

Yale SCHOOL OF FORESTRY &  
ENVIRONMENTAL STUDIES

# CANOPY

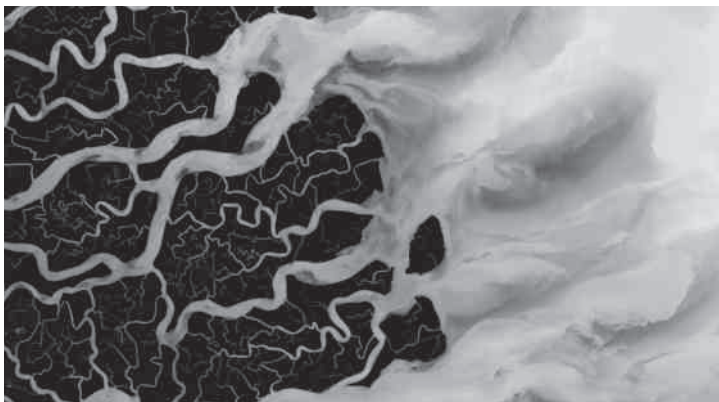
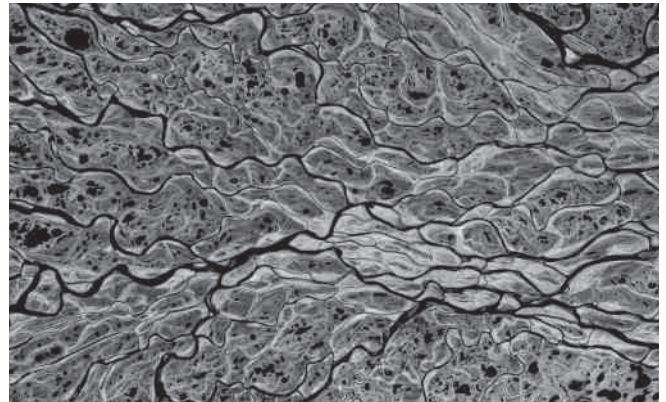
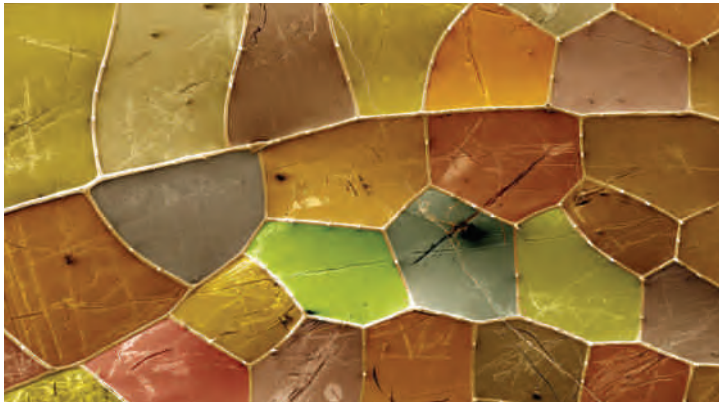
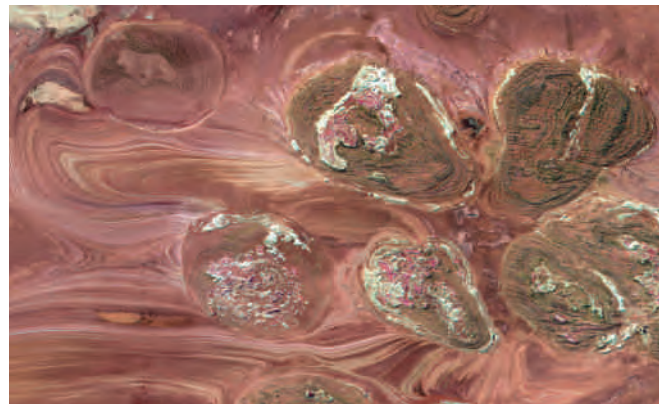
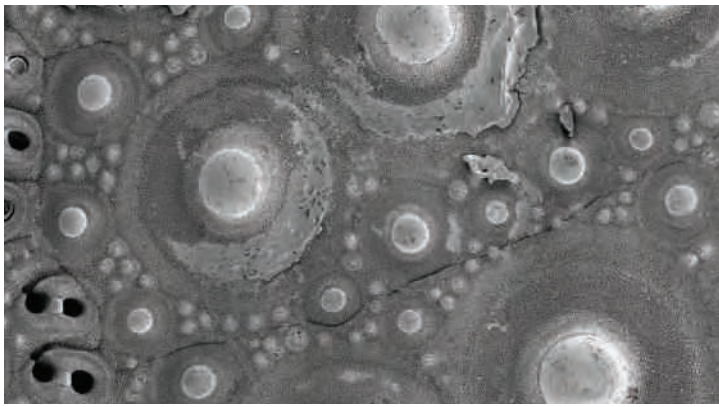


FALL 2015

News and notes for alumni and friends





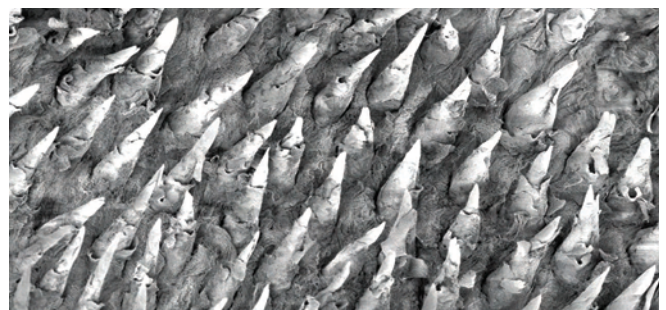


## MACRO OR MICRO? *Challenging Our Perceptions of Scale*

A new interactive exhibit opened in the Knobloch Environment Center on the third floor of Kroon Hall during Reunion Weekend 2015, featuring the images of F&ES alum Steve Young '85 M.E.S. and his colleague Paul Kelly. The exhibit, titled "Macro or Micro? Challenging Our Perceptions of Scale," encourages viewers to guess whether the images were taken at macro or micro scale before viewing the answer key.

A selection of images from the exhibit are displayed on this page. Take a guess as to whether they are macro or micro – and what they might be images of – before checking the answer key on page 45.

Steve, a professor in the Geography Department of Salem State University, gathers images from satellites to study environmental changes on Earth, while Paul, a professor in the Biology Department,



explores with an electron microscope the minute details of living organisms and other objects. The exhibition is designed to challenge people's perceptions of scale by highlighting the patterns and similarities that occur at very different scales in the natural world.

The exhibit will be displayed in the Knobloch Environment Center through the end of December. If you visit F&ES, make sure to stop by Kroon Hall to view these incredible images in person.

Dear F&ES Alumni and Friends,

In this edition of *CANOPY*, the strength of the commitment of our alumni, friends, and the School itself to current and future generations of students is illustrated through many meaningful examples.

This spring, our scholarship initiative successfully concluded, raising \$10.1 million and creating 22 new endowed scholarships. This investment in our students by generous alumni and friends will have untold positive impacts for generations to come – see page 8 for details.

Hundreds of alumni invest countless hours volunteering for F&ES and its students each year, from sharing their knowledge through courses, panels, and programs, to assisting with recruiting the next generation of students, to hosting students at their work places as interns or on job treks. Over 200 alumni volunteered to be in the pool of mentors for second-year students as part of the Environmental Leadership Mentoring (ELM) program. By volunteering their time and knowledge, alums are making an immediate impact on students' F&ES experiences and professional growth – you will find examples throughout this edition of *CANOPY*.

In this edition, you will also read about renovations to Greeley Memorial Laboratory, an investment that is restoring Greeley to its historic roots while creating a state-of-the-art research facility for faculty and students today and into the future – see page 14 for an update.

Investments in F&ES and its students today will realize significant long-term returns, as these students will go on to lead critically important initiatives and make a tremendous positive impact worldwide as alums. See Class Notes for some examples – and share your stories for the next edition of *CANOPY*!

Thank you for your generous collective investments of time, energy, and resources, which will sustain the F&ES community into the future.

All the best,



Kristen Clothier '98 B.S., '01 M.F.  
Assistant Director, Development and Alumni Services

## CONTENTS

4 F&ES Happenings	12 Annual Report	34 Class Notes
6 Leadership Council 2015	14 Greeley Renovations	45 Macro/Micro Answer Key
8 Scholarship Initiative	16 Alumni Association Board	46 In Memoriam
9 ELTI	18 2015 Commencement	48 Class of 2014 Career Update
10 Class of 1980 Project Fund	26 Honor Roll	50 F&ES Resources

*CANOPY* is produced by the F&ES Office of Development and Alumni Services. *CANOPY* is designed to inform the Yale School of Forestry & Environmental Studies community of alumni, friends, and supporters about the School's activities, goals, and achievements, and to celebrate the community at large.

## F&ES OFFICE OF DEVELOPMENT AND ALUMNI SERVICES

Tim Northrop '03 M.E.M. – Director • Kristin Floyd '01 B.A. – Associate Director • Kristen Clothier '98 B.S., '01 M.F. – Assistant Director  
Brian Gillis '09 M.Div. – Coordinator • Hannah Perez – Coordinator • Emily Blakeslee – Senior Administrative Assistant

**Contributing Writers:** Development and Alumni Services Staff and Timothy Brown '15 M.E.Sc., Kevin Dennehy, Grace Lange '17 M.E.M., Whitney Tilt '85 M.E.S., and Steve Young '85 M.E.S.

**Contributing Photographers:** Kike Calvo, Kristen Clothier, Matt Garrett, Sarah Gordon, Paul Kelly, Christy Olezeski, Peter Otis, Joshua Paul, Jan Taschner, and Steve Young

**Design:** ELEMENTS

**COVER PHOTO** Environmental Leadership Training Initiative (ELTI) Director Eva Garen '97 M.E.S., '05 Ph.D., (center) with F&ES alum Paulo Barreiro Sanjines '12 M.E.Sc. (second from left) and local landholders in Southern Bahia, Brazil, exploring the potential for an ELTI permanent training site in the region. ELTI is partnering with Instituto Floresta Viva, a local NGO where Paulo works, on a range of training activities in the region. To learn more about ELTI, see the article on page 9.



## F&ES HAPPENINGS

### Alum Frances Beinecke '71 B.A., '74 M.F.S., Returns to F&ES as a McCluskey Fellow

Frances Beinecke '71 B.A., '74 M.F.S., former President of the Natural Resources Defense Council (NRDC), has returned to the Yale School of Forestry & Environmental Studies this fall as the 2015 Dorothy S. McCluskey Fellow in Conservation.

The McCluskey Fellowship allows conservation practitioners, particularly women, to spend a semester at F&ES to pursue independent research, to enhance collaborations between F&ES and environmental organizations, and to expand professional training opportunities for students. Dorothy McCluskey '73 M.F.S. endowed the fellowship in 1997. Frances is the 19<sup>th</sup> McCluskey Fellow and the second F&ES alum to receive it; Rose Harvey '84 M.E.S. was a McCluskey Fellow in 2010.

As part of her fellowship, Frances is co-leading a fall semester course with Dean Crane, *Diverse Voices: Environmental Leaders on Climate Change and the Environment*, which examines how the environmental movement of the 21<sup>st</sup> century can better reflect all segments of American society. Throughout the semester, the course engages a diverse group of leaders tackling environmental challenges through advocacy, policy-making, academic research, and business.

Before the course began, Frances noted that she expected to get a lot out of the experience herself. "I really look forward to hearing what students are thinking about, and what faculty are working on," she said. "Because sometimes you can miss the big picture when you're working in the trenches."

*"Although Frances has stepped back from her post as President of NRDC, she remains one of our nation's most influential environmental leaders. Her presence at F&ES this semester is of immeasurable benefit to our students, staff, and faculty, and is a highlight of this academic year."*

—Dean Peter Crane



Frances Beinecke '71 B.A., '74 M.F.S. Photo by Joshua Paul

Back in the early 1970s, when she was an undergraduate at Yale College, Frances Beinecke knew that she wanted to tackle an issue related to social justice. But it wasn't until after graduation, when she spent several months in Africa, that she found her focus. As she traveled, she was struck by the beauty, size, and scope of the natural world, and by the immense challenge of providing the resources needed by a growing population.

After a gap year she enrolled at F&ES, where she completed her master's degree in 1974. And it was during the summer between her first and second years that she interned with NRDC, an organization established three years earlier by five young attorneys (four from Yale) who wanted to protect the nation's resources and wildlife. A year later, Frances joined NRDC full time.

After a decade as a Coastal Resource Specialist, she became the Director of Programs in 1990, guiding NRDC through its first comprehensive strategic planning process. In 1998 she became its Executive Director. Eight years later, in 2006, she was named President.

Former F&ES Dean Gus Speth, '64 B.A., '69 LL.B., who helped found NRDC, first met Frances after she joined the organization in 1974. Although he left NRDC in 1977, he watched from afar as Frances climbed through the organization's ranks. He notes that her command of issues, the environmental landscape, and NRDC earned her respect throughout the organization.

"But I think it was her personal qualities that actually account for her steady rise in the organization," he said. "Her capacity for no-nonsense leadership and steady focus on the important things were complemented by an insightfulness regarding both issues and people that contributed to the widespread realization that Frances wanted to help others succeed and flourish."

Under her leadership, NRDC invested heavily in the fight to curb global warming, helped promote clean energy initiatives, and fought for endangered wild habitats. NRDC also increasingly became a global organization, forging relationships with large and small organizations worldwide.

*"If there is one thing I've learned, it is that all issues take decades to address. Yes, if you look back over a five- or ten-year period you can start to see progress. But you just have to be committed for the long term."*

—Frances Beinecke  
'71 B.A., '74 M.F.S.

**Learn more: [environment.yale.edu/news/article/frances-beinecke-returns-to-yale-after-decades-in-environmental-trenches](http://environment.yale.edu/news/article/frances-beinecke-returns-to-yale-after-decades-in-environmental-trenches)**

## F&ES Dean Peter Crane Accepts Leadership Role at a New Foundation

In September, Sir Peter Crane, Carl W. Knobloch, Jr. Dean of the Yale School of Forestry & Environmental Studies, announced that he plans to step down as Dean of the School in June 2016, at the end of his seventh year.

“It’s hard to express what an exhilarating privilege it has been for me to be part of this great university and the best professional school of the environment anywhere in the world,” said Dean Crane. “It will be an enormous wrench to leave behind the wonderful F&ES community with its outstanding staff and faculty, inspiring students, incomparable alumni, and dedicated supporters. Nevertheless, after discussing the prospect of this transition with my family, we have concluded that this is the right time to take up a new and important challenge.”

Beginning in July, Dean Crane will become President of the newly created Oak Spring Garden Foundation in Virginia. Oak Spring includes one of the great gardens of North America and the Oak Spring Garden Library, which houses a collection of books, prints, and drawings tracing the history of landscape architecture and garden design, including the

early history of plant science. The mission of the Foundation will be to facilitate scholarship and public dialogue on the uses, history, and future of plants.

In the coming months, Dean Crane will be redoubling his efforts to secure the School’s most important priorities for the future. These include further strengthening F&ES’s research portfolio, enhancing the breadth and quality of the School’s pedagogy, completing the renovation of Greeley Memorial Laboratory, and raising funds to enhance Yale-Myers Forest by adding field-based courses and fellowships for Yale students, as well as new research facilities and programs to promote cutting-edge, interdisciplinary inquiry into the natural sciences.

A search committee will be established this fall and a national search for Dean Crane’s successor will begin shortly thereafter. Alumni and friends will have ample opportunity to provide their input to the search committee. We hope many alumni and supporters will share their thoughts and perspectives during this time of leadership change.

## Professor Thomas Graedel, Pioneer in Field of Industrial Ecology, Retires

Professor Thomas Graedel, who made Yale a global center in industrial ecology, a growing field that explores the flow of energy and materials through industrial systems, their effects on the environment, and how economic, political, regulatory, and social impacts might transform these systems, retired from the faculty earlier this year after 18 years at F&ES.

Since joining F&ES as a full-time professor in 1997, Professor Graedel helped cement Yale as a leader in the development and institutionalization of the field of industrial ecology, conducted seminal research, and coalesced a global community of academic, industry, and policy leaders who are tackling a wide range of environmental challenges. A prolific researcher, Professor Graedel has collaborated with more than 250 authors on hundreds of papers, producing foundational work on streamlined lifecycle analysis and the cycling of materials within the industrial ecosystem.

During a series of F&ES events celebrating Professor Graedel’s career, including a symposium held in his honor in April 2015 (*see pages 6-7 for symposium coverage*), colleagues and alumni from around the world, as well as current graduate students, were unanimous in crediting him for his pioneering role in the growth of industrial ecology. As Professor Emeritus, Professor Graedel will continue to have a presence here at F&ES as he furthers his research.

**Learn more:** [environment.yale.edu/news/article/yale-honors-thomas-graedel-pioneer-in-field-of-industrial-ecology](http://environment.yale.edu/news/article/yale-honors-thomas-graedel-pioneer-in-field-of-industrial-ecology)

## Dr. Edgar Hertwich, Global Leader in Industrial Ecology, Joins F&ES Faculty

Dr. Edgar Hertwich joined F&ES this semester as Professor of Industrial Sustainability. Prior to his arrival at F&ES, Dr. Hertwich was a professor in the Norwegian University of Science and Technology’s Department of Energy and Process Engineering since 2003, where his research focused on climate mitigation, life cycle assessment, sustainable consumption and production, trade and the environment, and risk analysis.

Specifically, he has explored how societal activities produce environmental pressures, the dynamics of global development that affect these forces, and alternative courses that can reduce these pressures. For more than a decade he also served as director of the School’s Industrial Ecology Programme.

He is a member of the United Nations Environment Programme’s International Resource Panel and leads the Working Group on the Environmental Impacts of Products and Materials. He was lead author of the energy systems chapter in the Intergovernmental Panel on Climate Change’s 5<sup>th</sup> Assessment Report.

“Dr. Hertwich is an international leader in the field of industrial ecology, and we are extremely pleased to have him join the F&ES community,” said Dean Peter Crane.

**Learn more:** [environment.yale.edu/news/article/edgar-hertwich-global-leader-in-industrial-ecology-joins-fes-faculty](http://environment.yale.edu/news/article/edgar-hertwich-global-leader-in-industrial-ecology-joins-fes-faculty)

Most of the contents of pages 4 and 5 are excerpted from articles produced by Kevin Dennehy, F&ES Communications Officer. Visit the links to view the complete articles.

