strain of Outdoor Action had begun to fade, replaced by a feeling of nostalgia for our time hiking on the Appalachian Trail.

The few days since we had arrived back on campus had been a flurry of activity. Now, it was the night before our first day of classes. As we talked and joked, anxiety was transformed into contentment, as we realized that we had already become good friends. We compared schedules, made plans to meet for lunch, and vowed to return to “Table Top” the next year.

Public Table, as it's officially called, allows for people-watching at its finest. Yet it also provides moments of solitude away from the dizzying speed of life at Princeton. Tourists and students alike waste away spring afternoons sitting on top of the sculpture, an inverted cone that looks like it could topple over with a strong wind. Yet it appears to hold up anything, including six freshmen anxiously awaiting the first day of their next four years. ♦



Public Table, 1978–79, Scott Burton, American, 1939–1989



Alexandra Markovich '17
 TRACK AND FIELD LOCKER ROOM,
 CALDWELL FIELD HOUSE

Inside the women's track and field locker room is a jumble of approximately 375 left shoes and 375 right shoes, 300 T-shirts, 160 pairs of shorts, 70 towels, 50 bottles of shampoo, and 69 women. The maintenance staff does not vacuum the floor because there is no floor. Just clothes. In the past, captains would return three days early from breaks to clean it. This year, Brad Hunt, the women's cross country coach, climbed atop the lockers to clear the dust off; he got only halfway around before the vacuum cleaner clogged up.

And yet, "the locker room is where you form a team," as

longtime coach Peter Farrell, who retired last year, put it. It is a liminal space between school and practice where we are not, for once, striving. In the space of not-yet-readiness, the uninhibited woman emerges. The locker room might be your only chance to see some women without makeup on. There is little space to fake it in the locker room, to be anyone but yourself, baggage included.

This is where we get ourselves ready. Years ago, players hung photographs of Princeton women who had scored in the Heps — the Ivy League Heptagonal Championships — on the walls above the lockers. For some reason, that practice had fallen by the wayside. This year, we started taping our favorite photos of ourselves competing to the walls. We were sizing ourselves up to the women who came before, wondering who we could become. ♦



"It is stimulating rivalries negotiated in laboratories, lecture halls, and sports arenas."

— TONI MORRISON

Matthew Silberman '17

COMMON ROOM, WHITMAN COLLEGE

I always knew college would be the place I made lifelong friends — but I never thought I'd meet those friends before college even started. A few weeks before Princeton Preview, I found a new friend, Nate, on the Class of 2017 Facebook group, after we bonded over shared music tastes. We planned to get together during Preview, and there we met up with others Nate had been in touch with.

Nate, Emily, Nina, and I spent the whole day combing the campus, taking advantage of every activity: ballroom dance class at Dillon, Shabbat dinner, the art museum. At the end of the evening, we found our way to the Whitman College common room, where the piano could provide all the entertainment we needed. Hour after hour passed without a thought about the necessity or possibility of sleep. We dreamed of the people we'd become in college, contemplated the world we'd leave behind, declared that in that room we understood each other better than anyone back home. When Nina pulled out a camera at 5 a.m., we recorded our high jinks for posterity. And when the clock struck 7, we said our slow goodbyes.

In the end, we couldn't stay together. Nate went to school in North Carolina while we came to Princeton. Nina lost track of that video file, and we forgot what we said. In that room, we left a piece of our youth, unadulterated by the challenges of the next four years. But we found friends in one another, and after all, isn't that what really matters? ♦







Hayley Roth '17

THE CHAPEL

I walked through the doors of the Princeton University Chapel for the first time on a sticky, sweaty September afternoon nearly four years ago and squeezed into the second-to-last pew alongside my classmates. We squinted toward the sanctuary, trying to make out the ranks of professors as they took their seats for Opening Exercises. Sunlight streamed in through stained-glass windows. Drums rolled. The cavernous space reverberated with energy, music, color, and splendor.

The crowd suddenly grew silent. A conductor raised her arms, and the choir began to sing. Complex harmonies mingled with the colored light and echoed off the cool sandstone walls. I felt strangely buoyant, as if carried upward on an ascending scale. My heart soared.

It took me a year to work up the courage to audition for the choir. We'd rehearse in the evenings under the soft light of hanging lamps, but I feared disturbing the heavy silence of the space. At night, the Chapel feels like a slumbering beast, snoring softly through the organ pipes, ready to roar to life if provoked. The stained glass turns black. The sandstone loses its luster. The vaulted ceiling soaks up our voices like a sponge.

In the morning, the light grows stronger. The radiance returns. One does not need to be religious to experience the Chapel's spirituality. Here, silence has sound and music has color. Here, winters are warm and summers are cool. Here, I sing in the place I once strained to see. ♦

Megan Laubach '18

SCIENCE FICTION LIBRARY, FORBES COLLEGE

The door is so nondescript you probably missed it when you walked by. (*It took me a year to find.*) Or if you've been inside, you didn't realize it had a name. (*I can't remember how I first learned it.*)

For the uninformed, the tiny room to the right of the piano in the Forbes College lobby is called the Science Fiction Library, and it's the best spot on campus.

I didn't spend time in the library until my sophomore year. My friends and I needed a new hangout spot; we chose the Sci-Fi Library because of the cozy feel of its bookcases, the comfy chairs, and the large television. I fell in love with the tall, bright window looking out at the Graduate College's Cleveland Tower, the tiny paper cranes that magically appeared in corners of the bookshelves, and all the sci-fi and fantasy paperbacks that I spent my high school years reading.

We used that little room for everything. The TV was great for movie nights, when we managed to fit 10 people on four seats to laugh through *The Princess Bride* together. It's usually a quiet space, a requirement for the night I could no longer put off internship applications. Occasionally someone would play the piano outside, and we could all relax to music as we plowed through Milton for the next day's precept. However, I think I love the room most because that's where I spent the most important moments of my sophomore year. ♦



Kevin Cheng '17

DANTE ROOM (EAST PYNE 111)

It is midnight on a Wednesday, and a chapter of my senior thesis is due to my adviser tomorrow. Overwhelmed by all that remains to be done, I close my laptop and take in my surroundings. The walls are lined with ornate wood paneling, slivers of moonlight shine through the windows, and the chalkboard is covered with indecipherable scribbles from whatever the semiotics seminar covered earlier here in East Pyne 111, the Dante Room. Despite the long night of work ahead of me, I feel intensely grateful to have snagged the best late-night study spot on campus.

The name “Dante Room” comes from legendary Professor Robert Hollander, who taught *The Divine Comedy* here for decades. I am familiar with the dedication plaque on the wall: “Here, Professor Robert Hollander ’55 taught the

Divine Comedy for 35 years: Generations of devoted students were inspired by his teaching.” In the first part of Dante Alighieri’s 14th-century epic poem, Dante travels through Hell accompanied by the Roman poet Virgil. Sometimes the downward spiral of the *Inferno* resonates with my own descent into academic turmoil. In the Dante Room, I experience the three stages of paper writing: “Inferno” as I labor over each sentence, “Purgatorio” as I read through what I have written, and “Paradiso,” still to come, when I will click the send button.

I know that many people have struggled through late nights in this room before me. It is comforting: Tradition suggests that the work will get done. I think of nights passing around bags of popcorn with friends at this table as Dean’s Date approached. I think of running into classmates who were working here, our relationships bonded through the sleepless hours shared. Suddenly, I get a text on my phone: What could anybody need at 2 a.m.? “Where are you working?” a friend asks. ♦



*“It is
friendships
secured and
endangered
on greens
and in
classrooms,
offices,
eating clubs,
residences.”*

— TONI MORRISON

Juliette Hackett '17

TOWPATH

When I turn off Washington Road and feel my steps soften on the dirt path, all the stress from schoolwork, rowing practice, and my other obligations gradually melts away. I feel my chest open and remember how calming it is simply to focus on breathing. Jogging along, I adjust to the landscape of abundant greenery and water so still that I keep waiting for it to break.

I navigate around geese, sending them into a frenzy; see chipmunks dart across the road a few feet in front of me; and, with luck, glimpse a turtle sunning on a rock. Though I remain within walking distance of campus, I feel miles away.

Like any Princeton student, I sometimes find myself wanting to escape. From my starting point at the boathouse, the towpath stretches for miles in each direction. Going south, I run past the canoe-rental shop and through the golf course. Each time I reach these landmarks, I am reminded of the world that lies just beyond campus but within grasp, if I simply take the time to explore and engage.

Every time I hit the well-trodden dirt road, I feel mentally transported, hypnotized by the natural beauty. Alone with my thoughts, I let myself stop to soak in the stillness. The towpath offers sanctuary from the constant motion on campus, and it reminds me to keep everything up the hill in perspective. ♦





Mary Hui '17

CLEVELAND TOWER, GRADUATE COLLEGE

Back home, in Hong Kong, the mountains are rarely more than a gaze away. I could be walking down the city streets, running along the harbor, or waiting for a tram, and I only have to look off a little into the distance to see towering hills and undulating ridgelines. Princeton is much flatter and less dramatic, and as much as I have loved the lake and the towpath and the nearby meadows, nothing quite compares to climbing up a mountain, with the majestic sweep of the city right below you and the ocean just beyond that.

In Cleveland Tower, I have found a close equivalent. It is not a place I visit often — in fact, I have squeezed my way up its narrow, spiral stairway exactly once, when my brother came to

visit one spring. After climbing its 137 stone steps, we pushed open the door to the tower's gravelly rooftop, enclosed at its corners by four elaborate pinnacles, and took in the panoramic view of Princeton. I loved seeing the manicured fairways of the golf course, embellished with long shadows of trees cast by the mid-morning sun. I pointed out Forbes College, where we had just had brunch; the tower of Dillon Gym, where we would play badminton later that afternoon; and Holder Tower, which only a lucky few get to climb. This gazing and spotting was much like what we often did from mountaintops at home, pointing out apartment blocks we'd lived in, skyscrapers we'd been to, landmarks we recognized.

