TIME OUT

EDEN FULL ’15
Left college for a different kind of classroom
The PVC SERVICE CIRCLE provides grant funding for Princeton student-athletes to bring their community service ideas to life. To date, the PVC has helped support several worthy causes across the globe, furthering the athletic department’s commitment to fostering Education Through Athletics™, on and off the fields of play.

Nicole Hung ‘14 and Jordyn Seni ’14 of the women’s basketball program have chosen to support the Vivre Ensemble Orphanage in Mbour, Senegal, where they visited with their team in the summer of 2011. Through their program, “Assists 4 Africa,” they are raising funds to provide critical items, including food and medicine, to hundreds of children currently living at the orphanage.

To learn more about Assists 4 Africa, visit [www.crowdrise.com/assists4africa](http://www.crowdrise.com/assists4africa)

The PVC would like to thank our loyal members for their generous support. To learn more about PVC programs that benefit all 38 varsity athletic programs, or to become a member, please visit www.PrincetonVarsityClub.org.
Tune in, drop out, start up 22
For Eden Full ’15, who left Princeton to become a social entrepreneur, the real world was the best classroom of all.
By Mark F. Bernstein ’83

Ditch the furniture; line up the laptops 26
On the verge of something big: The lives of young entrepreneurs.
By Mark F. Bernstein ’83

What’s new @ PAW ONLINE

HEALTHY CHOICES
View video from The Biggest Loser and read a Q&A with childhood-obesity expert Joanna Dolgoff ’96.

JUKEBOX HERO
Is the album dead? Pandora CEO Joe Kennedy ’81 weighs in on this and other music-industry issues.

INNOVATION AT WORK
Watch a TED talk by Thiel fellowship winner and solar-technology entrepreneur Eden Full ’15.

ALUMNI BLOGS
Browse our directory of more than 200 blogs by Princetonians, and contact us to add your own.
Transforming 20 Washington Road

Now that the Department of Chemistry is happily ensconced in its spectacular new home, we have turned our attention to its former—and decidedly timeworn—quarters at 20 Washington Road, better known to most of you as Frick Laboratory. Although this building, which opened in 1929, could no longer meet the needs of 21st-century science, it remains an iconic collegiate-gothic structure—one of many designed for Princeton by the Philadelphia-based architectural firm of Day & Klauder. It also represents 197,000 square feet of prime real estate at a time when many departments and programs are pinched for space and, in the case of its future occupants, scattered among a number of locations. Last but not least, the repurposing of 20 Washington Road opens the way for new forms of physical and intellectual connectivity as we both knit the campus more closely together and develop distinct, if porous, neighborhoods for different disciplinary groupings.

And so, with the help of Kuwabara Payne McKenna Blumberg Architects of Toronto—a firm, co-founded by Thomas Payne ’71, that is expert in adapting historic buildings to modern uses—we set about the task of reimagining 20 Washington Road. We hope to strike a delicate balance between preserving the most appealing features of this building—its stone walls, wood-beamed lobby, leaded windows, and collegiate-gothic flourishes—and transcending its limitations—a gloomy interior, mazelike corridors, and a woefully inefficient mechanical system.

Thus, when construction is completed in 2016, 20 Washington Road will be immediately familiar from the outside, even with a stunning new entrance on Scudder Plaza and the removal of unsightly external fire escapes and a cement eastern façade that was superimposed on the building in 1979. Once you enter, however, you will encounter an entirely reimagined building. Chief among its new features are two large atria, with clerestories designed to admit abundant natural light—one oriented to Washington Road and the other fronting Scudder Plaza. Each of these atria will contain a “floating” seminar room that itself makes ample use of glass, while three rooftop pavilions will provide additional meeting space and a wonderful view of campus. In short, one of Princeton’s most claustrophobic buildings is destined to become among its airiest and brightest.

Perhaps the crowning accomplishment of our architects has been to make it possible for two different academic enterprises—the Department of Economics and our international programs—to occupy the same building without losing their sense of identity. Indeed, one of our primary goals in repurposing 20 Washington Road was to undo the centrifugal effects of having our economists in six different buildings and our international programs—ranging from the Princeton Institute for International and Regional Studies to the Bridge Year Program—split among four. Without in any way impeding the flow of faculty, staff, and students throughout the building, our architects have created for each set of users a discrete environment and their own “front door.” The existing entrance on Washington Road will principally serve the Department of Economics while the new entrance on Scudder Plaza will be the main approach for those now able to do “one-stop shopping” for international activities, underscoring our University-wide commitment to bringing the world to Princeton and Princeton to the world. When 20 Washington Road reopens, its occupants will at last be able to reap the benefits of frequent face-to-face encounters and the organizational synergies that arise when colleagues find themselves beneath one roof.

By situating the Department of Economics and our international programs on Scudder Plaza, we complete a social sciences “quad” that includes the Department of History across Washington Road, together with the social science buildings that border the plaza. The service alley and wall that currently separate 20 Washington Road from this beautiful open space will be replaced with a flagstone walkway and green embankment shaded by a new generation of magnolias. For both practical and symbolic reasons, the bridge that connected Frick Laboratory to Hoyt Laboratory will be removed, allowing the latter to assume a separate existence as the new home for our growing program in bioengineering.

The transformation of 20 Washington Road is the most ambitious project of its kind that we have ever undertaken, but the rewards of breathing new life into this fine old building far outweigh the challenges.

SMbaughman
“Springsteen traded his black beret for Bobby [Varrin ’80]’s black tie, and wore the tie like a headband for the rest of the set.”
— Rob Stewart ’80

Music at Princeton

W. Barksdale Maynard ’88’s feature in the Jan. 16 issue (“Hitting the high notes”) brought back many wonderful memories of singing in the Chapel Choir. I remember being intimidated, hearing the choir conducted by Carl Weinrich my freshman year. Thank goodness I got up the nerve to audition at the beginning of my sophomore year, Walter Nollner’s first year as director.

The discipline required to attend frequent rehearsals and services was offset by the great reward of singing a large number of masterpieces. Nollner selected a challenging repertory, such as one Bach cantata per month, and I credit him with opening my ears to Renaissance music and introducing me to Schubert’s Mass in E-flat Major. He planned our trip to Europe, where we sang Mozart in Salzburg and Vienna, Josquin in St. Mark’s and Chartres, and Fauré in the Madeleine.

Two memories stand out. The first was particularly dramatic: During a service, a white dove, which had found its way into the Chapel, made a flight down the center of the nave toward the altar; we had been plunged straight into a Van Eyck painting. The second occurred during our final rehearsal for the Milbank Concert of Haydn’s Seven Last Words of Christ. Power had failed in the Chapel, and Nollner, aware that we needed to practice nevertheless, arranged to have the chancel illuminated by candles. We felt as if we had been transported back in time to the 18th century.

I’m grateful that Princeton made this whole experience possible for me, especially considering my musical background.

Penna Rose conducts the Chapel Choir at a rehearsal in December.
inadequacies, and am pleased that current students still have this opportunity. It should prove to be one of their finest academic memories as well.

**STEPHEN S. SECHRIST III ’76**

New York, N.Y.

Your Jan. 16 music issue stirred many memories of concerts attended in the early ’70s, but it was your profile of Stanley Jordan ’81 (“Profiles in music”) that reminded me of the time that, as the administrator working with the Madison Society, which served meals in Chancellor Green in the late ’70s and early ’80s, I was looking for musicians to play at Friday dinners.

I was given the name of a senior who was purportedly a talented guitarist — Stanley Jordan. So I called him up in his room and asked if he’d be willing to play for the students during dinner. He agreed, and I asked how much he would charge. As I recall, his answer was basically: “Whatever.” Mindful of our limited budget, I offered an amount I hoped would be acceptable: $40. Without hesitation, he again agreed, and we were treated to a wonderful performance in his signature two-handed guitar-neck style.

About 20 years later, as a renowned jazz guitarist, he was a featured performer at McCarter Theatre. I smile when I think about the cost of my single ticket that night: $40.

**STEVE SCHAEFFER ’73**

Hopewell, N.J.

Congratulations on your “celebration of music” issue! What you omitted is recognition of the great leaders who built the music department into one of the strongest departments of the University, e.g., Roy Welch, Roger Sessions, and Merrill Knapp.

**WILHELMUS B. BRYAN III ’47**

New York, N.Y.

I was sorry not to see included Ed Polcer ’58, who has played for U.S. presidents, at Grace Kelly’s wedding, and at virtually all Princeton reunions since he graduated. He is arguably the finest traditional or Dixieland jazz cornetist and band leader in the country.

**JOHN C. STONE II ’53**

Hanover, N.H.

Those memorable concerts

When ticket sales were announced for the ’78 Bruce Springsteen concert in Jadwin, my roommates asked if I wanted to join them in camping out overnight at the ticket booth. Thinking this was too fervent, I declined. So I sat in Jadwin’s balcony with my binoculars and watched “The Boss” standing in the front row singing “Spirit in the Night” — with his left arm around my roommate Bobby Varrin ’80’s shoulders. Springsteen traded his black beret for Bobby’s black tie, and wore the tie like a headband for the rest of the set. During a few of the faster numbers, the suspended gym floor was clearly undulating, its amplitude evident in my binoculars. Unforgettable.

**ROB STEWART ’80**

Norcross, Ga.

Most interesting concert moment: Alexander Hall, probably 1972; John McLaughlin and the Mahavishnu Orchestra … with opening act John Prine! Who put this one together? After several songs by Prine, someone in the restless crowd awaiting the main act yelled, “Get off the stage.” Prine stepped

*continues on page 6*
Annual Giving
Creating Pathways

“My friendship with my classmates has given me the opportunity to expand my knowledge and interests in different cultures and languages.”

Ubaldo Escalante ’13, of Phoenix, AZ, is concentrating in architecture and pursuing a certificate in Latin American Studies. He serves as an intern at the Carl A. Fields Center for Equality and Cultural Understanding and is involved with Acción Latina and Ballet Folklórico.

Please make your gift to Annual Giving today to help generations of students create their own pathways.

This year’s Annual Giving campaign ends on June 30, 2013. To contribute by credit card, please call our 24-hour gift line at 800-258-5421 (outside the U.S., 609-258-3373), or use our secure website at www.princeton.edu/ag. Checks made payable to Princeton University can be mailed to Annual Giving, Box 5357, Princeton, NJ 08543-5357.
FROM THE EDITOR

It might seem strange, at first blush, that Supreme Court Justice Sonia Sotomayor ’76 would share a message with young entrepreneurs working nonstop on a startup. But they do, and it’s not a message about success. It’s about failure — and why we shouldn’t fear it.

Students come to Princeton with stunning records of accomplishment: sky-high test scores, college-level classes, recognition as artists and athletes.

What’s not on those CVs, I suspect, is any record of failure. The stakes for most students are too high to leave the proven path to college or grad school — why risk a bad grade to explore a new and challenging interest when your transcript lists straight As?

J.K. Rowling, who spent years in poverty before writing the Harry Potter series, answered that question at Harvard’s commencement in 2008.

“Failure gave me an inner security that I had never attained by passing examinations,” she said. “I discovered that I had a strong will, and more discipline than I had suspected; I also found out that I had friends whose value was truly above the price of rubies.”

In this issue, Mark F. Bernstein ’83 reports on Princetonians who were unafraid to fail: young alumni and students intent on building companies; a young Latina who leapt into the unfamiliar on her way to the nation’s highest court. Most startups fail, and yet entrepreneurs consider failure essential. There’s no better guide for improving your product.

Sotomayor, speaking about her Princeton experience, told PAW that mentors should help instill “the courage to fail.” That’s harder to attain than a polished résumé, but as Rowling said at Harvard, it’s “a true gift … worth more than any qualification I ever earned.”

— Marilyn H. Marks ’86

Inbox continued from page 4

back for a moment, then walked up to the mike and said: “The next song’s called … ‘Get Off the Stage!’” He won them over.

JAMES “PUTTER” COX ’74
Hamilton, N.Y.

I have thoroughly enjoyed the Jan. 16 issue re: music at Princeton. Seeing your request for memories, I have a good one! My junior year, I got tickets late for the James Taylor concert, which apparently got moved to Dillon (the ad in your issue said the concert was to be at McCarter). My date and I were seated at the last-minute-added seats at Dillon, wooden seats along the stage. As I sat down with my date to my left, I noted an attractive, vaguely familiar hippie-ish woman sitting to my right, apparently unaccompanied (we were all “hippies” in those days).

So midway through the concert, James turned, looked right at the lady next to me, and started singing “Happy Birthday” to … Joni Mitchell! He invited her up to the stage, and they performed several songs together. It was great, and I was of course freaked out that I did not recognize Joni right away.

Oh, and my date enjoyed the concert as much as I did!

WAYNE VAN SAUN ’71
Waterford Works, N.J.

I am a longtime reader of PAW — off and on for the last 50 years or so (my father went to Princeton). I think it is a great alumni magazine. But I particularly want to give a shout-out to W. Barksdale Maynard. His writing in PAW is always lively and knowing, warm without being too sentimental. I enjoyed “Play a song for me” in the Jan. 16 issue. I was at that sweet — and I have to say, pretty stoned — James Taylor concert in 1970, as a Harvard sophomore; it was on the night of the Princeton-Harvard football game.

EVAN THOMAS
Ferris Professor of Journalism
Princeton University

I recently saw a film featuring the Russian opera legend Galina Vishnevskaya, and it brought back the wonderful memory of hearing her in concert at McCarter Theatre, around 1965. I was a graduate student at that time, married with two young children. Living on a research assistantship was challenging, but we were able to afford the subsidized tickets for concerts and plays at McCarter.

Vishnevskaya was accompanied on the piano by her husband, world-famous cellist Mstislav “Slava” Rostropovich. She was dressed in a strapless crimson gown and, with her fair skin and dark hair, she was a beautiful and commanding sight. Her voice was probably at the top of its quality. It was an enchanting evening, and I wish it had been recorded for posterity.

MURRAY McANDREW ’67
Cypress, Texas

Learning from Babbitt

I was very glad to see your tribute to Milton Babbitt ’92 (From the editor, Jan. 16). Many years ago, when I was a senior, I delighted as much in studying the piano (with the wonderful Louise Strunsky in town) as in my academic work. But I was a lousy player, and when she told me to take a course in elementary harmony to improve my sight-reading, I signed up. The course — even though introductory — was taught by Babbitt, and by the end of it, though I remained a terrible sight-reader and terrible pianist, I had learned an enormous amount from him.

At the time I was largely unaware of his fearsome reputation as a composer of extraordinarily demanding music. Many years later, while provost at Middlebury, one of my tasks was to interview all applicants for faculty positions. One young woman came through, about to complete her doctoral at Princeton under Babbitt. “I gather you’ve studied with Milton Babbitt,” I said to her. “Oh yes,” she replied. “A wonderful man and a wonderful teacher. But please don’t be afraid that I write his sort of music.” Nor does she, as I found when she joined our faculty.

NICHOLAS CLIFFORD ’52
Middlebury, Vt.
Will you receive a copy of RoadMap this year?

Make sure you are on the Alumni Education Interest List so that you are among the first to hear about new destinations, read stories on fascinating professors, and get helpful travel tips from Princeton Journeys experts. Sign up at http://alumni.princeton.edu/learntravel/roadmaplist/
Ten years ago, Brian Childs was wrapping up law school in Boston. He had arrived there three years earlier by way of his hometown of Houston, TX, then Princeton (where he majored in Anthropology). With time now for an extracurricular activity, he was looking for some intellectual engagement accompanied by comfortable companionship – and he found it in the Reading Group of PANE, the Princeton Association of New England, which met to discuss books over wine and cheese in a downtown bookstore.