## LEADERSHIP COUNCIL 2015

This year's F&ES Leadership Council meeting was a remarkable time of celebration and learning as we paid tribute to Thomas E. Graedel, the Clifton R. Musser Professor of Industrial Ecology and Director of the Center for Industrial Ecology, as he approached his retirement. Professor Graedel's former students and colleagues from around the world joined Leadership Council members to consider his legacy as the "Father of Industrial Ecology," and delve into the "Story of Stuff," the theme of this year's meeting about how industrial ecology is making our world smarter, safer, and more sustainable.

In advance of the Leadership Council meeting, a special day-long symposium was convened on April 23 by the Center for Industrial Ecology to honor the career of Professor Graedel. Former students and colleagues gathered in Burke Auditorium to celebrate his wide-ranging accomplishments, including how his work has shaped resource and environmental analysis, management, and policy.

The Leadership Council meeting officially kicked off in Burke Auditorium with a thought-provoking retrospective on Professor Graedel presented by Princeton Professor Emeritus Robert H. Socolow. After being introduced by Connecticut DEEP Commissioner Robert Klee '99 M.E.S., '04 J.D., '05 Ph.D., Professor Socolow, who worked with Professor Graedel for more than two decades, credited him for re-conceptualizing environmental analysis ("cradle to grave") and for his pioneering research on material accounting and scenario-building on a planetary scale.

During the Leadership Council dinner that evening, F&ES Dean Peter Crane raised a toast to Professor Graedel and announced several new gifts in his honor, including a new endowed scholarship, a new small grants fund to seed innovative industrial ecology research projects, and the Graedel Prize, for the best-judged articles in the *Journal of Industrial Ecology*.

On Friday morning, April 24, Dean Crane opened the Leadership Council meeting with a State of the School report. Leadership Council co-chairs Pam Kohlberg '75 B.A., '77 M.F.S., and Tom McHenry '77 B.A., '80 M.F.S., then took over the podium with an update on the scholarship initiative, which was nearing its \$10 million fundraising goal. Pam noted that 21 new endowed scholarships were created through the initiative, a 40% increase in the total number of F&ES scholarships! New scholarship funds have already been allocated to 75 current students. (*Editor's note: The initiative ended on June 30, having raised \$10.1 million. See page 8 for details.*)

The "Story of Stuff" symposium began with an introduction by Associate Professor of Industrial Environmental Management Marian Chertow '81 M.P.P.M., '00 Ph.D., who succinctly defined industrial ecology by illustrating the concepts of life-cycle analysis, industrial symbiosis, and resource use and re-use using real-world examples. Her primer was a perfect introduction to the symposium keynote speaker, Leadership Council member Heinrich Jessen '95 M.E.M. Heinrich, Chairman of Jebson & Jessen, a diversified, multinational industrial conglomerate based in Singapore, was one of the first F&ES students to graduate from the School with a focus on industrial ecology. Heinrich told the story of how he assumed leadership of his family's century-old group of companies and began implementing industrial ecology principles across more than 50 companies engaged in engineering, manufacturing, and distribution in Southeast Asia.

Following Heinrich, a panel of F&ES alums took center stage in Burke Auditorium for an in-depth examination of how industrial ecology is being implemented across energy, food, clothing, and technology sectors. The alums discussed the application of industrial ecology principles in their different professional disciplines, offered their predictions on how industrial ecology might be used in the future to improve business and environmental performance, and reflected on the value of their industrial ecology training at F&ES and its impact on their careers.

During the closing lunch, Yale President Peter Salovey '86 Ph.D. began his remarks by acknowledging Tom Graedel and praising his outstanding record of scholarship and citizenship at Yale. He also congratulated the Leadership Council on the success of its scholarship initiative, which served as a precursor to the University's Access Yale initiative now underway.



Dean Peter Crane addressing the F&ES Leadership Council.





**TOP LEFT** Princeton Professor Emeritus Robert H. Socolow pays tribute to Professor Tom Graedel during his keynote address.

**BOTTOM LEFT** Professor Tom Graedel giving remarks at the reception.

**TOP RIGHT** Professor Marian Chertow '81 M.P.P.M., '00 Ph.D., with Leadership Council member and keynote speaker Heinrich Jessen '95 M.E.M.

**MIDDLE** Left to right: Chris Lotspeich '96 M.E.S./M.P.P.M., Shannon Siart '10 M.E.M., Duncan Cheung '07 B.A., '08 M.E.M., Punit Lalbhai '07 M.E.Sc., and Suzette Carty '04 M.E.M. comprised an alumni panel moderated by Weslyne Ashton '03 M.E.Sc., '08 Ph.D.

**BOTTOM RIGHT** Left to Right: Ed Bass '67 B.S. and Pam Kohlberg '75 B.A., '77 M.F.S., listening intently to Yale President Peter Salovey '86 Ph.D.

# SCHOLARSHIP INITIATIVE RAISES \$10.1 MILLION FOR F&ES STUDENTS

A three-year scholarship initiative led by F&ES Dean Peter Crane and the School's Leadership Council has generated \$10.1 million in new scholarship support for F&ES students.

These new funds have helped create unprecedented opportunities for F&ES students, said Pam Kohlberg '75 B.A., '77 M.F.S., and Tom McHenry '77 B.A., '80 M.F.S., co-chairs of the F&ES Leadership Council.

"One of life's most gratifying experiences is the opportunity to help a bright and dedicated young person pursue training in environmental sciences, and apply her/his subsequent skills to the world's pressing problems," Pam said. "Learning about the entrepreneurial approach of current students and the long-term contributions by F&ES alumni continues to reinforce the value of scholarship support. As one of our distinguished alumni reflected, education is the portable asset that no one can take away, and will always bear fruit in many different geographies."

"In three short years, I'm deeply proud that we have been able to significantly increase the scholarship funding available to incoming students," said Tom.

At the close of the campaign, Pam and Tom expressed their gratitude to all of those who contributed. They also shared a video message from current F&ES students, which can be viewed at: <https://vimeo.com/126183546>. Pam and Tom noted that "our appreciation, though heartfelt, cannot adequately represent the gratitude of the students whom you have helped."

Although F&ES has made tremendous progress in providing student support in recent years, the annual gap between overall student need and available scholarship funds still remains high, about \$5 million annually. Even with the formal initiative now over, the School continues to actively seek donations for scholarship support.

In addition to adding more scholarship support, F&ES is also actively engaged in new fundraising initiatives including a research campus at Yale-Myers Forest; a food/agriculture program to address a critical gap in the curriculum; recruitment and outreach efforts to boost the diversity of viewpoints at F&ES; and online education innovations.

*"Increasing scholarship support is obviously the right thing to do for our students, but it's also the right thing to do for our School since it helps us to attract the very best students from around the country and around the world. This initiative represents an enormous step in the right direction towards keeping F&ES in the forefront of training to meet current and future environmental challenges, and we simply could not have done it without the generosity of our friends and alumni."*

— Dean Peter Crane

## BY THE NUMBERS:

- In F&ES's first 112 years, 52 endowed scholarships were established; over the past three years, 22 new endowed scholarships were created, an increase of 42%.
- 140 donors contributed to the scholarship initiative, including: the majority of Leadership Council members; F&ES alumni; Yale alumni; friends with no Yale affiliation; graduating members of the F&ES Class of 2014; corporations; and foundations.
- In 2014-2015, more than 75 current students were supported by newly raised funds.

If you have any questions or would like further information about making a gift to F&ES, please contact Tim Northrop, Director, or Kristin Floyd, Associate Director, in the F&ES Office of Development and Alumni Services.



# ENVIRONMENTAL LEADERSHIP AND TRAINING INITIATIVE (ELTI)

## *Improving Local Capacity for Tropical Forest Conservation and Restoration*

The goal of the Environmental Leadership and Training Initiative (ELTI), a center at F&ES, is to improve local capacity for tropical forest conservation and restoration. ELTI provides field-based and online training courses, and follow-up leadership support, to facilitate the design and implementation of an array of land management strategies that help to conserve and restore forests, native tree cover, and ecological integrity in degraded tropical areas.

Professor Mark Ashton '85 M.F., '90 Ph.D., is ELTI's Principal Investigator, and ELTI's eight full-time staff members include F&ES alumni Eva Garen '97 M.E.S., '05 Ph.D., Director; David Neidel '06 Ph.D., Asia Program Coordinator; and Gillian Bloomfield '10 M.F.S., Online Training Coordinator. ELTI is made possible by the generous support of the Arcadia Fund.

ELTI's Training and Leadership Programs "provide those who are managing or directly influencing tropical human dominated landscapes with access to a wealth of information and applied experience from world-class universities and in-country partners on key themes related to conservation and restoration," notes Eva.

ELTI works closely with local communities in tropical Asia and the Neotropics to develop capacity-building trainings, believing that long-term restoration and conservation success depends on improving local people's livelihoods. Eva notes that ELTI "listens to the needs and interests of the people on the ground and then helps to build their capacity in ways that work with their existing livelihood practices."

Eva added that ELTI is "also focused on facilitating the application of this knowledge by those who complete our Training Programs via our Leadership Program, which helps to ensure transformational changes on the ground."



David Neidel '06 Ph.D. (right) helping to initiate a municipal tree planting activity on the island of Leyte, Philippines, in celebration of the International Year of Forests.

As one example, in May 2015 on the island of Leyte in the Philippines, ELTI worked with a local partner to hold a "Rainforestation" trainer's training event. "Rainforestation" is a local form of community-based reforestation using native tree species. The training was attended by 29 participants from NGOs, academia, and government. The objective of the training was to teach a combination of theory and practical experience for establishing a rainforestation site. By focusing on training new trainers, ELTI is able to broaden its impact; new leaders are empowered to establish rainforestation sites and share these practices in their communities. A participant has already implemented a follow-up training. Since ELTI began in 2006, it has supported numerous other training programs throughout tropical Asia and the Neotropics.

David notes that "this work is hugely important because throughout the tropics the loss of environmental goods and services (wood, NTFPs, water, and buffering against landslides, flooding, storm surges, etc.) resulting from deforestation and forest degradation is being acutely felt."

In addition to F&ES alumni involvement on the leadership team, "many alumni play a role in ELTI's work as contractors or consultants, participating in activities such as curriculum design, content development, materials creation, and teaching during ELTI trainings," Gillian notes.

In keeping with the theme of alumni engagement, ELTI offered an online course last spring targeted at F&ES alumni. The course, *Tropical Forest Restoration in Human Dominated Landscapes*, offered alumni both a professional development opportunity and an opportunity to reconnect with alumni and faculty in new ways. F&ES alum Gene Peck '96 M.E.S., who took the course, commented that "interacting with other participating alumni located in different parts of the globe, directly in class and on our projects, was a unique experience that greatly enhanced the course through additional examples of real problems and situations."

Talented and passionate F&ES alumni have been a great asset to ELTI and they welcome further support. Specifically, Eva commented that "we are interested in including F&ES alumni in our field-based and online training events as instructors or guest experts ... or to serve as mentors for participants of these trainings." For more information on how to get involved, please visit [elti.yale.edu](http://elti.yale.edu) or contact [elti@yale.edu](mailto:elti@yale.edu).

---

This article was written by Grace Lange '17 M.E.M.

# FUNDING CREATIVE COMMUNITY-FOCUSED STUDENT PROJECTS

In the spring of 1980, the graduating class chose as their gift to establish a fund to support creative student projects. “We established the Class of 1980 Project Fund before our graduation because we wanted to give back to the School. We thought the most effective way to do so would be to support student projects that benefit the community, both at Yale and outside of Yale,” notes Laura Snook ’80 M.F.S., ’93 D.For. “We also hoped that reviewing and voting each

year on the project proposals would keep us in touch with the interests and aspirations of the students. And thanks to the generosity of our classmates and the growth of the Yale endowment, we have been able to realize that vision many times over.”

Here are the student projects implemented with full or partial Class of 1980 Project Fund support in 2015.

## Green Careers, Women Leaders

Project Leaders: Kate Heller ’15 M.E.M., Clara Rowe ’15 M.E.M., David Gonzalez ’15 M.E.Sc., and Jessie Shoemaker ’15 M.E.M.

The 3<sup>rd</sup> annual Green Careers, Women Leaders conference for high school girls was held in Kroon Hall in March, with 34 students from 11 New Haven and Bridgeport area schools participating. The conference provided students with exposure to a variety of environmental career options and illuminated a path towards their own leadership goals. The conference included a whole-group goal mapping session, small group conversations with F&ES student mentors, digital mapping and social media sessions, and hands-on breakout sessions. The day’s feature event was a panel discussion with distinguished women in fields spanning ecology, energy, and health.

*“Another piece of progress Green Careers, Women Leaders made this year was ensuring that the conference will have a home at F&ES for the foreseeable future. We recognized the need for institutional memory and consistent leadership for the event to continue to be successful and to grow. Green Careers, Women Leaders has a new institutional home in the School’s ... Office of Diversity and Inclusion.”*

— From the Green Careers, Women Leaders Summary Report

## Yale-Myers Forest Orchard

Project Leader: Michael Meehan ’16 M.E.M.

Over the past year a new forest orchard was designed, installed, and tended to at Yale-Myers Forest. Not long ago this roughly one-acre plot of land was indistinguishable from the surrounding forest. Today, after clearing and stumping the space and erecting 700 feet of fencing, a highly diversified agroforestry demonstration orchard has been established. The orchard is now brimming with 30 different perennial crops, from Kiowa blackberry to the oldest domestic apple cultivar to wetland permaculture darlings. Altogether there are 63 varieties of plants and 176 fruit and nut plantings. F&ES is now home to a dynamic new living laboratory.

*“In recent years, Yale-Myers has increasingly demonstrated the economic and ecological value of diversified land use and non-timber forest products to the surrounding community, students, and visitors. We expect our endeavor to continue this tradition and serve as a lasting space for experimentation and nourishment, a robust and diverse demonstration of New England’s potential for perennial agriculture.”*

— From the Yale-Myers Forest Orchard Summary Report

## International Society for Tropical Foresters (ISTF) Conference

Project Leaders: Melissa Arias ’15 M.E.M., Matheus Couto ’15 M.F.S., Celine Lim ’15 M.E.M., and Krysia Solheim ’15 M.E.M.

The theme of the 21<sup>st</sup> ISTF Conference, held in January, was “Conserving Biodiversity Across Multiple Use Landscapes through Strategic Governance and Land-Use Planning.” The theme was chosen in recognition of the increasing rate of biodiversity loss from rapid land-use conversion in the tropics, climate change, and the urgent need to adopt a landscape approach to conservation. The conference attracted more than 100 practitioners, academics, and students, including participants from 15 countries. It took place over three days and included a number of impressive keynote speakers and two hands-on workshops.

*“As the oldest and largest student run conference at F&ES, the annual ISTF Conference is an institution at the School ... We aimed to continue to grow the Conference by offering tangible skills, providing networking opportunities, and ensuring participation from practitioners from developing tropical countries.”*

— From the ISTF Conference Summary Report



## 2<sup>nd</sup> Yale Symposium on Chinese Overseas Investment and Its Environmental and Social Impacts

Project Leaders: Tianjun Hou '15 M.E.Sc., Jie Pan '15 M.E.M., and Daphne Yin '16 M.E.M.

The 1<sup>st</sup> Yale-China Symposium in 2014 was successful in pioneering timely and in-depth discussion on the environmental and social issues of Chinese overseas investment. The 2<sup>nd</sup> symposium, held in April, brought together an impressive array of speakers from the private sector, multilateral development agencies, academic scholars, and NGO representatives to discuss how to better manage the social and environmental risks of Chinese government agencies and transnational corporations as they continue to invest globally.

*“This year we introduced four interactive case study sessions on Asia, North America, Latin America, and Africa. These sessions were jointly designed with the case presenters to provide the audience [with] an opportunity [to] interact and engage in direct dialogues with speakers on Chinese overseas investment across regions and sectors. This forum recognize[d] challenges, catalyzed much-needed discussions, and raised social awareness that hopefully will improve industry practices.”*

— From the 2<sup>nd</sup> Yale-China Symposium on Chinese Overseas Investment Summary Report

## Environmental Film Festival at Yale (EFFY) Inaugural Filmmaker Symposium

Project Leaders: Don Mosteller '15 M.E.M., Jessie Shoemaker '15 M.E.M., and Avana Andrade '15 M.E.M.

Four filmmakers and producers, forty-five students, five faculty members, ten staff members, and fifteen members of the public attended the inaugural EFFY symposium in April. Participants learned how to make films, develop effective narratives, and apply what they learned to a current show airing on *Showtime*. Presenters included Ian Cheney '02 B.A., '03 M.E.M., an Emmy-nominated and Peabody Award-winning documentary filmmaker, who captivated the audience with his best filmmaking advice, and Paul Lussier '81 B.A., current F&ES instructor and former producer at the *Discovery Channel*, who spoke about the history of environmental films and what messages and storytelling devices seem to work better than others.

*“The symposium was a sold-out, smashing success that drew rave reviews from Dean Crane, our invited guests, many attendees, filmmakers, producers, and the press. It was [a] thought-provoking and boundary-crossing event [that] set the tone for the entire festival.”*

— From the EFFY Inaugural Filmmaker Symposium Summary Report

## Drought: Solutions for Scarcity Spring Speaker Series

Project Leader: Michelle Camp '15 M.E.M.

This series fostered an important dialogue about sustainable water management in response to increasing water scarcity. Five water experts from across the country each delivered a compelling talk on campus, including two alums: Jennifer Pitt '93 M.E.S., Director of the Colorado River Program for the Environmental Defense Fund, and Peter Yolles '97 M.E.S./M.B.A., Founder of WaterSmart Software. Related activities gave students opportunities to grow professionally and network with these environmental leaders.

*“The F&ES community greatly benefitted from the dialogue and perspectives that emerged throughout the series. As severe drought and rapid population growth continue to threaten water security worldwide, this kind of discussion grows more and more relevant. With the support of the Class of 1980, such a conversation took place on the Yale campus and resonated with many future thought-leaders.”*

— From the Drought: Solutions for Scarcity Spring Speaker Series Summary Report

## SAGE Magazine's Environmental Investigative Journalism Speaker and Workshop Series

Project Leader: Noah Sokol, Ph.D. Candidate

SAGE Magazine organized a workshop and speaker series on environmental investigative journalism. In April, award-winning environmental investigative journalist Abraham Lustgarten of ProPublica led a writing workshop for F&ES students, during which he addressed many angles of this dynamic field. He also delivered a well-attended talk that included a discussion about the role of web-based, public interest journalism in the media landscape, and the approaches a journalist uses to distill complex environmental science and policy issues into captivating, long-form journalism. The second part of this two-part series will take place in the current academic year.