This ritual of observing from above always leaves me with a feeling of lightness. It's a breathtaking reminder of perspective — something that any Princeton student would welcome every once in a while. ♦

PRINCETONIANS



Steve Anderson

SYNCHRONICITY: As synchronized swimmers for the past 20 years, Tamar '08, right, and Philicia Saunders '10 have worked at honing the sport's extreme demands: intense physical exertion paired with the grace of a ballerina, an unflappable smile paired with deep breathing after long periods underwater. As children, the sisters joined the first African American "synchro" team in 1997, and today they practice about six hours a week as a part of The Unsyncables of La Mirada team in Los Angeles. ♦



Chris Janney '72 inside *Harmonic Convergence*, his multisensory installation in the Miami International Airport.

CHRISTOPHER JANNEY '72

A SYMPHONY FOR THE SENSES

Creating immersive art through light, sound, and architecture

Between his sophomore and junior years, Chris Janney '72 left Princeton, disappointed with his experience in the architecture school. Janney had wanted to design and build three-dimensional sculptures, not study urban planning or sketch blueprints. During his time off, he played drums at Berklee College of Music in Boston and then stayed to perform with several bands. In his spare time, he built abstract wooden sculptures. One day, he painted his bedsheets in a riot of color with acrylic paint and magic markers, then slept in them. "I woke up and had paint all over me," says Janney, sitting on the piano bench of a baby grand in his Concord, Mass., studio. "I'm always asking, what can I do to just climb into the art, climb into the color, and into the experience?"

In one way or another, Janney has spent his four-decade career

as an artist trying to re-create that immersion. With names like *Soundstair* and *Harmonic Convergence*, his most successful sculptures have transformed



Reach: NYC plays sounds of the rainforest when commuters at the 34th Street subway station at Herald Square reach for the sensors.

environments into interactive sensory feasts full of sound, light, and color.

Returning to Princeton after a year of waiting tables and painting houses, he applied for an independent major, cobbling together courses that included 3-D architectural modeling with Michael Graves; visual-arts courses with James Seawright, an early pioneer in kinetic and electronic sculpture; and art theory with Rosalind Krauss, an art critic credited with introducing postmodern theory to the American art world. "That was what really set me on the path of being able to somehow combine visual art and music in an architectural context," he says.

He continued to experiment as a graduate student at MIT's Center for Advanced Visual Studies, a program to integrate art and technology under the leadership of proto-public artist Otto Piene. Piene encouraged students to get out of the gallery to find nontraditional places on campus to explore their art. Janney ended up on a fourth-floor staircase, listening to how people's footsteps ascending and descending resembled a musical scale, as if they were walking up and down a piano keyboard.

From top: Robin Hill; Phenomena Arts Inc.

The image led to the creation of *Soundstair* at Boston's Museum of Science, an art piece using motion sensors to turn visitors' steps into musical tones. When he first installed it in 1973, however, he had no idea how immersive the experience would be. Instead of the individual musical lines he heard in his head, the stairway exploded into a symphony of sound as children and grown-ups began playing with each other, working together on their own impromptu compositions. "You can't *not* react to people around you when you are on the *Soundstair* together," he says. "It completely blew me away. It was so much more than I ever imagined it to be."

The experience set him on a course of creating interactive environments in public spaces wherever he could.

For *Harmonic Convergence* in 1997, one of his first commissions, the Miami International Airport gave Janney a 200-foot-long glass corridor with two people-movers down the middle. Janney rigged pillars with motion detectors to import the sounds of the Everglades and other natural locations in South Florida as people passed through. He covered the glass walls with panels in 132 different colors, creating an immersive kaleidoscope. "It's like walking through a rainbow, only now the bedsheets are transparent colors and shadows," he said. "This isn't virtual reality. It's hyper-reality."

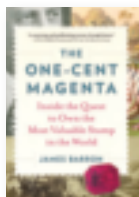
His main focus, however, remains creating absorbing architectural environments. His *Reach: NYC*, installed in 1995, turns the 34th Street subway station at Herald Square into a musical instrument, and he has created dozens of *Soundstair* installations, including several in children's hospitals, where they bring brief solace to families. "Children at the top of the stairs are in tears, but by the time they get to the bottom they are laughing," he says of one *Soundstair* at Boston Children's Hospital. A current project will transform the entryway of the children's hospital in Baton Rouge, La., with light, color, and soothing sounds. "I am trying to contribute to creating a healthier, more life-supporting place," says Janney. ♦ By Michael Blanding



WATCH a video of Chris Janney '72's art at paw.princeton.edu

READING ROOM: JAMES BARRON '77

THE ULTIMATE ONE-OF-A-KIND POSSESSION



The most valuable stamp in the world isn't much to look at. The one-cent magenta, as it's known among stamp collectors, was printed in British Guiana (now Guyana) in 1856 as part of a batch of provisional one-cent stamps for newspapers. A hastily constructed reddish scrap with cut corners and smudgy type, it's battered and faded — hardly the type of object you'd expect to sell for more than \$9 million.

Yet there's an undeniable magnetism to the little stamp, one that *New York Times* reporter James Barron '77 discovered when he first began to explore its remarkable saga. In his new book, *The One-Cent Magenta: Inside the Quest to Own the Most Valuable Stamp in the World* (Algonquin), Barron chronicles the stamp's journey from British Guiana — where it languished, forgotten, for the first 17 years

of its life — to the auction halls of New York City, where it sold for nearly \$9.5 million to fashion designer Stuart Weitzman in 2014.

Part of the stamp's appeal lies in its uniqueness. No other one-cent magenta survives today, a prize in the world of high-end stamp collecting.

But for Barron, the stories behind the one-cent magenta are what made him fall in love with the stamp, beginning with its discovery by Louis Vernon Vaughan, a 12-year-old who found the stamp among his uncle's papers in British Guiana in 1873 and traded it for 6 shillings, the equivalent of \$17 today. "I collected stamps for a year or two as a boy, and the one-cent magenta was the kind of stamp you always dreamed about stumbling upon," Barron says. "Well, this boy *did* find the Mona Lisa of stamps, and he didn't know what he had, so he traded it away. It was probably the worst stamp deal in history."



Writer James Barron '77 was thrust into the world of philately after covering the one-cent magenta's 2014 auction, where it sold for nearly \$9.5 million.

After Vaughan traded it, the one-cent magenta made its way to Europe, where it was snapped up by an eccentric French aristocrat just as stamp collecting was coming into vogue. Then it was sold to Arthur Hind, an American industrialist, and finally — after trading hands a few more times — landed in the collection of John du Pont. Du Pont, the troubled heir to the DuPont fortune, tried to offer the stamp to a museum in exchange for a pardon after murdering an Olympic wrestler.

Today, the stamp is on display at the United States Postal Museum, courtesy of Weitzman, who loves collecting one-of-a-kind objects and wanted the stamp to be viewed by the public for the first time. The mystery and drama of its history lend the modest stamp an unquestionable allure. "It's ephemeral — it wasn't expected to last very long," Barron says. "Yet it's survived all this time, and because it's a one-of-a-kind item, it's gone from being quite ordinary to completely extraordinary." ♦ By Amelia Thomson-DeVeaux '11

Save the Date for Reunions 2017!

This year's Reunions will take place June 1–4, with the P-grade set for 2 p.m. Saturday, June 3. For more information on planned events, registration, and other details, go to alumni.princeton.edu/goinback/reunions/2017. ♦

Reunions AA Haven

Alumni and their families
are welcome at

Open AA Meeting

Murray Dodge, Room 103
Friday & Saturday
June 2 & 3, 5 pm - 6:30 pm

AA Haven

Feel free to drop by the
AA Haven for fellowship
from 7 pm - Midnight
Frist Campus Center,
Class of 1952 Room.



Share your story

At Reunions, the
*Princeton Alumni
Weekly* will be
recording oral-history
interviews for our
PAW Tracks podcast.
If you have Princeton
memories to share,
visit paw.princeton.edu
to register.

PRINCETONIANS

READING ROOM: CHARLES WOHLFORTH '86

THE CASE FOR TITAN AS HUMANS' NEXT HABITAT



What is the next frontier for humankind? If you guessed the moon or Mars, Charles Wohlforth '86 invites you to think again. In *Beyond Earth* (Pantheon), Wohlforth and planetary scientist Amanda R. Hendrix make a case for Titan, Saturn's largest moon, as the likeliest location for human colonization.

Don't confuse *Beyond Earth* with a sci-fi novel. The book's predictions about the future are grounded in reality and take into account "dumb decisions, selfish drives, and messy politics," the authors write.

A book about space might seem like a departure for Wohlforth, a lifelong Alaskan whose work is mostly tied to his home state and its great outdoors. He has produced travel guides, covered the *Exxon Valdez* oil spill, and penned 10 books, including *The Whale and the Supercomputer: On the Northern Front of Climate Change* (North Point

Press). He has also worked for education equity in rural Alaska and served on Anchorage's city council.

Look closely at *Beyond Earth*, though, and it's easy to notice themes from Wohlforth's prior work. Catastrophic consequences of climate change are among the hypothetical scenarios that impel humans to seek refuge in space. Parallels to Alaska appear in passages about spurring development on an untamed frontier.

Why Titan? Its nitrogen atmosphere is roughly the right pressure for human life, the authors say. The atmosphere also would protect humans from radiation, unlike Mars or the moon. A supply of cheap energy and construction materials abounds on Titan in the form of hydrocarbons like methane. NASA's Cassini probe has been delivering information on Titan for years.

Yet Titan is no utopia. Its frigid climate is the least of its obstacles. The book discusses mental and physical health barriers to deep space, such as weakness due to long-term weightlessness.

Bureaucratic obstacles abound, too. Caution has been NASA's watchword since the 1986 *Challenger* disaster, to the detriment of inspiring the public, Wohlforth argues. NASA needs a new moonshot, he says in an interview, "and putting people in space would be a long-term goal that has meaning." The agency's budget is at the mercy of political institutions, but Wohlforth says that NASA could make progress by leaving rocket-building to private industry, invoking competition to build vessels faster and at lower cost.

Wohlforth and Hendrix make a good-faith attempt to prognosticate by taking a practical look at emerging technology. They also segregate speculation into clearly labeled sections to distinguish it from facts. "We wanted to give readers evidence, and then let a scenario play out without making a lot of firm predictions," Wohlforth says.

"If in 20 years people want to go back and find fault with our predictions," he jokes, "there will be plenty to find."