Childs was soon chair of this active group, putting him in the sights of the officers of PANE, who recognized a leader when they saw one. He was asked to join the board of PANE as Careers Chair, was Vice President two years later and then in 2011 became President.

It was as Careers Chair that he first became involved with the NetNight initiative. Boston had been one of the earliest host cities for this networking event that brings together Princetonians who want to further their career development and strengthen their network. His efforts once again recognized, in 2009 Childs was asked to join the Alumni Council’s Careers Committee and helped to refine the networking format that has become the hallmark of a NetNight event: a speaker focused on a career-related topic; a structured networking exercise; and a traditional networking reception. Global NetNight, when Princeton regional associations around the world host in-person networking events, was launched in 2011. Childs, who has co-chaired this undertaking from its inception, has been hard at work on the third annual Global NetNight taking place on Tuesday, March 12.

Childs’ time leading PANE was cut short when his wife Stephanie, a physician specializing in radiation oncology, was presented a singular opportunity at the Mayo Clinic, in Rochester, MN. With Stephanie originally from Minnesota and Childs’ law firm with an office in nearby Minneapolis, the Childs headed to the Midwest. No sooner was his family settled in Rochester than Childs volunteered with the Princeton Club of Minnesota. On the club’s board since the fall of 2012, Childs praises the club’s strength in Alumni Schools interviewing. And he is eager to share what he learned at PANE to help the PC of Minnesota expand the scope of its activities and to engage Minnesota Princetonians with the club and with each other.
Your Alumni Trustee Candidates

The Committee to Nominate Alumni Trustees is pleased to announce the candidates for Alumni Trustee At-Large, Region II Trustee, and Graduate Alumni Trustee. The election materials will be available to all alumni after April 1, 2013.

At-Large

Victoria Baum Bjorklund '73
Plandome, NY

Paul G. Haaga, Jr. '70
La Canada, CA

James H. Simmons '88
New York, NY

Region II

Steven D. Leach '82
Baltimore, MD

Maria Pabon Lopez '85
New Orleans, LA

Michael D. McCurry '76
Kensington, MD

Graduate

Robert C. Orr *92 *96
New York, NY

Terrence J. Sejnowski *78
Solana Beach, CA

Sheryl WuDunn *88
Scarsdale, NY

Global NetNight 2013

Participating Regional Associations
(as of January 28, 2013)

Continental Europe – Netherlands Chapter
Princeton Alumni Association of Canada – Toronto Chapter
Princeton Alumni Association of Central Connecticut (Hartford)
Princeton Alumni Association of Fairfield County (CT)
Princeton Alumni Association of France*
Princeton Alumni Association of Rhode Island
Princeton Alumni Association of South Carolina (Columbia)
Princeton Area Alumni Association
Princeton Association of Delaware
Princeton Association of New England (Boston)*
Princeton Association of New York City
Princeton Association United Kingdom
Princeton Club of Georgia
Princeton Club of Hong Kong
Princeton Club of Minnesota
Princeton Club of Northern California
Princeton Club of Oregon
Princeton Club of Rochester (NY)
Princeton Club of San Diego
Princeton Club of Southern California
Princeton Club of Washington DC
Princeton Club of Western Washington (Seattle)

*Event will be held on an alternate date to be determined

For more information on Global NetNight, go to:
http://alumni.princeton.edu/calendar/gnn/

EVERY VOICE:
A Princeton University Conference
for Lesbian, Gay, Bisexual, Transgender & Ally Alumni

Save the Date

Thursday, April 11–
Saturday, April 13, 2013

To sign up and for more information visit alumni.princeton.edu/lgbt.
Acclaimed author Oates to retire from University

Joyce Carol Oates, one of the country’s most famous living novelists, will retire after 35 years as a professor in Princeton’s creative writing program when she finishes teaching her final writing seminar next fall.

Oates, 74, the Roger Berlind ’52 Professor of the Humanities, said she reluctantly accepted a retirement package that encourages senior faculty to phase out their teaching with three years of half-time work before leaving. She is teaching this semester at the University of California, Berkeley. Before she departs, she is publishing a novel set at Princeton — a supernatural journey through the ivory tower, called The Accursed, which comes out in March.

The novel is the latest installment in Oates’ astounding volume of work — more than 50 novels; 36 collections of short stories; three dozen children’s books, plays, volumes of poetry, and nonfiction books; and even the libretto for an opera. She also is a legend in the classroom, with many of Princeton’s young writers clamoring to study with her.

Elise Backman ’15 got in line outside New South at 5 a.m. one day last spring to land one of the 10 spots in Oates’ creative writing seminar. Students say her feedback can be blunt. Alex Gansa ’84, co-creator of the TV show Homeland, told The Daily Princetonian he recalled Oates reading the first 11 pages of his thesis project, a novel, and telling him, “Well, this isn’t very good, is it?” She also can be devoted, reading drafts of Jonathan Safran Foer ’99’s thesis project every two weeks until the novel — later published as Everything is Illuminated — was finished, Foer told The Guardian of London.

In class, Oates is funny and inquisitive about her students’ lives, a contrast to her sometimes-frosty demeanor at the many talks and book signings she does. She can be freewheeling, recently launching a Twitter account from which she sends out witty observations several times a day.

Her 19th-century work ethic, as many have dubbed it, may come from her hardscrabble childhood on a farm in upstate New York, where Oates attended a one-room schoolhouse and went to Syracuse University on a scholarship. Starting in high school, she began “consciously training myself by writing novel after novel and always throwing them out when I completed them,” she told PAW in 1979. Her first

Visions of urban future at first global forum

The first Princeton-Fung Global Forum drew 150 scholars and experts to Shanghai from around the world to discuss how population growth, social trends, climate change, and other factors might shape “The Future of the City.”

“We hope that this will be the beginning of a wonderful series of conferences in which Princeton engages with some of the important questions facing our world,” President Tilghman said Jan. 30 as the three-day conference opened.

“China is urbanizing at the rate of about 14 million people a year” — a figure equivalent to the population of Tokyo, said William Fung ’70. Fung is chairman of the Hong Kong-based Li & Fung group of export and retail companies; his $10 million gift to Princeton established the forum.

Nineteen Princeton faculty members attended the conference, along with urban-policy experts from Asia, Europe, and North America. Filmmakers Andrew Jarecki ’85 and Anurag Kashyap of India discussed how cities were depicted in their work, and an exhibition on “The Resilient City” showcased work by University researchers and students.

Next year’s global forum will be held in Paris.
Oates says her new novel explores “a completely oblivious, blind, self-satisfied and self-congratulatory, white, Protestant, affluent society and community, which was Princeton at that time [1905].”

The novel, *With Shuddering Fall*, was published when she was 26, and a National Book Award for them came just six years later. In the following decades, the response to her work often sawed between high praise and disdain. *The Accursed* is an anomaly, a book 30 years in the making. Oates wrote the original manuscript in the early 1980s and has been revising it ever since. It required extensive research on the era of Woodrow Wilson 1879, which she did herself. “I’ve never had a research assistant,” she noted.

Princeton to raise undergraduate fees by 3.8 percent

**Undergraduate tuition, room, and board** charges will increase 3.8 percent for 2013–14 as part of a $1.58 billion operating budget approved Jan. 26 by the University trustees. The University said that even with the increases, Princeton’s costs will remain “at the bottom of its comparison group” — at least $1,000 less than the fees currently charged by any of the University’s peer schools.

Financial aid is projected to increase 4.6 percent to $121.4 million, with 60 percent of undergraduates expected to receive aid. The average aid package this year is $39,700. Graduate tuition will increase 3.9 percent to $40,170, and housing rents will rise 3 to 4 percent. Grad-student stipends will increase 3 percent.

Provost Christopher Eisgruber ’83, who chairs the University’s Priorities Committee, which makes budget recommendations to the trustees, said in a Jan. 16 letter that the University is “in excellent financial health.” The budget, which calls for a 4 percent increase in spending, includes $1.2 million in additional resources for priority initiatives such as fellowship advising, Career Services, sustainability, and assistance to scholars as the University creates a new open-access database of Princeton research.

The endowment is expected to contribute $752 million to the budget, up 5.2 percent from the current year. That is 47.6 percent of the projected income. By W.R.O.
Oates continued from page 11

genres and received the Bram Stoker Award for Lifetime Achievement from the Horror Writers Association.

Oates said her new novel is an exploration of “a completely oblivious, blind, self-satisfied and self-congratulatory, white, Protestant, affluent society and community, which was Princeton at that time.” Wilson congratulates himself for inviting Booker T. Washington to lunch at Prospect House, and deems it audacious of Paul Robeson’s father to ask that Wilson admit his son to the University (which he refuses to do). He laughs at the “ridiculous notion” that blacks and women ever will attend Princeton. (It is true that Wilson invited Washington to his inaugural in 1902. As for Robeson, he was 7 years old in 1905, the year The Accursed takes place.)

Supernatural forces unleashed on the rich, white Princetonians are retribution for their bigotry. “I hope it’s an entertaining novel, and that these deeper themes will come up in a subtle way,” Oates said.

Princeton has not figured prominently in Oates’ work, though she has lived there since 1978. She and her first husband, Raymond Smith, together ran the literary magazine Ontario Review until his death in 2008, which she chronicled in her memoir A Widow’s Story. A year later, she married Charles Gross, a Princeton professor of psychology.

If there is a silver lining to her retirement, it may be that she will have even more time for her writing.

“She lives to write,” said Daniel Halpern, a longtime friend who has been her editor at Ecco Press since 1999. Halpern can’t envision that Oates ever would retire from writing in the manner of Philip Roth, who recently announced that he had stopped practicing his craft at 77. “If you took that away, she’d be lost. She would never stop.” By J.A.

IN MEMORIAM

Noted architecture critic ALAN COLOQUHOUN, a faculty member from 1981 to 1991, died of natural causes Dec. 13 in London. He was 91. The Class of 1913 Lecturer in Architecture emeritus, Colquhoun graduated from the Architectural Association in London and taught at Harvard, Cambridge University, and several other schools of architecture while continuing to practice with his firm, Colquhoun & Miller. His influence as a critic grew following the 1981 publication of his acclaimed Essays in Architectural Criticism. His last book, Collected Essays in Architectural Criticism, was published in 2009.

CHARLES GILVARG, professor emeritus of molecular biology, died Jan. 6 in Scottsdale, Ariz., following a stroke. He was 87. Gilvarg, known as a demanding teacher, spent 34 years at the University, seeing its program in biochemical sciences evolve into a department and serving as the first chairman of the Department of Biochemical Sciences (later the molecular biology department). His work on amino-acid biosynthesis and transport was important in the biochemical-research renaissance of the 1960s and ‘70s. At the time of his death, Gilvarg was awaiting results about the efficacy of a biological indicator of early-stage pancreatic cancer he had been researching.

Renowned mathematician ARTHUR STRONG WIGHTMAN ’49, a faculty member from 1949 to 1992, died Jan. 13 of Alzheimer’s disease in Edison, N.J. He was 90. Considered a founder of modern mathematical physics, he provided an axiomatic approach to quantum field theory and originated the Wightman theorems. He received the inaugural Henri Poincaré Prize in 1997, among other awards.
Poets to celebrate their craft

“Prose is walking; poetry is flying,” said poet Galway Kinnell ’48. Many poems — and discussions about poetry — will fly through Princeton March 15–16 at the third Princeton Poetry Festival, a biennial event. Pulitzer Prize-winner Jorie Graham and China’s Bei Dao are scheduled to appear, along with poets from Africa, Scotland, and Turkey. Also reading their poetry will be Lizzie Hutton ’95 and Monica Youn ’93. A two-day festival pass is $25.

MONICA YOUN ’93: Youn is a rare hybrid: a public-interest lawyer and a published poet. She has been inventive at carving out successful careers in both fields, once serving simultaneously as a law clerk to a federal appeals-court judge and as a Wallace Stegner Fellow in poetry at Stanford. Her second poetry collection, Ignatz, loosely based on the mouse character from George Herriman’s Krazy Kat comic strip of the 1920s, was a finalist for the National Book Award.

Youn is a Brennan Center Constitu- tional Fellow at New York University’s School of Law, working on First Amendment and election-law issues. She composes her poems when she can get a few consecutive weeks of vaca- tion, occasionally staying at a Province- town, Mass., inn where Norman Mailer used to write. “I would not leave the house until I had written something every day,” she said.

LIZZIE HUTTON ’95: Hutton arrived at Princeton with aspirations of becoming a fiction writer; she left as a poet. Studying with creative writing professors Paul Muldoon and James Richard- son ’71 taught her how to talk about poetry and to understand “the texture and music of a poem,” she said. Her 2011 poetry collection, She’d Waited Millennia, explores relationships, motherhood, and marriage.

After teaching writing for 12 years at the University of Michigan, Hutton recently became a student there in a joint Ph.D. program in English and education. She is studying the value of reading literature in the classroom.

Hutton believes poetry festivals are precious opportunities: “Hearing poets read their work aloud is a very intimate experience, chancy and improvisational. It can be revelatory.”

By J.A.
An impetuous singer, exiled to the gulag

When music professor Simon Morrison ’97 set out to write a biography of the wife of composer Sergei Prokofiev, he worried that gaps in the historical record would scuttle the project: “It was a real gamble for me.” The family granted him exclusive access to hundreds of Lina Prokofiev’s letters, but would these documents explain anything about the eight years she spent in the Soviet gulag — a harrowing ordeal of which she rarely spoke, right up to her death in 1989?

Morrison found, to his astonishment, that she had preserved many letters written from the hellish camps. “I couldn’t believe that they existed,” he says. “And they were completely terrifying. In that instant, I realized I could complete the book — including its shattering climax” in the gulag with its hunger, filth, and cold.

In Lina and Serge: The Love and Wars of Lina Prokofiev (Houghton Mifflin Harcourt), Morrison’s protagonist emerges as a talented soprano who loved life and was impetuously eager for travel and adventure. Of Russian descent but raised in Brooklyn, she acquiesced when her husband suggested they move to the Soviet Union from Paris in 1936, against their friends’ fearful objections.

Their relationship crumbled amid pressures of life in the Stalinist state, where authorities fettered Prokofiev with trivial projects — not the grand commissions he had hoped for — and came to fear that Lina would tell the West of her husband’s unhappiness with the USSR. “No sooner had she relocated there, than she wanted out,” Morrison says. “They didn’t realize they were living in the darkest time of Russian history. They didn’t see the scope of the Stalinist terror until it was too late.”

Within a few years, Lina’s husband left her. In 1948, she was snatched off the street on trumped-up charges of treason and sent to the gulag — far from her two sons, who couldn’t even find out why she had been arrested. During four years of research, Morrison visited two of the bleak places in which she was incarcerated to get a vivid sense of what she endured: “I thought, if I’m in this privileged position of getting all this exclusive material, it was my obligation to her to get as close as possible to where she was.”

Eventually freed, Lina finally was allowed to leave the Soviet Union for London in 1974. When her grandson read the book manuscript, Morrison says, “He was pretty devastated by it. He called it ‘a requiem for a dream’ — his grandparents’ hopes for a better life, ruined by the totalitarian state.