*“Students benefited from the workshop and talk who were not only interested in investigative journalism specifically, but more broadly in how to apply techniques of investigative journalism to their own research projects.”*

— From the Environmental Investigative Journalism Speaker & Workshop Series Summary Report

# ANNUAL REPORT

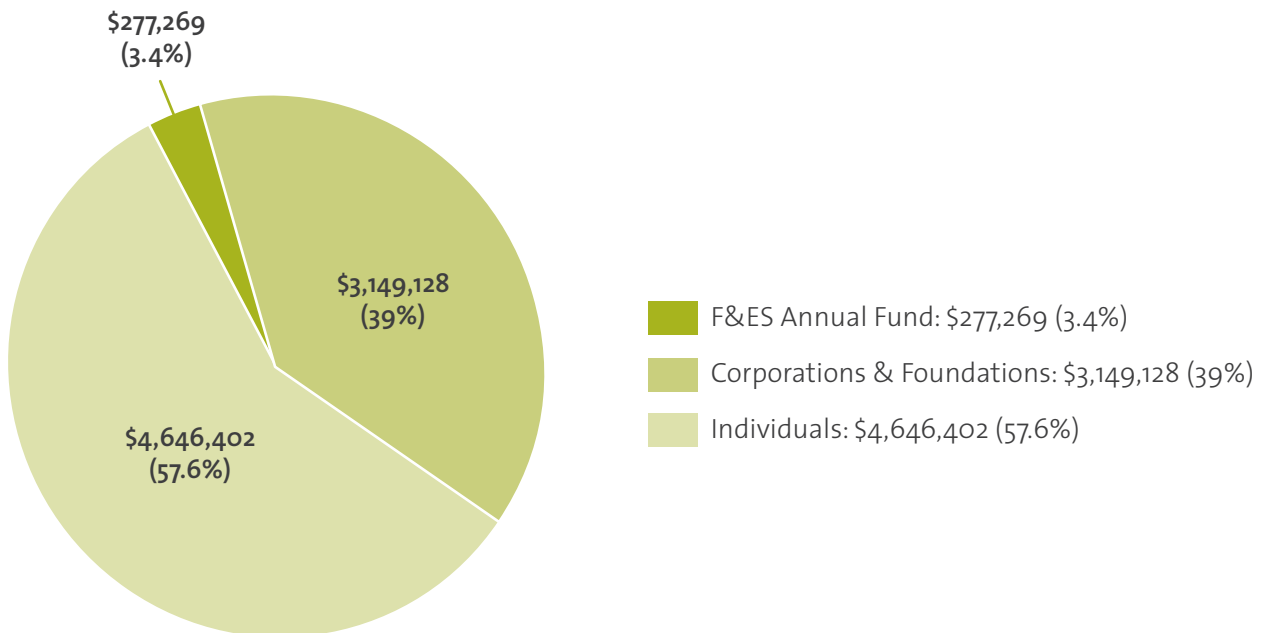


## Overall Fundraising

Fundraising achievement in FY 2014-2015 continued to be strong, accounting for nearly \$8.1 million in new gifts and grants to F&ES. The F&ES Annual Fund held steady, with participation and donations closely tracking the previous year at 27% and \$277,269 respectively. Thank you for your continued support!

The School's scholarship initiative, led by F&ES Leadership Council Co-Chairs Pam Kolhberg '75 B.A., '77 M.F.S., and Tom McHenry '77 B.A., '80 M.F.S., raised more than \$10 million by the June 30 deadline, more than double its original goal. Twenty-two new endowed scholarships were created during the three-year effort, a 42% increase. Leadership Council members, F&ES alumni, Yale alumni, friends, graduating members of the F&ES Class of 2014, corporations, and foundations were among the 140 donors to support the initiative. New scholarships will support F&ES joint degree students with the School of Management and the Jackson Institute for Global Affairs, as well as students interested in forestry in the United States and in the tropics, urban and industrial ecology, and environmental science and management. Leadership Council member Coleman P. Burke '63 B.A. was instrumental in closing out the initiative with a \$775,000 endowed scholarship in support of master's degree students from the United States.

## Fundraising Achievement 2014-2015





## Annual Fund

**OUR DEEPEST THANKS** to all alumni who contributed to the Annual Fund in FY 2014-2015. Your generous gifts provide unrestricted scholarship support to current students, 8 out of 10 of whom are receiving financial aid.

The Annual Fund is a critical part of F&ES’s budget and complements the dollars we receive in the form of endowed scholarships, which are often restricted for specific purposes. Assuming a 5% endowment payout, contributions to the Annual Fund last year provide support equivalent to \$5.5 million in endowment. This year, **1,145** individuals gave a total of **\$277,269** to the Annual Fund. The average contribution was \$242, with gifts ranging from \$5 to \$20,000.

Overall participation was **27%**, with six classes across eight decades achieving a participation rate of 50% or greater. Our newest graduates, the Class of 2015, reached an outstanding rate of **86%** and funded **four scholarships**. Their generosity and leadership is an inspiration, particularly as they begin to pay off their student loans and seek employment.

We are also grateful to the hardworking alumni who volunteer as Class Agents, reaching out to their classmates in support of the School. Most recently, the ranks of Class Agents were joined by Joanne Polayes (1977), Jeffrey Adams (1997), and Mark Hengen (1994), plus the ten agents from the Class of 2015: Hasita Bhammar, Yaping Cheng, Kenneth Cloft, Yesenia Gallardo, Emily Grady, Susannah Harris, Dawn Henning, Hyacinthe Nare, Frances Sawyer, and Kryisia Solheim.

**Volunteer to join them, today! We are actively recruiting Class Agents** for the classes of '55, '62, '72, '81, '90, '95, '96, and '06.

Please demonstrate your support of F&ES's current students and ongoing mission. Whether you are renewing your support, or giving for the first time, F&ES is counting on you!

## CLASS PARTICIPATION RATE

50% or Greater	40 to 49%	30 to 39%	20 to 29%	10 to 19%
1951	1952	1950	1953	1957
1961	1954	1955	1959	1989
1967	1958	1956	1962	1990
1973	1968	1960	1963	1993
1978	1977	1964	1965	1995
2015	1985	1966	1969	1998
		1970	1971	1999
		1972	1983	2002
		1974	1984	2003
		1975	1987	2006
		1976	1988	2007
		1979	1992	2008
		1980	1994	2009
		1981	1996	2010
		1982	1997	2011
		1986	2000	2014
		1991	2001	
			2004	
			2005	
			2012	
			2013	

## Annual Fund Medals for Highest Class Participation



**Gold**  
Class of 2015



**Silver**  
Class of 1951



**Bronze**  
Class of 1967

## Looking Ahead

New scholarships remain a fundraising priority for FY 2015-2016 and all alums are encouraged to support scholarships through donations to the Annual Fund, or by establishing a current use or endowed fund. In addition, we will be seeking contributions to create a Campus for Field Studies at Yale-Myers Forest. The vision for Yale’s “northeast campus” includes adding new research facilities, field-based teaching courses and programs, a field ecology apprenticeship program, and strengthening student outreach to local communities. We will also be raising funds in support of food and agriculture research and courses, as well as to bolster diversity initiatives at the School, including new scholarships, fellowships, and courses. We hope to have your partnership in pursuing this exciting agenda.

# RESTORING GREELEY TO ITS HISTORIC ROOTS AND CREATING STATE-OF-THE-ART RESEARCH SPACE



ORIGINAL

*The original Greeley Memorial Laboratory lobby.*



BEFORE

*The lobby before renovations.*



AFTER

The renovation has served to both **modernize F&ES's lab space** and to **save a historical building** from disrepair.

*The lobby after renovations – now a common meeting space.*

After nearly seven years, the Greeley Memorial Laboratory renovations will be completed this December. Greeley – F&ES's primary lab space – is home to the Center for Green Chemistry & Green Engineering at Yale, as well as offices and lab space for other F&ES faculty such as Shimi Anisfeld, Mark Bradford, Craig Brodersen, Alex Felson, Os Schmitz, and Dave Skelly.

The building, named for William Buckhout Greeley (M.F. 1904, M.A. Hon 1927), was the first designed for Yale by architect Paul Rudolph, who served as Dean of the School of Architecture from 1958-1965. Rudolph, who also designed the University's Art & Architecture Building (now Rudolph Hall), is well-known for his controversial, Brutalist designs that favor heavy use of simple, precast concrete and open plan concepts.

Graeme Berlyn, who joined the F&ES faculty in 1960, was one of Greeley's earliest inhabitants. Initially, the building housed the School's wood science program. Professor Berlyn says Rudolph worked with the faculty to design a state-of-the-art lab that ended up attracting other researchers, such as engineers and medical students, from across the University. "We had rooms we could grow large plants in. We had a very well-controlled plant growth room where we could vary temperature and light and the big plant-growth rooms were gas sealed so we could do carbon dioxide enrichment experiments," Professor Berlyn says. "This was a new type of design and he envisioned it as just a single floor laboratory space, and so that's why he didn't do anything with the basement. The bad part about what happened after that is that everything was done piecemeal. There was no architect involved and so there was no overall planning of these things."



By the time Dean Peter Crane arrived at F&ES in 2009, Greeley was in serious neglect. Jan Taschner, F&ES Facilities Superintendent, and Susan Wells, F&ES Director of Finance and Administration, took photographs of the existing building and compared them to historical images to show Dean Crane what Greeley had originally looked like and what it had become. “There was no adequate break space [or] community space left and what was left was so unusable it was impractical,” Taschner says. “The Dean was fabulous about all of this and made things happen. And once we got this into the architect’s hands, he used the photographs to restore the original intentions of Rudolph’s design.”

Despite their seemingly austere appearance, Brutalist buildings are anything but simple to renovate. As Chris Williams, the architect who did the renovation, puts it, “They’re probably one of the hardest types of buildings to restore because you don’t have places to conceal things. It’s just concrete. For example, a lot of the conduit for the lighting is embedded in the concrete. So it’s not very easy to change that, or to put new in.”

Williams says the most challenging part of renovating any lab is all of the mechanical systems that must be integrated to serve each lab. The new Center for Green Chemistry is a state-of-the-art wet lab complete with cherry cabinets, epoxy countertops, and a free-floating grid that creates an implied ceiling plane. Natural light illuminates the lab through new trapezoidal windows that Williams installed. “This basement space is completely above grade, next to this beautiful garden; why wouldn’t you put windows in it? It really helps increase the real estate value of it, and really helps the space. It lets these researchers know that there’s an outside, otherwise it’s sort of like you’re in a casino.”

Williams’ team also restored Rudolph’s open floor plan in the lobby. Rudolph’s design originally included a reception desk. Williams scrapped the desk in favor of a common meeting space. They added custom-designed benches and Eero Saarinen chairs to create a collective gathering space where students and faculty meet to discuss research projects, relax, and even host events. The open space features Rudolph’s distinctive Y-shaped concrete columns that support a concrete ceiling punctuated with skylights.

AFTER



Renovated North lab.

*“Over the past six years, nearly \$12 million has been invested in Greeley, not only to address issues of basic infrastructure, but also to upgrade the laboratory facilities. The funds have been made available primarily through carefully timed withdrawals from the School’s capital replacement charge account. This phasing has spread the financial impact over several years in order to accomplish the renovations while simultaneously allowing the School to develop a secure financial position for the future.”*

—Dean Peter Crane

BEFORE



Lower level before renovations.

AFTER



Center for Green Chemistry and Green Engineering lab after renovations.

This article was written by Timothy Brown ’15 M.E.Sc.,  
Assistant Editor, F&ES Communications.

# 2015–2016 F&ES ALUMNI ASSOCIATION BOARD

This fall, we welcomed two new F&ES Alumni Association Board Members, Alex Finkral '97 M.F., '05 Ph.D., and Kris Morico '98 M.E.M., as well as a new F&ES Association of Yale Alumni (AYA) Delegate, Joe MacDougald '05 M.E.M. (*See bios in right-hand column of page 17.*)

The Board Members were installed at the October 9, 2015, Alumni Association Board Meeting in New Haven. Their first term ends in 2018, with the option to serve an additional term of three years.

We also welcomed Ben Serrurier '17 M.E.M. as the Class of 2017 Student Representative to the F&ES Alumni Association Board. Ben will serve a three-year term, representing his classmates and working on projects that benefit students, alumni, and the School.



*Alumni Association Board President Brian Goldberg '03 M.E.M. thanking outgoing Vice President Nicole Chevalier '99 M.E.S. for her many years of service.*



*F&ES Alumni Association Board Scholarship recipients Nicholas McClure '16 M.E.M. and Marguerite Harden '16 M.E.M.*

At the same time, we expressed our deepest appreciation to an outgoing Board Member who completed her many years of service to the Board: Nicole Chevalier '99 M.E.S. At the Alumni Association Board Dinner in October, we thanked Nicole for her dedicated service to the School and its alums. Nicole has served on the Alumni Association Board since 2007 and has been a key part of many of its successful accomplishments.

“Nicole’s commitment of volunteer service to our Alumni Association has made a significant impact. Her service as Vice President and as Chair of the Nominations Committee has provided our Alumni Association Board with stable and steady leadership. As a result, we’ve been able to expand our programs for alumni volunteering, grow our levels of alumni engagement, and increase activities supporting student needs,” noted Alumni Association Board President Brian Goldberg '03 M.E.M.

## Year in Review

During the past year, the F&ES Alumni Association Board remained extremely active in its pursuit of strengthening alumni-to-alumni, alumni-to-student, and alumni-to-University connections and engagement.

A key accomplishment in 2014-2015 was the implementation of the first successful year of the Environmental Leadership Mentoring (ELM) program, working closely with the Career Development and Alumni offices, as well as the ELM Committee (comprised of representatives of the Alumni Association Board, students and faculty, and staff from the Career Development, Student Services, and Alumni Services offices). Over 100 alumni participated in the first year of the mentoring program and over 200 alumni volunteered to be in the pool of ELM mentors for the current year.

Many members of the Alumni Association Board have also invested incredible amounts of time, energy, and dedication in the past year in planning the Yale Environmental Sustainability Summit (YESS) on November 6-7, 2015. This University-wide summit will engage hundreds of Yale alumni, faculty, staff, and students, as well as world-renowned experts, practitioners, and scholars in the environmental realm, on new techniques and technologies to transform the use of food, energy, and water. (*Editor’s note: YESS had not yet taken place at the time this edition of CANOPY went into production; an in-depth article on YESS will be included in the Spring 2016 Edition.*)

In addition, members of the Alumni Association Board: worked with F&ES Diversity and Sustainability Fellow Maclovia Quintana '14 M.E.Sc., other alumni, and students to start a student-alumni group focused on diversity; brought alumni back to campus to engage with students as part of the Alumni Association Speaker Series focused on leadership; organized a Yale Day of Service event in Denver, Colo., with Dean Peter Crane; developed an alumni survey to obtain input from the alumni community; assisted with organizing a number of regional

*“F&ES alumni are an amazing group of people. They span ages, backgrounds, sectors, geographies, and languages, but they all desire to change the world. It’s been an honor to serve on the Alumni Association Board for the past seven years and to work to continue to foster alumni connections to each other, the current students, and the School. I’ve learned so much and my affection for F&ES and its current and future alumni continues to deepen.”*

—Nicole Chevalier '99 M.E.S.



*“As a student at F&ES, I benefitted tremendously from the connections that I made with the faculty, staff, and other students, as well as with the active and engaged community of alums of the School. I enjoy serving on the F&ES Alumni Association Board because it enables me to help strengthen the bonds between these groups so we can more collaboratively address the myriad of environmental challenges that we face in our ever changing world.”*

—Gordon Clark '07 M.E.M.

alumni programs and events, including one in Maine with special guest Professor Brad Gentry; worked to set up a way for alumni to purchase F&ES swag (*see page 51 for details*); and implemented a number of additional projects for the benefit of alumni, students, and F&ES.

## Alumni Association Board Scholarship

In October, the F&ES Alumni Association Board selected two F&ES master's degree students as this year's recipients of the F&ES Alumni Association Board Scholarship, created in honor of Ruth Allen '72 M.F.S., '77 Ph.D. Ruth was a longtime member of the Alumni Association Board and former Board President who tragically passed away in 2012. She is remembered for her dedication, mentoring, and volunteer service to F&ES alumni, students, and the community as a whole.

This year, the scholarship awards went to Marguerite Harden '16 M.E.M. and Nicholas McClure '16 M.E.M. Both students were recognized for their leadership and exemplary record of volunteer service, especially to the F&ES, Yale, and New Haven communities. The Board awarded each student a \$2,500 scholarship.

## Looking Ahead

In 2015-2016, Brian Goldberg '03 M.E.M. will help ensure leadership continuity by serving for one additional year as Board President, Gordon Clark '07 M.E.M. has taken on a new role as Board Vice President and will become Board President in 2016-2017, and Georgia Silvera Seamans '01 M.E.M. will continue to serve as Board Secretary. We sincerely thank these leaders for their dedication and commitment to the Alumni Association Board.

The F&ES Alumni Association Board has a full slate of activities planned for this upcoming year, including strengthening and expanding the ELM mentoring program, continuing to develop a student-alumni group focused on diversity, developing ways to continue to engage alums who participated in YESS, and continuing its successful Alumni Speaker Series. In addition, the Board will continue to organize and host regional programs and receptions around the country and internationally and explore continuing learning and professional development opportunities for alumni.

The activities of the Alumni Association Board depend on the volunteered time, talent, and enthusiasm of our dedicated Board Members. We are grateful to each of them for their commitment to F&ES and its alumni community.



**Alex Finkral**  
'97 M.F., '05 Ph.D.  
Alumni Association  
Board Member  
Chapel Hill, N.C.

Alex is Chief Forester of The Forestland Group, a timberland investment manager (TIMO) that specializes in naturally regenerating hardwood forests. Prior to joining The Forestland Group, Alex was an assistant Professor of Forest Management at Northern Arizona University's School of Forestry. Currently Alex is also an adjunct faculty member at Virginia Tech and serves on the USDA Forestry Research Advisory Council. He lives with his wife and kids in Chapel Hill, N.C.



**Kris Morico**  
'98 M.E.M.  
Alumni Association  
Board Member  
Denville, N.J.

Kris is the leader of environmental programs for GE, where she is responsible for the development and implementation of associated programs globally. Previously, she was the global leader of water programs in the GE corporate Environmental Health and Safety group for nearly eight years. Kris began her career as a process engineer for the Regional Water Authority and has since assumed a variety of positions across several Fortune 500 companies. She is a licensed professional environmental engineer, board certified environmental engineer (among other certifications), and elected Fellow in the American Society of Civil Engineers. She serves on the advisory board for the UConn School of Civil and Environmental Engineering and is the Vice President/President-elect of the National Association of Environmental Managers (NAEM).