The book concludes with the idea that both space exploration and environmentalism represent higher human callings. In that way, *Beyond Earth* is less a book about space and more of a circuitous argument for why Earth is irreplaceable. ♦ By Carmen Drahl '07



What he's reading: *To the Bright Edge of the World*, by Eowyn Ivey. "If people pay attention to [Ivey], she could be one of the most extraordinary writers of our time."



“Our responsibility is to ensure that everyone’s rights are respected, and that includes individuals with whom we fundamentally disagree”

— Anthony Romero ’87

rigged military commission, we came to his defense. We represented Fred Phelps, the pastor of the Westboro Baptist Church, who organized loathsome protests at military funerals saying that the reason men and women in uniform were dying is because we grant gays civil rights. We fundamentally disagreed with his point of view, and yet when local officials tried to stop his lawful protests, we came to his defense.

Are you concerned about political correctness on the left, as well?

We recently came to the defense of Milos Yiannopoulos, the conservative blogger, after his speech was canceled by UC–Berkeley. It’s incredibly troubling when we see what is playing out in liberal-arts institutions that are supposed to be icons of freedom of speech and dissent. The efforts on some campuses, where there are trigger alerts and microaggression warnings, or professors feel as though they are walking on eggshells when they teach controversial subject matter — these things are anathema to a college education. College is exactly the time to engage viewpoints that challenge one’s own.

Are you optimistic about the future?

I think we might be entering the golden age of citizen activism, of government accountability, of engagement of individuals in the political and policy processes. It has been pretty remarkable, everything from the women’s marches to the protests against the Muslim ban to the activism [aimed at] ensuring that the Affordable Care Act was retained. If we are to harness that energy, and deploy and sustain it, perhaps we will come into a moment where there is much more vigorous policy debate and citizen engagement. That’s the hope. That’s the promise. ♦ Interview conducted and condensed by Mark F. Bernstein ’83

Q&A: ANTHONY ROMERO ’87

LOUDER THAN WORDS

The ACLU takes action to preserve liberty for all

Anthony Romero ’87 became executive director of the American Civil Liberties Union just a few days before the 9/11 attacks, but he probably never has been busier than since the election of President Donald Trump last November. He spoke with PAW about current challenges to civil liberties and his hopes for the future.

Has the ACLU attracted many new members?

Our membership has more than quadrupled since the election, and they are not just Democrats or progressives. Many establishment Republicans and libertarians have joined as well. People are paying attention, they realize this is a moment of enormous challenge for civil liberties, and they want to be part of a solution. It’s one of the most encouraging parts of this moment.

Has the Trump administration so far confirmed your fears?

Yes. The ACLU took Donald Trump both literally and seriously. We called him a one-man constitutional crisis, and so far, it looks as though he is going to fulfill that prediction.

How do you respond to criticism that the ACLU has been tougher on Trump than on Barack Obama?

There were some areas, like racial justice and voting rights, where our views coincided with the Obama administration. And President Obama ultimately came around in supporting LGBTQ rights. But when he was not fulfilling his campaign promise to close Guantánamo, we took out a full-page ad in *The New York Times* saying, “Mr. President, what is it going to be? Change or more of the same?” We hit him hard on the use of drones and the NSA surveillance program.

That is the special role of the ACLU, to serve as watchdog no matter who is president.

How do you justify representing unsavory views?

Our responsibility is to ensure that everyone’s rights are respected, and that includes individuals with whom we fundamentally disagree and those whose ideology we find loathsome.

So when Khalid Sheikh Mohammed was charged with masterminding the 9/11 attacks and was tried by a jerry-

CLASS NOTES

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



MEMORIALS

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

THE CLASS OF 1943



Adolphus Andrews Jr. '43

Dolph Andrews died peacefully Jan. 13, 2017, at his home in San Francisco.

He prepared at St. Albans in Washington, D.C., and at Cate School, where he was on the soccer and basketball teams and publications boards.

At Princeton, Dolph majored in the School of Public and International Affairs and graduated with honors. He was business manager of the Triangle Club and a member of Charter Club.

Upon graduation, his father, a Navy admiral, swore him into the Marine Corps. Dolph served in the Pacific as an intelligence and operations aide to Gen. Graves Erskine, commander of the 3rd Marine Division, with the rank of captain. He took part in the landing at Iwo Jima as a forward observer.

Dolph's attendance at Harvard Business School was cut short by the death of his father, and he returned to Dallas to take over the family business. Later he moved to San Francisco, where he had a lengthy career with Pope & Talbot and was a longtime director of Pope Resources.

Dolph is survived by Emily Pope Andrews, his wife of 69 years; children Adolphus Andrews III, Edith Andrews Tobin, and Gordon Pope Andrews; and eight grandchildren.



Richard B. Thomas '43

Dick died peacefully at home Oct. 18, 2016, with his niece, Beverly Sontheimer, and her husband by his side.

He prepared for Princeton at The Hill School. He majored in music and minored in languages (Arabic, French, German, Russian, and Spanish). He bickered at Terrace and was a member of WPRU and the Triangle Club.

After graduation, Dick joined Army intelligence, studied Japanese at the University of Michigan, and served on Gen. Douglas MacArthur's occupation staff censoring Japanese newspapers. He earned a master's

degree in Chinese and Japanese from Harvard, and then joined the CIA in Washington, D.C., as an intelligence officer. After transferring to the National Bureau of Standards, he became a pioneer in image-processing using the SEAC computer. In 1970 he became manager of research services at the Brookings Institution.

Dick was a superb pianist, improviser, and accompanist. During his years in Washington, despite his "day jobs," he spent many evenings accompanying jazz vocalist Joyce Carr and other singers at fashionable restaurants and lounges.

Dick retired in 1988 and moved to El Cerrito, Calif. He had many friends in the nearby Berkeley community and at the University of California, Berkeley, including composer Andrew Imbrie '42.

Dick was unmarried and is survived by three nieces, a nephew, and their families.

THE CLASS OF 1944



William Adamson '44

Bill, the twin brother of Talbot '44, died Feb. 7, 2017, in Vero Beach, Fla.

He came to us from St. Paul's School. At Princeton he majored in chemical engineering and was on the hockey, baseball, and 150-pound football teams. Bill was a member of the Undergraduate Council, was in Charter Club, and roomed with Tal.

Bill entered the Navy for two years, where he served as lieutenant junior grade and was involved in anti-submarine work. In 1946 he joined Bakelite Co. in New Jersey, and began coaching Princeton lightweight football. He was married to Ethel Ness from 1956 to 1958. In 1961 he married Helen "Lenkie" Angier and inherited four children. Together they had a son and remained married for 37 years.

After 18 years with Union Carbide, he started his own investment-advising firm, which he maintained until his retirement in the 1980s.

He restored and owned many vintage cars and was self-employed for 10 years. He was president of the Lightweight Football Association, sharing two championship teams with Coach Dick Vaughan. (Donald Rumsfeld

'54 was captain and a star player on one.) He was an avid athlete and loved to play golf with his wife.

He is survived by Tal; son Peter; stepchildren Leigh, Mac, and Don; and two grandchildren.



Yeates Conwell '44 *49

Yeates died Feb. 23, 2017, in Newark, Del., with family present.

He came to us from St.

Paul's School. At Princeton he majored in chemistry, played varsity hockey and track, and was a member of Tiger Inn. His roommates were Norm Conze, Herb Hobler, and Tim Knipe with Ferdie Baruch and Walt Hughson down the hall.

In 1946 Yeates and Herb went on a cookout at the Jersey shore, where he met Mary Atwood. They married in 1947. He entered the Navy in 1943, and served as a deck officer for 27 months in the Pacific before returning to grad school and earning a Ph.D. in 1949. His first job was with DuPont, where he specialized in poly chemicals. Yeates was active in class affairs, serving as secretary of the Princeton Alumni Association of Delaware, and was involved with the Red Cross and a local church.

He retired from DuPont after 40 years. He and Mary lived in Australia for three years and traveled widely. He attended 57 reunions, plus four mini-reunions in Washington, D.C., Louisville, New Orleans, and Bermuda.

Yeates was predeceased by Mary, his wife of 62 years, who died in 2010. He is survived by his son, Yeates Jr. '76; daughter Anne Nemetz; and three grandchildren.



Alexander Leslie

Paternotte '44 Les died Jan.

27, 2017, in Wilmington, N.C.

Coming to Princeton

from The Hill School, he

was on-air on WPRB and left Princeton in June 1942 to serve in the Army for more than two years.

He had a long career in broadcasting, beginning in Philadelphia, then at WCAO in Baltimore. In Charlotte, N.C., he started in radio and moved to TV at WSOC. He settled down at WECT in Wilmington, N.C., and worked there for many years. He became the weatherman at WECT before retiring in 1982.

Les rode his bicycle everywhere and was known for his tennis abilities. He was active in local theater and played supporting roles in various Opera House productions.

He moved to Baltimore with his wife, Jane, where he rediscovered his love of horses.

After adopting a neglected pony, he named it Little Bit and started "Little Bit, the Birthday Party Pony," by giving kids rides at children's birthday parties.

Jane died in 1993, and Les moved back to

Wilmington. He is survived by sons Alexander and Bill '67; stepson Stephen Waterbury; two daughters, Mary Sully and Brooks Nobel; and many grandchildren.

Most classmates didn't know this talented man as he attended only our fourth reunion.

THE CLASS OF 1949



Edward A. Martin '49

Sandy died Jan. 12, 2017, in Middlebury, Vt., his home since 1961. He taught at Middlebury College for many years, which understates his distinguished career as an educator, scholar, and specialist in American studies.

Sandy came to Princeton from Exeter following a year in the Navy. (Unfortunately this wasn't quite enough to spare him from another two years of service in the Korean War.) He majored in English and joined Cap and Gown, Whig-Clio, and the Rugby Club. After graduation, he went to Columbia and earned a master's degree and a Ph.D. His teaching skills took him to Middlebury College, first as an instructor and then as the chair of the English department, a position from which he retired in 1994. He also served as administrative director of the Bread Loaf Writers' Conference for 13 years.

In addition to his teaching career, Sandy wrote two well-received books about H.L. Mencken and served several terms as president of the H.L. Mencken Society in Baltimore.