The story is deeply tragic, but Morrison admires Lina Prokofiev’s resilience in the camps, her determination to survive. “There was nothing in her life that made her a hero — until then.” — By W. Barksdale Maynard ’88

FYO: FINDINGS

Whoever said the eyes are the windows to the soul should have looked down. According to research by psychology professor Alexander Todorov, BODY LANGUAGE more accurately conveys intense emotion than facial expressions. In experiments conducted by Todorov, subjects were better at guessing the emotion conveyed in a photograph of a person based on body language — alone or combined with facial expressions — than on facial context alone. The results were published in Science in November.

When trying to make a GOOD IMPRESSION, people who seek to present themselves as competent downplay their warmth, and those hoping to seem warm downplay their competence. That’s according to research by psychology professor Susan Fiske and Deborah Haloien GS. They asked study subjects to write introductions about themselves using words pretested to be high or low in warmth and competence, to be included in an email message to people they wanted to impress. The findings were published in the Journal of Experimental Social Psychology in January.

If temperatures soar and sea levels rise because of GLOBAL WARMING, human populations may move northward and inland in response, causing cities there to grow and older coastal metropolises to become poorer. Some of us might prosper, others suffer economic loss, says professor of economics and international affairs Esteban Rossi-Hansberg in a coauthored National Bureau of Economic Research working paper.

By Nora Taranto ’13 and W. Barksdale Maynard ’88
Health alerts from a tooth tattoo

A TINY, STICKY, BIOSensor

Michael McAlpine, assistant professor of mechanical and aerospace engineering, likes to scale down. His laboratory works on scaling down materials — a process that changes the material’s properties. The goal is to create materials that interact with the body. “We call this bio-interfacing, and the materials are nanoscale,” said McAlpine. A million nanometers fit in the period at the end of this sentence.

His laboratory is making biosensors from graphene, a single-layered carbon sheet. Many layers of graphene make up graphite, or pencil lead. But while graphite is brittle because of the way individual carbon sheets are layered, carbon atoms in a single sheet are bound tightly together, making graphene strong and flexible. “Everything changes from bulk graphite to nanoscale graphene,” said McAlpine. “It is like the difference between a tree and a piece of paper.” The electronic properties of graphene also make it useful as an electronic sensor.

McAlpine recently demonstrated that graphene can be applied to the skin or other tissue using silk. “It’s a [temporary] tattoo you slap on. The biosensor is printed on top of the silk, and you dissolve away the silk with water, leaving the graphene sensor on your skin,” he explained.

APPLICATIONS TO SINK YOUR TEETH INTO

The laboratory created a tooth sensor that can detect bacteria, adding electrodes and a wireless coil so that the sensor can transmit information and be powered remotely. The sensor sticks to tooth enamel, and when bacteria bind to the peptides added to the sensor, a signal is transmitted to a remote device. The tooth sensor was featured among 32 “innovations that will change your tomorrow” in The New York Times Magazine last year.

The sensor can carry out the difficult task of detecting a single, specific type of bacterium. As soon as one bacterium gets in your body, it divides exponentially, making you sick. Detection and treatment before a full-blown infection would be a major advance. In hospitals, where bacterial infections are common, the sensor could be placed on patients or their hospital equipment. “The Holy Grail is to be able to detect diseases from saliva and breath,” said McAlpine. “The tooth comes in contact with both, so you can tailor the sensor to target different diseases.”

IN THE PIPELINE

In collaboration with Princeton neuroscientists, McAlpine is using nanosensors to detect tiny mechanical deformations in individual neurons. “Our mission is to keep pushing new ideas,” he said. “We are not a bionics lab, but that is the direction I want to go in — from bio-interfacing nanomaterials to integration of biology and nanotechnology to bionics.”

By Anna Azvolinsky ’09
As campus police officers were searching faculty and staff housing Dec. 16 after a report of a potentially dangerous intruder, a basement light went on and off. The unarmed officers had no choice but to stay back and call township police for support, the officers’ union says. No intruder was found.

Fraternal Order of Police (FOP) Princeton Lodge No. 75, which represents 17 campus police officers, has argued since 2008 that the University has failed to provide them with the tools necessary to keep the campus safe. After two knife-point robberies on University property in October, the FOP has renewed its request to allow commissioned officers to carry guns. (The University also employs non-sworn security officers.)

“The University recognizes there’s a risk,” said Michael Michalski, president of the lodge. “They trust us with police powers, but they don’t trust us with firearms, and I’m not sure why that is.” Michalski said officers want to “drive a conversation that can educate our community” and would like to meet with the University’s trustees on the issue.

While the union argues that batons and pepper spray are not sufficient to protect the campus community, the University’s executive director of public safety, Paul Ominsky, takes a different view.

“The critical question is whether Public Safety has the necessary resources to deliver timely and professional safety and security services,” Ominsky said. “We believe the answer is yes.” Campus police officers “know what situations they can handle and when they need to call for local law-enforcement response,” he said, adding that the municipal police force is “readily available and accessible.” While the campus crime rate is very low, he said, the University monitors crime trends.

Among Princeton’s peers, campus police carry weapons at Brown, Yale, Penn, Harvard, Cornell, and MIT.
Some Princeton students said that arming officers is unnecessary. “I feel that increasing the number of guns is neither helpful nor conducive to a stable community,” said Emma Snyder ’15.

But Rahul Subramanian ’15 said there is no reason to keep sworn officers from carrying firearms. “They’re police officers,” Subramanian said. “They have a lot of trust on campus — letting them have guns makes sense.”

A 2010 survey by the Undergraduate Student Government found that 56 percent of students were opposed to allowing officers to carry firearms.

The USG’s new president, Shawon Jackson ’15, said that while campus security has not been discussed recently by the USG Senate, he hopes to hear more student views. “We want to make sure our campus environment is warm and welcoming, and that everyone is comfortable with the decisions that are being made,” he said.

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The latest way to offer a compliment: Online, anonymously, but with feeling

By Julia Bumke ’13

In recent years, Princeton’s grueling final-exam schedule would goad students to post on websites where they vented about everything from homework to hookups. This year, however, two newcomers have bucked the trend: Tiger Compliments and Tiger Admirers, Facebook-based sites founded by a Princeton senior with the aim of “spreading happiness” on campus.

Many students are sending funny, altruistic, and often moving messages to people who have positively shaped their lives at Princeton — but without the writer’s name attached. “You are one of the most intelligent, passionate, caring, and fun people I know,” read a recent Tiger Compliments page, written for Jamie Joseph ’13. “My interactions with you always leave my day brighter.”

The methodology is simple: Students fill out an online form with the name of the Princeton student they’d like to compliment, a link to the person’s Facebook page, and a brief message. The moderator and her team of helpers (who asked not to be identified to avoid discouraging students from using the sites) post the message, which is visible to all of the student’s Facebook friends.

Both sites have flourished: Tiger Compliments, which was founded in November, had about 2,600 student followers by mid-January, while the newer Tiger Admirers (for more romantic posts) had nearly 1,800 followers.

But if students respond so well to complimenting, why must it be done anonymously? For Alin Coman, an assistant professor of psychology, anonymity is the secret to the sites’ success. “It gives the impression that the community is valuing its individual members, it creates mystery surrounding the source of the compliment, and it builds on our desires to be admired,” Coman explained.

The Tiger pages follow a format developed at Queen’s University in Canada and adopted at several Ivy League schools.

“As lifelong high achievers, Princeton students are used to just being evaluated by grades and achievements,” said the websites’ founder. “I wanted to tell other Princetonians that they were appreciated for their friendship, their personalities, etc.”

Tiger Admirers runs the gamut from missed-connection stories (“I can’t tell if you sat down next to me because you were interested, friendly, or in need of a pen”) to surprisingly introspective ones (“My roommate is being cute with his girlfriend right now, and it makes me want to have something like that, because they love each other and themselves and I don’t like myself”).

Not all students are fans of being nice, however. And for those inclined to be more cynical, a pair of parody sites also made their debut: “Tiger Creepers” and “Tiger Back-Handed Compliments.”

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A moment with...

**Supreme Court Justice Sonia Sotomayor ’76**

“Give kids the courage to try something different.”

In her recently released memoir, “My Beloved World” (Alfred A. Knopf), Justice Sonia Sotomayor ’76 describes her rise from poverty in the South Bronx to Princeton, Yale Law School, and the federal bench. At Princeton she won the Pyne Honor Prize and later became a University trustee. President Obama nominated her for the U.S. Supreme Court in 2009. She spoke with PAW in January.

You came to Princeton in 1972 as a triple minority: a woman, a Latina, and someone from a low-income family. Which was hardest to overcome?

Poverty of any kind, especially cultural poverty, is difficult for anyone who comes to Princeton, whether you’re from Appalachia or the South Bronx or the barrio in Los Angeles. The sense of being different is going to be overwhelming.

Studies have shown that students from disadvantaged backgrounds often have trouble completing college. How should we address that?

You do what [former professor] Peter Winn did for me. You find a mentor who can guide them. I didn’t jump into advanced courses. I started with the elementary ones, which I found later sometimes were harder because they challenged you to learn more [content] faster. But you need to find a mentor sensitive to these kids’ needs who can help them take in the process step by step, and not let them be blinded by how much there is to do. It’s not that you have to do remedial training. But you do have to help them navigate an existence that is very different from the one they have come from.

You write that you always saw yourself as an outsider at Princeton. Was there any place where you could get past that?

That is what the Third World Center did for me. It provided a blanket of security. But I also tell minority students: Don’t isolate yourself. That would be the worst thing you could do. Use it as a base from which to reach more broadly into the University. Go out and join clubs that you may never have considered accessible. Meet kids from other parts of the country. Open yourself to the vulnerability of failing.

That’s another thing mentors can do — give kids the courage to try something different. That’s what college should be about. Have the courage to fail. You can explain why you did poorly in a course that seemed interesting but took you a while to master. Show your curiosity for learning by taking courses that might not have been within the realm of expectation.

You write that you are grateful Princeton had no defined pre-law curriculum. What should aspiring lawyers study?

Anything that interests them. Anything they find a passion for. Two of the most fascinating courses I took during my freshman year were the introductory economics course I took with Professor [Burton] Malkiel [*64] and a sociology course [taught by Marvin Bressler].

What did you do with the money you received with the Pyne Prize?

I used it for my wedding! That’s a horrible thing to admit, but my mother struggled to pay for a large part of the wedding — I think I put her into debt — and the other part was using the Pyne Prize money. Some of the other scholarship money I got from Princeton, I had to use for dental work. Some of the room and board money I got — instead of eating, I went and got dental work.

How did you open yourself to new experiences without losing your connection to your roots?

One of the extraordinary moments in my nomination process was watching my family come to the White House. Not one of them had previously been in Washington. If you are a minority student, you’re going to feel like an outsider in both worlds very often. The trick is to ensure that you are open enough with your family to talk to them about what you are experiencing. Walk with them; don’t leave them behind.

— Interview conducted and condensed by Mark E. Bernstein ’83
Basketball star Hummer ’13 dominates the league

In 1967, a basketball team led by Ed Hummer ’67 steamrolled the Ivy League to win its second conference title in three years. Forty-six years later, a Hummer once again is leading the team — and this time, he is the league’s top player.

Ian Hummer ’13, Ed’s son, ranks among the top five players in the league in points, rebounds, and assists as of late January. In a nationally televised game against Fordham in December, Hummer notched his 1,300th point and 600th rebound, becoming only the second player in program history to reach both plateaus. The first, of course, is Princeton legend Bill Bradley ’65, a teammate of Ed Hummer’s on the 1965 Final Four team.

This year’s Tigers had a disappointing start to the season, but were 3–0 in league play as of Feb. 4 with victories over Columbia, Cornell, and Penn. In what is expected to be a battle with Harvard for the conference title, Hummer’s many talents could put Princeton over the top.

The 6-foot-7 forward has exceptional passing skills for a player of his size. He finds open teammates from all areas of the court, and while his aggressiveness sometimes results in turnovers, more often it leads to points: Hummer, one of the team’s captains, has assisted a greater share of his teammates’ shots than any other Division-I forward.

Hummer was a quieter presence as an underclassman, often deferring to the team’s veterans. This year, he’s mentored forwards Denton Koon ’15 and Hans Brase ’16, who both broke into the starting lineup midseason. Hummer’s versatility allows teammates to flourish in narrower roles. On a team without many true guards, he frequently takes on ball-handling duties and defends opponents at all positions.

His uncle, John Hummer ’70, also was a Tiger captain, and Ian Hummer never shied away from the challenge of maintaining his family’s tradition, naming Princeton as his top college choice throughout the recruiting process.

Hummer often turns to his father and uncle for feedback on his playing. An hour after Princeton’s upset of Harvard last year, the three Hummers walked through several plays from the game together in an empty Jadwin Gym. Hummer always is thinking about how to refine his playing, according to head coach Mitch Henderson ’98: “We work very hard on the little, finer points of the game. But Ian does things you can’t teach,” he told The Star-Ledger.

Hummer’s place in the Princeton record books already is secure: He is on pace to pass Doug Davis ’12 as the Tigers’ second-leading all-time scorer by the end of the season; he also ranks among the career leaders in rebounds, blocked shots, assists, and steals.

“Being in a line of Hummers who were captains on Princeton teams is pretty special,” he said. “They have their own legacies, and hopefully I’m making my own.” — By Kevin Whitaker ’13
Rubber match: Tigers swim to break a Crimson tie

By Brett Tomlinson

Princeton swimmers and divers cheer on their teammates at the HYP meet Feb. 3. The Tigers lost to Harvard, but will have another chance to top the Crimson at the Ivy Championships.

At the Ivy League Swimming and Diving Championships March 7–9, the Princeton and Harvard men will have a chance to break a remarkable deadlock. The two schools have dominated the meet for the last 40 years, winning every championship and splitting them evenly — 20 for the Tigers, 20 for the Crimson.

The showdown actually is the second historic tiebreaker this season. With a win at the HYP meet in early February, Harvard nudged ahead of Princeton in regular-season meetings, taking a 38–37 lead in a series that began in 1935.

Tiger coach Rob Orr says that while head-to-head results are a “good barometer,” plenty of teams have won the Ivies after losing in the regular season.

The Princeton-Harvard rivalry is both hotly contested and closely watched. Princeton alumni contributing to an online forum of self-described “swim nerds” track the times of athletes on both teams. Doug Lennox ’74, a former butterflyer and father of All-American Doug Jr. ’09, says that he created a spreadsheet to forecast the 2013 Ivy meet — 11 months before the event. (His initial projection had the Tigers winning “with some breathing room.”)

As the names on Princeton’s roster come and go, there has been one constant: Orr, the irreverent and unpredictable coach, now in his 34th season and aiming for a fifth consecutive Ivy title. Not much has changed, he insists, noting — lovingly — that his teams are stocked with the “same idiots” as in years past. He continues to regale recruits with “the Rob Orr A.S.S. principle,” a mnemonic to help them set their priorities: academics, swimming, and social life, in that order.

Kaspar Raigla ’13, an All-Ivy swimmer in each of the last three seasons, admits that when he arrived at Princeton, he didn’t know quite what to make of Orr. Raigla grew up in Estonia, training with a coach who’d been schooled in the rigid Soviet system. Orr, on the other hand, has been known to toss visitors in the pool during practice and celebrate Halloween by having his team bob for apples.

But after four years on the team, Raigla values Orr’s trust and flexibility and sees him as a father figure — the kind of parent who never will say he’s angry but does not hesitate to tell you when he’s disappointed. “You want to make him proud,” Raigla says.

No one takes winning more seriously than Orr, who has posted the results from the last 33 years of meetings with Harvard on the wall of a long hallway under the bleachers at DeNunzio Pool. But he also finds satisfaction in other measures, including his roster’s retention rate. Fewer than half of Princeton’s 45 swimmers and divers will have a chance to compete in the Ivy meet, but nearly all stay on board for five grueling months of training.