**Joe MacDougald**  
'05 M.E.M.  
F&ES AYA Delegate  
Madison, Conn.

Joe is a Professor in Residence, the Strasser Fellow in Environmental Law, and the Executive Director of the Center for Energy & Environmental Law (CEEL) at UConn Law School. Joe also serves as an Executive Board Member for the Connecticut Institute for Resilience and Climate Adaptation. Joe has held many elected or appointed offices in Madison, Conn., including Selectman and Acting First Selectman, PZC Chairman, and Chairman of the Board of Finance. Prior to joining academia, Joe had a full corporate career as a General Counsel and then President of an international biomaterials company.



**Ben Serrurier**  
'17 M.E.M.  
Alumni Association Board  
Student Representative  
New Haven, Conn.

Ben is a first-year Master of Environmental Management candidate concentrating on clean energy, climate policy, and energy market regulation. Before attending F&ES, Ben was a Policy Specialist with Climate Solutions, a clean energy policy shop in Seattle, Wash. He has advocated for state and federal policies related to electricity generation and transmission, fossil fuel exports, and transportation fuels. Outside of class, Ben enjoys fly-fishing, skiing, and international travel (ideally combined). Ben received a B.A. in Politics and Environmental Studies from Whitman College and in 2014 was named a Young Climate Leaders Network Fellow.

# F&ES HONORS THE CLASS OF 2015 DURING THE SCHOOL'S 114<sup>TH</sup> COMMENCEMENT

The Yale School of Forestry & Environmental Studies celebrated its 114<sup>th</sup> Commencement on May 18, 2015. As part of Commencement, Class Speakers Kate Heller '15 M.E.M. and Heather Carr West '15 M.F./M.B.A. shared the following sentiments with their classmates.



## Kate Heller

'15 M.E.M.

Hello all! I am honored and grateful to share today with all of you. I would like to offer some thoughts on Life and Ritual on this most exuberant of occasions.

### First, ritual.

Because Life is unwieldy, at once short and long, we mark the important parts of its passing with ritual. Rituals, like, say, graduations, provide a framework through which we can take a step back, notice, and reflect. Graduations in particular give us a space to reaffirm culture and community and reflect on all that has led to this point of transition.

Part of what has been wonderful about F&ES has been our myriad rituals. From MODS to veggie dinner, from TGIF to the Talent Show, we as a community know how to take space, come together, and mark the passing of time, usually in joy and sometimes also in sadness.

In my time here, this cohort has experienced births, weddings, and funerals, as people we have loved have entered and exited our lives. We have celebrated and mourned these big events together.

Our ability to solemnize the big moments and celebrate the small ones is part of what makes being at F&ES so special. We have an enormous capacity for joy here. We delight in each other and in the world around us.

In thinking about our rituals, I have also been reflecting on what makes us a tribe and **how we carry that forward**. It is not just a commitment to the environment, because that varies among us. It is more than that. I think we come together around a commitment to Life. And I think that commitment has profound implications.

In one sense, Life is "the period between the birth and death of a living thing." But, what does it mean to be a 'living thing'? The scientific conception holds that life is a characteristic that distinguishes physical entities having biological processes from those that do not. Seems simple enough, but life tends towards the complex. The boundary between alive and not alive is actually unclear. The criteria for life are, as it turns out, ambiguous.

So Life, as far as the best scientific thinkers can tell, is defined by its proxies: growth, movement, reproduction, the capacity for change. Each signals life but all must be present in concert

because none is enough alone. In a sense, then, life is undefinable. It is the uncapturable electron in the cloud. It presupposes any other meaning we layer upon it.

*If Life is undefinable. It is also shared.* This idea is so big and simple that it perhaps seems trite or not meaningful, but if we let ourselves really take in what it means to be defined by an undefinable characteristic that we share with practically everything and everyone else, that is the most overwhelmingly powerful idea I can imagine.

Earlier, I said that rituals are about noticing. Noticing life is not hard, but it does take practice. So, I'd like to invite us all to augment this ritual with a bit more noticing than you perhaps bargained for. I want to ask that you take 10 seconds to remember how alive you are. To feel the breath and blood in your body, the air of the world passing into your cells, the weight of your self. *The undefinable.* Ready? Eyes closed or no, it's your call. Here we go.

Thank you. Now I'd like to ask that you notice the life in each other. *The shared.* Look all the way down your aisle. Give yourself permission to look at everyone behind and in front of you. Be in each other's presence for a moment.

### I'd like to close with a few more thoughts on life, and a hope.

The arcs of our lives only intersect at F&ES for a short while. As we disperse, we will move into different fields and occupy different cultural corners of the world. Some of us will hike for miles to set up camera traps or survey plots, creating new knowledge. Others will work to radically alter corporate supply chains, revalorizing business practice. And we will do everything in between. Whatever our work, if we are supporting, preserving, furthering, studying LIFE, then our very field is the undefinable and the shared. How marvelous.

There are days when the great teeming mystery of the alive will elude us. Maybe on most days. If we do the work we've got cut out for us right and well, it will be hugely challenging. Nothing we make or do will come out perfectly. There are few right choices from here on out. There are just choices. But, if we continue to choose to further life, then that will always be the right choice, though not always the easiest. To my mind, a commitment to LIFE is the most noble, invigorating, and humbling commitment we can make.

Our vitality is shared. My life is enriched by yours. However our paths may weave, my hope for us all is that, in our work as in our rituals, we celebrate the great flourishing bounty of life.

Thank you.



## Heather Carr West

'15 M.F. / M.B.A.

Good afternoon! My name is Heather West and gosh it is good to see so many smiling faces. Thank you to the staff, faculty, and families that are here supporting us today.

I returned to F&ES this year full of hope. My brain was on overdrive thinking about the courses I would take. My legs were itching to get to Yale-Myers to see the forest. And my heart was full thinking about sharing meals with my inspiring classmates.

All of these hopes for the year quickly disintegrated.

On September 9, 2014, I was diagnosed with Stage IV colon cancer. To be honest, September was absolute hell. I was going to the hospital multiple times a day for every type of test you can think of as the doctors poked and prodded at my body, searching for clues. In between these visits, I would show up here, to Kroon Hall, relieved to have time to think about anything other than the tumors growing inside of me. I received my first dose of chemotherapy exactly one month after classes began.

Today, I stand before you not to tell my story but to ask you to think about yours. Where have you been? Where are you now? And where are you going? During my fight with cancer, I have had seemingly endless time to ponder these questions. I have conjured memories from growing up in Davis, California, with my family to find strength. I have devoured stories of the successes of my classmates to find resolve. And I have leaned on an immense desire to continue my story in order to keep fighting.

We talk a lot about resilience in this school: climate resilience, forest resilience, coastal resilience, urban resilience, but what about personal resilience? What about the ability to continue your work in the face of extreme obstacle? What about the willingness of the soul to carry on with so many unknowns? And what about the motivation to take one step forward, even when that step is full of uncertainty?

Stubbornly, I stayed in school this year propelling myself towards graduation with the incredible support of so many people in this crowd today. And I thank you. I chose to do this because I believe there is immense power in stumbling forward with your dreams, even in the face of uncertainty.

And guess what? The big, audacious questions we are trying to answer in our work are ripe with uncertainty. If we don't embrace that uncertainty, we are missing an opportunity. Uncertainty forces you to slow down. It makes you listen to yourself. It makes you listen to others. And it makes you realize more than anything that you need to be able to galvanize the people around you to carry forward with your work.

On this sunny morning in New Haven I am struck by three things:

1. There is no snow! Something I never thought possible back in February.
2. We are all here
3. We are all here together.

I see classmates who will shape our climate policy. I see friends whose research will help propel those policies forward. I see scientists. I see advocates. I see lawyers. I see foresters. I see entrepreneurs. I see writers and poets, architects and health experts.

I see a community.

And I am eternally grateful for that community. However, I want our community to be known for something greater than these categories, these professional titles. I want our community to be remembered as a class that embraced the unknowns. I want to be remembered as a cohort whose patience and humbleness surpassed their need for accolades and awards. And I want to be on a team whose resilience in the face of uncertainty catalyzes solutions to some of the biggest environmental challenges facing our world today.

And I want to be there with each and every one of you, every step of the way.

Cancer defines my daily existence, but it will not define my life. It does not change my past, it will not stop me from supporting my classmates' dreams on a day-to-day basis, and it cannot stop me from imagining a future where I am contributing to the community I see before me today.

And that is all we can really ask of ourselves:

to embrace our past, as the past defines where we are today;  
to take today one step at a time, as today builds towards a future;  
and to humbly imagine that future, and believe above all else that the future is bright.

Thank you, Class of 2015. Go forth!



# FROM THE CLASS OF 2015

## *Faculty and Staff Awards*

One of F&ES's finest commencement traditions is when the graduating students honor those members of the faculty and staff who have distinguished themselves in the students' F&ES experiences. These eight individuals were recognized specifically for the quality of their interactions with students.

### **Excellence in Course Design and Pedagogy Award**

**Awarded to Shimon (Shimi) C. Anisfeld, Senior Lecturer and Research Scientist in Water Resources and Environmental Chemistry**

This award recognized a faculty member for whom teaching is a creative and deliberate process, and a deeply important part of their work at F&ES. Whether the class is one hour or four, this professor is a wizard at keeping students engaged, interested, and curious.

### **Aldo Leopold Award for Land Ethic**

**Awarded to Bradford (Brad) S. Gentry, Associate Dean for Professional Practice, Co-Director of the Yale Center for Business and the Environment (CBEY), and Director of the Research Program on Private Investment and the Environment**

This award recognized a faculty member who exemplifies a commitment to protect our land, water, and air resources. This professor has spent a career in industry and academia working to preserve the natural world, and for this deep commitment to the Land Ethic, he was recognized.

### **Informal Advising Award**

**Awarded to Gordon T. Geballe, Associate Dean for Alumni and External Affairs and Lecturer in Urban Ecology**

This award recognized a faculty member whose door is always open and who goes above and beyond in dispensing advice to students on school, life, or whatever else is topical.

### **Revolutionary Researcher Award**

**Awarded to Nadine Unger, Assistant Professor of Climate Science**

The recipient of this award seeks to expand the knowledge base and discourse of their field, advancing science and policy to effect change.

### **Stellar Student Support Award**

**Awarded to the Career Development Office – Ladd Flock, Director; Kathy Douglas, Associate Director; and Alyssa Student, Assistant Director**

This award recognized a staff member or office that made an exceptional impact on students' ability to realize their academic and professional goals at F&ES.

### **Early Responder Award**

**Awarded to Israel (Izzy) Cordero, Maintenance Assistant, Facilities Office**

This award recognized the staff member who seems to be everywhere, all the time, and available at a moment's notice to troubleshoot a problem and make sure everything goes off smoothly.



## **WILLIAM R. BURCH PRIZE**

During Commencement, Gina LaCerva '15 M.E.Sc. was awarded the inaugural William R. Burch Prize. The prize, which is named in honor of the founder of the School's Tropical Resources Institute (TRI), honors the best paper written by a TRI Fellow. She was awarded the prize for her outstanding research, published in *Tropical Resources*, focused on a bushmeat commodity chain analysis in the Democratic Republic of Congo.

*Liza Comita, Assistant Professor of Tropical Forest Ecology, and William R. Burch Prize recipient Gina LaCerva '15 M.E.Sc.*



Faculty and Staff Award Recipients (clockwise from upper left): Professor Shimi Anisfeld; Professor Brad Gentry; Ladd Flock and Alyssa Student; and Izzy Cordero



## STRACHAN DONNELLEY AWARD

Timothy Brown '15 M.E.Sc. was presented with the Strachan Donnelley Award, which is awarded to the master's degree student who, through a combination of coursework, research, and leadership, best achieves Strachan Donnelley's ('64 B.A.) ideal to blend the humanities with ecology and evolutionary biology, in order to develop relationships between humans and nature that promote long-term health, social justice, and sustainability. He was awarded the prize for his research on the relationship between cultural identity and climate-change skepticism that draws from the natural sciences, social sciences, film, and journalism.

Professor Michael Dove and Strachan Donnelley Award recipient Timothy Brown '15 M.E.Sc.

# F&ES 2015 COMMENCEMENT



*Hyacinthe Nare accepting his diploma from Dean Peter Crane as Joanne DeBernardo, Assistant Dean of Student Services, looks on.*

## MASTER OF ENVIRONMENTAL MANAGEMENT

Alexandra Canepa Alhadeff  
Fahad S. Alidi  
Abraham Hart Allison  
Avana Aimee Andrade  
Melissa Micaela Arias  
Kwokwo Barume  
Ross Zimmer Bernet  
Hasita Bhammar  
Gina Renee Blankenship  
Whitney Jane Boone  
Véronique Bourg-Meyer  
Megan Osterhout Brakeley  
Colin Redmond Brown  
Minna Berry Brown  
Joseph B. Calamia  
Michelle Elizabeth Camp  
Yaping Cheng  
Pooja Chopra  
Jenaleah Rose Clarke  
Kenneth Joseph Cloft  
Kelly Ann Coplin  
Sangay Dorji  
Kristin Catherine Dreiling  
Donald Mario D'Souza  
Stephen Joshua Fain  
Shane Michael Feyers

Yesenia Gallardo  
Snigdha Garg  
Geeta  
Rebecca Brinton Gilbert  
Emily S. Grady  
Zena N. Grecni  
Sarah Dunning Guy  
Christopher MacKay Halfnight  
Alec Gator Halpern  
Katherine Juri Heller  
Angel Hertslet  
Zoraya Hightower  
Peter Crandall Hirsch  
David Jaeckel  
Corey Stephen Johnson  
Danielle Renee Lehle  
Celine Jialing Lim  
Yun-Mei Mariana Lo  
Jorge Enrique Lopez Orendain  
Sophia Zhimei Luo  
Daniel Anthony Macri  
Samuel James Miller-McDonald  
Benjamin Lloyd Morelli  
Donald William Mosteller  
Grant Thomas Mulligan  
Hyacinthe Nare  
Eric Ventura Orozco  
Suzanne Ozment  
Jie Pan

Jong Tae Park  
Maha Sartaj Qasim  
Yiyuan Qin  
Kalani Kosha Rosell  
Carlin Rosengarten  
Clara Welch Rowe  
Sandhya Sameera Savarala  
Cari Shiffman  
Jessie Hoyt Shoemaker  
Kristina Alexis Solheim  
Pamela Soto  
James Richard Stephenson II  
Sarah H. Sugar  
Frances McCadam Les Thomas  
Lindsay Toland  
Katherine Artemis Tsantiris  
Marley Christine Urdanick  
Eric Vermeiren  
Jessica Anne Webb  
Amy Jordan Weinfurter  
Alexis Weintraub  
Carley R. Wigod  
Sarah Kathleen Freel Wilder  
Aaron Sherman Willis  
Verner Stor Wilson III  
Emily Ann Wright  
Sophie Lowe Young  
Robert F. Youngs  
Miranti Triana Zulkifli



**MASTER OF ENVIRONMENTAL SCIENCE**

Kelly Sue Aho  
 Dana Mellett Baker  
 Uma Niharika Bhandaram  
 Timothy Willard Brown  
 Sarah Austin Casson  
 Katharine R. Cooper  
 David Joseph Xavier Gonzalez  
 Simon John Gore  
 Dawn Henning  
 Linda Katherine Holcombe  
 Tianjun Hou  
 Bryce Sibley Kellogg  
 Catherine D. Kuhn  
 Gina Rae La Cerva  
 Sarah Anne Mead Lupberger  
 Tara Kelly Meyer  
 Jamie Kathryn O'Connell  
 Selena Teruko Pang  
 José Carlos Pons Ballesteros  
 Madeleine Anne Rubenstein  
 Margaret Elizabeth Sackrider  
 Jeffrey Robert Smith  
 William Colby Tucker  
 Emily Rebecca Zink

**MASTER OF FOREST SCIENCE**

Heri Hermawan  
 Philip Bradish Kunhardt IV  
 Elizabeth Hale Morrell  
 Devin Cranford Routh  
 Jaeun Sohng  
 Matheus Teixeira Pires Do Couto

**MASTER OF FORESTRY**

Katherine Marie Beechem  
 Karin Rose Bucht  
 Chan Chung Leong  
 Akiva Noam Fishman  
 Meredith Macrae Flannery  
 Ayumi Hara  
 Benjamin Armstrong Hayes  
 Vinh Q. Lang II  
 Anthony Michael Mecum  
 Rachel Joanne Plawecki  
 Blair Stevens Rynearson  
 Logan E. Sander  
 Frances Elizabeth Sawyer  
 Luke Mathias Weiss

**YALE JOINT DEGREE GRADUATES****MASTER OF ENVIRONMENTAL MANAGEMENT/MASTER OF ARCHITECTURE**

Elisa Iturbe  
 Rushyan Yen  
 Sheena Shiyi Zhang

**MASTER OF ENVIRONMENTAL MANAGEMENT/MASTER OF PUBLIC HEALTH**

Malia Joy Carpio

**MASTER OF ENVIRONMENTAL MANAGEMENT/MASTER OF ARTS – GLOBAL AFFAIRS**

Sarah Tolbert

**MASTER OF ENVIRONMENTAL MANAGEMENT/MASTER OF BUSINESS ADMINISTRATION**

Brendan Vidal Edgerton  
 Marissa Galizia  
 Susannah Harris  
 Elizabeth Horvitz  
 Nicholas Sward Kline  
 Michael Mack Woods-Puckett  
 Sarah Lynn Wilson

**MASTER OF ENVIRONMENTAL SCIENCE/MASTER OF BUSINESS ADMINISTRATION**

David Samuel Emmerman  
 Stephanie L. Johns

**MASTER OF FORESTRY/MASTER OF BUSINESS ADMINISTRATION**

Heather Carr West  
 Logan Yonavjak

**MASTER OF ENVIRONMENTAL MANAGEMENT/JURIS DOCTOR**

Leslie Nicole Couvillion

At Commencement, each graduate was given a pin of the F&ES shield following receipt of their diploma. The pinning ceremony, shown in the photo on the left, welcomed new graduates as members of the F&ES Alumni Association and our global network of alumni. F&ES Alumni Association Board Vice President Nicole Chevalier '99 M.E.S. presided over the pinning ceremony.