Sandy married Mary Margaret Funk in 1957, and they had four children: Quentin, Ian Stewart, Robert Geddes, and Margaret Carveth, all of whom survive him. Our condolences go to the entire family.

THE CLASS OF 1950



Richard P. Dittman '50

Dick died Dec. 1, 2016, in Westhampton, N.Y.

Though born in Manhattan, Dick spent his youth in Brooklyn, where he graduated from Adelphi Academy. At Princeton he earned a degree in physics and was a member of Charter.

Upon graduation he joined Mutual Benefit Life Insurance Co. in Newark, N.J., as a student actuary. He eventually pioneered the company's computerization and information-technology organization.

During his professional career, he lived in Westfield, N.J., with his wife, Barbara, whom he married in 1953. In Westfield, he was active in the church community and was a Cub and Boy Scout leader. After retiring in 1988, he and Barbara moved to their home on Peconic Bay in eastern Long Island, where they pursued their passion for sailing and boating. On Long Island, Dick was involved with the U.S. Power Squadron and at one time served as its commander.

He was described in his obituary as one who "sought out the challenge of problems, preferring thoughtful innovation to conventional wisdom ... beneath a tough demeanor was a courageous and spirited man, with a gentle and generous heart."

Dick was predeceased by Barbara and his son, G. Evans. He is survived by sons Peter and David and four grandchildren.



Stanley H. Udy Jr. '50 *58

Stan, professor emeritus of sociology at Dartmouth, died suddenly Dec. 2, 2016, from cardiac arrest in Hanover, N.H.

Coming to Princeton from West Orange (N.J.) High School, he studied in the School of Public and International Affairs, graduating with high honors and with election to Phi Beta Kappa. He was University Orchestra president, assistant band manager, and a member of Court Club.

He served as a Navy intelligence officer from 1951 to 1954. He continued his academic journey in sociology as a Woodrow Wilson fellow, earning his Ph.D. at Princeton in 1958. Next stop was Yale until 1972, when he moved to Dartmouth as a department head. He retired in 1996. He held visiting appointments at Columbia, Stanford, and Cambridge, and authored numerous academic works.

Stan was aptly described in his obituary as a man who loved his work, but it was "his passion for family, friends, and hobbies that, in many ways, defined his identity." He played the piano for his entire life. He was an avid hiker and a long-time member of the Appalachian Mountain Club and the New Hampshire 4000 Footer Club. He delighted in telling tales of lore and family history.

He is survived by his wife of 59 years, Lee; two daughters; and five grandchildren.



John L.M. Yardley Jr. '50

John died July 5, 2016, in London, where he had lived since 1968.

He came to Princeton from St. Paul's School. He was in Triangle Club, sang with the Nassoons, and belonged to Cottage. He majored in Spanish.

He earned a degree from Penn Law School in 1956, and then joined a Philadelphia firm, where he practiced general civil law. In 1968 he relocated to London as a life-insurance company lawyer. From 1973 until 1991, he was managing director of Multinational Management.

John loved the Navy. He completed NROTC at Princeton and was commissioned as an ensign at graduation. He served three years of sea duty as a lieutenant. After leaving active duty, he was attached to Naval Reserve Intelligence in Philadelphia. In the United Kingdom, he became executive officer, then

commanding officer of the Reserve unit in London. He retired as a captain. His 27 years of service were recognized by a special commendation; he was honored when the flag for his casket was flown over the U.S. Embassy.

John was well traveled, a keen follower of world affairs, and active in cultural and social clubs in London.

He was predeceased by his brother, Ralph '40. He is survived by his wife, Vivien; son Michael; and two grandchildren.

THE CLASS OF 1951



S. Theodore Blumenfeld '51

Ted was born Feb. 4, 1929, in Philadelphia, Pa., to Max and Sara Markowitz Blumenfeld.

At Central High School he was public league and city broad-jump champion in 1945 and 1946. He was in the top 20 all-time jumps for Princeton at the 1951 Millrose Games and Penn Relays. Ted was a philosophy major, a member of Campus Club, and winner of the Dickinson Prize for epistemology for his thesis on the logic or theory of knowledge.

He served in Army counterintelligence for two years and earned a law degree from Temple in 1957. Ted had a 50-year legal career in the insurance industry and the real-estate secured finance business, and later was of counsel at Berger & Montague in Philadelphia.

He died July 11, 2015, in Huntingdon Valley, Pa., at the age of 86.

Ted is survived by his wife, Sharon; sons Jeffrey '76, Richard, David, and Andrew; daughter Mara Nergaard; their families; and by his former wife, Sondre Sukin, of Deerfield Beach, Fla.

Jeff, Rich, and David are all lawyers, Andrew is with Performance Based Ergonomics in Oakland, Calif., and Mara is a well-known theatrical costume designer in Chicago.



Howard M. Cyr Jr. '51

Howard was born June 27, 1930, in Palmerton, Pa., to Howard and Elsie Shipley Cyr.

At Princeton he majored in chemical engineering, belonged to Terrace Club, and roomed with Freeman Jelks and Harry LaViers.

In 1955 he earned a degree from the University of Pennsylvania School of Dental Medicine, where he met Mary "Honey" O'Halloran. After his two-year Army service in Alaska, they were married and worked thereafter as a team for 43 years in his dental practice in Palmerton.

Howard had a lifelong commitment to community service in his hometown, serving on the borough council, the water authority, the historical society, and the park association, as well as others. He was also active in the Boy



Scouts. When he retired in 2000, he began a small masonry business.

Howard battled autoimmune problems for the last 15 years of his life, including celiac disease and lupus. He died of leukemia June 16, 2015.

Services were held in St. John's Episcopal Church. Howard is survived by his wife, Honey; their six children, Howard III, Mary "Buffy" Roper, William "Billy" '85 and his wife Linda '86, Katherine Pascali, Edmund, and Lewis; and grandchildren, including Peppar Cyr '15 and Tigar Cyr '20.



Archibald M. Hewitt Jr.

'51 Arch was born Nov. 4, 1928, in Huntington, W.Va., to Archibald and Ruth Campbell Hewitt.

He graduated from Phillips Exeter in 1947. At Princeton he was an English major, was active in the Glee Club, played on the golf team, and belonged to Quadrangle. He roomed with Bob Agee, Hank Petersen, and Jim Wright.

Arch was an Episcopal priest, graduating from the Virginia Theological Seminary in Alexandria in 1954; Bruce Kennedy '51 and Dave King '51 were classmates there.

He was curate at St. Paul's Church in Mobile, Ala., and later rector of parishes in Kentucky, Wyoming, and Texas. He retired as rector and dean of St. Peter's Cathedral in Helena, Mont., where as senior priest he attained the title Very Reverend. Thereafter he served as residential interim in various parishes in North Dakota, New Mexico, Hawaii, and Idaho. He celebrated his 60th ordination anniversary in 2014.

An avid golfer, he served on the boards of the Western Seniors and Pacific Seniors Golf Associations.

Arch died Feb. 1, 2015, in Grapevine, Texas, after a short illness. He was predeceased by his sisters, Nancy, Marianne, and Ruth. He is survived by his wife, Gail; their sons, Judson, Daniel, and Samuel and their families; and his sister, Merille Hewitt.



Karl A. Rauschert '51

Karl was born July 30, 1929, in Sheboygan Falls, Wis., to Arthur E. and Anna Prange Rauschert.

A graduate of the Wayland Academy, at Princeton he majored in architecture. He was active in the Chapel Choir, served as president of the Tigertones, and belonged to Key and Seal. He roomed with Bill Heaton, Bill Paxton, and Dick Zahn.

After two years in the Navy, he attended the University of Illinois, where he earned a master's of architecture degree with honors in 1955. That same year, he and Eileen Norcross were married.

For four years he practiced architecture in Fort Lauderdale, Fla., before joining C.S. Norcross & Sons in Bushnell, Ill., as vice president in charge of sales. In 1967 he founded the manufacturing company Midwest Control Products Corp.

By 1993 his son Mark had succeeded him as president of the company, while Karl remained as chairman of the board. He and Eileen and their boys loved sailing their 42-foot Whitby ketch the *Windsong*. They retired to Naples, Fla.

Karl died June 12, 2015, in Bushnell of pancreatic cancer. He is survived by Eileen, sons Philip and Mark, daughter Laura Millar, and their families. His brother, Arthur, predeceased him.



Dana P. Smith '51

Dana was born April 7, 1927, in Glendale, Calif., to Thomas and Hazel Prom Smith.

He came to Princeton after having served for two years in the Army, and was a religion major. He was active in the Westminster Fellowship, belonged to Prospect Club, and roomed with Bill Webb.

A graduate of Louisville Presbyterian Seminary, he was ordained in 1954, and over the years served as a parish minister in five states.

He developed a liturgy in Navajo, was jailed twice for his participation in the civil rights movement, and earned two doctoral degrees from San Francisco Theological Seminary.

A resident of Flagstaff, Ariz., in his later years, he was a master gardener and author of a regular column called the "High Country Gardener" in the *Arizona Daily Sun*. Dana loved to cook and published his favorite recipes under the heading "Old Fart's Kitchen."

Opinionated, articulate, and outspoken, he irritated some, delighted others, and will most certainly be missed.

Dana died of a heart attack June 28, 2015. He is survived by his wife, Gretchen; his children, Timothy, Paul, and Elizabeth Esparza; and his granddaughter, Dana Silva. His brothers, Thomas, Philip, and David; and his former wife, Grace Marie, predeceased him.

THE CLASS OF 1952



Christopher S. Carver '52

Chris died Sept. 7, 2011.

His father, Alexander B., was a member of the Class of 1918. Chris came to us from Deerfield Academy.

At Princeton he was a philosophy major, ate at Dial, and roomed with Mal Cleland. He sang with the Tigertones and supervised the production and sales of their 1950-51 album.

In 1958 he earned a degree from the Pratt Institute in industrial design and made his career in that field. He worked for General Electric and then started his own firm,

Interactive Graphics. He was then president of Maritime in Wayne, Pa.

Chris is survived by his wife, Mary; and their nine children, Mary, Christopher, Alexander, Katerie, Cecilia, Colette, Joseph, Clare, and Michael.