Orr’s secret? “I think we just have a good time,” he says. “At least I know I do.”

Brett Tomlinson is PAW’s digital editor and writes frequently about sports.
IT WOULD SEEM LIKE A VERY HARD phone call to make, the ultimate good news/bad news story. When Eden Full called her parents one afternoon in May 2011, she had a huge achievement to announce — and a real kicker to go with it.

The good news? Full, then a sophomore, just had been awarded $100,000 by the Thiel Foundation, which would enable her to develop an invention that could bring cheap solar energy and clean water to the Third World.

The bad news? The award came with one large string attached: Full had to drop out of college.

Her parents, in Calgary, were supportive, if apprehensive. “Neither of them went to college,” explains Full, a second-generation Chinese immigrant, “and having me finish was a big deal.” So Full attached a condition of her own: She would return to Princeton once her two-year fellowship was over.

When Full — then ’13 and now ’15 — keeps that promise and returns to campus in September, she will be a junior with an unusually deep reservoir of experience. She has founded a business, applied for a patent, traveled the world, and, incidentally, rowed with the Canadian national team. It is a big résumé for the socially minded entrepreneur and coxswain who stands just 4-foot-11.

The Thiel Fellowships were created in 2010 by Peter Thiel, one of the founders of PayPal and the first outside investor in Facebook, whose foundation (as Thiel’s mission statement
Eden Full ’15 displays a prototype of the SunSaluter in Oakland, Calif., in 2012.
puts it) “defends and promotes freedom in all its dimensions, political, personal, and economic.” Full was one of 20 entrepreneurs in the inaugural class. Although Thiel himself has multiple degrees from Stanford, he has embraced Mark Twain’s motto that “I never let my schooling interfere with my education.” Many young entrepreneurs, Thiel believes, are wasting their time in higher education and would be better off developing their ideas in the real world. His foundation enables students under the age of 20 to do just that — on the condition that they drop out, although they can take a few classes if necessary for their projects and they are free to return to school when their two-year fellowships are complete.

FULL, WHO SEEMS TO BE EXACTLY THE SORT OF young entrepreneur Thiel had in mind, was already an accomplished inventor before she entered college. Growing up in Alberta (she speaks fluent Cantonese but peppers her English with broad Canadian “O’s”), she built a solar-powered toy car when she was 10. A few years later, while still in high school, she began designing a device, named the SunSaluter, that enables solar panels to follow the movement of the sun. When she unveiled it at an international science fair, an Indonesian girl remarked how useful such a device would be in rural villages.

“It really got me thinking,” Full recalls. “I thought, ‘What am I doing sitting here just making this a science experiment when this could actually be something?’” The project became such an obsession that her parents sometimes let her call in sick to school so she could work on it.

The SunSaluter provides a cheap and simple solution to a real problem in many parts of the Third World, where solar power is one of the only practical ways to generate electricity. Because solar panels are stationary while the sun’s position in the sky changes, they only achieve maximum efficiency during the few hours when the two are aligned. By mechanically moving the panels to follow the sun’s progress, Full’s device can increase energy output by as much as 40 percent. Motorized panels do exist, but they can be prohibitively expensive and require a lot of power; the SunSaluter, by comparison, is made of bamboo and metal, costs about $20 to make, and can generate enough electricity to charge a lantern, two cellphones, or a 12-volt battery.

After spending the summer studying climate change in the Canadian Arctic, Full entered Princeton in September 2009 and took a course with Professor Winston Wole Soboyejo on science, technology, and African development. Soboyejo — who has research interests in alternative-energy systems and affordable infrastructure, among other things — served as her adviser as she worked to design sustainable metal buildings through the University’s Engineering Projects in Community Service program. Then, with support from the Princeton Grand Challenges program, Full spent three weeks in Kenya the following summer testing SunSaluter prototypes.

It was on this trip that she got a harsh lesson in the practical applications of technology. A woman in one of the villages told Full that she had three lanterns but only enough electrical power to charge two of them at a time. Full offered to build a SunSaluter and went to a nearby village to buy parts. While she was gone, the woman was trampled by a water buffalo as she searched for firewood in the dark.

“That experience helped me realize that the work I was doing could very tangibly and immediately change someone’s life,” Full recalls. “I think that experience gave me the motivation I needed to take some time off to work on something that mattered to me.”

ON THE DAY THE THIEL FELLOWSHIPS WERE announced, in the spring of her sophomore year, Full was out on Lake Carnegie, coxing for the women’s lightweight crew. When her cellphone buzzed, she looked at the screen and saw a San Francisco area code; she suspected who was calling but decided it would be bad form to take a phone call in the middle of practice. Instead, she nervously waited until she was back on land before returning the call.

Danielle Strachman, program director for the Thiel Fellowships, says that two things helped Full stand apart. Full did not have just a vision for what she wanted to do with the money; she already had begun to develop a product. Her project also presented a technological challenge and addressed a pressing social need — a combination the foundation found particularly attractive. “I would take 10 more of Eden in a heartbeat,” Strachman says.

Although Full attends regular update meetings, the Thiel Foundation places no restrictions on how the money may be used. Full acknowledges that she has spent a good part of her Princeton hiatus pursuing other interests, including backpacking across Europe with a friend. She also spent several months last year rowing with the Canadian national team and racing with the team in London and Amsterdam.

“I realized that it’s hard to be an elite athlete and have a full-time job,” she says, “but I could do my work anywhere with WiFi and a laptop. I’d have 7 a.m. practice, and then I’d work, and 11 a.m. practice, and then I’d work, and 4 p.m. practice, and then I’d work. I sacrificed my social life, but I was living in London, Ontario, so there wasn’t much of one.” Even now, in California, she usually is on the water six days a week, rowing with three different Bay Area clubs.

Full spent many of her nonpractice hours networking for her business, Roseicollis Technologies Inc. (the name comes from the Latin name for Full’s favorite species of lovebird). In addition to the Thiel, Full has received 200,000 euros (about $275,000) as runner-up in the Dutch Postcode Lottery Green Challenge, and smaller grants from Scotiabank and the Mashable/UN Foundation Startups for Social Good Challenge. (Unlike the Thiel fellowship, the other grant money is earmarked for business development.) She also was named the 2011 Staples/Ashoka’s Youth Social Entrepreneur of the Year, which enabled her to meet other entrepreneurs in Indonesia, Kenya, and Egypt.

Full used the time in those countries to deploy and test the SunSaluter, gaining what she calls “market validation” — a determination of need for the product and its best placement and design. She since has expanded her tests to
A TWO-TIME DROPOUT MYSELF, I KNEW FULL WELL THAT SOME OF THE MOST EXCITING AND REWARDING OPPORTUNITIES WERE THOSE FAR FROM THE BEATEN PATH. DANIELLE FONG ’07

Uganda and Tanzania, and says that donated SunSaluters currently provide electricity to more than 5,000 people in five villages in Africa. “We would put one on exhibition in a public area and wait for people to notice,” she explains. “People would come up to us and ask, ‘Where can we get one?’” Although Full has looked into establishing a manufacturing subsidiary in East Africa, manufacturing now takes place only in the Bay Area. She has hired her first two employees, but the SunSaluter — which still is not for sale — will remain Rosecicollis’ only product until all the bugs have been worked out. “Baby steps,” she says. “Baby steps.”

On one of her African trips, Full experienced a eureka moment that helped make her product even more useful. An early version of the SunSaluter was powered by the heat differential between two strips of recycled metal, but Full recognized that the device also could address a second problem in many Third World villages: a lack of clean water. A new model of the SunSaluter has replaced the metal strips with two small metal tanks. Water is poured into one tank and flows through a filter into the second tank. The movement of the water turns the solar panels, and a valve controls the flow so that it matches the rate at which the sun moves. At the end of the day, each SunSaluter produces four liters of clean water as well as solar energy.

SINCE RETURNING TO THE UNITED STATES IN November, Full has lived and worked in an old firehouse, painted salmon and pink, in Oakland’s Chinatown. The building is owned by Danielle Fong ’07, who has made it available rent-free as a workspace and dormitory to young entrepreneurs. Fong herself founded LightSail Energy, which makes energy-storage systems. When her business outgrew the firehouse last year, Fong decided to make it available to others — hoping, she says, to re-create some of the communal spirit she recalls from living at the 2 Dickinson St. co-op in Princeton.

The area where fire trucks once were parked is now a workspace dominated by exposed fiberglass insulation, a large flat-screen monitor, drill presses, and a plastics lathe about the size of an old VW bus. A bicycle and a pair of kayaks lean against the wall. Full lives upstairs with four others who are developing their own businesses. The budding entrepreneurs — Full describes herself as a social entrepreneur — organize weekly dinners and allocate housekeeping responsibilities with a chore chart mounted in the kitchen.

“People basically come in on recommendations,” Fong explains in an email, “and if they’re really cool, doing something we admire, and vibe with us, there might be a space open.” Fong felt drawn to Full, whom she discovered through the Thiel fellowship. “I was very happy to discover such an amazing, energetic young spirit working on an important problem,” Fong says. “A two-time dropout myself, I knew full well that some of the most exciting and rewarding opportunities were those far from the beaten path.”

Full says her two-year break from academics has changed her. “I was really immature in college,” she says. “I spent lots of time rowing and hanging out. I definitely didn’t spend a lot of time on my work. I almost felt that I had to go through college for the sake of going through college. Now I can go back to Princeton not feeling like I have unfinished business in the real world. I already know what I want to do because I took time to explore.”

Although she plans to continue to run her business, Full never forgot her promise to her parents. “I feel that what has helped me keep perspective over the past couple of years is that I set this end goal of going back. Princeton helped me grow a lot as a person. I don’t want to give that up.”

And while her senior thesis is not due for another year and a half, the prospective mechanical and aerospace engineering major already has a topic in mind. It has nothing to do with solar energy or social entrepreneurship. Full says she plans to write about the biomechanics of rowing.

Mark E Bernstein ’83 is PAW’s senior writer.
Enthusiasm abounds in Mountain View, Calif., where Arman Suleimenov '12, left; Tony Xiao '12; and Jordan Lee GS (not pictured) develop their computer application, Collections.
THE 2,700-SQUARE-FOOT RANCH HOUSE on a quiet, tree-lined street in Mountain View, Calif., would seem perfect for a family with small children: four bedrooms and two-and-a-half baths, with a lovely terra cotta roof, a tidy front yard, a two-car garage, and a swimming pool out back. The rent — about $6,200 a month — is reasonable for the area.

Tony Xiao ’12 found the place on Craigslist last summer. He signed a one-year lease Sept. 1 and moved in the next day with two other Princetonians, Arman Suleimenov ’12 and Jordan Lee, a Ph.D. student studying Chinese politics. But the baby the three are nurturing right now is their business, a file-organizing application called Collections. Like generations of small-business owners before them, they work downstairs and sleep, as it were, above the store.

On a warm morning in October, Lee sits on a plastic chair in the front yard, soaking up the sun and taking a business call while trying to be heard over the trash collectors. Rahul Subramaniam ’11 stumbles downstairs in his pajamas and says good morning. He is working on his own education business and crashing at the house until he gets settled.

In addition to the leaf-covered and apparently little-used pool, the backyard features a trampoline (the occupants’) and a pair of old tricycles (the previous owner’s), but if the young entrepreneurs want to take up an indoor sport, they might consider floor hockey. There is plenty of space for it because there is hardly any furniture. The first floor contains exactly nine computer screens but one couch.

Xiao, who says he has been hacking — monkeying with computer programming, without the negative connotations the word sometimes implies — since he was 8 years old, sits in the dining room/workspace facing five screens: three computer monitors, a laptop, and a cell phone propped in a charger. He and Suleimenov are dressed in shorts, tech-themed T-shirts, and flip-flops, huddled around a large table.
made of doors balanced on sawhorses. Louvered shutters partially block the sunlight, which reflects off walls that are bare except for a code-scribbled whiteboard in the kitchen.

After an initial burst, progress on Collections has slowed. A release date has come and gone, but the app still is not quite ready. The entrepreneurs’ job, of course, is to find the bugs and fix them, and they can spend as much time on that as necessary. It’s not as though they have a long commute.

THE NEW YORK TIMES GENERATED A LOT OF BUZZ last summer with an article about “hacker hostels” in the Bay Area, tiny apartment-offices with short-term leases (fewer than 30 days) catering to young tech entrepreneurs who live, sleep, and work there while they dream of launching the next Facebook. Online real-estate agencies advertise these places, offering amenities such as complimentary linens, weekly boxes of organic fruits and veggies (because most don’t have kitchens), and a projector for practicing presentations. Rents can be as low as $40 a night.

All the publicity has gotten some of the hostels in trouble. The official in charge of code enforcement in Mountain View — home of Google, southeast of San Francisco — insisted to a local news website that the hostels really are hotels, which means they would be banned from residential neighborhoods and required to collect hotel taxes. He also took issue with one hostel’s willingness to shuttle guests to the airport or to grocery stores. That, he said, is the job of a taxicab — and a cab driver needs a permit.

The house in which Xiao, Lee, and Suleimenov live is not, technically speaking, a hostel — among other things, it has a long-term lease. But Mountain View is the heart of Silicon Valley, so call it a hacker something. Maybe a hacker home. Xiao divides the project’s history into three phases. In

IN SILICON VALLEY, FAILURE IS JUST PART OF THE LEARNING PROCESS

TWENTY UNDERGRADUATES lived a networker’s dream when they traveled to Silicon Valley during fall break for a weekend series of tours, lectures, and meetings with some of the giants in the tech industry.

Tiger Trek, as it is called, was organized by the Princeton Entrepreneurship Club. This was the second year that students have gone to Silicon Valley, although the club also hosts a Tiger Trek to New York. They squeezed in 20 meetings over five days, talking to executives at some of the largest companies (Apple and Facebook) and some of the newest, and visiting everywhere from Google’s massive, Lego-like headquarters in Mountain View to the sparse downtown San Francisco office space occupied by the social networking site Path. Organizers were keen to expose students to a broad range of Silicon Valley businesses. In addition to visiting famous tech companies, the group met with several venture-capital firms, startups, and even Tesla Motors, the electric-car maker. One of the most popular stops was a visit to Khan Academy, whose founder, Salman Khan, explained his vision for providing free online education.

Silicon Valley’s lure is unique, said Joe Kennedy ’81, CEO of Internet-radio company Pandora, who met with the students and encouraged their sense of adventure. “There is a culture of innovation and pursuing new things here,” he told PAW. “Most importantly, there is a culture that failing is OK. When I lived in Detroit, if someone said that his company had gone belly up and he was out of a job, you would treat that as a very big problem. In the Bay Area, there’s a culture that companies start and die all the time. There is some pain in the transition from one company to the next, but it is viewed as all part of a process.”

Almost everyone the students met echoed that view, urging them to embrace the risks and rewards of an entrepreneurial life. Path CEO David Morin, a former Facebook executive, told them: “Entrepreneurship is a process. The only thing that matters is starting. You will fail. You will go through all of it. And it is awesome.”

Taylor Francis ’14, who helped organize the trip, said the entrepreneurs reciprocated the students’ enthusiasm. “In a sense, it was their way of paying it forward,” said Francis, co-president of the Entrepreneurship Club. The club was working with the Office of Career Services to bring Silicon Valley firms to Princeton for a Start-Up Career Fair Feb. 22. The trip was sponsored by various University departments. One hundred and sixteen sophomores, juniors, and seniors applied for the 20 slots (the final selection was made by faculty at the Keller Center for Innovation in Engineering Education) for the trip, which cost $500. Fifteen of the students were engineers, and many echoed Roderigo Menezes ’13, who said, “There is something almost sacred in building something.”