*"I've enjoyed coming back to campus for the pinning ceremony of the new F&ES graduates. It is amazing to hear their accomplishments individually and as a class and to celebrate their special day with them. It's a privilege to welcome them into the alumni community knowing they will impact this world in inspiring ways."*

–Nicole Chevalier '99 M.E.S.



Advisor Professor Os Schmitz, Ph.D. Recipient Jennifer Rose Bunnell Miller, and Dean Peter Crane.



Advisor Professor Chad Oliver '70 M.F.S., '75 Ph.D., Ph.D. Recipient Alark Saxena, and Dean Peter Crane.

## DOCTORS OF PHILOSOPHY

### Agha Ali Akram

*The Economics of Water Resources: Essays on Drinking Water Quality and Irrigation Water Use*

Advisor: Professor Robert Mendelsohn

### Noel Aloysius

*Impacts of Climate Change on Water Resources in Tropical River Basins: The Case of the Congo*

Advisor: Professor James Saiers

### Peter Christensen

*Essays on Urban Growth and Public Goods in the Setting of Rapid Urbanization*

Advisor: Professor Karen Seto

### C. Anne Claus

*Drawing Near: Conservation by Proximity in Okinawa's Coral Reefs*

Advisors: Professor Michael R. Dove and Professor William Kelly  
Combined Anthropology and F&ES  
Ph.D. degree

### Jennifer Gaddis

*Fit to Feed: Labor, Ecology, and the Remaking of the National School Lunch Program*

Advisor: Professor Karen Hébert

### Dana J. Graef

*Isles of Green: Environmentalism and Agrarian Change in Costa Rica and Cuba*

Advisors: Professor Michael R. Dove and Professor Enrique Mayer  
Combined Anthropology and F&ES  
Ph.D. degree

### Troy Derek Hill

*Sediment and Vegetation Dynamics in Coastal Wetlands of Connecticut and New York, USA*

Advisors: Professor Gaboury Benoit and Professor Shimon Anisfeld

### Elaine Rosamond Hooper

*The Effect of Forest Fragmentation on the Biodiversity, Phylogenetic Diversity, and Phylogenetic Community Structure of Seedling Regeneration in the Central Amazon: Area Effects and Temporal Dynamics*

Advisor: Professor Mark Ashton

### David Kneas

*Substance and Sedimentation: A Historical Ethnography of Landscape in the Ecuadorian Andes*

Advisors: Professor Michael R. Dove and Professor K. Sivaramakrishnan  
Combined F&ES and Anthropology  
Ph.D. degree

### Kathryn Richards-Hrdlicka

*A Genomic Approach to Finding and Understanding How the Amphibian Chytrid Fungus is Genetically Structured in Northeastern America*

Advisor: Professor Jeffrey Powell

### Jennifer Rose Bunnell Miller

*Examining Predation Risk as a Guide for Mitigating Large Carnivore Attacks on Livestock*

Advisor: Professor Oswald Schmitz

### Nedal T. Nassar

*Global Stocks and Flows, Losses and Recoveries of Platinum Group Elements*

Advisor: Professor Thomas E. Graedel

### Sarah Rae Osterhoudt

*The Forest in the Field: The Cultural Dimensions of Agroforestry Landscapes in Madagascar*

Advisors: Professor Michael R. Dove, Professor Charles Peters, and Professor K. Sivaramakrishnan  
Combined F&ES, New York Botanical Garden, and Anthropology Ph.D. degree

### BinBin J. Pearce

*Phosphorus Cycles in Urban Systems and Implications for Sustainable Urban Resource Management*

Advisor: Professor Marian Chertow

### Stefan Renckens

*Regulating Transnational Private Governance: Domestic Interests, Market Fragmentation, and Institutional Fit in the European Union*

Advisor: Professor Benjamin Cashore

### Alark Saxena

*Evaluating the Resilience of Rural Livelihoods to Change in a Complex Social-Ecological System: A Case of Village Panchayat in Central India*

Advisors: Professor Robert Bailis and Professor Chad Oliver

### Lei Zhao

*Natural and Anthropogenic Contributions to Urban Heat Islands*

Advisor: Professor Xuhui Lee





**CONGRATULATIONS TO  
THE CLASS OF 2015!**  
*Welcome to our Newest F&ES Alums!*





# HONOR ROLL

We are pleased to honor alumni and friends of the Yale School of Forestry & Environmental Studies who made gifts to the School between July 1, 2014, and June 30, 2015. We also wish to recognize the corporations, foundations, and organizations that have provided their generous support to the School.

## F&ES ANNUAL FUND GIVING SOCIETIES

### 🌲 Othniel C. Marsh Associates

\$5,000 donation and above in fiscal year 2014-2015.

### 🌲 Sand County Society

\$1,000–\$4,999 (\$500–\$4,999 for last ten graduating classes) in fiscal year 2014-2015.

### 🏔️ Great Mountain Society

Beginning with the Class of 2013, the Great Mountain Society was established to recognize the importance of consistent donors. Alumni who made a contribution to their graduating Class Gift in support of the Annual Fund will become a member of the Great Mountain Society (GMS) by making an Annual Fund gift the following year, and will remain in GMS if they continue a perfect record of annual giving. GMS members will be recognized at their five-year Reunion.

## 1907

David T. Mason\* 🌲

## 1950

William F. Cowen, Jr.  
Robert O. Brandenberger  
Theodore Natti  
John C. Watt

## 1951

Peter Arnold  
Lester E. Bradford  
John L. Christie 🌲  
Robert O. Curtis  
Robert W. Eisenmenger  
Gerald D. Fitzgerald  
Donald S. Page  
Lewis C. Peters

## 1952

Robert S. Bond  
Eugene M. Carpenter  
John R. Skeele  
Hermann C. Sommer  
William I. Stein

## 1953

Eric L. Ellwood  
Susannah C. Jones  
John F. Miller  
Earl W. Raymond  
Oakleigh Thorne II

## 1954

James H. Brown 🌲  
Robert R. L. Guillard  
Gordon Hall III  
Donald J. Miller  
Jack R. Mulholland  
Roy D. Whitney  
Robert L. Youngs

## 1955

David R. Houston  
George R. Lamb  
Daniel P. Loucks  
Wee Yuey Pong  
Lawrence B. Sunderland  
Kenneth G. Weston  
Donald K. Whittemore

## 1956

David E. Baker  
Douglas M. Crutchfield  
Patrick J. B. Duffy  
Kirk P. Rodgers 🌲  
Jack A. Rose

## 1957

Gertrude E. Huntington  
George W. Wendel

## 1958

Rolf W. Benseler  
Evar L. Knudtson  
Ernest A. Kurmes  
William G. Rogers II  
George R. Stephens Jr. 🌲  
John P. Vimmerstedt  
Gordon F. Weetman

## 1959

Robert E. Adams  
Richard H. Arps  
Hans T. Bergey  
Donald S. Girton

## 1960

Gregory Neil Brow  
Thomas J. Byrne  
Thomas N. Fearnley  
Peter Robert Hannah  
Lee Herrington  
Peter M. Huberth  
David H. Scanlon III 🌲

## 1961

William W. Alcorn  
Paul M. Haack  
Normand Methot  
Lee N. Miller  
Javier Moro 🌲  
James A. Rollins  
R. Scott Wallinger 🌲  
Malcolm John Zwolinski

## 1962

Roger P. Belanger  
Soonthorn Bhothigun  
Gordon M. Heisler  
C.H. Anthony Little  
Charles N. Lowrie III  
Lawrence O. Safford  
Roland K. Tiedemann  
Robert C. Van Aken  
Carel L.H. Van  
Vredenburg 🌲  
John C. Zasada

## 1963

Henry F. Barbour  
Julian R. Beckwith III  
Philip O. Frazer  
Joseph W. Gorrell  
Yan Bohumil Linhart  
R. Douglas S. Macdonald  
Robert N. Mowbray  
Leo Sayn-Wittgenstein  
William Hulse Smith  
Joseph R. Womble

## 1964


Allan Richard Applegate  
Frank G. Bock Jr.  
Read Charlton  
Gerald R. Conley 🌲  
Stephen J. Hanover  
Douglas A. MacKinnon  
Kenneth J. Mitchell 🌲  
Bradford W. Monahan  
H. Phillip Sasnett

## DONOR SPOTLIGHT:


### Penni Sharp '79 M.F.S.

Penni Sharp, an alumna of the F&ES mid-career degree program who died in December 2014 (obituary in Spring 2015 *CANOPY*), was well known throughout New England for her integrity as a consulting biologist, her plant identification skills, her prize-winning honey, and her quiet service to numerous organizations. F&ES was fortunate to be one of them. As a Class Agent for the F&ES Annual Fund for more than two decades, Penni wrote personal notes to her classmates encouraging them to join her in donating to the Fund, thanked them for their gifts, and, along with her husband, Greg Sharp '69 M.F.S., contributed each year at the Sand County Society leadership giving level. Through her work as a volunteer at several nonprofits, Penni understood the value of unrestricted annual giving, which allows leaders the flexibility to respond to new opportunities as they arise. When word came this summer that Penni had remembered F&ES in her will, with an unrestricted bequest to the Annual Fund, it was yet one more thoughtful demonstration of Penni's belief in the School and its mission.


"Penni loved her time at F&ES and the community of alumni that surrounded her in her professional life. The education and support she received at the school, especially the mentoring she received from the late Tom Siccama during her student days and after, changed the trajectory of her life. The F&ES education gave her the tools to pursue her passion for the natural world in both her professional and personal life. She wanted to be sure that the School would remain strong and be able to provide the same excellent education to current students that we both enjoyed. In addition to giving to strengthen the School's educational program, we both believed in providing support to allow the school to continue to make financial assistance available to promising students. In my case, in particular, scholarship support was essential to pursuing my M.F.S. degree."—Greg Sharp '69 M.F.S.

G. Wade Staniar  
John G. Worrall 

**1965**

Hollis W. Barber Jr.  
William Blankenship Jr.  
John E. Blouch  
John B. Casteel  
Michael S. Greenwood  
Alan W. Haney  
Robert Philip Kreidler  
Richard C. Schlesinger  
Guy L. Steucek 

**1966**

Edward A. Arens   
S. Gene Day  
William G. Horn Jr.  
James K. Lyle  
Robert E. Schweitzer  
William J. Shirley  
Alden M. Townsend

**1967**

Reginald B. Elwell Jr.  
Gordon A. Enk  
Robert W. Hintze  
Peter W. Ludwig  
Wyllys Terry III  
A. Bradford Wyman




**1968**


Richard R. Buech  
Lawrence K. Forcier  
Andrew L. Johnson  
Raymond J. Kordish  
Martin Lugas  
Peter L. Marks  
Claude H. O'Gwynn  
Hardy L. Pearce  
Donald G. Schall

**1969**

Henry Warren Art  
Earle D. Bessey III  
Davis Cherington  
Ah Chun Chu  
Raymond D. Clarke  
Diana Starr Cooper   
Harry L. Haney Jr.  
David T. Harvey  
Gregory Alan Sharp 

**1970**



Whitney A. Beals   
Donn E. Critchell   
Douglas M.H. Ferng  
Joseph L. Horowitz 

Mack H. Jenkins   
William A. Lansing  
Steven C. Maurice  
Wan Hin Ooi  
William H. Parker  
Thomas L. Smith  
John F. Tinker


**1971**

Joseph L. Deschenes  
Michael W. Finkbeiner  
Katharine B. Grantham  
Coleman Holt  
Donald R. Korbobo  
James D. Okraszewski  
S. Tahir Qadri  
Alfred L. Scopp  
Douglas G. Sprugel




**1972**

George F. Ames  
John M. Brink  
H. Calvin Cook  
Robert A. Hart  
Jerry M. Melillo  
David P. Miller   
Philip E. Nemir  
Priscilla P. Newbury  
William K. Newbury  
Richard Porterfield  
Thomas G. Robinson  
Matthew S. Rosen  
Oscar G. Traczewitz II  
John C. Welker  
Stephen R. Wells  
Timothy E. Wood 




**1973**

John D. Aber  
Lauren E. Brown  
John C. Cannon  
Robert H. Cashel  
Clyde H. Cremer  
Roy W. Deitchman  
Thomas J. Dunn Jr.  
Deborah Brooks Hill  
Samuel G. Hopkins  
Milos Krnajski Jovic  
Roy Mendelssohn   
Dennis R. Perham  
A. Mark Rasmussen  
Mary K. Reynolds  
Ruth M. Shane  
Edward L. Spencer  
Kathryn Snider Stockwell  
Mark E. Triebwasser  
Richard F. Wildermann

**1974**

Catherine E. Badgley  
Spencer B. Beebe  
Frances Beinecke   
Gary E. Belovsky  
William G. Constable   
Nancy F. Ehorn  
Andrew W. Ezell  
Daralynn E. Gordon  
Leah K. Hair   
Gerard J. Hennessey  
Leonard A. Lankford Jr.  
R. A. Lautenschlager  
Norman A. No  
Katharine M. Preston  
Judith M. Stockdale  
Paul S. Wilson  
Bradford W. Wyche

**1975**

Stark Ackerman  
Jennifer Slade Belovsky  
Richard A. Brown  
Larry E. Burd  
Alyn Robinson Caulk  
Leslie N. Corey Jr.  
Phillip C. Dibner   
Anne S. Fege  
Diddahally R. Govindaraju  
Evan S. Griswold   
Suzanne M. Kilner  
Patrick T. Lee  
Stephen M. Levy  
Hallie R. Metzger  
Diane L. Renshaw   
Douglas F. Ryan  
Stephen Shotland  
George B. Weir  
Arthur B. Weissman

**1976**





Thomas Barounis  
Philip W. Conkling  
Susan D. Cooley  
Bruce A. Fernald  
Joel S. Flagler  
Alexandra C. Goelet   
Kathleen M. Ligare  
John E. Lundquist  
Thomas M. Marino  
Kathleen McNamara   
John P. McTague  
M. Anne Peters  
Colin S. Peterson  
Alan F. Poole  
Virginia M. Reilly  
Eric E. See  
Robert S. Seymour

Orville M. Tice  
William E. Timko

**1977**

Keith B. Aubry  
Leon E. Bucher  
Javade Chaudhri   
Jonathan Falk  
William T. Glidden Jr.  
Kirk R. Hall  
Steven P. Hamburg  
William A. Hanson  
Charles E. Hewett  
Peter S. Homann  
Tracy Ralph Kay  
Pamela Kohlberg   
James F. Mackie   
Andrew O. Melnykovych  
Howard S. Neufeld  
Joanne R. Polayes   
Robert C. Rooke Jr.   
Joann P. Roskoski  
Stuart C. Ross  
Lawrence M. Schaefer  
Robert M. Spivey  
Kathryn A. Troll  
George C. Wheelwright  
Brooke Myers Wickham

**1978**

Carol A. Aubry  
Ellen K. Baum  
Edward O. Becker  
Rebecca E. Bormann  
Susan P. Curnan   
William C. Davis  
Johannes H. Drielsma  
Peter John Falco  
Robert S. Gipe  
Rosine W. Hall   
John R. Hoffnagle  
Edward A. Hogan  
Patricia H. Korotky  
Thomas A. Kuekes  
Bruce C. Larson  
Michael D. Rees  
Regina M. Rochefort  
Kenneth L. Rosenbaum  
Thomas A. Rumpf  
Ralph C. Schmidt   
Andrew M. Schwarz  
Loring La Barbera Schwarz  
Louise P. Sclafani   
James M. Sempere  
David Wentworth

HONOR ROLL

1979

Charlotte F. Belsler  
 Christopher N. Brown  
 John A. Carey  
 Dorothy K. Faulkner  
 Neil Hendrickson  
 Pierre Lafond  
 Patricia S. Leavenworth  
 Hon. James R. Lyons 🌲  
 Robert B. McKinstry, Jr. 🌲  
 Martha E. Okie  
 Robert T. Perschel  
 Marcia J.K. Peters  
 Hope Pillsbury  
 Elizabeth L. Rich  
 Margaret N. Schneider  
 Penelope C. Sharp\*  
 Martha A. Tableman

1980

Anonymous (1)  
 Natasha Atkins  
 Susan M. Braatz 🌲  
 Starling W. Childs II  
 Robert D. Comer  
 Virginia F. Kearney  
 Richard G. Kelley Jr.  
 David Kittredge Jr.  
 Thomas McHenry 🌲🌲  
 Thomas D. Mordecai  
 Charles Nilon  
 W. Kent Olson  
 Curtis G. Rand  
 Frances M. Rundlett  
 Sara B. Schreiner-Kendall 🌲  
 Susan Shen 🌲  
 Linda K. Silberstein 🌲  
 Laura K. Snook 🌲  
 Jane E.S. Sokolow 🌲🌲  
 Keith D. Stewart  
 Steven H. Strauss  
 Carol Zimmerman

1981

Alan W. Belcher  
 James M. Caffrey  
 Amy L. Catterton-Janovsky  
 Ann H. Clarke  
 Louise Richardson Davis  
 Martha Davis  
 Patricia A. Donohoe  
 Michael Ferrucci  
 Thomas Gaman  
 Betsy Jewett 🌲  
 Susan Fitch Kelsey  
 Elizabeth D. Mullin  
 Gail K. Reynolds  
 James R. Runyan  
 Keith D. Tait  
 Carol E. Youell

1982

Susan Becker-Jacob  
 Michael Bell  
 Peter A. Cardellicchio  
 Paula Daukas  
 Jonathan P. Davis 🌲  
 Michael P. Dowling 🌲🌲  
 Deborah Reichert Finley  
 Gro Flatebo  
 Phillip C. Lende Jr.  
 Keio Maeda  
 Diane Mayerfeld  
 Michael G. McGuinness  
 Benjamin L. Niles  
 Marie Z. Nolan  
 Ross M. Povenmire  
 Daniel F. Reynolds  
 Robert S. Ridgely  
 Silvia Strauss-Debenedetti  
 Robert Turnage  
 Hazel F. Tuttle  
 Thomas James Walicki  
 Nathaniel B. Whitcombe  
 Kent W. Wommack

1983

Susan M. Babcock 🌲🌲  
 Louis J. Bacchiocchi  
 Stephen P. Broker  
 Guillermo Castilleja 🌲  
 Josephine M. Corcoran  
 Daniel W. Fort 🌲  
 David Gewirtz  
 Peter T. Hazlewood  
 Jean M. Maloney Johnson  
 John A. Parrotta 🌲  
 Jennifer Cross Peterson  
 David E. Reeves  
 Gregg D. Renkes  
 James W. Rue  
 Denise Schlener  
 Jim Daniel Serfis  
 Elizabeth W. Swain  
 Kathleen C. Weathers  
 Frederick J. Weyerhaeuser 🌲