Casimir E. Max '52

Cas died Jan. 1, 2016.

He graduated from Northeast Catholic High School in Philadelphia, and came to us after serving in the Army from 1943 to 1946 in Europe.

Cas had not kept in touch since graduation; however, an obituary informed us that he was president of the New Jersey Safety Council for 47 years.

He is survived by wife Connie; sons Thomas and Stephen; and daughters Marianne, Connie, and Christine. To them we offer condolences, with respect and appreciation for Cas' Army service.



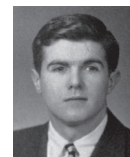
Robert C. McDougal '52

Bob was the son of Robert '26, and came to us from Deerfield Academy. He joined the freshman swim team at Princeton and roomed with

Tom Melohn, John Ames, and Tom Unterberg. He left us after freshman year and transferred to Oberlin College.

After Oberlin he served in the military, then worked for IBM and sold real estate in Cleveland. His next move was to enter medical training at Case Western Reserve, from which he graduated in 1969. Beginning in 1973, Bob practiced psychiatry in Kalamazoo, Mich., and then joined the staff of Kalamazoo State Hospital, remaining until 2001, when he retired.

Bob died Aug. 29, 2016, leaving two daughters, Belinda and Laura. The class offers its condolences.



John Alexander McGhie

'52 Alex (known as "McGoo" to us then) graduated *cum laude* from Taft. At Princeton he

majored in chemistry and took his meals at Key and Seal. He joined the Outing Club, Fairfield County Club, and the Chemistry Club. His roommates were Park Callahan, Dick Zahn, and Walt O'Leary.

He joined the Navy and served on an Atlantic destroyer until 1955, an experience of which he often spoke with satisfaction. After a time at St. Regis Paper, he went with his brother, Bruce, and father into McGhie Associates, a corporate-communications firm in New York City. Alex wrote and published financial reports for companies, especially in the timber, paper, and insurance industries.

He retired in 1989 and moved to Lyme,

Conn., where he sailed during the summer to his place in Maine; in the winter he skied in the Rockies.

Alex died Jan. 17, 2017, and is survived by his children, Claire, Andrea, Gordon, and Mark. To them, the class sends sympathies, along with a salute to Alex for his Navy service to our country.



William L. Pritchard '52

Bill joined us from Morristown (N.J.) High School, where he was the valedictorian. At Princeton he majored in classics, ate at Key and Seal, and played lacrosse.

He was a member of the editorial board of *The Nassau Sovereign*, was in the Republican Club, and sang in the Glee Club. His roommates were John Pope and Jim McAlee.

Bill earned a medical degree from Johns Hopkins in 1957 and served in the Public Health Service Commissioned Corps after interning at the National Institutes of Health. He was a gifted neurosurgeon and established practices in Charlotte and in Fayetteville, N.C. Those capable hands found nonmedical uses in house-building (a retirement and vacation home in Hope Town, Abaco), boat restoration, and many years of work for Habitat for Humanity.

His enthusiasm for singing persisted in his participation in the Oratorio Singers of Charlotte and the Cumberland Oratorio Singers, as well as church choirs in Hope Town and Charlotte.

Bill died Feb. 25, 2017. He is survived by his three children, Leslie, William, and Amy. To them, the class sends best wishes and regret at their loss.



Robert O.Y. Warren III '52

Bob joined us from the Kent School. At Princeton he majored in psychology and played football, basketball, track, and rugby. He joined

Charter and roomed with Dick Billings, Doug Hardy, and Alex Mills.

He went on to serve as an engineering officer in the Navy for two years and then worked at Phelps Dodge. In 1975 he earned an advanced management-program degree at Harvard Business School. In 1977 he became president of Kaman Musical String. Bob bought and managed two specialty-printing companies.

He retired to Suffield, Conn., where he pursued an active retirement as leader of the local monthly newspaper, the *Suffield Observer*, which founded a college scholarship in his name. He was president of the Calvary Episcopal Preschool, joined the Executive Service Corps and the Suffield Ethics Committee, and enjoyed racquet sports.

Bob died Dec. 1, 2016, leaving his wife,

Margery; and children Lisa, Robert O.Y. IV, and Joseph '85. To them we offer our condolences and our appreciation for his military service to our country.

THE CLASS OF 1953



James A.H. Magoun III '53

Jim died March 8, 2017, at a small assisted-living residence in Perrysburg, Ohio, where he spent the last 13 months of his life.

Jim was born in Toledo, Ohio, and attended Phillips Exeter Academy before coming to Princeton. He majored in art history and wrote his thesis on "18th Century Landscape and Vedute Painting." He was a member of Cottage Club and Triangle Club.

He joined ROTC and served as a second lieutenant in the Army in Germany in 1955 and 1956. It was in Baden that he met his wife, Page Hobson Magoun, and they were married on his return from service in Europe.

Jim attended the American Institute for Foreign Trade in 1957 and 1958 and then returned to Toledo, where he worked as controller for an import company before becoming a certified public accountant.

Jim was an avid reader and scholar of history and enjoyed long conversations about our country's Founding Fathers.

He is survived by his wife of 60 years, Page; two daughters; a son; and five grandchildren.



William J. Ostrow '53

Bill was born in Paterson, N.J., and came to Princeton from Eastside High School. At Princeton he majored in history and was a member of Court

Club. He was also on the executive council of the Hillel Foundation and was active in the work of the Student Christian Association.

He was drafted into the Army while doing graduate work at Columbia and spent two years with the Army Medical Corps at Fort Hood, Texas.

Returning to graduate school in the evenings, Bill began to work in the textile industry and eventually bought his own company, Park Silk Co., which he developed into an international business.

After closing down that business, he moved to Florida, where he lived in semi-retirement, ran a small business, and became deeply involved in work with abused children as a member of the board of the Children's Home Society of Florida, chairman of the board of the American Children's Home Committee, and the Teen Age Shelter Care Committee. Fully retired for the last 15 years, he enjoyed golf, tennis, and creating original stained-glass windows.

He died peacefully Feb. 18, 2017, at his home

in Boca Raton, Fla., with his wife at his side. He is survived by his wife, Laurence Irene; and his son, Andrew Craig.



Frederick Forrest Schock III '53

Bud was born in Spring Lake, N.J., and came to Princeton from The Hill School. At Princeton he majored in

economics and wrote his thesis on "Monetary and Fiscal Policies after World War II." He was a member of Tiger Inn and served on the Senior Council.

After graduation and a period of Army service, Bud went into the resort and hospitality business, moving back and forth between New Jersey and Florida for a number of years, and then concentrated on work in Paradise Island, Great Gorge, Clearwater, and Stuart, Fla. He retired to the Outer Banks of North Carolina, but then returned to Florida to be closer to family.

Bud died peacefully Feb. 17, 2017, in Seminole, Fla. He is survived by his wife of 63 years, Sandra Fountain; son Rick; daughter Amy; and five grandchildren.

THE CLASS OF 1954



Robert E. Fast '54

Bob died Feb. 27, 2017. Born in Woodbury, N.J., he graduated from Pitman High School.

At Princeton he was a member of Cloister Inn,

majored in politics, and was active in the Wesley Foundation.

After graduation, he served a tour of duty in the Army and then completed master's and doctoral degrees in education from Rutgers. He taught science at Woodstown High School and became a guidance director. He subsequently became the dean of students at Glassboro State College.

Bob moved his family to Maine and worked as a psychology professor at the University of Maine at Farmington for the next 30 years, retiring in 1997 as professor emeritus. He ran the national student exchange program for many years and was noted for his dedication to his students. He had a great sense of humor and was an avid reader, having read the complete works of Shakespeare and all seven Harry Potter books. His genius was to read something once and never forget it. Mystery was his favorite genre. He volunteered for many local causes, including the Special Olympics, which became dear to him. When asked if there was anything he would like to have said about him, he replied, "I tried."

Bob is survived by his wife, Kim; son Bob; daughters Linda, Hilary, and Meredith; and two granddaughters. He considered his family to be the center of his universe. The class is honored by his service to our country and extends its condolences to his family.





Robert I. Hauben '54

Bob died March 19, 2017, from complications following a heart attack.

Born in Brooklyn, he prepared for Princeton at Brooklyn Tech High School. His college major was biology. Bob left Princeton in his junior year. He later attended medical school at the University of Paris and the University of Amsterdam. While there he met his first wife, Adrienne. They had two children.

Upon his return to the United States, he studied psychiatry under Anna Freud at the Menninger Clinic in Kansas. In 1979 Bob moved to Washington, D.C., to work for the State Department. In 1980 he went to Wiesbaden, Germany, as part of a team of psychiatrists to meet the 52 hostages released by Iran.

His later assignment was to work with the State Department employees who lived in South America.

He met his second wife, Lillian, in 1984 while vacationing in Curacao. They moved to Southampton, N.Y., in 1987, where he worked as a psychiatrist at Maryhaven in Riverhead, N.Y.

The class extends condolences to his wife and his children.



J. Thomas Holton '54

Tom died March 6, 2017.

Born in Middletown, Ohio, he majored in civil engineering at Princeton. He was a member of Tiger Inn and the American Society of Civil Engineering. He attended Officer Candidate School, and after graduation he spent 10 years in the Naval Engineering Corps, spending time in the Reserves, and then retired as a lieutenant commander.

In 1957 he attended Harvard Business School and moved to Birmingham, Ala., in 1958 to join Sherman Concrete Pipe as its chairman. Under his leadership, the company grew to become Sherman International Corp.

Tom was active in many boards of state and national trade groups. He also served many charitable organizations, including the Boy Scouts of America and the Salvation Army, and was a trustee of Covenant College and Cornerstone Schools. Tom served as chairman of the Federal Reserve Bank of Atlanta for seven years. He enjoyed his participation in the Christian Union, Kiwanis Club, Monday Morning Quarterback Club, and the Country Club of Birmingham. He was an elder of Briarwood Presbyterian Church.

Tom is survived by his wife of 58 years, Annie Lou; their children Beth, LuAnne, Ruth, Catherine, and Jerry; 11 grandchildren; and two great-grandchildren. The class is honored by his service to our country.



George T. Petchel '54

George died Aug. 6, 2016. He was born in Upper Darby, Pa.