Courtney Fieldman ’13 was particularly impressed with venture capitalists she met: “I like how they look at the world,” she observed. “Everyone is thinking about tomorrow.”

Nevertheless, said Momchil Tomov ’14, the club’s other co-president, one of the purposes of the trip was “to show what else is out there besides Wall Street.” That resonated with Sarah Adams ’13, a civil and environmental engineering major, who said that most
Phase One, he and Lee, both members of the Princeton Entrepreneurship Club, met at a 2011 lecture at the University by Peter Thiel, a co-founder of PayPal. Several months later they ran into each other when author Walter Isaacson came to discuss his biography of Apple co-founder Steve Jobs. Suleimenov joined them for dinner afterward, where they discussed the release of Apple’s Mountain Lion operating system. Xiao, who had won the Princeton Pitch competition as a freshman with a proposal for an external airbag to protect cars from damage in a crash, already was working on an idea for file-organizing software. He began writing Collections code in earnest that winter, but progress was slow because the economics major also had to finish his senior thesis, which he blandly describes as “something I had to do in addition to this.”

Phase Two consumed the summer of 2012. The partners incorporated and raised money by participating in two Silicon Valley startup programs. Summer@Highland, organized by Highland Capital Partners, provides startups with $18,000 and office space. Y Combinator, a consortium of venture capitalists, gives promising entrepreneurs three months of intensive mentoring to prepare them for the opportunity to pitch to a room of potential investors. On “Demo Day,” as it is known, the three knocked their presentation out of the park and raised an additional $150,000. These two summer programs have provided almost all of their development and living funds to date.

It also enabled them to advance to Phase Three, which began when they moved to Mountain View in September and continues today. Xiao and Suleimenov (who was working on another project and did not join Collections until September) are the techies, while Lee, who has a master’s degree in East Asian Studies from Yale and is a former research assistant at the Brookings Institution, has served as project manager, overseeing fundraising and public relations. The group members would like very much to move to Phase Four, which will coincide with the official release of their product. Downloads of the app will be free, although they plan to offer premium service for a subscription fee.

Collections, they hope, will “reinvent the file manager,” enabling users to organize not only the contents of their hard drives but everything they have on the Web and in the

not surprisingly, many students took advantage of the opportunity offered by Tiger Trek to position themselves for jobs and internships. Peter Grabowski ’13, a computer science and engineering major, got two job offers from companies he visited and will be joining Nest, a digital thermostat company, as a software developer. Had he not gone on Tiger Trek, he said, “I probably would have taken a job in New York. It really opened my eyes to other opportunities.”

By week’s end, Tomov recalled, one executive asked who wanted to start their own company someday, “and everyone raised their hand.”

By M.F.B.
The Princeton entrepreneurs do their work in a nondescript house on this suburban street in Mountain View, Calif.

Cloud, including photographs, documents, and social-networking feeds. The partners have been beta-testing for more than a year, posting advertisements on hacker Web boards, and importuning friends, classmates, and acquaintances. “I never thought it would take this much effort,” Xiao says, sighing. Although they say they have enough money to stick it out for another year (and are hoping for another round of financing), their reserves are not unlimited.

“That,” he adds pointedly, “is why we have to get stuff done.”

ORGANIZING TIME AND FOCUSING EFFORT ARE the eternal problems of the self-employed. “When you’re in the middle of it” — developing a new business — “you’re blind,” Suleimenov explains. “You can’t see your hand in front on your face.”

They work six days a week, beginning each day at 9 a.m. sharp with a 10-minute meeting (standing up, to promote alertness) in which each person outlines what he plans to achieve. Every task to be done that day then is written on a Post-It note and stuck on the glass door to the dining room. Work hours are sacred; to avoid interrupting anyone in the middle of a brainstorm, the partners communicate by instant message even when sitting right next to each other. Exactly 10 hours later, at 7 p.m., they wrap up with another brief meeting to review the day’s progress. In the evenings, they prepare communal dinners (Lee, the pickiest eater, tends to cook), exercise, or go out — sometimes together but often not, since they spend so many hours under the same roof.

A native of Kazakhstan, Suleimenov studied at Lomonosov Moscow State University and Purdue before getting a master’s degree in computer science at Princeton. He is at once impish and driven, filling his spare hours conducting interviews with entrepreneurs for Princeton Startup TV (video offerings hosted by the Princeton Entrepreneurship Club), teaching himself Japanese, and studying the choreography of martial-arts movies. He slavishly tracks his own personal goals — everything from going to the gym to watching TV — with a software program, and is no less focused on work. To ensure that he writes code in unbroken, hourlong chunks, he keeps a timer nearby that he stops if he is interrupted and restarts when he resumes, thus ensuring that he fills each unforgiving minute with 60 seconds worth of distance run.

Suleimenov also condenses the lessons he has learned into a number of business- and tech-related aphorisms, which he posts on his website, nowaternomoon.com. It is what Poor Richard’s Almanac might have looked like if Benjamin Franklin had been a programmer. Some insights:

• “Even under the pressure of deadlines, it’s important not to forget that very few things lead to better productivity than seven to eight hours of good sleep.”

• “Startup meetings, talks, and conferences are distractions that do not directly improve your product.”

• “Simple product-related decisions … were the most successful. Decisions that resulted from long intellectual debates, complicated forward-looking arguments, or ornate over-intellectualizations rarely led to anything useful.”

• “Be happy, but not content.”

Somewhat pithier, Xiao sums up what he has learned with a laugh: “That I didn’t know anything!” Lee gives much the same answer. “My most basic insight,” he says, “is that I didn’t know how much I didn’t know. There is nothing like actual experience in entrepreneurship. But once you do it, there’s nothing that is as exciting.”

This fall, the Collections group added a new partner. The Princetonians’ lease runs until the end of August, and they are determined to stick it out. In the meantime, they will attend the prestigious South by Southwest (SXSW) music, film, and technology conference in Austin, Texas, this month, where they hope — and expect — to have a finished product to show.

Mark E Bernstein ’83 is PAW’s senior writer.
The quantified life: In this brave new world, people listen to their forks

By Caroline McCarthy ’06

Caroline McCarthy ’06 is a digital marketer who spent several years as a print and TV journalist covering technology, media, and venture capital.

Thank goodness Nike is so effective at marketing. Before it started heavily promoting its FuelBand, a black, rubber electronic wristband that tabulates a daily score based on your physical activity, more than a few people asked me if the thing I was wearing on my wrist was a parole bracelet. Nowadays, they tend to know what it is and instead ask, “That’s the Nike thing, right? [Yes.] Do you like it? [Yes.] Is it accurate? [Maybe.] Do you wear it in the shower? [Yes.] Would you take it off for a formal event? [No if I can earn Fuel points on the dance floor.]”

There’s a lot of curiosity about the wave of gadgets that take the hyper-awareness of our own surroundings — made possible by global-positioning systems and an always-on mobile-data connection — and extend the potential for that awareness to the human body. Previously, this had been of real interest only to those in need of medical monitoring and avid athletes relying on heart-rate watches, altimeters, and lung-capacity tests. The FuelBand — along with other relatively inexpensive and unobtrusive devices like the FitBit and the Jawbone UP, which also measure general physical activity — puts a new mass-market spin on this by telling us that we should be aware of our inner workings, or at least some of them, at all times, not just when we have laced up a pair of running shoes or when our doctors have told us that too many years of eating pizza finally have caught up to us.

As much as the marketing for personal monitoring and consumer-health devices pushes a message of universality — many of these gadgets attempt to appeal to calorie-cutters and ultra-marathoners at the same time — those blinking altimeters affixed to our belts are giving most of us too much information that we really don’t need: the biological equivalent of celebrity news blogs. And the inclusion of social-networking features implies that this should be something we ought to be sharing with our friends, and perhaps even using to compete with them.

This January at the annual Consumer Electronics Show in Las Vegas — the biggest event of the year for anyone who manufactures anything with a battery, an on-off switch, or a power adapter — the most-talked-about device was neither a 3D home-theater system nor a laptop that flips backward to convert into a touchscreen tablet. Instead, it was an import called the “HAPIfork,” a digital fork that monitors how fast you eat so that it can identify potentially unhealthy habits, like eating too quickly or too much. (Of course, this was designed by someone from France.)

The HAPIfork was met at the electronics show with a combination of amusement — comedian Stephen Colbert mocked it on his talk show — and head-scratching. One CEO I spoke to suggested that he certainly wouldn’t want his HAPIfork data getting anywhere near his health-insurance provider. Others suggested that the need to monitor how

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ALUMNI START TWO LITERARY MAGAZINES

A new bounty for readers

Much of our reading today comes in short bursts — Facebook updates, tweets, and bits of news on our mobile phones. But several alumni believe we still want to settle in to read long essays, fiction, reviews, and poetry, and they’re launching two literary magazines into the crowded media landscape.

STARTING OUT: PATRICK WASSERMAN ’12
Owner of the New Belgium Ranger Station, a slope-side bar and restaurant in Snowmass, Colo., that opened in November, Princeton major: Woodrow Wilson School, with a certificate in engineering and management systems.

Many tasks: To open a bar at the hotel his father was redeveloping, Wasserman secured a business loan, created a menu, obtained a liquor license and building permit, hired staff, and helped with construction.

What he does: Wasserman oversees the operation, including coordination between the bar, kitchen, and servers. He does whatever is necessary, from fetching kegs and bartending to taking orders and vacuuming the floor.

Challenges: “Managing the staff is super hard ... It’s hard to keep everyone happy.” And with the long hours, “it’s pretty easy to feel burnt out.”

What he likes: Making a “fun gathering spot for people to hang out.” He adds, “It’s really cool to be working for yourself, rather than someone else. It’s really cool to be creating jobs.”

At left, Jac Mullen ’11, left, Uzoamaka Maduka ’09, and Alyssa Loh ’12 of The American Reader. Above, Jane Carr ’00 and Tristan Snell ’00 of The Brooklyn Quarterly.

Uzoamaka Maduka ’09 is the editor-in-chief of The American Reader, which last fall published its first issue, a 116-page magazine with fiction by Stephen Dixon, poetry by Dean Young, and an essay by William Maxwell on FBI surveillance of black writers during the J. Edgar Hoover era.

“We want to reinvigorate the literary conversation in hopes of restoring literature to its proper place in the culture,” says Maduka, who founded the magazine with Jac Mullen ’11. Several alumni are on staff, and Princeton Associate Professor of English Jeff Dolven is editor-at-large. Based in New York City, the magazine is aimed at 21-to-35-year-olds; Maduka believes the perception that young people read only online “has been mischaracterized. I can go on Facebook, but that

NEWSMAKERS

When the Department of Defense announced it would end the ban on women in combat, observers credited a lawsuit filed by the American Civil Liberties Union as a factor. Among the plaintiffs was Marine Corps Reserves Capt. ZOE BEDELL ’07. ... President Barack Obama named SIDNEY DRELL ’47, a professor emeritus at Stanford University’s SLAC National Accelerator Laboratory, and BARRY MAZUR ’59, a mathematics professor at Harvard University, as...
doesn’t mean I want to read Anna Karenina on my phone.”

The American Reader has set out an ambitious plan: publishing 12 print editions this year while offering some of the print magazine’s pieces online with additional content. An anonymous investor funded the enterprise through early spring; Maduka is looking for advertisers and additional investors. As of February, the magazine had about 1,000 subscribers, paying $40 a year for its print publication (or $20 for students), and 32,000 online visitors.

The magazine’s launch made a splash in media circles, with articles in The New York Times and The New York Observer that focused on the youth and glamour of the tall, stylishly dressed Maduka as much as on the magazine’s content.

The Brooklyn Quarterly, launching in late spring, will be an online publication with a once-a-year print edition. Its mission is to tap into “the long historical arc of what Brooklyn has meant to creativity and cosmopolitanism in American culture,” inspired by Walt Whitman’s embrace of Brooklyn as a place of possibility, said co-founder Jane Carr ’90.

Carr and Tristan Snell ’00 created the magazine as a nonprofit based in Brooklyn and San Francisco with an all-volunteer staff; they juggle editing and fundraising efforts with other full

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JOANNA (KAPLAN) DOLGOFF ’96
Childhood-obesity expert

THE BIGGEST LOSER
When producers for the NBC show The Biggest Loser were looking for an expert on childhood obesity for the 14th season — which premiered in January and for the first time included three teenagers among the participants — they found Joanna (Kaplan) Dolgoff ’96. A pediatrician, Dolgoff teaches children and their parents about healthy eating. The teens on the show used the nutritional program she designed, “Red Light, Green Light, Eat Right,” which sorts foods as green (healthy), yellow (moderately healthy), and red (least healthy). Patients’ plans are based on height, weight, age, and gender.

HELPING KIDS EAT HEALTHIER
In 2006, Dolgoff began noticing more obese patients in her general pediatric practice. That prompted her to research the topic, leave her general practice, and set up an office focused on childhood obesity in 2008. Other pediatricians refer patients to Dolgoff, who monitors their weight-related medical problems with the help of staff professionals. The children learn about self-esteem issues and the importance of exercise. A study of the first 600 children in the program found that those in it for 16 weeks reduced their body mass index by an average of 7.4 percent.

BAG THOSE TREATS!
The teens on The Biggest Loser, whose finale is scheduled to air March 18, were not eliminated from the show nor weighed in public. The focus was on health, rather than weight loss. The kids on the show, like some of Dolgoff’s own patients, have been bullied and felt out of control about their eating, but “they now feel empowered,” she says. In an early episode, Dolgoff visited the teen participants to discuss nutrition and their lack of activity. She swept through the families’ kitchens and dumped cookies, cakes, candy, and brownies into garbage bags, pouring soft drinks down the sink. She said on the show, “As a parent, as a doctor, you have to draw a line sometimes and say that this is what’s acceptable and this is what’s not.”

By Van Wallach ’80

read more: Q&A with Joanna Dolgoff ’96
@ paw.princeton.edu
March 6, 2013 Princeton Alumni Weekly
In previous biographies, Eve LaPlante ’80 has mined her family history for ancestors such as the Puritan colonist Anne Hutchinson and the Salem, Mass., witch judge Samuel Sewall. LaPlante always had planned a third biography on perhaps her most famous relative, novelist Louisa May Alcott, but hadn’t found a fresh angle on the writer of Little Women.

Then LaPlante, with her daughter, started digging through her mother’s attic, where they discovered some May and Alcott family papers, including letters written by Louisa’s mother, Abigail May Alcott.

“Everyone had said that Abigail’s papers were burned,” LaPlante says. And while some had been destroyed, LaPlante found trunkfuls of relevant family material and discovered more of Abigail’s papers in the archives at Harvard University.

Before long, LaPlante realized her next book would be not just about the famous Louisa but about Louisa and Abigail — a woman who had been at the 19th-century crossroads of abolitionism, women’s suffrage, and Transcendentalism, and whose finely developed moral thinking and deep bond with her daughter can be traced in Louisa’s stories and novels.

Biographers of Louisa generally have attributed her progressive thinking and drive to her father, Bronson Alcott, a controversial educator and key figure in the Transcendental movement. But in Marmee & Louisa: The Untold Story of Louisa May Alcott and Her Mother (Free Press), LaPlante reveals that it was Louisa’s mother who not only urged her to write but inspired her material.