1984

James R. Anderson  
 Alan C. Carey  
 Thomas O. Crist  
 Barbara B. Dowd  
 Frances F. Dunwell  
 Rosemary N. Furfey  
 M. Elizabeth Gillelan  
 Rose H. Harvey 🌲🌲  
 Leah V. Haygood  
 Kris M. Horiuchi  
 Mark John Kern  
 Chun K. Lai  
 Cara Lee  
 Peter B. Maxson 🌲  
 Eva U. Muller  
 A. Sharon Hamby O'Connor  
 Bruce A. Phillips 🌲

Martha C. Stoney  
 Maryla E. Webb  
 Timothy R. Williams 🌲

1985

Peter Mark S. Ashton 🌲🌲  
 Brent Bailey  
 Dorene A. Bolze  
 Richard L. Boyce  
 Alexander R. Brash 🌲  
 Ian R. Cameron  
 Robert E. Clausi  
 James S. Coleman  
 Haydi Boething Danielson  
 Christopher M. Donnelly  
 Mark Damian Duda 🌲  
 John E. Earhart 🌲🌲  
 Caroline S. Eliot  
 Edward H. Elliman  
 James J. Espy Jr.  
 Lynne Wommack Espy  
 Deborah Fleischer  
 James B. Friday  
 Kathleen S. Friday  
 Tara Gallagher  
 Lawrence H. King 🌲🌲  
 Catherine A. McConnell 🌲  
 Lesley A. Morgan-Thompson  
 Jonathan W. Nute 🌲  
 Cameron H. Sanders Jr. 🌲  
 Edward I. Stabb  
 David B. Steckel  
 Whitney C. Tilt  
 Mark J. Twery

Henry L. Whittemore  
 Stephen Young

1986

Kenneth J. Andrasko Jr.  
 Peter P. Blanchard III 🌲  
 Sarah L. Brichford  
 Eric E. Carlson  
 Mark R. Dillenbeck  
 Thomas R. Duffus  
 Elliott L. Gimble  
 Daniel M. Hellerstein  
 Nan L. Jenks-Jay  
 Asmeen M. Khan  
 Bruce H. Leighty  
 Brenda R. Lind  
 Betsy Ann McGean  
 Robert M. Moore  
 Caroline Norden  
 Robert E. Unsworth 🌲

1987

Karl A. Beard  
 Christie Anna Coon  
 Julie Dunlap  
 Elizabeth Hyde Moore  
 Annette S. Naegel  
 Arvid R. Nelson  
 Michael A. O'Connell  
 Melissa Paly  
 John Patrick Phelan  
 James H. Pissot  
 Christopher E. Pratt  
 Kathleen M. Rorison

DONOR SPOTLIGHT:  
 John Earhart '85 M.F.

When the Tropical Resource Institute (TRI) celebrated its 30th anniversary last year, alumnus John Earhart decided the time was right to make a second major gift to TRI's endowment, which supports student research projects in the tropics. For John, it was not only an opportunity to add to the endowment he generously started in 1989, but also a chance to inspire others to support TRI through a matching challenge. F&ES alums and friends responded by raising more than \$250,000 for TRI and tropical forestry scholarships and research. This level of support was no surprise given TRI's long history at F&ES. Since 1984, more than 600 F&ES students have benefitted from TRI summer fellowships, many of whom went on to pursue careers in natural resource management as John did himself, co-founding the Global Environment Fund (GEF) in 1990, and today, overseeing GEF's forestry investment activities. As a trained forester who has lived for many years in Latin America, TRI was a natural opportunity for John to make a difference in the lives of F&ES students, and in tropical forests and landscapes.

"After living and working for many years in South America, I've developed a strong interest in tropical forests and a life-long desire to protect them through environmentally sustainable investments," Earhart said. "My gift to TRI on its 30<sup>th</sup> anniversary was a chance for me to support F&ES's mission to help train the next generation of tropical foresters and researchers who will continue to steward these precious natural resources in the future."—John Earhart '85 M.F.




Joshua L. Royte  
Steven Taswell  
Jonathan G. Wingerath


**1988**

Jennifer H. Allen  
Anne Buckelew  
Robin Gale Cash  
Martin Christ  
Peter Michael Connorton  
Randall H. Downer  
Pieter W. Fosburgh   
Stephen C.N. Gorman  
Anthony C.W. Irving  
Brian Roy Lockhart  
Cristin Gallup Rich   
Carlos Rodriguez-Franco  
Judy Lynn Stone  
Holly Page Welles 


**1989**

Jennifer Aley  
Jeffrey R. Bopp  
Anthony Boutard  
Elizabeth Pardee Carlson  
Kate Elizabeth Heaton   
Cyril John May  
Sara J. Nicholas  
Javier Mauricio Perez  
Laurie Reynolds Rardin  
Allen Joseph Reilly Jr.  
Mary Katherine Rourke  
Dave Trynz Tobias  
James Chesnut Williams  
John Stewart Wright

**1990**



Mary Ann K. Boyer  
Melissa M. Grigione  
Alan E. Haberstock  
Judy G. Olson Hicks  
Leslie J. Hudson  
Peter Taber Jenkins  
Peter Hobart Jipp   
Kristie N. Kapp  
Thomas Edward Kelsch  
Jennifer Lamb  
Nicholas Raymond  
Simmons  
Catherine Bealle Statland  
James Robert Waltman

**1991**




Susan D. Brodie  
Jane Coppock  
Gillian T. Davies  
James H.E. Fosburgh  
Helmut Gieben  
Anthony J. Gordon  
Jennifer Greenfeld  
Susan B. Hodgson  
Annette Huddle  
Joan B. Kelsch  
Edward Kennedy Jr.  
Douglas J. Lober 

Betsy W. Lyman  
Anne S. Marsh  
Sarah J. Pick  
Kristin Ramstad  
Peter T. Schuyler  
Jennie Wood Sheldon  
Kalyan Sivaramakrishnan  
Alexandra E. Teitz  
Carroll Yandell

**1992**


Anne E. Black  
Donald Thomas Chen  
Charles H. Collins   
Peyton C. Griffin  
Jefferson S. Hall  
Lisa K. Lumbao  
Robin L. Maille  
Joan Bresnan Popowicz  
Pamela Lichtman Reading  
Mary Rowen   
James N. Sheldon  
Leigh Winters Shemitz  
Saroj Sivaramakrishnan  
Townsend S. Swayze  
Gary M. Tabor  
Mary B. Verner  
Staunton Williams Jr.

**1993**




Mary Christine Angelo  
Brad H. Auer  
Cynthia M. Barakatt  
Elana E. Cohen  
Susan Helms Daley  
Joshua G. Foster  
Katharine Elsom Frohardt  
Mark S. Frohardt  
Molly! G. Goodyear  
Kathleen M. Hooke  
Daniel H. Hudnut  
Paul L. Jahnige  
Dexter C. Mead   
Lois L. Morrison   
John M. Norwood  
Jefferson Wolfe Tone  
Margaret D. Williams   
Timothy J. Wohlgenant

**1994**

Brooke J. Barrett  
Oliver D. Barton  
Thomas E. Brendler  
Mark T. Bryer  
Jane L. Calvin  
Eliza J. Cleveland  
Marlene B. Cole  
Elizabeth H. Conover  
Gregory D. Corbin  
Javier L. Dominguez  
Amity A. Doolittle  
Anne Paddock Downey  
Mary Jensen Eddy  
Charles T. Enders  
James F. Fitzgerald

Stephanie R. Flack  
Tad S. Gallion  
Catherine C. Garnett  
David L. Goldblatt  
Steven A. Harrington  
Mark D. Hengen  
Harriet B. Honigfeld  
A. Felton Jenkins III  
Erik Kulleseid  
Mary K. Mackey  
Elizabeth Hayes McGraw  
Michael D. Moffat  
Sean Murphy  
James N. Nash  
David Mendl Nemerson  
Thomas Warren Ostrom  
Donald K. Redmond  
William A. Root IV  
Nicholas A. Shufro  
Melissa M. Spear  
William E. Stevenson  
Eileen Cates Stone  
Graham L. Trelstad   
Diana K. Wheeler  
Jane M. Whitehill  
Jessica Bennett Wilkinson

**1995**





Ellen Tarrant Aikenhead  
Richard L. Blaylock   
Nina I. Rooks Cast  
Lisa O. Fernandez  
Kerry Anne Fitzmaurice  
Robert J. Goldstein  
Marie J. Gunning  
Cassandra J. Hopkins   
Johann Heinrich Jessen   
James Paul Jiler  
Lindsey Brace Martinez   
Adam Robert Moore  
Tetsuro Mori  
Kenneth D. Pruitt  
Stuart W. Staley   
Kristen Margaret Steck

**1996**

Thomas T. Ballantine  
Gary C. Barrett  
Benjamin H. Becker  
David G. Casagrande  
Stephen V. Dunn  
Gary W. Dunning  
Paulette S. Frank   
Elisabeth J. Grinspoon  
Derek E. Halberg  
Jared J. Hardner  
Namrita Kapur  
Stephen P. Keim  
Adrian Leighton  
Christopher C. Lotspeich  
Edmond D. McCarthy  
Rachel Husted O'Malley  
Alison A. Ormsby  
Edmund E. Peck

Thomas A. Poczalski Jr.  
Theodore R. Schwartz  
Brent L. Sohngen  
Maria Von Der Pahlen  
Edward M. Walsh  
Pamela A. Weiant  
Rhonda K. Williams  
Luise A. Woelflein

**1997**

Anonymous  
Nancy Osterweis Alderman   
Thomas Anthony Baginski  
Jonathan Solomon Barron  
Christina M. Cromley Bruner  
Heng-Jui Chang   
Ellen G. Denny  
Alexander M. Evans  
Alex Jay Finkral  
Kelly Jean Keefe  
Jonathan Kohl  
Sally Tinker Milliken  
Shauna Alexander Mohr  
Astrid Ute Palmieri  
David A.K. Pinney  
Shalini K. Ramanathan  
Scott Frederick Rehmus   
Tolan Doak Steele  
Darius S. Szewczak  
Mary L. Tyrrell  
Helene H. Wade  
Alden M. Whittaker  
Erik M. Wohlgemuth   
Peter Lawrence Yolles

**1998**

Anonymous  
Jeffrey Neal Adams  
Nadine E. Block  
Claire M. Corcoran   
Jessica Davenport  
Kira Sawchuk Drummond  
Christopher M. Elwell  
Todd A. Forrest  
Timothy Clarke Fritzing   
Bruce W. Hammond  
Megan R. Hammond  
Xinzhang Hu  
Dirk Ludwig  
Elliot E. Mainzer  
Kristin Morico   
Evan L. Preisser  
Frances Raymond Price   
Brian J. Rod  
Manrique Rojas Araya  
George T. Silva  
Joseph L. Taggart   
Brian C. Watson

**1999**

Kirsten Prettyman Adams  
James Barborak  
Jennifer R. Baxter  
Stephanie L. Campbell  
Elizabeth Bennett Carroll

HONOR ROLL

Nicole Smith Chevalier  
 Bryan C. de Ponce  
 Andrea Cristofani Geurts  
 M. Anders Halverson 🌲  
 Rachel C. Hampton  
 Jennifer R. Heintz  
 Andre Thierstein Heinz  
 Maria H. Ivanova  
 Robert Jason Klee  
 Heidi Elizabeth Kretser  
 Allyson Brownlee Muth  
 Norris Zachary Muth  
 Brian P. O'Malley  
 William C. Price 🌲  
 Jennifer M. Garrison Ross  
 Eli Samuel Sagor  
 Suganthi Simon  
 Laurel J. Stegina  
 Charles H. Thompson  
 Laura L. Williams

2000

Joyce K. Berry  
 Valerie Clare Bodet  
 Sylvia M. Busby  
 Maureen O. Cunningham  
 Bryan Thomas Garcia 🌲  
 Caroline Garrity Kuebler  
 Katherin Marie McArthur  
 Ashley Prout McAvey  
 Heather Joy McGray  
 Sarah J. Morath  
 Anne Todd Osborn 🌲  
 Jason Richard Patrick  
 Carlos V. Pineda  
 Steve Rhee 🌲  
 Dylan T. Simonds 🌲  
 Gregory Frazier Socha  
 Janet C. Sturgeon  
 Rebecca R. Turner  
 Harry Edward White  
 Scott C. Williams  
 Alice J. Wolfe

2001

Kristal Racasa Aliyas  
 Donna Duckjwa An  
 Elizabeth S. Baker  
 Michael Anthony Benjamin  
 Eric G.N. Biber  
 Andrea Brewer-Anderson  
 Kristen V. Clothier  
 John Edward Daly  
 David S. Ellum  
 Mary Elizabeth Ford  
 Herrick Sanford Fox  
 Uromi Manage Goodale  
 Peter John Hill  
 Marjorie Huang  
 Stephanie Hanna Jones  
 Christian F. Kemos  
 Pia Marili Kohler  
 David W. Newcomer V  
 Colin Casey O'Brien

Valerie F. O'Donnell  
 Michel Woodard Ohly  
 Ramsay Michel Ravenel  
 Abigail Bagasao Sarmac  
 Georgia Silvera Seamans  
 Sasha Silver 🌲  
 Anna Birgitta Viggh  
 Ray Ken Wan  
 Bruce Eugene Westerman

2002

Kimberley M. Awbrey  
 Christian H. Binggeli  
 Yenyen Felicia Chan  
 Kimberly Day Danley  
 Peter Jon Deschenes  
 Matthew W.R. Eddy  
 Derik R. Frederiksen  
 John Francis Homan IV  
 John Bradley Hunter  
 Elizabeth Robertson Levy  
 Jennifer Morgan Linn  
 John Pullman Longstreth  
 Martin L. Mador  
 Alfred Joseph May Jr.  
 Laura Phyllis Meadors  
 Douglas C. Morton  
 Christopher David Nelson  
 Colleen M. Ryan  
 Jill Ferguson Trynosky

2003

Nicole M. Ardoin  
 Weslynn S. Ashton  
 Charles Andrew Brunton  
 Nathaniel Webster Carroll  
 Ian Lindsey Cheney  
 Daniela F. Cusack  
 Melanie Ann Cutler  
 Maria Ana de Rijk  
 Stephen Paul Dettman  
 Jason John Drebitko  
 Brian S. Goldberg  
 Oliver J. Grantham  
 Alexander N. Gritsinin  
 Benjamin David Hodgdon  
 Peter Christopher Land  
 Kelly E. Levin  
 Curtis H. Robinhold  
 Megan Elizabeth Roessing  
 Samantha Gayle Rothman  
 Glen Eric Van Zandt  
 Andrew Scott Winston

2004

Jennifer Vogel Bass  
 Beth Bisson  
 Keith Roland Bisson  
 Elizabeth Bradford Borden  
 Laura A. Bozzi  
 Suzette Anne Carty  
 Hahn-Ning Chou  
 Heather Kaplan Coleman  
 Jonathan Asa Cook  
 Sarah Elizabeth Davidson

Manmita Dutta  
 Juan Carlos Espinosa  
 Ona S. Ferguson  
 Margarita Fernandez  
 Kristen Holopainen Kimball  
 Cynthia Anne Kushner  
 Erin Foster Largay  
 Elizabeth E. Larry  
 Amanda M. Mahaffey  
 Christopher Seth Mahendra  
 Jennifer Lynne Molnar  
 Timothy H. Northrop  
 Christopher Cabell Riely  
 Nalin Sahni  
 Neha A. Sami  
 Daniela Vizcaino  
 Halsted S. Welles  
 Jeremy James West  
 Ethan Hamill Winter 🌲  
 Laura Elizabeth Wooley  
 Heather Eileen Wright  
 Elizabeth S. Wyman

2005

Anonymous  
 Lisa Elaine DeBock  
 Curt T. DellaValle  
 Seth Simrall Dunn  
 Brett Jacob Galimidi  
 Brett Dana Golden  
 Jocelyn Eileen Hittle  
 Aaron M. Hohl  
 Andrea Eleanor Johnson  
 Amy Kimball  
 Virginia Rheutan Lacy  
 Sandra L. Lauterbach  
 Emily Chapin Levin  
 Sarah Kay Matheson  
 Theodora E. A. Lopez Quiros  
 Alvaro Redondo Brenes 🌲  
 Jennifer Jane Ronk  
 Amy Stevens Saar 🌲  
 Elena Martina Traister  
 John Douglas Tuxill

2006

Jessica Miriam Albietz  
 Graeme S. Auld  
 Ying Flora Chi  
 Reilly Renshaw Dibner 🌲  
 Konstantine A. Drakonakis  
 Susan Jean Ely  
 Ross Paul Geredien  
 Jose Gonzalo Griebenow  
 Jesse Muir Grossman  
 Daniel H. Jones 🌲  
 Melanie P.J. Loftus  
 Christopher Ryan Meaney  
 Hatsy Harriet Moore  
 John David Neidel  
 Shuichi Ozawa  
 Sarah Patricia Price  
 Catherine Ann Schloegel  
 Benjamin Aaron Shepherd

Robert Mason Smith  
 Deborah Chaplin Spalding  
 Kristen E. Welsh  
 Yeqing Zheng

2007

Anonymous 🌲  
 Anamaria Aristizabal  
 Heather C. Arrowood  
 Terry Tyrone Baker  
 Gordon Clement Clark  
 Brandi Adele Colander  
 Amanda Moss Cowan  
 Emily Dawn Enderle  
 Beth J. Feingold  
 Cassie Leigh Flynn  
 Todd Michael Gartner  
 Daniel W. Geballe  
 Linda Chhay Geballe  
 David Richmond Griffith  
 James Arthur Howland  
 Charlotte Jerome Kaiser  
 Tracy Monique Magellan  
 Tamara Muruetagoiena  
 Kathryn Joanne Neville  
 Kevin Patrick Ogorzalek  
 Suzanne Elise Oversvee  
 Sarah Beth Percy  
 Laura Beth Robertson  
 Sara E. Smiley Smith  
 Jinlong Wang  
 Rachel Susan Wilson  
 Tenley E. Wurglitz