He matriculated from Phillips Academy. At Princeton, he was active in varsity football and the Catholic Club. He left Princeton during his sophomore year and subsequently graduated from St. Joseph's University, where he was elected a member of Sigma Phi Sigma National Physics Honor Society. He then served in the Army.

He is survived by his four sons, Christopher, Timothy, Daniel, and Stephen; two grandchildren; and one great grandchild. The class is honored by his service to our country.

THE CLASS OF 1957



Leo A. Byrnes '57

Leo died peacefully Jan. 27,

2017, on his beloved Cape Cod. He attended Princeton on the New England Regional Scholarship. He was active in

Orange Key, Aquinas Secretary, and Campus Fund Drive. He played IAA softball, hockey, bowling, darts, and was on the basketball team. He also played freshman football and joined Tiger Inn, where he dined regularly.

He graduated from Harvard Law School in 1960. Then he moved to Washington, D.C., and served as a government lawyer, working on the federal highway beautification program.

He met Suzanne Halgren, married her, and they had two sons, Gregory and Joshua. He loved coaching his two ball-playing boys.

He moved to Cape Cod in the mid-'80s, where he loved spending these years with longtime companion Muriel Muller. He was an active lawyer with special interest in land and water conservation and a summer baseball league. Fond times were spent by his fire pit with grandchildren and friends.

To his sons Gregory '89 and Joshua; five grandchildren; and Muriel, the class extends its condolences.



Peter W. Roudebush '57

Peter died peacefully in the comfort of his home in Greensboro, N.C., and in the care of his family.

He was born March 8, 1935, in New York City, the son of the late Francis W. and Elizabeth Summey Roudebush. He graduated from Princeton with a degree in architecture and joined Cloister Inn. He continued his education, studying at École des Beaux-Arts in Genève, Switzerland. While in Europe, he met and married Michele Jégou. They moved to the Boston area in 1962, eventually separating, after which he married Susan Horner.

Peter was employed by Skidmore, Owings &

Merrill, and then Brown Daltas & Associates, where he contributed to the King Khalid Military City in Saudi Arabia. In 1983 he opened his own architectural business, Peter Roudebush & Associates, in Cambridge, Mass., where he focused on designing classic city buildings, including the Cushings addition to the Newport Art Museum. He was passionate about city transportation infrastructure, particularly plans for the Boston North/South Station Rail Link, and served for several years as president of the Association for Public Transportation in Boston.

In 2002 he moved to Greensboro. He loved painting with watercolors, music, cooking, sailing, and carpentry.

He is survived by two sons, three grandchildren, a sister, and one cousin.

THE CLASS OF 1958



James E. Bergholt '58

Jim died Jan. 14, 2017, in Jackson, N.J., after an ongoing illness.

At Princeton he majored in chemical engineering. He was a member of Court Club, where he played IAA football, basketball, and softball. His senior-year roommates were Bill Murphey and Shawn Biehler.

Jim earned a master's degree in chemical engineering from M.I.T. and immediately began working for DuPont in its photo-products plant in Parlin, N.J. He retired from DuPont in 1992 after being with the company for 32 years.

In 1976, while a resident of Freehold, N.J., he became involved in coaching soccer around the time it began gaining popularity. One of his teams in 1982 was a runner-up in the N.J. State Cup competition.

Jim enjoyed playing golf, watching the New York Yankees, and the monthly poker games with his buddies.

In 1969 Jim married Ann Carlson. She passed away in 1989. He is survived by his wife, Carolee, whom he married in 1994; daughter Krista; son James and his wife, Felice; stepchildren Jack, Phil, and Jill; sister Kathy; and five grandchildren. To them all, the class extends its deepest condolences.



David Scott Foster Jr. '58

Scott died Feb. 16, 2017, in Hilton Head, S.C., after a prolonged illness.

He entered Princeton from Deerfield and Lawrenceville. A psychology major, he ate his meals at Tiger Inn. Scott roomed with Steve Ball and Kirk Kirkpatrick during his senior year.

In June 1958 he married Helen Lardner, and after a three-year tour with the Air Force he joined Pershing & Co. in 1961. Scott was

divorced in 1970 and later married Susan Morgan. In 1975 he moved to the New York Stock Exchange, where he finished his career as a self-employed floor broker.

During his working years, he lived in Tewksbury Township, N.J. He served his community as a board member of Provident Bank, an elder in the Presbyterian Church, and a trustee of Muhlenberg Hospital.

Scott was an outstanding trap and skeet shooter. His greatest passion, outside of his family, was the Log Cabin Gun Club in Plainfield, N.J., of which he was a member for 54 years and served as its president for 15 years. The club named him its "Centennial Member" upon its 100th anniversary.

Scott is survived by Susan; daughters Laura Ruiz and Liz Crowley; sons Robert, Morgan, and David "Turk" Scott III; nine grandchildren; and two great-grandchildren. The class extends its deepest condolences to them all.

THE CLASS OF 1960



Franklin H. Fry '60 *64
Marathoner (many, including Boston), linguist, teacher, traveler, outdoorsman, and woodworker — all illustrate Frank's love of life

and learning.

At Princeton, he worked in Commons, joined Cloister, and majored in chemistry. Frank began in the Class of 1959, but left school for a year to work in engineering. He married Dale, his high school sweetheart, and then returned as a member of 1960.

Professionally, he followed his chemical-engineering education at Princeton, earning a master's and Ph.D. from the University in 1964, with a succession of positions in chemical research and corporate management.

He retired as vice president for research and development of Hollingsworth and Vose, specialty-materials manufacturers, in 1998. After retirement, in addition to his other pursuits, he took up teaching, principally at the Academy of Lifelong Learning in Lewes, Del. Courses in "Art of the Mystery Novel" and "New Inventions that Have Failed" suggest the breadth and entertainment orientation of his scholarship.

Frank died Jan. 19, 2017, from complications of Alzheimer's. He is survived by Dale, their five children, 11 grandchildren, and three great-grandsons; he had been devoted to all of them. The grandchildren still delight in his accounts of his accomplishments in the 1958 (!) Olympics in "Javelin Catching" and "Porcupine Pole Climbing."

THE CLASS OF 1961

S. Michael Wilk '61

Mike died March 3, 2016, after a short illness. Born and raised in Kenosha, Wis., he was the



first in his family to attend college. Mike majored in biochemistry and rowed freshman year. He was a member of Hillel, the Glee Club, the Pre-Med Society, and the Outing Club. He took his meals at Dial Lodge and roomed senior year with John Bowers, Bayley Silleck, and Don DeBrier.

Following Princeton Mike graduated from the University of Michigan Law School, returning to Kenosha to practice law in a firm of which he was named partner. In 1994 he was elected to the newly formed Kenosha County Circuit Court Branch Seven, where he served proudly for 22 years until his death. The list of civic, legal, and philanthropic organizations Judge Wilk served in Kenosha and Wisconsin is very long. He was also a National Ski Patrolter for 37 years, right up to 10 days before he died, among many other interests and activities.

Mike is survived by his wife of 53 years, Joan; daughter Dr. Deborah Wilk and her husband, Steve Burnham, and their children Jacob and Simon; and son Judge David Wilk and his wife, Lynn, and their children, Jackson and Audrey.

THE CLASS OF 1962



Scott A. Brooks '62

Scott died Feb. 14, 2017, in Stowe, Vt.

He came to Princeton from Choate after attending Andover. Scott dined at Cannon and majored in psychology. He roomed with Phil Allen, Gardiner Dodd, and Jack Whitehouse. He played varsity lacrosse — the team was undefeated in the Ivy League for three years — as did his All-American father, Arch Brooks '33, and his brother, Cadwallader "Caddy" Brooks '64. Scott was a P-rade marshal for years, and a founder of the Friends of Princeton Lacrosse.

After graduation, Scott became the NYSE floor broker for the family's brokerage firm, J.H. Brooks & Co. He later joined JP Morgan, leading its re-entry into brokerage. He then returned to the exchange floor, resurrecting J.H. Brooks. He co-founded the NYSE's ski team, which raced internationally.

Summers were spent on Martha's Vineyard in the family home on East Chop. In 2005, Scott retired to Stowe. He coached Stowe youth lacrosse and was a ski host. His magnetic personality and great sense of humor nourished old friendships and forged new ones.

But in the end it was family that mattered most, sustaining him during his long battle with esophageal cancer. The class extends its sympathies to his children, Jeannette and Caddy; sister Kathleen; sister-in-law Wiffy (his brother Caddy's widow); and nieces Meghan and Hannah.



Rene M. Doublier '62

Rene died peacefully Jan. 28, 2017, at home with his children, Rene Jr. and Michelle, by his side.

Born in Morristown, N.J., Rene came to us from

Mountain Lakes High School. At Princeton he majored in electrical engineering and dined at Campus. He roomed with Ed Rettig, John Barr, and Pete Vanneman. He worked at the Princeton campus radio station as technical director. Rene was involved in WPRB's move from 100 watts to 17,000 watts of broadcast power.

Upon graduation, he was commissioned through Air Force ROTC. While he did not attain flight status, as he desired, he earned both a master's degree and a Ph.D., also in electrical engineering, at the University of Southern California through fellowships extended by the Air Force.

He served with the National Reconnaissance Office within the U.S. intelligence community and played a key role in developments leading to the SALT treaties.

After retiring as a lieutenant colonel in 1982, he spent brief stints with TRW and Hughes before starting his own company, Eastern Sierra Research.

Rene will be remembered for his quick wit, incredible mind, peculiar humor, inventive spirit, and hard-work ethic. Our class conveys condolences to his widow, Janet, and former spouses Judy and Anna; his children; and three grandchildren, John, Emma, and Alexandra.



Eugene L. Martin '62

Gene died Feb. 1, 2017, in Lincoln, Neb.

Gene came to us from East Stroudsburg (Pa.) High School. He majored in biology, minored

in classics, and ate at Dial Lodge. He was a managing editor of the 1961 *Bric-a-Brac*, a manager of the baseball team, and participated in IAA sports. During his junior and senior years he roomed with Jack Schweikert.