By both example and influence, Abigail encouraged her talented daughter to succeed in a male-dominated society. Abigail believed fiercely that women should be as educated as men, that slavery was wrong, and that women should have a say in public life. In some ways, Louisa had no choice but to succeed: Her family was destitute. “They were homeless, starving. They were truly suffering for the entire childhood of Louisa,” says LaPlante.

Eventually Louisa went to work, sewing and serving as a maid for a wealthy family, as she penned short stories on the side.

Abigail passionately supported Louisa’s interest in writing, even allowing Louisa to read her own journals, which recounted Abigail’s struggles and unhappy marriage. For Little Women devotees, LaPlante hopes that Marmee & Louisa will add another layer of insight into the author’s family and motivations, but just as importantly, will properly introduce Abigail, whose progressive thinking and writings have importance independent of her famous husband and daughter. During her research, LaPlante found so much new material that she simultaneously was able to publish My Heart Is Boundless (Free Press), a selection of Abigail’s writings, which offer a unique look into the mind and world of a 19th-century American woman. ↪ By Kathryn Beaumont ’96

After his wife’s death, Danny Gregory ’82 kept an illustrated journal, working through the grief. A Kiss Before You Go: An Illustrated Memoir of Love and Loss (Chronicle Books) recounts moments of their life together and the year following her death from an accident. Gregory is an advertising executive and is the author of the book Everyday Matters…. Drawing on social-science research, Russell K. Nieli ’78 critiques race-based employment and university admission policies in Wounds That Will Not Heal: Affirmative Action and Our Continuing Racial Divide (Encounter Books). He argues that such policies reinforce negative racial stereotypes and “run counter to deeply ingrained ideals of justice and fair play,” Nieli has been a lecturer in Princeton’s politics department.

Watch: A video about Danny Gregory ’82’s book @ paw.princeton.edu

Magazines continued from page 33 time commitments. The first issue will feature a piece on the Egyptian revolution, an essay on bicycle culture by Josh Boak ’01, and an interview with Jessica Valenti, author of Why Have Kids?

With some 600 literary magazines already being published, it could be a tough task for these new entries to stand out.

But Dolven says there still is a promising future for literary magazines, even those printed on paper. “I still see more people with a crumpled New Yorker on the subway than people reading from tablets,” he says. “Print is a great technology, and though its place in the evolving information ecology will be smaller than in the past, I suspect that readers of literature will hold on.” ↪ By J.A.
From the Archives

Audience members listen intently during a Feb. 20, 1988, event in Alexander Hall. The orange sign at left reads: “Why limit freedom of information?” and the large banner reads: “CIA – Murder & Terrorism: In the nation’s service?” Sara Matthews took the photo, but archivists provided no other details. Can any PAW readers identify themselves in the picture or remember the event?

Online Class Notes are password-protected.
To access Class Notes, alumni must use their TigerNet ID and password.

Click here to log in.

http://paw.princeton.edu/issues/2013/03/06/sections/class-notes/
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quickly or slowly you eat was a laughably bourgeois problem. Both reactions reflect an unease with just how much we’re willing to survey our personal habits — though I have no doubt that somewhere out there, there’s someone, or more likely many someones, who saw a Stephen Colbert-skewering of a fork that tells you to get through dinner at a more leisurely pace and wondered, “Why the ridicule? I sure could use that.”

When it comes to self-awareness, we shouldn’t discount the value of listening to plain old biology. Before the advent of personal digital technologies, there were few ways to keep abreast of our inner workings aside from a basic diet, a bathroom scale, or a medical diagnosis. And, generally, we weren’t compelled to go forward with that calorie-counting chart or doctor’s visit until we had some kind of signal that something in our life needed correcting, be it an ache or a pain or an expanding waistline.

So perhaps the important keyword for personal monitoring devices should be “personal,” not “monitoring.” At this point in my life, I don’t think I have the need for a HAPIfork, but I wear my Nike FuelBand because of a sneaking suspicion that, sitting at a desk or in a conference room for the majority of my waking hours, I was much too sedentary on days that I slept through my alarm and couldn’t visit the gym. On these days, lacking that early-morning jolt of energy meant that falling asleep in an afternoon meeting was hardly out of the question. My FuelBand alerts me to the problem: Having a low score light up at noon at the push of a button can be a needed reminder that it’s time for a brisk lunchtime walk.

I wonder how many jet-lagged, bleary-eyed, tech-industry professionals were drawn to the HAPIfork, FitBit, or Jawbone UP on the floor at the Consumer Electronics Show and didn’t understand at first why they found them appealing. Perhaps, if they listened, they would realize it was biology talking after all: “Wouldn’t it be nice to start getting back into shape?”

— Jackie Bruce ’99

“Inspiring
Arrogant
Touching
Unjust
Hilarious
Disturbing

See stories come alive
PAW Online
paw.princeton.edu

I have truly enjoyed reading the Facebook feeds and e-updates from PAW. It is always nice to get the hard copy, but I love being able to incorporate all of the info into my day.

— Jackie Bruce ’99
Memorials

THE CLASS OF 1932

KARL M. SCHMID ’32 Karl died peacefully Jan. 14, 2012. He was halfway through his 101st year.

Karl was born in Chicago, where he attended Chicago Latin School. At Princeton he was a member of Key and Seal and played on the varsity golf team.

After graduation, Karl began his career in architecture, following in the footsteps of his father, a prominent architect who designed several Chicago landmarks. During World War II, Karl served as a line officer on a Navy destroyer in both the Pacific and Mediterranean theaters. Rejoining civilian life in 1945, he designed many splendid homes in the Chicago area, most of which are still standing. He continued to work into his mid-90s.

Karl was an avid golfer. He had a hole-in-one and carried a single-digit handicap into his late 80s. He was almost 100 before playing his last round, and he shot his age more times than his friends and family could count.

Karl loved Princeton and attended numerous class-reunion celebrations. At age 99, he had lunch in Chicago with Bud Harmon Jr., one of the other two then-living members of ’32.

In 1936, he met and married his beloved Jacque. They had two children, Nancy and Bob, four grandchildren (one of whom carries his name) and several great-grandchildren. He will be missed but never forgotten. The class extends deepest condolences to his family.

THE CLASS OF 1938

RICHARD F. FURMAN ’38 Richard Furman died Sept. 5, 2012, at the age of 95.

Dick was born and lived his entire life in Trenton, N.J. He graduated from Trenton High School and majored in economics at Princeton. He was on the lifegiving and fencing teams freshman year, ran cross country his junior year, and belonged to Gateway Club. He was circulation editor of the Bric-a-Brac, a member of the parking squad, and a cashier at Baker Rink. Freshman year he roomed with Henry Stratton and junior year with Dwight V.D. Lee.

Dick left Princeton during junior year and went to the University of Alabama, where he graduated with a bachelor’s degree in geology.

During World War II, Dick served as a lieutenant in the 2nd Artillery Division. He was wounded during the Battle of the Bulge and received a Purple Heart, Bronze Star, and other campaign medals.

After the war, Dick returned to Trenton and pursued a career in genealogical research. He served as a poll worker and was a member of the Trinity Episcopal Cathedral, where memorial services were held.

He is survived by two nephews and two nieces, to whom the class offers sincere condolences.

ROBERT E. MASON ’38 Robert Mason died Oct. 24, 2012, at Brightwood, a retirement community in Lutherville, Md. He was 95.

Born in Birmingham, Ala., Bob prepared for Princeton at Ramsay High School. At Princeton he majored in biology and graduated with high honors. He was a cartoonist for The Daily Princetonian, belonged to Terrace Club, and taught at Jamesburg State Training School for Boys. Bob graduated from Johns Hopkins Medical School, specializing in internal medicine.

Bob enlisted in the Army the day after Pearl Harbor and landed at Omaha Beach on D-Day, helping to establish a field hospital at St. Lô. This hospital was transferred to Belgium and was under buzz-bomb attack during the Battle of the Bulge.

After the war he returned to Johns Hopkins Hospital and also practiced privately. His major medical contribution was developing the In-Exercise Electrocardiographic Stress Test, which has become the standard test worldwide for detection of coronary artery disease.

Bob was an accomplished photographer and woodworker. After retiring in 1986, he pursued his passion for hiking and climbed Grand Teton, the Matterhorn, and Mount Kilimanjaro, and once reached the base camp on Mount Everest.

Bob is survived by his wife, Beverly; sons Steven and Andrew; daughter Elizabeth; stepsons Benson Legg, Christopher Legg, Bruce Matthai, and William Legg; stepdaughters Beverly Ciccarene and Anna Reigeluth; and 30 grandchildren. To them all, ’38 extends heartfelt sympathy.

THE CLASS OF 1940

ARTHUR W. BROWN ’40 Art died Oct. 28, 2012, at Indian River Estates Medical Center in Vero Beach, Fla.

He prepared at Cranford (N.J.) High School and majored in mathematics at Princeton, graduating with high honors and election to Phi Beta Kappa. He was the winner of the George B. Covington Prize in Mathematics and the Andrew H. Brown Prize Scholarship in Mathematics.

Art was editor of the Bric-a-Brac and a member of Key and Seal. He served for three years on the executive council of Whig-Clio and was its treasurer senior year.

During World War II, he worked in Army/Navy intelligence.

Thereafter, he was manager of employee relations for Exxon until his retirement in 1971. He was president of the Westfield (N.J.) Presbyterian Church and later worked on the board of pensions for the Presbyterian Church in Vero Beach.

Our Class of 1940 yearbook also lists the work Art volunteered for at Princeton.

Art’s survivors include his daughters, Joy Ann Brown Baird and Cynthia Brown Brady; eight grandchildren; and 25 great-grandchildren. To them all, his classmates offer their sincere sympathies.

THE CLASS OF 1941

SHEFFIELD J. HALSEY ’41 Shef died Nov. 5, 2012, at his home in New London, N.H. He was 92.

He prepared at Canterbury School in New Milford, Conn. At Princeton he majored in art and archaeology and graduated with honors.

After winning numerals for freshman swimming, he won varsity-swimming letters the next three years. He was a member of the Catholic Club and joined Quadrangle. He roomed variously with Rooth, Bell, Kip, Bergland, Buenger, Moses, Cox, O’Brien, and Pettit.

During World War II, Shef was commander of a submarine chaser in the Pacific. His career was in the brokerage business, working for Shearson Hammill while living in Irvington-on-Hudson and later Ossining, N.Y. He also had a home in Sea Island, Ga.

Shef retired to New Hampshire in 1977 but served on the board of advisers of New Hampshire Thrift Baneshares. He was a very generous benefactor for a number of institutions.
Shef was predeceased by his first wife, Louise Purse Gale, to whom he was married for 44 years. He is survived by his wife, Virginia Noonan Halsey; two daughters, Sharon and Katherine; four sons, Sheffield Jr., Stephen, Schuyler, and Michael; 13 grandchildren; and two great-grandchildren.


He attended the Culver Summer Naval School and was its longtime supporter, starting a family tradition that has seen 18 family members and relatives attend the school.

Slugger served in the Navy in World War II, separating as lieutenant junior grade. He joined the Chevrolet division of General Motors, and spent 44 years in several field-executive positions in Ohio, Michigan, Illinois, Indiana, and Oklahoma. He retired in 1985 as zone manager in Cincinnati.

During retirement, he and his wife, June, traveled extensively. However, for 20 years he struggled with macular degeneration.

Predeceased by June, his wife of 66 years, Slugger is survived by his sons, Aaron III, David ’72, and Fred; five grandchildren; and seven great-grandchildren.

RUSSELL E. TRAIN ’41 On Sept. 17, 2012, we lost our distinguished classmate Russ Train, who died on his farm in Bozman, Md. Russ was one of the most highly regarded American conservationists of the past century.

He prepared at St. Albans School in Washington, D.C. He majored in economics at Princeton and graduated with honors. He was a member of Terrace Club and Whig Clio, and served as treasurer of the Polo Association.

After serving in the Army in World War II and graduating from Columbia Law School, Russ became an attorney for the Internal Revenue Service, then clerk of the House Ways and Means Committee. He next was appointed assistant to the secretary of the Treasury, with responsibility for legal tax matters.

In 1957, President Eisenhower appointed Russ a judge of the U.S. Tax Court. In 1961, he founded the African Wildlife Leadership Foundation, and in 1965 he resigned from the tax court to become president of the Conservation Foundation.

In 1969, he became undersecretary of the Interior and then administrator of the Environmental Protection Agency. In 1978, Russ joined the World Wildlife Fund’s U.S. affiliate as president, then chairman and chairman emeritus. In 1991, he received the Presidential Medal of Freedom, the nation’s highest civilian award.

Russ is survived by Aileen Bowdoin Train, his wife of 58 years; four children, Emily, Nancy, Charles, and Errol; and 12 grandchildren.

THE CLASS OF 1942

James Kriebie died Oct. 25, 2012, at Kendal in Hanover, N.H.

Jim grew up in Union City, N.J., where his father, I.R. Kriebie 1908, was principal of the Robert Waters School. After attending public schools in Union City, Jim spent his last year of high school in Lawrenceville.

At Princeton, Jim majored in chemical engineering. He was a member of the Engineering Society and Dial Lodge and graduated with honors. Shortly after graduation he married Amanda Sanborne.

During World War II, Jim was a lieutenant junior grade serving at the Naval laboratory in Washington, D.C. After his discharge he returned to Princeton and earned a Ph.D. in chemical engineering.

Jim spent his postwar career as an engineer at General Electric. Initially he worked at the research laboratory in Schenectady, focusing on projects dealing with tungsten chemistry, the iodide process, and the electrolytic oxidation of metals. In 1957 he moved to the lamp, metals, and components department in Cleveland. During this time a series of scientific papers attest to his participation in advances in this field. Ultimately he became a plant manager, simultaneously working on improvements in the science of lighting.

Jim was predeceased by Amanda. To their daughters, Cynthia and Elizabeth; son John ’74; and their four grandchildren, the class sends condolences.

THE CLASS OF 1945

Donald Pyle died of complications from pneumonia Nov. 20, 2012.

Don entered Princeton from Newark (N.J.) Academy and joined Quadrangle Club.

During his sophomore year, he married Mary Jane Hanson from Jersey City.

Don skipped his last year at Princeton to attend Cornell Medical College in Manhattan. He completed his residency at Long Branch (N.J.) Hospital.

In 1949, Don entered the Army Medical Corps and served in a hospital for the American occupation forces in Japan. The Korean War erupted, and Don treated American soldiers evacuated from Korea. In 1951, he was discharged as a captain.

Don set up a medical practice in Point Pleasant, N.J., and became affiliated with Point Pleasant Hospital, where he helped establish a state-of-the-art cardiac-care unit and later served as chief of staff.

In 1985, Don and his wife, Mary Jane, built a log cabin on Heglen Lake, Mont., near Yellowstone National Park. After retiring in the 1990s, they moved to Melbourne Beach, Fla. Mary Jane died in 2003, and several years later, Don moved to Oregon. In his final years, he struggled with progressive dementia.

Don is survived by his children, Sara, Mary Lou, Donald ’72, Barbara; and William; seven grandchildren; and four great-grandchildren. The class expresses its sympathy to the family.

THE CLASS OF 1946

James R. Duke ’46 An outstanding ophthalmologist, Jim Duke, in his mind’s eye, could clearly see E. Scott Fitzgerald ’17, for Jim owned and lived in the Baltimore house in which Fitzgerald completed Tender Is the Night.