2008

Georgia Basso  
 Joshua A. Berman  
 Jessica Erin Boehland  
 Rayna Hake Caldwell  
 Jaime D. Carlson  
 Heather Amira Colman-McGill  
 Caitlin Carey Cusack  
 Michael Allan Davies 🌲  
 Obidimma C. Ezezika  
 Jorge Rafael Figueroa  
 Nigel Thomas Gurnett  
 Troy Derek Hill  
 Scott Robert Laeser  
 Naoko Maruyama  
 Jennifer Ann McIvor 🌲  
 Kyle Kitson Meister  
 Sara Bushey Ohrel  
 Caroline Elisabeth Raisler  
 Michael John Robertson  
 Angela Colleen Rutherford  
 Jason Adam Weiner  
 Xiaohong Zhou

2009

Meghna Agarwala  
 Gabriela Alonso Mendieta  
 Neda Arabshahi  
 Alyssa Lee Arcaya  
 Ariana Cummings Bain  
 Murefu Boniface Barasa 🌲

Katharine Elizabeth Boicourt  
 Cindy Joan Chang  
 Jeffrey Laurence Chatellier  
 Peter Anton Christensen  
 Ana Cecilia Del Cid-Liccardi  
 Adrian James Deveny  
 Sean Thomas Dixon  
 Joseph Jeffrey Famely  
 Robert B. Gabler 🌳  
 Haley E Gilbert  
 Thomas E. Hodgman  
 Olusola Uchenna  
 Ikuforiji 🌳  
 Claire Martine Jahns  
 Max Holtzman Joel  
 Todd William Jones  
 Rajesh Koirala  
 Jordan Evan Macknick  
 Andre Mershon  
 Elise N. Paeffgen  
 Tristan James  
 Peter-Contesse  
 Eric H. Roberts  
 Mary Alta Rogalski  
 Trisha Renee Shrum  
 Daniel Carl Steinberg  
 Rachael Truth Teel  
 Simon Lev Tudiver  
 Cecilia Fadigas Viana  
 Claudia Alejandra  
 Octaviano Villasana  
 Judith Sy-Ying Wu 🌳  
 Jack Alexander Yeh

**2010**

Anonymous  
 Michele Lisa Abbene  
 Daniella Aburto Valle  
 Abigail Lee Adams  
 Kathryn Au  
 Jennifer A. Baldwin  
 Gillian S. Bloomfield  
 Nasser Camilo Brahim  
 David Nathaniel Burns  
 Changxin Fang  
 Eric Daniel Fournier  
 Zahid Ullah Hamdard  
 C. Walker Holmes  
 Jacob O. Iversen  
 Jonathan Christian  
 Labozzetta  
 Sarah A. Lowery  
 Catherine E. Manzo  
 Jason Paul Nerenberg  
 Thomas John Paul  
 Tyra Michelle Pendergrass  
 Huijia Phua  
 Stella Zucchetti Schons  
 J. Michael Sesko  
 Matthew Charles Thurston  
 John Frederick Thye 🌳🌳  
 Kristin Carroll Tracz  
 Debbie S. Wang  
 Alexandra N. Whitney

Rae Jackson Wynn-Grant  
 Jianan Xin

**2011**

Anonymous  
 Margaret Wilde Arbuthnot  
 Julianne Baker Gallegos  
 Andrew Hudson Breck  
 Kyra Rachel Busch 🌳  
 Eliza Frances Cava  
 Xiaojiao Chen  
 Erin D Clark  
 James Robert Collins  
 David Dickinson Henry III  
 Melissa N. Ivins-Lukse  
 Ginamarie Jane Lopez  
 Brian S. McCurdy  
 Danielle Suzanne Miley  
 Mayanka Mudgal  
 Grady Whitman  
 O'Shaughnessy  
 Katie Julane Schindall  
 Rebecca McKay Steinberg  
 Christopher Grant Tolley  
 Elizabeth Dickson  
 Turnbull 🌳  
 Tian Wang  
 Wanting Zhang  
 Eva Tiffany Zlotnicka

**2012**

Anonymous (2)  
 Alex Logan Barrett  
 Daniel Adam Berkman  
 Matthew Herbert Emerson  
 Browning  
 Michael Healy Carroll  
 Wilson Mun Fei Chan 🌳  
 Diana Gail Connett  
 Anuj Manubhai Desai  
 Simon De Stercke  
 Christopher Lee Dutton  
 Rita Effah  
 Jessica Feingold  
 Erin Burns Gill  
 Andres Gonzalez  
 Benjamin Goldman Healey  
 Shane Michael Hetzler  
 Rachel Anne Kramer  
 Sameer Kwatra  
 Brian David Marrs  
 Meredith Pearl Martin  
 Munjed M. Murad  
 Ariel Patashnik  
 Jonathan S. Peterson  
 Mark Picton  
 Nathan Eustis Rutenbeck  
 Jake Harris Seligman  
 Chandra Simon  
 Sharon Janelle Smith  
 Joseph Twu Teng  
 Paul Dixon Thomson 🌳  
 Yushuang Wang  
 Yupu Zhao  
 Andrew Benito Zingale

**2013**

Kendall L. Barbery  
 Alana Callagy 🌳  
 Liliana Davila Stern  
 Rebecca Z. de Sa  
 Geoffrey S. J. Giller  
 Benjamin A. Goldfarb  
 Ariana I. Gonzalez 🌳  
 Lauren E. Graham 🌳  
 Brendan D. Guy  
 Bradford P. Harrison 🌳  
 Rui He  
 Naomi C. Heindel 🌳  
 Patrick William Hook  
 Angel Hsu  
 Lindsey Larson  
 Dexter H. Locke 🌳  
 Victoria M. Lockhart 🌳  
 Matthew A. Long  
 Luke J. McKay  
 Mikailah L. McKee  
 Jose Medina Mora  
 De Leon 🌳  
 Katherine R. Romans  
 Troy R. Savage  
 Courtney G. H. Seltzer  
 Lisa C. Weber 🌳  
 Angela P. Whitney

**2014**

Anonymous  
 Brian Ambrette 🌳  
 Acheampong  
 Atta-Boateng 🌳  
 Elizabeth T. M. Babalola 🌳  
 Laura A. Bakkensen 🌳  
 Robert W. Buchkowski 🌳  
 How-Sen Chong  
 Laura G. Franceschini 🌳  
 Benjamin Friedman 🌳  
 Aaron Greenfield 🌳  
 Fernando Herrero Sin  
 Bailey A. Johansen 🌳  
 David R. Krause  
 Lynette H. Leighton 🌳  
 Rachel H. Mak 🌳  
 Truman Mak 🌳  
 William N. Miao 🌳  
 Lia K. Nicholson 🌳  
 Robert E. Orvis 🌳  
 Anna E. Sakellariadis  
 Lauren K. Sanchez 🌳  
 James N. Santana 🌳  
 Erin M. Schnettler 🌳  
 Lindsy J. Seegmiller 🌳  
 Elgin W. Tucker, Jr. 🌳  
 Kristoffer J. van Naerssen  
 Constance L. Vogelmann 🌳

**2015**

Anonymous (11)  
 Kelly S. Aho  
 Alexandra C. Alhadeff  
 Abraham H. Allison

Avana A. Andrade  
 Melissa M. Arias  
 Dana M. Baker  
 Kwokwo Barume  
 Katherine M. Beechem  
 Ross Z. Bernet  
 Hasita M. Bhammar  
 Uma N. Bhandaram  
 Whitney J. Boone  
 Veronique Bourge-Meyer  
 Megan O. Brakeley  
 Colin R. Brown  
 Minna B. Brown  
 Timothy W. Brown  
 Karin R. Bucht  
 Joseph B. Calamia  
 Malia J. Carpio  
 Sarah A. Casson  
 Chung-Leong Chan  
 Yaping Cheng  
 Pooja Chopra  
 Jenaleah R. Clarke  
 Kenneth J. Cloft  
 Kelly A. Coplin  
 Jorge Juan De Vicente Benito  
 Sangay Dorji  
 Brendan V. Edgerton  
 Stephen J. Fain  
 Shane M. Feyers  
 Akiva N. Fishman  
 Marissa Galizia  
 Yesenia Gallardo  
 Snigdha Garg  
 Geeta C. Goled  
 David J. X. Gonzalez  
 Simon J. Gore  
 Emily S. Grady  
 Sarah D. Guy  
 Benjamin A. Ha  
 Alec B. W. Halpern  
 Ayumi Hara  
 Katherine J. Heller  
 Dawn Henning  
 Angel Hertslet  
 Zoraya D. Hightower  
 Peter C. Hirsch  
 Linda K. Holcombe  
 Elizabeth R. Horvitz  
 Tianjun Hou  
 Stephanie L. Johns  
 Corey S. Johnson  
 Bryce S. Kellogg  
 Vinh Q. Lang II  
 Danielle R. Lehle  
 Celine J. Lim  
 Yun-Mei M. Lo  
 Jorge E. Lopez Orendain  
 Sophia Z. Luo  
 Sarah A. M. Lupberger  
 Daniel Macri  
 Ruth N. Metzler  
 Tara K. Meyer  
 Jennifer M. Milikowsky  
 Samuel J. Miller-McDonald



HONOR ROLL

Benjamin L. Morelli  
 Elizabeth H. Morrell  
 Donald W. Mosteller  
 Grant T. Mulligan  
 Jamie K. O’Connell  
 Suzanne Ozment  
 Selena T. Pang  
 Jong Tae Park  
 Rachel J. Plawewcki  
 Jose Pons  
 Michael Puckett  
 Maha S. Qasim  
 Yiyuan Qin  
 Clara W. Rowe  
 Margaret E. Sackrider  
 Logan E. Sander  
 Frances Elizabeth Sawyer  
 Cari L. Shiffman  
 Jessie H. Shoemaker  
 Jeffrey R. Smith  
 Jaeun Sohng  
 Kristina A. Solheim  
 James R. Stephenson III  
 Sarah H. Sugar  
 Frances M. L. Thomas  
 Lindsay Toland  
 Katherine A. Tsantiris  
 William C. Tucker  
 Eric E. Vermeiren  
 Jessica A. Webb  
 Amy J. Weinfurter  
 Luke M. Weiss  
 Heather C. West  
 Carley R. Wigod  
 Sarah K. F. Wilder  
 Aaron S. Willis  
 Verner S. Wilson III  
 Ryan R. Withall  
 Emily A. Wright  
 Ru-Shyan Yen  
 Sophie L. Young  
 Robert F. Youngs  
 Sheena S. Zhang  
 Emily R. Zink

CURRENT STUDENTS

Sarah O. Bolthrunis  
 Rebecca E. Gallagher  
 Rebecca B. Gilbert  
 Susannah M. Harris  
 Philip B. Kunhardt IV  
 Philip B. Picotte  
 Thomas V. Selby  
 Sarah Tolbert  
 Andrew J. Wu

FRIENDS

Anonymous (6)  
 Robert W. Ackerman  
 Leland J. Adams, Jr.  
 George R. Allen 🌳  
 Richard Amerling  
 Edward C. Armbrrecht, Jr.  
 Christina Aston

Theodore I. Bahn  
 Peter M. Baldwin  
 Elizabeth Barratt-Brown  
 Thomas A. Barron  
 Edmund Bartlett III  
 Cynthia Bassett  
 Elizabeth G. Beinecke\*  
 James Berbee  
 Forrest C. Berkley  
 Ann M. Bitetti 🌳  
 Sydney Blankers  
 John R.H. Blum  
 Jabe Blumenthal  
 Mark Boardman  
 Coleman P. Burke  
 Ray Burnham  
 Jonathan J. Bush  
 Daniel J. Callahan  
 William Cannon  
 Lisa Cason  
 Martin Cawley 🌳  
 Helene Chabot  
 Larry G. Chang  
 Yue Chen  
 Joseph L. Cissna  
 Peter B. Cooper  
 Leslie N. Couvillion  
 Edgar M. Cullman, Jr.  
 Georgina Davie Cullman  
 John L. Davis  
 Joanne DeBernardo  
 Mary Anne Dingus  
 Thomas E. Donnelley II 🌳🌳  
 Vivian Donnelley  
 Larry Doores  
 Elisabeth C. Dudley  
 Susan Dworkin  
 Daniel C. Edelson  
 Christopher J. Elliman  
 Dan Emmett  
 Thomas K. Emmons 🌳🌳  
 Frederick V. Ernst  
 Ralph Faust  
 Howell L. Ferguson  
 Tim Ferguson  
 Robert Fisher  
 Dan Fleet  
 Kristin Lomell Floyd  
 Allyn C. Ford  
 Joseph Frantz  
 Pat Furgurson  
 Gordon T. Geballe 🌳  
 Murray Gell-Mann  
 Bradford S. Gentry  
 Zena N. Grecni  
 Christopher M. Halfnight  
 Azita Ghrad Hamedani  
 M. Ed Hartley  
 Seth Heald  
 Frank O.A. Heintz 🌳  
 Mary L. Heist 🌳🌳  
 Marquita Hill  
 Adelaide Hixon  
 Dylan H. Hixon 🌳



John D. Hoffman  
 Sherry Huber 🌳  
 Jacqueline Collins Hullar  
 John P. Hullar  
 C. Powell Hutton  
 Redmond S. Ingalls  
 Betty A. Jones  
 David A. Jones Sr.  
 Susannah C. Jones  
 M. Albin Jubitz, Jr.  
 Betty Kahn  
 Stephen D. Kahn  
 Christopher Kaneb  
 Richard L. Kauffman  
 Lawrence H. King  
 Janice Kirby  
 Michael Kirby  
 Carl W. Knobloch, Jr.  
 William C. Kunkler III  
 Ayako O. Kurihara  
 Liza Lagunoff  
 Daphne Lambricht  
 Joanne V. Landau  
 Joyce E. Laudise  
 Richard H. Lawrence, Jr.  
 James Leitner  
 Lawrence H. Linden  
 David S. Litman 🌳🌳  
 Silas Little III  
 Henry Lord 🌳

David Paul Loseff  
 Thomas E. Lovejoy  
 John McCall MacBain  
 Betty MacMillan  
 Whitney MacMillan  
 James Martin-Schramm  
 Margaret K. McCarthy  
 Deborah McCauley  
 Duncan M. McFarland  
 Subhash Mehta  
 Josephine A. Merck  
 Benjamin Messer  
 Arthur N. Milliken  
 Jesse Moore  
 Garrett M. Moran 🌳🌳  
 Mary P. Moran 🌳🌳  
 Christopher Moroney  
 Wendell A. Mottley  
 Albert P. Neillon  
 Caroline P. Niemczyk  
 Hilary A. Noonan  
 Marne Obernauer, Jr.  
 John Omohundro  
 Gilman Ordway  
 Stanton C. Otis, Jr.  
 Alfred Padula  
 Frederick W. Pape, Jr. 🌳  
 David Peart  
 Vicente S. Perez  
 Dan L. Perlman

DONOR SPOTLIGHT:  
 Fred Ernst '60 B.A.

Arriving at his first F&ES Leadership Council meeting this April, Fred Ernst and his wife Ellie weren’t sure what to expect. After several years of supporting a scholarship for students in the joint-degree program between F&ES and the School of Management, Fred and Ellie were scheduled to sit down with the students they’d supported in the 2014-15 year and hear about their backgrounds and aspirations for the future. Then, they’d join their fellow Leadership Council members for a two-day meeting about Industrial Ecology and the work being done by F&ES alumni around the world. Joint-degree students Rachel Fried ’16 M.E.M./M.B.A., Lizzie Marsters ’16 M.F./M.B.A., and Stephanie Johns ’16 M.E.Sc./M.B.A. warmly thanked Fred and Ellie for making their studies possible and described their classes, upcoming summer internships, and future career plans. The following day, Fred heard a report on the F&ES scholarship initiative, a fundraising effort being led by the Leadership Council to boost the amount of scholarships available to current students by \$10 million. As a brand-new member, Fred had not been approached for a commitment to the initiative, but as he sat in the meeting and reflected on his time with Rachel, Lizzie, and Stephanie, he was inspired to make a new, 10-year commitment to his scholarship fund that would boost the initiative closer to that \$10 million finish line.

“Ellie and I were immensely impressed by our involvement with the F&ES Leadership Council, the focus on Industrial Ecology, and the strong sense of entrepreneurial spirit. In my view it is just the right direction. Meeting the three scholars just reinforced that sense of energy and excellence; we were both exhilarated by the experience of meeting these young people.”—Fred Ernst ’60 B.A.

Sarah Pope  
 Gabriel Quadri  
 Kenneth M. Raisler  
 Edward R. Ranney  
 Diana Mendley Rauner  
 William K. Reilly   
 Laurie Richmond  
 Rosemary L. Ripley  
 Jonathan F.P. Rose  
 Andrew E. Sabin  
 Christopher Glenn Sawyer  
 David T. Schiff  
 Robert J. Schloss   
 Jason Schumacher  
 Norman C. Selby  
 Martin L. Senzel  
 Roger Shamel  
 Henrietta Simeone\*  
 Rob Smit  
 Nicholas D. Snow  
 Eric Snyder  
 David A. Sobotka  
 Karen Sobotka  
 Robert J. Stokes, Jr.  
 Edward L. Strohbehn Jr.  
 Leigh Talmage-Perez  
 Stephen C. Thomson  
 Tom Tietenberg  
 Marley Urdanick  
 Melissa G. Vail  
 Chandar van der Zande  
 Kenneth P. Vickery  
 Sukey Wagner  
 Karen Walsh  
 Gene Watson  
 William D. Waxter III\*  
 James Welch  
 Marianne Welch  
 Howard P. Welt  
 Jesse Benjamin Williams  
 Dena G. Willmore  
 Mason Willrich  
 Aimee B. Wolfson  
 Bill Yeates

**CORPORATIONS,  
 FOUNDATIONS, AND  
 ORGANIZATIONS**

A-1 Specialized Services  
 & Supplies  
 Alcoa Foundation  
 Andrew Sabin Family  
 Foundation  
 Arcadia  
 ARUP Services New York  
 Limited  
 AT&T  
 BP  
 B Shivery Trust  
 Barbri Inc.  
 Bole & Klingenstein

Foundation  
 British Ecological Society  
 Brown and Wilmanns  
 Environmental  
 Cedar Elm Fund of Dallas  
 Center for International  
 Forestry Research  
 Christian A. Johnson  
 Endeavor Foundation  
 Climate and Land Use  
 Alliance  
 Cody Country Outfitters  
 & Guides Association  
 The Community Foundation  
 for Greater New Haven  
 Connecticut Association of  
 Wetland Scientists  
 Connecticut Green Bank  
 The Curtis & Edith Munson  
 Foundation  
 DEKRA Automotive North  
 America  
 The Duncan Fund  
 Edna Bailey Sussman  
 Foundation  
 Edwin W. and Catherine M.  
 Davis Foundation  
 The Elizabeth Raymond  
 Ambler Trust  
 Ellen MacArthur Foundation  
 The Elimina B. Sewall  
 Foundation  
 The Emily Hall Tremaine  
 Foundation  
 Energy Foundation  
 Environment & Human  
 Health Inc.  
 Environmental Defense  
 Fund  
 European Recycling  
 Platform  
 Excess Return Fund of the  
 Maine Community  
 Foundation  
 Fibria Celulose  
 Finnish Forest Industries  
 Federation  
 The Frederick & Margaret L.  
 Weyerhaeuser Foundation  
 General Electric Foundation  
 George B. Storer Foundation  
 Germeshausen Foundation  
 Inc.