He pursued graduate studies in microbiology at Rutgers, earning a Ph.D. in 1970, and did postdoctoral work at McGill University. In 1985 he earned a law degree at the University of Nebraska and became an active member of the Nebraska State Bar Association. He married Dorothy Sisco in 1969 while attending Rutgers; she predeceased him in 2013.

Gene spent 33 years as a microbiology professor at the University of Nebraska, Lincoln. He was an outstanding teacher, receiving numerous awards for teaching both undergraduate and graduate students. Known as a generous and caring research mentor, he guided more than 100 students during his career. He also was a visiting professor at St.



George's University in Grenada. He enjoyed hockey games, his dogs, and fishing in New Mexico.

The class extends its condolences to his mother-in-law, Anna Sisco.

Thaddeus E. Mendenhall '62

Thad died Aug. 2, 2016, in Chesapeake, Va.

Thad came to us from Southwest High School in Kansas City, Mo. He attended Princeton between 1958 and 1960 and 1962 and 1963 but graduated from another college. He majored in history and joined Elm before leaving Princeton. Other activities included photography and work on campus publications.

Thad earned a law degree from Washington and Lee University and was a member of the Virginia Bar Association, registered as a lawyer in Richmond. As a lieutenant colonel in the National Guard, he was the site commander of Camp Pendleton, a training facility for the Marines and Virginia National Guard. After retiring from the service he managed the billeting office there. He married in 1986 but divorced 11 years later. Thad served as the clerk of the Juvenile Court in Henrico County, Va.

He did not maintain contact with Princeton, although he submitted some brief comments to our 25th-reunion book.

The class extends its condolences to his former wife, Linda Etheridge; his daughters, Laura and Elizabeth; his sister, Marjorie; and his brother, Larry.

THE CLASS OF 1963



Owen C. Smith '63

Owen, whose years glowed with excellence and dedication in business, the military, community service, and athletics, died Feb. 5, 2017, of progressive supra-nuclear palsy. He was surrounded by family at home in Big Pine Key, Fla.

Owen came to us from the Lawrenceville School, where he was class poet. At Princeton, where his father was Class of 1932, Owen majored in history, stroked the freshman lightweight crew, acted in Theatre Intime, sang in the Chapel Choir, and was Cloister Inn's president. He then earned a law degree from Penn.

Retired as general counsel of Philip Morris International, he had served as chief legal officer and director of Philip Morris Europe, Middle East, and Africa. After living in Switzerland, the family spent three decades in New Canaan, Conn. Owen's lifelong passion was sailing, even the frostbite version, and he made a trans-Atlantic crossing as well as participating in six Newport-Bermuda races.

As a captain in the 23rd Medical Battalion in Vietnam, he won two Bronze Stars and combat and expert field-medical badges. He stayed

in the Reserves and recently belonged to the Coast Guard auxiliary.

He is survived by his wife of 50 years, Christine; children Philip, Andrew, and Sarah S. Betz; brothers Larry '59 and Richard '62; and seven grandchildren. The class shares its sorrow with them all.

THE CLASS OF 1964



Felix Bendann III '64

Felix, known to friends as "Tuffy," died Jan. 24, 2017, in Sparks Glencoe, Md.

He came to Princeton from Gilman School in Baltimore, where his family owned the Bendann Art Galleries. A member of Charter Club, he majored in religion — his senior thesis was titled "The Existential Framework: Berdjaev and Tillich" — and sang in the Chapel Choir.

He roomed for four years with John N. Lewis and Kent Mullikin. They were joined sophomore through senior year by Fred Welsh, Larry Nichols, and Mal Sterrett, and by Tom Vockrodt senior year. His roommates and friends valued Felix's thoughtfulness, sensitivity, and intellectual exuberance.

After graduate work at Union Theological Seminary, he returned to Baltimore, where he enjoyed creating and teaching courses for Johns Hopkins University.

His lifelong passion for ideas found expression in a book on human creativity, written in the form of a dancelike philosophical dialogue.

An avid woodworker, he made fine furniture and decorative pieces.

He is survived by sister Lynn Scott Bendann; former spouses Janet M. Bendann and Barbara Long-O'Brien; stepsons George D. O'Brien Jr. and Patrick R. O'Brien; and step-grandchild Erin D. O'Brien. The Class of 1964 extends its sympathy to his relatives and friends.

THE CLASS OF 1969



Jon R. Lorrain '69

Jon died July 15, 2016.

A native of Atlanta, Ga., after graduating from Princeton with a degree in French literature, Jon earned a master's degree from the University of Georgia and taught undergraduate French there.

In our undergraduate years, Jon was active in Theatre Intime and participated in the initial season of the Princeton Summer Theater in 1968. He worked with longtime friend and classmate Geoff Peterson at the Metropolitan Opera Guild while pursuing his acting career.

An accomplished pianist, Jon served in the Peace Corps in Africa and was active in Academy Theatre in Atlanta.

He is survived by his three siblings, Lisa Marie, Jeff, and James. We express our sympathy to them. Jon will be missed.

THE CLASS OF 1970



Richard Thomas Weikel '70

Rich died Nov. 5, 2016, of a rare blood cancer.

He was a dedicated ordained minister who devoted his life to those in need. He delivered the University memorial address in the Chapel on Alumni Day during our 25th reunion in 1995.

Rich came to Princeton as a highly rated football player from Pennsylvania. Even in high school he used his physical gifts to protect the weak and disadvantaged.

When an injury cut his varsity career short during sophomore year, he applied his talents and spirit to the study of sociology with Suzanne Keller, to the creation of Stevenson Hall, and to his many friends.

Rich was the type of person who would pause on the way out of a burning dormitory to save a friend's thesis notes — and in fact he did just that. His inexhaustible good cheer never deserted him. His greatest pride in Princeton was his part in the legendary Cannon Hoax of 1969.

Work with disadvantaged youth after college led Rich to earn a master's degree in guidance counseling. His faith and social conscience led him further to the ministry. Tending his flock with his characteristic energy and joy, he was angered in the face of injustice and wept with the victims of violence, in the great activist traditions of our college years.

Rich is survived by his widow, Joanne Villei; daughters Lisa Cram, Lori Becker, Cara Weikel Musk, and Holly Scheffey; sons Andrew Weikel and Nathan Scheffey; six grandchildren; brothers Chris and Joseph; sister Mary Kraus; and his mother, Elizabeth.

We stand with those who made his life so rich and in turn were blessed to know his love and hope. We will deeply miss this powerful and humble friend.

THE CLASS OF 1993



Kristy Nace Amonett '93

Following a courageous two-year battle with cancer, Kristy died peacefully Nov. 8, 2015, surrounded by her family.

Valedictorian of Beaver Area High School in Beaver, Pa., Kristy entered Princeton in 1989, graduating in 1993 with a degree in psychology. A member of the novice crew team that won the 1991 Eastern Sprints, she was also a member of Pi Beta Phi, Quadrangle Club, and the 2 Dickinson Street co-op. Kristy met her husband, John Amonett '93, while at Princeton.

After graduation, she worked at the National Institutes of Health in Bethesda for two years before earning a Ph.D. in neuroscience at the University of California, Davis. She and John married in 1999 and in 2000, they welcomed the first of four children, daughter Morgan,

followed by Abigail, Zachary, and Lucie. The family lived in a number of cities, most memorably Melbourne, Australia, before settling in Ottawa Hills, Ohio, in 2008.

Kristy is survived by husband John; daughters Morgan, Abigail, and Lucie; son Zachary; parents Lyn and John Nace; brothers Jon Nace, Michael Nace and his wife, Sandy, and Patrick Nace and his wife, Frauke Frahm; and nieces Franziska and Gwendolyn. The class extends its deepest condolences.

GRADUATE ALUMNI

Howard K. Schachman *48

Howard Schachman, who had been a professor in the Department of Molecular and Cellular Biology at the graduate school of the University of California, Berkeley, died Aug. 5, 2016, from complications of pneumonia. He was 97.

Schachman graduated from M.I.T. in 1939, and served in the Navy from 1944 to 1946. He earned a Ph.D. in chemistry from Princeton in 1948. That year, he began teaching at Berkeley.

As a biochemist, he was a foremost exponent of the ultracentrifuge — an instrument used to examine the structure of proteins. He wrote a widely read textbook describing its uses. His most significant work encompassed the study of enzymes and how to alter their activity, a phenomenon known as allostery.

He was dedicated to social and political causes. From 1949 to 1951, Schachman was one of 200 faculty members who protested taking a loyalty oath. During the free-speech movement of the 1960s, he was an advocate for students on campus. Schachman was a great proponent of bioethics and taught a graduate student course on the subject. He guided the careers of many eminent biochemists.

He is survived by two sons, four grandchildren, and four great-grandchildren. His wife, Ethel, died in 2013.

Holsey G. Handyside *53

Holsey Handyside, who rose to the rank of United States ambassador in a 30-year career in the Foreign Service, died June 29, 2016, at the age of 88.

After Handyside completed his preparatory education in 1945, he served in the Army Air Corps. He then earned a bachelor's degree from Amherst College in 1950. After a year in France as a Fulbright-Hays scholar, he enrolled at the Woodrow Wilson School of Public and International Affairs at Princeton and earned a master's degree in 1953.

In 1955, he joined the Foreign Service. Over the years, he was assigned to embassies in Cairo, Baghdad, Beirut, and Tripoli. President Gerald Ford appointed Handyside as U.S. ambassador to the Islamic Republic of Mauritania, a position he also held under President Jimmy Carter.

Handyside retired in 1985. He had lived in the Middle East, worked at the State Department,

and briefly was with the Department of Energy, working on U.S. relationships with the Middle East.

He was predeceased by a sister and a brother.

Tony Maxworthy *55

Tony Maxworthy, distinguished professor of aerospace and mechanical engineering at the Viterbi School of Engineering at the University of Southern California (USC), died March 8, 2013, at age 79.

Born in England, Maxworthy earned a bachelor's degree in mechanical engineering from Imperial College in 1954. He earned a master's from Princeton in 1955 and a Ph.D. from Harvard in 1960, both in mechanical engineering.

He then worked at the Jet Propulsion Laboratory in Pasadena, Calif., before joining USC in 1967. He became a full professor in 1970, and from 1979 to 1989 he chaired the mechanical engineering department.