Upon joining us in the summer of 1942, Jim had begun collecting the author’s works and other material related to his life. Some years before Jim died Oct. 16, 2012, he donated his collection to Princeton.

A Tampa, Fla., native, Jim was a 1942 graduate of Virginia’s Staunton Military Academy. He earned a medical degree at Johns Hopkins and trained in pathology at Columbia Presbyterian Hospital. During the Korean War, he served as an Army captain in the Armed Forces Institute of Pathology and at Fitzsimons Army Hospital in Aurora, Colo. He then returned to Hopkins to head its ophthalmic pathology department. “As a teacher,” said a colleague, “he was exacting and made us toe the mark when studying the pathology slides. He also had a wonderful sense of humor.”

“Ready for a change of pace” (as he himself put it), Jim opened his private practice in 1968, serving patients until retirement in 1982 and continuing (as his attorney said) “a wonderful lifestyle as a Southern gentleman.”
family is an understatement, for so very many of his relatives attended Princeton.

After graduating from the Gilman School in 1943 he was called into the Army. D.C. served for three years, spending 20 months in Europe with the 26th Infantry “Yankee” Division. He was awarded a Bronze Star and four ETO battle stars.

After military service he entered Princeton and graduated in 1949. D.C. graduated from Johns Hopkins Medical School in 1953, spent the next year as an intern in surgery, and began a one-year assignment as the hospital’s resident surgeon in 1954.

After his residency he entered private practice with seven partners. D.C. was surgeon president of Finney, Trimble & Associates until his retirement in 1989.

During retirement D.C. and his beloved wife, E.J., played golf all over the world, but boating and fishing were also favored pastimes. Much time was spent at their homes in Chester, Nova Scotia; Naples, Fla.; and Fenwick Island, Del.

E.J. died in 2010. D.C. is survived by four daughters; four grandchildren; and his sister, Margaret Finney-McPherson. His brother, Eben Finney Jr., predeceased him.

**CHARLES R. PARMELE III ’47** Chuck Parmele died Nov. 4, 2012, at the University Medical Center of Princeton after a brief illness. He and his wife, Jackie, had celebrated their 60th wedding anniversary in June.

Chuck prepped at Staten Island Academy, where he played tennis, and later became a trustee. He was New York State Junior Tennis Champion. On the Princeton tennis team, he never lost an intercollegiate match.

Chuck served in the Army for three years, returning from service in the Pacific as a sergeant. At Princeton, he majored in history and graduated magna cum laude in 1949. He was a member of Tiger Inn.

Returning to Staten Island, Chuck started his career in life insurance with Chubb, as did Bill Wright, who became a lifelong friend. In 1952 he married Jacquelyn White, a nationally ranked tennis player. The sport kept them both going strong through a long life together.

Chuck served the class as regional chair of Annual Giving, chairman of memorial insurance and class treasurer, among other jobs. He felt that his personal and professional successes were due to the fine education he received at Princeton.

Chuck later started his own insurance agency, now Parmele, McDermott & Thomas, where his two sons carry on the. The class sends sympathy to Jackie and sons Charles R. IV and James W.

**JAMES T. PHILLIPS JR. ’47** Jim died Sept. 4, 2012, at his daughter’s home in Wilton, Conn., after a long illness.

Jim prepared at Millburn (N.J.) High School and was accepted to Princeton at the same time he received his draft notice. He served in the Army in the European theater and received a Silver Star, French Croix de Guerre, Bronze Star, and Purple Heart. Jim was discharged in 1945, entered Princeton the following year, and graduated in 1949. At Princeton he received the Herald Tribune Prize for his thesis on the Dewey/Truman campaign.

After graduation he joined J.P. Morgan in its trust and investment department. He worked there until his retirement in 1988, except for the mid ’70s when he moved to the bank’s London Office (now Morgan Guaranty Trust Co). While there he managed the Bin Laden family account as well as accounts in Kuwait, Abu Dhabi, and the United Arab Emirates. After seven years he returned to the New York office.

During retirement Jim was involved with the English-Speaking Union and the Pilgrims, and found much pleasure in theater and opera.

Jim married Sarah Levis in 1958. They divorced in 1960, and he married Margaret Peale, who died in 1989. The class extends deepest sympathy to Jim’s daughter, Sarah, who took such wonderful care of her father.

**THE CLASS OF 1948**


He was born in Paterson, N.J., and grew up on family farms in Clifton and Fair Lawn, N.J. He entered college in 1944. After two years of military service in the Philippines, he returned to Princeton, majored in electrical engineering, and graduated in 1948. He earned an MBA at the University of Michigan in 1951.

That same year he and Katharine (“Kabby”) Lydecker were married, and he began a 35-year career at General Electric in a variety of management positions in California and in the East — including sales, market research, strategic planning, and public relations.

During those years, Al took leadership roles in a variety of social-service and community organizations, including (in the Schenectady area alone) United Way, the Human Services Planning Council, the Northeastern Regional Food Bank, the Schenectady Museum, Rotary International, the Princeton Alumni Association of Northern New York, and St. Stephen’s Episcopal Church.

Katharine survives Al, as do their sons, Charles and James A.; daughter Elizabeth Lowe Verner; and nine grandchildren. Another daughter, Louise Mary Lowe, died in 2005.

**DAVID K. REEVES ’48** Our doughty class secretary suffered a debilitating stroke in early September and died Nov. 23, 2012, in Princeton, his home since 1945. He was 86.

David was a native of Baltimore. Before college, he attended Gilman and Canterbury schools and served in the Army Air Corps. A history major and a member of Colonial, he graduated in 1949.

A devout Roman Catholic with a strong social conscience, David lived his faith in his business career and in volunteering. He was marketing director for the publisher Sheed & Ward for 18 years, and later development director for the bioethics-research program of the Hastings Center.

As class secretary since our 25th reunion, David was the leading influence in bringing ’48 together as a coherent class. [That couldn’t happen in our decade-long undergraduate years after World War II.] David strengthened and supported ’48 and Princeton in other, unpublicized ways. He successfully established at Reunions an alcohol-free gathering place, open to all alumni, for example.

His favorite recreation in his active years was beagling — in New Jersey and in the Cotswolds in England.

David’s second wife, Clara Grossman, predeceased him. His survivors include his first wife, Anne Reeves; his brother, Charles Jr. ’45; daughter Emily Reeves; sons Samuel, Charles, and Cornelius; and five grandchildren. We honor David for his good works, and especially for his devotion and service to ’48.

**ROBERT N. RICH ’48** Bob died Nov. 17, 2012, at home in Shippman Point, Conn., after a brief illness. He was 84.

A Stamford, Conn., native, he was senior class president at Stamford High School. He entered Princeton in 1944 and graduated in 1947 with a bachelor’s degree in political science.

For almost 65 years he was a principal in the family’s F.D. Rich Company and its subsidiary, the New Urban Corp. The Rich organizations are among the largest builders and developers throughout the United States and the Caribbean. Their projects have included design, development, and construction of business and industrial parks, shopping centers, pavilions at the 1964 World’s
Memorials

Fair, airport terminals, schools, hospital offices, flood-control structures, and nonprofit housing. Their largest project, beginning in 1968, was the planning, redevelopment, and major new construction for downtown Stamford.

Bob’s community-leadership roles included serving on the boards of Stamford Hospital, the Regional Plan Association, and the Stamford Yacht Club.

Bob’s wife, Jeanne, died in 1968. He is survived by his partner of more than 30 years, Valerie Wiltshire; his daughters, Priscilla Rich and Martha Rich Andrus; sons Christopher and Thomas; 10 grandchildren; and one great-grandchild.

THE CLASS OF 1949

JOSEPH A. FAUCHER JR. ’49 Joe died peacefully Aug. 17, 2012, at the home he shared with his son, John.

He was born Oct. 2, 1927, in San Francisco. A Garden City (N.Y.) High School graduate, he majored in chemistry at Princeton, earned a Ph.D. in chemistry at Yale in 1953, and spent a year at the University of Innsbruck, Austria, on a Fulbright scholarship, researching clay chemistry. After two years in the Army Chemical Corps, he began a career with Union Carbide that took him to Bound Brook, N.J.; Geneva, Switzerland; and Tarrytown, N.Y. After retirement in 1985, the Fauchers moved to San Diego County, Calif.

Joe was a genealogist, piano player, reader, speaker of German, French, and Russian, and — his classmates still recall — a very good chess player. He showed his affection for Princeton and the class with the license plate on his RV: “49 Tiger.”

He married Tonita Jeune Pruitt Aug. 15, 1959. They enjoyed 50 years of marriage before her death in November 2009. The class extends its sympathy to Joe’s sons, Richard and John; his daughter-in-law, Karen E. Schnitz; and his granddaughters, Sophie Schnitz and Rose Faucher.


He was born Jan. 28, 1927, in Oxford, Ala. After being named valedictorian of his class at the McCallie School, he became the fifth member of his family to attend Princeton. He was a history major, member of Phi Beta Kappa, and recipient of the Woodrow Wilson Fellowship. He graduated summa cum laude. Tom belonged to Tower Club, Whig-Clio, the Westminster Society, and the Student Christian Association. After Princeton he studied creative writing with Hudson Strode at the University of Alabama.

Tom had at least two careers. As a writer, his novel, Buttermilk Road, appeared in 1963, and one of his published short stories, “Something to Explain,” was included in the O. Henry Prize Stories of 1959. Another story was produced as a play by the Canadian Broadcasting System. He also became an entrepreneur, working with the Merrimac Land Corp., the Heart of Anniston (Ala.) Inn, and a chain of proprietary business schools.

Tom was a deacon and elder in the First Presbyterian Church of Anniston, a library-board member, avid reader, and movie buff.

The class extends sympathy to his wife, Zoe; his sons, Charles, John, and Stuart; daughter Caroline ’82; his stepchildren; his grandchildren; and his step-grandchildren.

THE CLASS OF 1952

WALTER F. BOMONTI ’52 Terry prepared at Middlesex School and Le Rosey School in Rolle, Switzerland. At Princeton he played squash and was on The Daily Princetonian staff.

He joined Key and Seal and roomed with Gren Garside and Bob Linderman. He also was in ROTC.


PONCET DAVIS ’52 A leader in the rubber business and the head of his family’s firm, Robbins Tire & Rubber Co., Ponce died April 24, 2010.

Before Princeton, he graduated from Culver Military Academy. Ponce majored in economics, belonged to Tower, and roomed with Herbie Herbert. He kept a suite for 50 years at the Seaview Hotel in Bal Harbour, Fla., where he had met his wife, Astra (now deceased).


He grew up in Montclair, N.J., where he attended Montclair High School. At Princeton, he was an outstanding athlete, earning varsity letters in football, basketball, and baseball his three upperclass years. He won the Roper Trophy as outstanding scholar-athlete at graduation.


John gave years of service to our class and Princeton, establishing records in Annual Giving, serving as class president from 1972 to 1977, and spending three years fundraising with Princeton’s Office of Development for the Class of ’52 Stadium.

John married Barbara Jean (“B.J.”) in 1954. They settled in Rumson, N.J., where they raised their four children. Always involved in family and community affairs, he rarely missed a child’s athletic or school event. He loved golf and was an accomplished fly-fisherman.

B.J. died in 2011 after a long illness. The class extends sympathy to John’s children John R. Jr. ’79, Karen Lynch, Robert L., and Richard C. ’90; and their families. We will miss this remarkably talented and good man.

PETER P. HOMANS ’52 A distinguished scholar and teacher, Pete came to us from Taft. His father, Howard, was Princeton 1901.

At Princeton, Pete joined Tiger Inn and rowed 150-pound crew. He was WPRU classical-music director and roomed with Bob Stott.

After graduation he earned a bachelor of divinity degree from Virginia Theological Seminary, and in 1964 a master’s degree and Ph.D. from the University of Chicago Divinity School, where he taught from 1965 until 2001. The dean at Chicago called Pete “a leading thinker about psychology as a — if not the — decisive cultural expression of the 20th century.”

Pete wrote books on Freud and Jung and, most notably, The Ability to Mourn: Disillusionment and The Social Origins of Psychoanalysis.

He died on May 30, 2009, from a stroke, leaving his wife, Celia, and daughters Jennifer, Patricia, and Elizabeth.


He graduated from the Hackley School, was on the business board of the Princeton Tiger, and withdrew during sophomore year for health reasons.

He had a career in real-estate management and as a broker in Florida and California. More recently, Karl operated an electronic publishing firm he called Dynapress, chiefly for his own writing.

Twice divorced, he leaves two children, Karl III and Anne.

THE CLASS OF 1953

JAMES H. BISH ’53 Jim, who was greatly admired by roommate Ansel Chaplin for volunteering for the Army during the Korean conflict, left Princeton after sophomore year to
enlist. Upon his discharge, he returned to graduate sum laude with ’56. He came back to Princeton as a permanent resident following retirement in 1988 and died there Oct. 1, 2012, after experiencing lengthy, multiple illnesses precipitated by a stroke.

While awaiting release from the service at Fort Dix in 1956, Ansel visited Jim, who was living in veterans’ housing on campus. Ansel remembers the living quarters were not built of the sturdiest materials. They were quite a change from the construction of Jim’s club, Tiger Inn.

Jim received an MBA from Harvard Business School in 1958 and was employed by Texaco and Marathon Oil. He joined Chase Manhattan Bank in 1966 and worked in international banking. His last responsibility was as CFO for global affairs at Chase Investment Bank.

Surviving are his loving wife of 46 years, the former Elisabeth Kellerhals, who carefully tended to him during his sickness of 22 years; daughter Sondra Grant; son Michael; Jim’s sister-in-law, Verena Siegrist, and her two daughters, son-in-law, and three grandchildren. We mourn the loss of a true patriot and friend.

THE CLASS OF 1956


Nick was born Nov. 9, 1934, the son of Nicholas Niles and Marian Lawrence Freeman Niles of Morristown, N.J. He graduated sum laude from Princeton and then served three years with the Army Security Agency in Frankfurt, West Germany. In 1972 he earned an MBA in marketing at the University of Bridgeport.

Nick worked for the Remington Arms Co. Inc. for 12 years. He was an officer with several NYSE brokerage firms for 25 years. In 1999 he retired from A.G. Edwards & Sons Inc. in Fairfield, Conn., where he resided for 35 years. He moved to Naples in 2000 but spent summers in Westport.

In 2012 the Niles’ Guide to “Affordable” Double Barrel Shotguns in America 1875-1945, his life’s work, was published. More information can be found online.

Nick leaves his wife of 49 years, Varick Katzenbach Niles; two sons, Nicholas III and Samuel Varick Niles, and their wives; four granddaughters; a grandson; his sister, Nancy Niles Faesy; and his brothers, John Adams Niles and William Freeman Niles.

John S. Thompson Jr. ’56 Jack died suddenly July 23, 2012. He graduated in 1952 from Swarthmore High School, where he played many sports and was captain of the football team his senior year. At Princeton, Jack studied basic engineering. He joined Ivy Club and played freshman and varsity football, where he was the center for three years. Jack’s senior-year roommates were Bob Aldrich, Mort Chute, and Herb Paschen.

Princeton was close to his heart, and he was proud that three generations of Thompsons were Princeton alums. After graduation in 1956, Jack did graduate work at Claremont University.

Jack spent his career in the business world. He was a senior vice president at Crocker National Bank; the assistant to the chairman, president, and CEO of Transamerica Corp.; and vice president and general manager of the western division of Sealed Air Corp. He also held positions at INA Corp., McKinsey & Co., Avison Corp., and Union Carbide. Prior to retirement, he was a director, consultant, investor, and partner in multiple ventures and companies.

Jack is survived by his wife, Betty Lou; his sons, Christopher and Michael ’88; three stepchildren; nine grandchildren; and one nephew.

He was predeceased by his son, John III, and his sister, Marianne Burt. Loved by everyone, Jack’s spirit will be with us always.

THE CLASS OF 1958


He came to Princeton from St. Mark’s School. At Princeton he majored in politics, served as treasurer of Charter Club, and joined Whig-Clio.

Coming did not always focus his considerable intellect on mere classroom assignments, which led to some dire warnings from the dean’s office. Nevertheless, his score on the LSAT (highest of anyone from South Carolina that year) resulted in an unsolicited acceptance from Harvard Law School. A proud and witty son of the South, Coming declined Harvard’s offer, stating that his fervent hope was to study law at the University of South Carolina, “if they deem me worthy.” They did, and he graduated magna cum laude with a clerkship with Judge Clement Haynosworth of the U.S. Court of Appeals.

He was an active and esteemed trial lawyer who navigated a landmark case before the U.S. Supreme Court regarding a criminal defendant’s right to effective counsel. He was a member of the American College of Trial Lawyers and a founder of the Neighborhood Legal Assistance Program. He embodied the ancient command that the law be not a money-making trade, but a profession.

He is survived by his wife, Beverly Sue; four daughters; four grandchildren; and his brother and sister. He was a proud father and a loyal friend.

THE CLASS OF 1960


Chuck was born in Norwood, Mass., and prepared for college at Phillips Exeter Academy. At Princeton, he joined Tower Club and majored in history. He was also battalion commander of the Air Force ROTC unit and during his four years at Princeton received five ROTC awards.

After graduation, he served as an Air Force captain, troop carrier pilot, and flight commander during the Vietnam War. While stationed in Japan, he climbed Mount Fuji. Following his military service, he joined AT&T, retiring as vice president of training in 1987 after 22 years of service.

He was a member of the Royal Canadian Military Institute, an avid golfer and train collector, and loved to write music. He performed often as “The Blue Tora Express” at Lyons V.A. Hospital. Chuck was well known for his warmhearted nature and musical talents, singing country and folk songs and playing his guitar.

He is survived by Lynn, his devoted wife of 55 years; two daughters from a previous marriage, Kimberly Wesul and Kristen Gannon, his sisters, Diane Knechtli and Connie Lee; and four grandchildren. To them all, the class extends sincere sympathy.

THE CLASS OF 1961

Joseph W. Fitchett Jr. ’61 Joe Fitchett, former chief correspondent of the International Herald Tribune and editor of the Journal of European Affairs, died May 7, 2012, in Washington, D.C., of injuries sustained in a fall. He was 73.

Among the most knowledgeable analysts in global journalism, Joe could unravel for readers tangled threads of the French economy, intricacies of Arab art, or the missile capabilities of the Afghani Taliban.

Joe grew up in Huntington, W.Va. At Episcopal High School, he was valedictorian of his class and completed three years there with medals of distinction in almost every subject and a grade-point average of 98.6. He also founded the school literary magazine.

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and won varsity letters in football, soccer, and tennis. At Princeton, Joe majored in English and was a member of Ivy and a devotee of Theatre Intime. He roomed with Frank Wisner.

At brushfire conflicts in the Middle East, he was a stringer for The New York Times, The Washington Post, and other publications. In 1978 he joined the International Herald Tribune in Paris. From there for 25 years he wrote about everything from fatwas to fashion, reporting fearlessly and perceptively from Kurdistan to Morocco.

He leaves behind his beloved companion, Whitney, and her children, whom he adored. The class mourns his passing.

**THE CLASS OF 1982**

**FRANK E. PELTON III ’82** “Pete” Pelton died Sept. 13, 2012, at his home in Pasadena, Calif., after a battle with cancer.

Pete came to us from St. Louis via Culver Military Academy. An NROTC scholarship student, he majored in French in the Special Program in European Civilization. Pete dined at Quadrangle, where he hired the best party bands on the East Coast. He roomed with Ned Gaunt, Bert Laurence, Ken Smith, Warren Crane, Pete Campbell, John Nuzum, Barry Goss, Peter Tisne, and Strangler, a 6-foot boa constrictor (whose Pete immortalized with a brick in Palmer Square). Pete started with The Daily Princetonian delivering papers, became business manager, and chaired the Prince-Tiger dance.

Pete flew C-130 transports for the Navy during the Vietnam War, ending as a senior flight instructor. He joined Merrill Lynch as a stockbroker and later became an office manager for Shearson Lehman. Eventually he headed wealth management and mentored many office co-workers at Smith Barney (Shearson) in California.

Pete loved trains and traveled to our 50th on a transcontinental train.

The class sends condolences to his widow, Sara; his children, Christopher, Alexander, and Penelope ’08; and four grandchildren.

**THE CLASS OF 1981**

**RICHARD A. WOTIZ ’81** Dick died suddenly May 30, 2012, from a heart attack while hiking with friends in Castle Rock State Park in Los Gatos, Calif.

A 1977 graduate of Milton Academy, Dick majored in electrical engineering at Princeton. While a freshman, he demonstrated the vulnerability of University computer files and was subsequently hired by Princeton’s computer lab to rewrite the software. After graduation, he used his computer expertise to develop new products.

In 1992, Dick moved from Massachusetts to California and started a successful software and hardware-consulting firm. When he could not find what he needed, he invented it, winning multiple competitions for his inventions and holding four registered patents. Dick shared his curiosity and expertise with others by writing a regular column for a prominent electrical engineering magazine.

In recent years, Dick became a committed hiker, as his love of the outdoors became more important to him. He also turned to a new aspect of spirituality, becoming involved in a local drum circle. His ashes were scattered in a redwood grove in Felton, Calif.

Dick is survived by his mother, Miriam Wotiz; sister Sue Wotiz Goldstein; brother Robert Wotiz; a niece and nephews; and many friends who had become his California family.

**THE CLASS OF 1994**

**SUZANNE WETZEL SEEMANN ’94** Our classmate Suzie Wetzel Seemann was struck and killed by a car while on a morning run with friends Sept. 27, 2012.

Suzie grew up in Neptune and Little Silver, N.J., and studied civil and environmental engineering at Princeton. Suzie enjoyed Outdoor Action and was the cornerstone of Princeton’s women’s cycling team, an unflappable bike racer who always looked out for her teammates. She subsequently earned graduate degrees in atmospheric and oceanic sciences from MIT/Woods Hole and the University of Wisconsin.

Suzie became a successful scientist and highly respected instructor at College of the Redwoods and Humboldt State University — all while focusing on her greatest joy, her family. Her friends revered her for her wise life choices and her quiet fortitude in the face of challenge. Suzie is remembered for her gentle kindness, generosity, love of the outdoors, and understated sense of humor.

We have tragically lost a friend, role model, beacon, and stalwart. Our deepest sympathies go to Suzie’s husband, Hank, and children Malcolm (7) and Evelyn (4). Contributions may be sent to the Seemann Family Memorial Fund (#992682542, 1063 G Street, Arcata CA 95521).

**Graduate alumni**

**RICHARD C. WILLMOTT ’54** Richard Willmott, an electrical engineer and mathematician, died of gastric cancer Aug. 2, 2012. He was 82.

Born in China in 1930 to missionary-teacher parents, Willmott left in 1943 during the war with Japan. He earned a bachelor’s degree in mathematics from Swarthmore in 1952, and a master’s degree in electrical engineering from Princeton in 1954. He then went to Canada, his father’s homeland, and worked for Canadian Marconi as a radio engineer.

In 1960, Willmott returned to mathematics and went to the University of British Columbia, where he earned a Ph.D. in 1965. Over the next three decades he did research and taught mathematics at University College in London, Montreal University, University of Zambia in Africa, University of Essex in England, and lastly as an associate professor of mathematics at Queen’s University in Ontario.

Reflecting an active life, Willmott climbed mountains, built a small two-seater airplane, and flew from Ontario to the Pacific Coast, among other interests. Following his parents’ path, he opposed war, racism, and social inequality.

He is survived by Jill, his wife of 51 years, and their three children.

**GERARD J. CAMPBELL ’57** Gerard Campbell, former president of Georgetown University who was a priest for 61 years and a Jesuit for 72 years, died Aug. 9, 2012. He was 92.

Campbell earned a bachelor’s degree in Latin from West Baden College in 1943, a master’s degree in history from Fordham in 1954, and a Ph.D. in history from Princeton in 1957, returning to Princeton for postdoctoral studies in 1962-63. He began teaching at St. Joseph’s College in Philadelphia in 1945, and in 1957 he became professor of history at Loyola University Maryland for five years.

Campbell began at Georgetown in 1963 as executive vice president, and was named president in 1964, serving until 1969 (also being rector of its Jesuit community from 1964 to 1968). In 1969, he became provincial assistant for colleges and universities where-by he oversaw the five institutions in the Maryland Province. From 1974 to 1979, he returned to the novitiate as rector.


Campbell is survived by his sister, Mary Margaret Norton.

This issue has an undergraduate memorial for James G. Krieble ’42 *49.

Graduate memorials are prepared by the APGA.
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PROVENCE: Stunning, updated farmouse, magnificent Mediterranean/mountain views. Antiques. Lovely kitchen, gardens, pools. 609-924-7520. gam1@comcast.net

ROMA: Bright, elegant apartment. Marvelous beamed ceilings. Antiques. Walk to Spanish Steps, Trevi Fountain. 609-683-3813, jetas5@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. de sax@verizon.net. 212-473-9472.

FLORENCE COUNTRY house on 54 mountain acres. Fantastic views. $100/day. www.ganzitalianhouse.com E-mail: ggzan@comcast.net

ROME HISTORIC CENTER: 24 bedrooms. Elegant and spacious. All modern conveniences, including WiFi. 503-227.1600; tkim@stollberne.com

PARIS: Ille St. Louis, elegant top-floor apartment, elevator, updated, well-appointed, gorgeous view. Sleeps 4, maid 3x week. WiFi, TV etc. Inquiries triff@mindspring.com, 678-232-8444.


PARIS, Montparnasse: Elegant top-floor, one bedroom duplex, 150 sq/ft terrace. WiFi. Weekly $1,095. ideces@princeton.edu

FRANCE, DORDOGNE: Lovely 18th century manor house and/or cottage with private pool, tennis, trout stream, horse riding and cook. Tel: 011-33-553-227-608. www.dordognerental.com

FRANCE, PARIS-MARAS: 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, $1,350 weekly. 301-654-7145; louvet@jhu.edu

PARIS: ‘Chic, creative, and spacious.’ 2 gorgeous luxury 2BD/2BA apartments 5 minutes by foot from the Louvre and the Palais Royal. Both are bright, sunny, and renovated by top Parisian designers. Sleeps 4. Ashley Maddox ‘94, www.whereidstay.com

PARIS LUXEMBOURG, Port Royal and Saint Jacques, full of light, large one bedroom apartment, 75m.sq., completely redesigned, elegant furnishing, antiques. 950 euros/week, g-mallard@northwestern.edu

PARIS, SQUARE HECTOR BERLIOZ: 9TH. Beautiful 3BR/2BTH, full-floor condo, 4th floor, elevator. Long or short term (minimum 2 weeks). Details: www.parisflat4u.com or 415-922-8888.

PARIS 1ST: Sunny, quiet, comfortable furnished 2-bedroom. Available September for long-term rental. 2500€/m. mia.architecture@gmail.com

ELEGANT APARTMENTS: Available in Saint Petersburg Russia, BA Argentina, Miami, Princeton, Sofia and Varna Bulgaria. japer@princeton.edu


VACATION VILLA RENTALS in Tuscany, Italy. www.DoWhatYouLoveinItaly.com

ROME, ITALY: Breathtakingly beautiful art-filled apartment on via Gregoriana near Spanish steps. 2 bedrooms in a 17th century palazzo. Marieliswirth@yahoo.com, 212-360-6321.

ITALY: Umbria, Tuscan border. Spectacular settings, gorgeous historical properties decorated to the highest standards, pools, fireplaces. Unmatched charm and luxury, accommodations to meet every traveler’s need. www.borgoiapoteca.com

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ITALY/TODI: Luxurious 8BR, 7.5BA villa, amazing views, infinity pool, olives, lavender, grapes, vegetable garden, daily cleaner, Wi-Fi. For photos/prices/availability: VRBO.com, #398660. Discount Princeton affiliates. 914-320-2865. MarilynGasparini@aol.com, p ’11.

CORTONA, ITALY: 250-year-old restored Farmhouse on 8 acres on Tuscan/ Umbria border. 4 Bedrooms, 3 Baths, pool. Plus guest house available. Contact: lbcegeorgebayntun@yahoo.co.uk, or call R. Banz P’60, (941) 964-2292. No agents, please.

SOUTHERN FRANCE. Beautiful spacious house in lively enchanting medieval village. Museums, restaurants, markets, biking, beach. www.maisonsouthernfrance.com

Caribbean
WATER ISLAND. Private family compound. 2 to 20 guests. See www.water-island.com, 73.


BERMUDA: Lovely home — pool, spectacular water views, located at Southampton Princess. Walk to beach, golf, tennis, restaurants, shops, spa, lighthouse. Sleeps 15. ptgers@prodigy.net, ’74.


USVI, ST. JOHN: Extraordinary hillside home overlooking Rendezvous Bay. 4 BR, 4 Baths. Pool. Wrap terrace. Amazing 180 degree ocean views. ootb10@gmail.com, k ’04, ’08.
Princeton exchange

United States Northeast


WELL/FLEET: 4 bedroom beachfront cottage with spectacular views overlooking Cape Cod National Seashore. 609-921-0809 or warren@aol.com

NANTUCKET: Dionis. 3BR, 2BA, decks, views, walk to beach. 530-758-6659. doctorpaula@comcast.net, ’66, p’86.


SUGARBUSH/WARREN, VT: 3BR/2.5 BA condo minutes from ski area. Sleeps 8. Free shuttle service or short walk to ski-on access. 212-496-6528 or suzannezywicki@hotmail.com

TENANTS HARBOR, ME: Private peninsula, gorgeous 270° views. Sleek architect designed cottage sleeps 2, fully appointed guest bunkhouse sleeps 2. Minimum 2 weeks. Online: www.longpointmaine.com, Gardiner N. Stratton ’77, 617-523-1757 or rent@longpointmaine.com


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MOUNTAIN LODGE: on Lehigh River, PA: Waterfalls, fishing, swimming, tennis. Sleeps 13, $1,200/week, June–October. kgordonmd@aol.com, 617-519-6114.

United States West

BIG SKY MONTANA: Charming 4 BR log home on 20 acres beautifully furnished, spectacular views, Big Sky sunsets, skiing, hiking, fishing and golfing within 5 minutes. Close to Yellowstone National Park and Bozeman. Enjoyment all 4 seasons. 610-225-3286. jgriffith644@aol.com, s’67.

DEER VALLEY: 2BR European chalet ski condo sleeps 6. 100 yards to lifts. www.redstaglodgedeervalley402.com, jpyros@jpyros.net, ’80, p’12. 570-822-8577.

CALIFORNIA BEACH HOME: Charming Nantucket-style home on Carpinteria Beach, near Montecito and Santa Barbara. 4BR, 6BA. Fabulous chef’s kitchen. One month minimum. BJKirwanHanna@gmail.com


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OCEANFRONT MAINE HOME: Details see US Northeast category, ’62.

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