At USC, his creativity and insight won him international recognition in fluid dynamics. His research provided a better understanding of the dynamics of weather patterns, the behavior of avalanches, and the thermal structure of lakes, oceans, and the atmosphere, among other subjects.

Maxworthy was a member of the National Academy of Sciences, a fellow of the American Physical Society and the American Academy of Arts and Sciences, and a life fellow of Clare Hall at Cambridge University. In 2005, he received the G.I. Taylor Medal of the Society of Engineering Science, and in 2011, the APS Fluid Dynamics Prize.

John M. Tierney *55

John Tierney, a retired rear admiral in the Navy, died Sept. 15, 2016, at age 92.

Tierney graduated in 1945 from the Naval Academy. After serving on ships, he entered flight school in 1949, after which he was deployed on aircraft carriers. He earned a master's degree in aeronautical engineering from Princeton in 1955.

He flew new jets off the USS *Forrestal*, and eventually attended test-pilot school. He graduated at the top of his class and became a test-pilot instructor. Tierney commanded an air wing off the coast of Vietnam and led 100 combat missions. After an assignment at the Pentagon, he returned to Vietnam in command posts, including aboard the USS *Constitution*.

While director of plans, programs, and budgets at the Pentagon, Tierney was promoted to flag officer. He retired in 1975. He then was vice president for development at St. Joseph's University in Philadelphia for five years before becoming a vice president of a company operating ports and ships for the Navy. His last position was as president of the Catholic League of the United States, retiring in 1993.

Tierney is survived by his wife, Stuart; four children; 13 grandchildren; and one great-grandchild.

Reynold L. Burrows *56

Reynold Burrows, retired professor of classics at Sweet Briar College, died peacefully Nov. 13, 2016, at age 95.

During World War II, Burrows was selected for intensive military training in language. As a Japanese translator and interpreter, he was among the first to enter Japan at the war's end. He earned a bachelor's degree in classics from Harvard in 1946, a master's degree in Latin and Greek from Michigan in 1949, and a Ph.D. in classics from Princeton in 1956.

Burrows then taught classics at Miami, Colorado, and San Francisco State before joining Sweet Briar in 1962, where he was department chair when he retired in 1983. In addition to Latin, Greek, and classical history, he taught French, German, Italian, Japanese, and Sanskrit.

While at Sweet Briar and after, Burrows was a visiting professor in Athens, as well as a visiting lecturer at Harvard, Brown, Oxford, and other colleges and universities in Europe. According to his sons, he was a demanding teacher but a generous grader and "a tender-hearted soul." He was a serious musician and a board member of the Newport Music Festival.

Burrows was predeceased by his wife of 61 years, Diane, in 2013. He is survived by two sons, including Adam '75, a Princeton astrophysics professor.

John A. Robinson *56

John Robinson, retired distinguished University Professor at Syracuse University, died Aug. 5, 2016, of a ruptured aneurysm following surgery for pancreatic cancer. He was 86.

Born in England, Robinson served in the Royal Air Force from 1948 to 1949 and earned a bachelor's degree in classics from Cambridge University 1952. He earned a master's degree in philosophy in 1953 from the University of Oregon and a Ph.D. in philosophy from Princeton in 1956.

Thereafter, his interests focused on computers and logic. In 1963, while at Rice University, he was a visitor at the Argonne National Laboratories and became interested in automated reasoning. In 1967 Robinson became the University Professor at Syracuse. He was later a visiting professor at Edinburgh University in Scotland.

He traveled and lectured widely and received honorary doctoral degrees from universities in Leuven, Belgium; Uppsala, Sweden; and Madrid, Spain.

Robinson is survived by his wife of 63 years, Gwen; three children; and seven grandchildren.

Graduate memorials are prepared by the APGA.

*This issue contains undergraduate memorials for Yeates Conwell '44 *49, Stanley H. Udy Jr. '50 *58, and Franklin H. Fry '60 *64.*



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: Beautifully-appointed, spacious, 1BR queen, 6th floor, elevator, concierge. karin.demorest@gmail.com, w*49.

Aix-en-Provence: Cours Mirabeau, heart of town. Beautifully appointed, 2 bedroom apartment, peaceful, steps to shops & restaurants, garage, wifi. Perfect for exploring Provence. \$1450/week. greatfrenchrentals@comcast.net

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

Paris 16th: Sabbatical? Live le charme discret de la bourgeoisie. Spacious one-bedroom apartment, 6th floor, elevator, metro Mirabeau. Perfect for long stays. trips@frenchtraveler.com

Paris 7th: Fifth floor, quiet, studio sleeps 3. Balcony. View Eiffel Tower. www.parisgrenelle.com, 207-752-0285.

Languedoc: Charming house in medieval village, spectacular views. Mediterranean, hiking, vineyards, Carcassonne, reasonable rates. www.caussi.com, 646-552-8661.

England, Cotswolds: 3BR stone cottage, quiet country village near Broadway and Stratford-upon-Avon. Information: www.pottersfarmcottage.com, availability: pottersfarmcottage@msn.com

Tuscany: Elegant 17c. villa in Cortona for 10. Privacy, views, pool, olive groves, vineyards. 805-682-2386, www.CortonaAIR.com

Expert-led inspirational, award-winning tours: archaeology/food/walking. Gulet cruises/charters in Croatia, Greece, Italy, Turkey. www.PeterSommer.com

Riviera. France/Italy border. Romantic 3BR garden flat with uninterrupted, breathtaking Mediterranean views. Menton 5 minutes. www.ilvalico.eu

Provence: Delightful five-bedroom stone farmhouse, facing Roman theater. Pool, WiFi. 860-672-6608. www.Frenchfarmhouse.com

Nice, France Promenade-des-Anglais: Spacious renovated 2BR/2.5BA apartment. Secured parking. WiFi. www.nicehomesitting.com/splendid-flat-panoramic-view, k'91, k'92.

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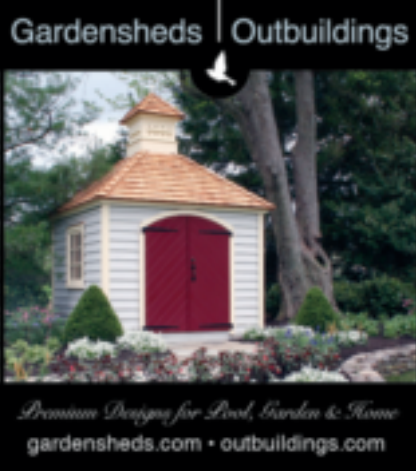
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Left: Vermeer's *The Art of Painting*. Below: Lt. Col. Ernest DeWald *1916, a leader of the Monuments Men, in Vienna in 1946.



Andrew W. Mellon, had unsuccessfully sought to buy for \$1 million in 1935. Hitler met with more success, and in 1940, he purchased *The Art of Painting* from its aristocratic Austrian owner for considerably less, intending to include it in his grandiose but never-realized *Führermuseum*.

As the tide of war turned against the Axis, Vermeer's painting, along with thousands of other artworks, was secreted in an Austrian salt mine before narrowly escaping destruction at Nazi hands.

The fate of this extraordinary trove was entrusted to the Allied armies' Monuments, Fine Arts, and Archives personnel, informally known as the Monuments Men, and it was one of their leaders, Lt. Col. Ernest T. DeWald *1916, who would later bring *The Art of Painting* to the Princeton University Art Museum, which he directed from 1947 to 1960.

An authority on illuminated manuscripts and Italian paintings, this professor-turned-officer served in North Africa, Italy, and Austria, where he played a key role in the preservation of cultural artifacts and the restitution of looted artworks. In appreciation of his labors, the Austrian government loaned *The Art of Painting* to Princeton, a work that was — and to this day remains — one of the country's most prized possessions. ♦

John S. Weeren is founding director of Princeton Writes and a former assistant University archivist.

A Treasure, Under Guard

John S. Weeren

Few visitors to Princeton are escorted by armed guards, and fewer still can claim a close, if involuntary, association with Adolf Hitler. But then there is nothing ordinary about *The Art of Painting*, one of the foremost works of Johannes Vermeer and the Dutch Golden Age.

In the judgment of the National Gallery of Art, the masterpiece embodies the hallmarks of Vermeer's "artistic genius," including "a carefully observed 17th-century Dutch interior illuminated by softly diffused light, exquisitely painted details, and a frozen moment imbued with psychological depth." The museum went further, declaring the painting "stands apart from his other works in its imposing scale and pronounced allegorical character."

Such was the treasure that arrived on campus for an eight-day exhibition May 22, 1950 — a treasure that the National Gallery's founding benefactor,



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Chance Fletcher '18, from Oologah, Oklahoma, is a citizen of the Cherokee nation. He took a "Great American College Road Trip" with his grandmother; when they reached Princeton, he knew he'd found his destination. As a sophomore, he hiked 900 miles of the Trail of Tears, then focused his junior independent research project on the forced removal of the Cherokee people from their ancestral lands. His journeys have taken him far from home, but closer to understanding his roots—and his dreams for the future.

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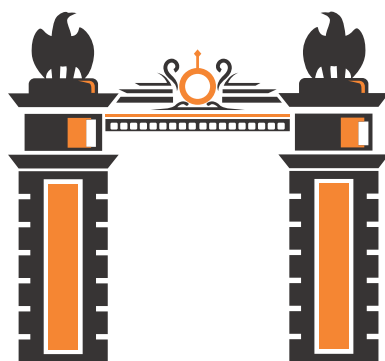


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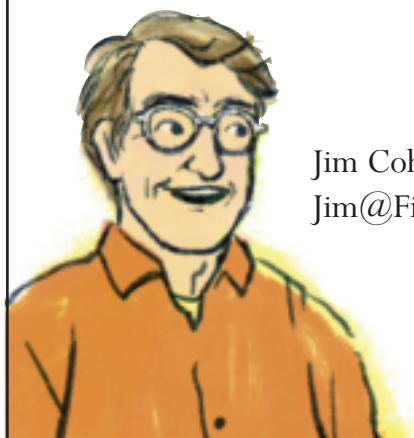
Fitz Gate Ventures invests in companies founded, owned or managed by Princeton alumni, faculty or students. See its first 3 investments and its list of “Friends of Fitz” at www.fitzgate.com.

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