Gordon and Betty Moore  
 Foundation  
 The Grantham Foundation  
 for the Protection of the  
 Environment  
 The Guilford Fund  
 Harold M. & Adeline S.  
 Morrison Family  
 Foundation  
 IDH  
 International Bank for  
 Reconstruction and  
 Development  
 The International Institute  
 for Environment  
 & Development  
 International Paper  
 IUCN  
 The John D. & Catherine T.  
 MacArthur Foundation  
 JPMorgan Chase & Co.  
 The Kimberly-Clark  
 Foundation Inc.  
 Klabin  
 Knobloch Family Foundation  
 Land Trust Alliance  
 Lenox D. Baker Jr. & Frances  
 W. Baker Foundation  
 Lexis-Nexis  
 Linden Trust for Conservation  
 Lutheran World Relief  
 Materion Corporation  
 McCall MacBain Foundation  
 MeadWestvaco  
 Mondri Services UK Limited  
 Natural Resources Defense  
 Council  
 The Nature Conservancy  
 New Hampshire Charitable  
 Foundation  
 Anna E. Schoen-Rene Fund of  
 the New York Community  
 Trust  
 The Nickel Institute  
 The Norcross Wildlife  
 Foundation  
 Oak Foundation USA  
 Office Depot Inc.  
 Overhills Foundation  
 Overlook International  
 Foundation Inc.  
 Pratt & Whitney  
 R2o USA

Raw Materials Group  
 Richard Lounsbery Foundation  
 Rexel  
 Rockefeller Brothers Fund  
 Rockefeller Family Fund  
 The Samuel Family Foundation  
 The Schmidt Family Foundation/11<sup>th</sup>  
 Hour Project  
 Searle Family Trust  
 Shell Royal Dutch  
 Silicon Valley Community  
 Foundation  
 Southwestern Energy  
 Sunderland Fund of the  
 New Hampshire Charitable  
 Foundation  
 Skoll Global Threats Fund  
 The Stanley Foundation  
 Staples  
 Summer Fund II  
 Tetra Tech  
 Themis Bar Review  
 United Nations Foundation  
 United Nations Institute for  
 Training and Research  
 United Technologies Corporation  
 V. Kann Rasmussen Foundation  
 Vervane Foundation  
 The Walt Disney Company  
 Wildlife Conservation Society  
 William Penn Foundation  
 World Business Council  
 World Resources Institute  
 World Wildlife Fund for Nature  
 Wyman Family Fund of the  
 New Hampshire Charitable  
 Foundation  
 Wyoming Outfitters  
 & Guides Association  
 Wyss Foundation  
 Yale Club of New Haven

\* Deceased

*Although we have made every effort to recognize everyone who has generously contributed in support of the students and programs at F&ES, we apologize if any name has been inadvertently omitted. Please let us know if an error has been made, or if you would like your name to be displayed differently in next year's Honor Roll or other correspondence from the School.*

# CLASS NOTES

Thank you for submitting these updates for Class Notes and for sharing your stories of your accomplishments and adventures. F&ES alums are collectively making such an important and impressive impact around the world. We would like to hear from even more of you – send updates to your Class Secretary or [alumni.fes@yale.edu](mailto:alumni.fes@yale.edu).

We recently reached out to alums from the Classes of 1949-1969 and requested that they share stories and reflections about their experiences while they were a student and the influence the School had on their careers and lives after graduation.

We have already received a number of stories from alums. Excerpts of stories collected will be included in *CANOPY*.

**Learn more about this project or send in a story: [alumni.fes@yale.edu](mailto:alumni.fes@yale.edu)**

**Arthur Westing** '54 M.F., '59 Ph.D., shared his experiences as part of the new alumni history and stories collection project. Here is an excerpt:

“Having just been awarded a B.A. in Botany from Columbia in 1950, I matriculated in the two-year M.F. degree program, but an interruption (serving in the Marine Corps in Korea as a Forward Observer) delayed my graduation until 1954.

“At the Yale Forestry School, I felt in my element in Professor Eugene Zumwalt’s summer field program in 1950, and then served as his assistant in the summer of 1952. In Sage Hall, my most influential mentor was Professor Harold Lutz. I continue to be guided by his precepts and admonitions, for example that one should always work with the forest, never against it. The extended fieldwork in Crossett, Ark., with Professor David Smith was another major highlight of our curriculum.

“After graduation I worked for the U.S. Forest Service for a few years in the Lake States, researching silvicides. I then returned to Yale for a Ph.D. in tree physiology, followed by forestry professorships at Purdue University and the University of Massachusetts. Then came several years of being Dean of Science first at Windham College and then at Hampshire

College, along with teaching forest ecology and conservation. During the next eight years I ran a United Nations Environment Programme (UNEP) project on Peace, Security, and Environment. I should add that during the Viet Nam Conflict I made seven or so extensive on-site examinations of herbicidal, bombing, and bulldozing disruption, doing so on behalf of the American Association for the Advancement of Science (AAAS), UNEP, and other organizations. It was recently a distinct honor to have a selection of my past papers republished by Springer as the first in its series on ‘Pioneers in Science and Practice.’

“In 1990 my wife and I returned to Vermont to teach, consult, manage our 40-acre woodlot, and help establish a now 1,800-acre private nature reserve open to the public. I have recently completed a 68-page booklet titled *Woodland Secrets for Southeastern Vermont and a Bit Beyond*. I would be pleased to share this in PDF format with any of my fellow alumni who request a copy.

“Needless to say, none of my professional activities over the years could have been accomplished successfully without the solid grounding that had been provided by the superb Yale Forestry School faculty.”

## 1971

### Class Secretary

Tom Nygren

[Tnygren@juno.com](mailto:Tnygren@juno.com)

**Rory Harrington** writes from Ireland:

“Well, I finally escaped the institutional life, in which I have been since age 5, when I started school. Now I am free to work and do as I wish ... I am working now for my daughter’s company, VESI Environmental Ltd., and that, of course, demands compliance. Our small family company of four tackles a wide range of polluted water sources

ranging from swine waste to mine drainage, from human sewage to landfill leachate. Yesterday and the day before I was working north of Dublin at Slane Castle overseeing construction of a self-maintaining swimming pond and an Integrated Constructed Wetland (ICW) for the holiday farm belonging to the Castle. In an ICW, total water management is linked with landscape and biodiversity needs in the construction of natural marsh-type wetlands for polluted water management and treatment. Recently, we finished a wetland complex for a lead and zinc mine that had closed, ensuring that any

drainage was taken care of ... for the next 10,000 years. Performance to date is twice what was expected, and it’s expected to get better as the vegetation strengthens. The learning, experience, and mentoring that I got at the Yale School of Forestry was immeasurable in establishing this ecosystem-based approach to water management and it’s difficult to see how it might have developed as it has, had it not been thanks to Herb Bormann, Tom Siccamo, Peter Jordan, George Furnival, and many more at F&ES. It would be a great pleasure to someday revisit the School - who knows?”



## 1975

### Class Secretary

Hallie Metzger  
[hallie.metzger@rcn.com](mailto:hallie.metzger@rcn.com)

**Evan Griswold** writes: "I'm working in the real estate realm helping local land trusts as well as state-wide environmental organizations analyze land protection projects, along with my general real estate practice. Both of our children now live in Maine, in the Portland area, so Emily and I are spending more time visiting with grandchildren, of which we now have four. I am looking forward to seeing as many classmates as possible at our 40<sup>th</sup> Reunion in New Haven."

**Hallie Metzger** writes: "Greetings to all members of the Class of 1975 in our 40<sup>th</sup> Reunion year. Everyone seems to be settling into retirement of sorts. I say 'of sorts' because we're all busy but just not getting paid (as much?) for it. Although I live in Chicago, I've become more active in managing my family's property in northwest Connecticut. My big project now is restoring a meadow for bobolink, ruffed grouse, and maybe even the New England cottontail."

## 1977

### Class Secretary

James Guldin  
[jguldin@prodigy.net](mailto:jguldin@prodigy.net)

**Keith Aubry** writes: "I retired from the federal government at the end of December 2014 after working for 28 years for the U.S. Forest Service's Pacific Northwest Research Station in Olympia, Wash. However, I am not yet retiring from wildlife research. Like academia, one of the benefits of working for the research branch of the Forest Service is that retiring scientists can stay on as Emeritus Scientists to complete ongoing work and help mentor new scientists. I plan to work part-time in that capacity for the next 2 to 3 years as I complete the analysis and publication of 10 years of satellite telemetry data on wolverines in the Cascade Range of Washington, along with several other unfinished projects, and complete my tenure as an Associate Editor for the *Journal of Mammalogy*." The photo below shows Keith and his wife Sharon rafting the Grand Canyon.



**Dr. Denise Mitten** continues to work with students in the master's degree and Ph.D. programs at Prescott College. She is involved in researching the effect of time in nature, or participating in outdoor activities on body image and the impact of a hidden curriculum in adventure education on women. Her daughter Lauren, who graduated from Scripps Women's College, where she studied environmental action and gender and women studies, is working in Washington, D.C.

**Joanne Polayes** writes: "I've taken on the responsibilities of Class Agent and have enjoyed collaborating with Jim Guldin, Class Secretary, and receiving a few e-mails from our class. Continuing with my retirement traveling, I rafted the Grand Canyon this past April, backpacked the northern-most 40 miles of the Pacific Crest Trail into Canada in July, and kayaked on the east side of Vancouver Island and backpacked the Tonquin Valley in Jasper National Park in the Canadian Rockies in August. All were wonderful adventures. Soon I will be heading to Peru for more. Aware of my carbon footprint from traveling, I am buying unofficial carbon offsets from non-profits. When I am around, my activities include hiking, watercolor painting, doing a Prescott, Ariz., version of gardening (sometimes feeding the deer and javelin, whether I want to or not), and entertaining visitors, who are always welcome!"

## 1978

### Class Secretaries

Susan Curnan  
[curnan@aya.yale.edu](mailto:curnan@aya.yale.edu)

Marie Magleby  
[lmagleby@att.net](mailto:lmagleby@att.net)

Regina Rochefort  
[regina\\_rochefort@nps.gov](mailto:regina_rochefort@nps.gov)

**Susan Curnan** writes: "After years of living in the same town and not seeing each other, I ran into our classmates **Andy and Loring Schwarz** at a local restaurant; it was a fabulous moment of reunion and reflection! Also, at Brandeis, it is wonderful to regularly see **Eric Olson ('88)** leading a terr eco escapade into the hedgerows, swamps, and fields closely resembling our classes with Tom Siccama! And most recently, the arrival of **Mary Fischer ('10)** as Manager of Sustainability Programs at Brandeis is a breath of fresh air; she is sure to be a leader and community builder for the campus and beyond. I have recently been elected President of the Brandeis faculty, and I am teaching management and policy courses with a hitch to sustainability and the triple bottom line. Mostly, I miss being outside and so intend to start engaging

more young people, especially my teenage son and daughter, in our National Parks and landscape together. We are just back from my second trip to the Grand Canyon, and I wonder why I didn't take my fantasy job of park ranger. Hope to see you all in New Haven at the Yale Environmental Sustainability Summit (YESS) in November!"

## 1979

### Class Secretary

John Carey  
[carey@aya.yale.edu](mailto:carey@aya.yale.edu)

**Chuck Peters ('89 Ph.D.)**, Curator of Botany at the New York Botanical Garden's Institute of Economic Botany, reports that he is currently on the shores of Lake Como as a Fellow at The Rockefeller Foundation's Bellagio Center, where he is writing a book entitled *Managing the Wild: Stories of People and Plants in Tropical Forests*. "The book looks back at 30 years of fieldwork as part of the science staff at the New York Botanical Garden and details some of my experiences in trying to facilitate the sustainable use of tropical forests by communities around the world," he writes. "I have had the good fortune to work with tropical forest communities in Asia, Central and South America, and Africa, attempting, more or less, to do the same type of thing with different resources, ethnic groups, and forest types. Taken together, these projects provide a broad overview of contemporary resource use in the tropics. Such an overview, hopefully, will help future researchers come up with more effective and equitable strategies for the long-term conservation of tropical forests, or, at the very least, provide sufficient background information so that my mistakes are not repeated. All of the projects involved delightful people, lots of laughing, a reverence for nature, and fruitful, yet largely unexpected, outcomes. This is what I would most like to share with the reader: thirty years of trial and error."

**Elizabeth (Betsy) Rich** writes: "I have retired from St. Joseph's University in Philadelphia, and I am listening for the next siren song. I am looking forward to downsizing soon, possibly moving to the west Philadelphia area near two of our now three grandchildren (Eleanor was born in July of this year). My regular schedule consists of having one granddaughter for a day each week. Other activities include gardening and working in our local park. A quiet but surprisingly satisfying period of life. I miss teaching but am hoping to take some much delayed trips abroad."

CLASS NOTES

1980

**Class Secretary**

Sara Schreiner Kendall  
 SaraSKendall@comcast.net

The Class of 1980 just wrapped up its 35<sup>th</sup> Reunion with two days at Yale-Myers Forest in addition to Reunion Weekend activities in New Haven – so lots of fodder for updates from members of the class.

**Jane Sokolow** has joined the F&ES Alumni Association Board and, along with **Tom McHenry**, played a key role in planning and organizing the 35<sup>th</sup> Reunion. **Ellie Lathrop** arrived at the Reunion via a marathon solo cross-country trip in a van after retiring from Weyerhaeuser as a land use forester in Wash. As they have many times before, **Ellie and Tricia Johnson** provided sustenance for the class at Yale-Myers during our time there. **Tricia** recently retired from teaching about the environment in a New Haven charter school. She now has more time for sailing Long Island Sound with her husband **Robert**. **Curtis Rand** took a break from running the Town of Salisbury and teaching forestry at the Salisbury School to provide the libations, though the Fireball was a uniquely McHenry contribution. **Susan Rand** again generously provided fabulous tee shirts for the Reunion featuring a drawing of the outdoor auditorium at Yale-Myers Forest, our class gift.

Getting the longest distance prize were **Laura Snook ('93 D.For.)** and **Suey Braatz**, who both travelled from Rome. **Laura** is working for Bioversity International and **Suey** is at the Food and Agriculture Organization of the United Nations when she is not enjoying her villa outside Rome. **Keith Stewart** graced us with both his presence and delightful vegetables that he grows on his organic farm in Orange County, N.Y., and sells to great acclaim at Union Square Farmers Market in New York City, with the help of **Tom Hatley's** son. **Tom Hatley** continues to work in his own environmental consulting firm in North Carolina.

**Reuben Rangel** flew in from Santa Fe, N.M., where he continues to work on environmental health issues at Los Alamos National Laboratory. **Steve Strauss** made it in from Oregon State where he is doing groundbreaking work in tree biotechnology and genetic engineering. **Janet Hess** threatened to make the Class of 1980 the topic of a *Nature* documentary, the PBS show where she is the Series Editor. **Jim Thorne ('85 Ph.D.)**, who has retired from teaching but continues to work with

conservation organizations, came up from Pa. with his lovely wife, Rosemary. We were delighted to welcome **Amy Nurick McCoy ('81)** to her first, but hopefully not last, Reunion with her husband, **Randy**, with whom she runs a pony farm and animal rescue operation in Vermont. **Amy** generously introduced us to lovely Ice wine from Quebec. **Keith Tait ('81)** was another Reunion newbie, driving in from the Adirondacks. He recently finished up five years as the Environmental Health and Safety Director at SUNY Plattsburgh after a 21-year career at Pfizer.

**Star Childs** gamely hobbled around the Yale-Myers camp recovering from recent knee surgery. **Star** continues to lead the initiation of F&ES students, running MODS out of Great Mountain Forest in Norfolk, Conn. **Mike Lavigne ('85 Ph.D.)** and his wife, **Susan**, made the trek down from New Brunswick, Canada. All of us are anxiously awaiting the next chapter of his daughter's determination to survive on her own wits in the wilderness of the Yukon Territory. **Bob Comer** managed to carve out some time from his law practice in Denver, Colo., to claim yet another Golden Palm award. **Ken "Uncle O" Olson** is retired as President of The Friends of Acadia, but continues to write and soon will be publishing his next book about Acadia National Park.

**Sara Schreiner Kendall** flew in from Washington, having both retired after 29 years with Weyerhaeuser and married off her firstborn son last spring. **Hank Margolis** is four weeks into a new position as Program Manager of the Terrestrial Ecology Program at NASA Headquarters in Washington, D.C. **Bob Burke** drove in from Hanover, N.H., with his wife, **Deb H. Burke ('79)**, where they own and run Vermont Forestry Associates. **Ian von Lindern ('73, '80 Ph.D.)** and his wife, **Margrit**, stopped in at the Reunion on their way to a three-week trip to Italy to celebrate the founder of the occupational health field. **Ian** and his wife run a foundation focused on lead and other hazardous material remediation in impoverished villages working with Medecins Sans Frontieres (Doctors Without Borders). **Carol Zimmerman ('81 Ph.D.)** is retired from Battelle Memorial Institute, but continues to consult on transportation issues. **Fran Rundlett** came in from the foothills of S.C., where she moved after retiring from teaching at Georgia State University. **Kathy Parker ('85 Ph.D.)** and her husband of 30 years, **Max**, are looking to resettle in the hill country of Texas from their current home in Santa Fe, N.M. They say this is the last move, but we've never known K.P. to stop moving.

**Rick Kelley** stopped in from Vt. to assure us that they do still log timber there. **Christopher LaFarge ('81)** and his wife, **Vicki Van Steenberg LaFarge ('79, '88 Ph.D.)** drove in from Mass., where **Christopher** runs a medical device manufacturing business. **Al Sample ('89 D.For.)** made it in from Washington, D.C., where he continues to lead the Pinchot Institute for Conservation. **Natasha Atkins** took the train from Washington, D.C. She is a science writer and editor. **Marcia Kallgren Sailor ('81)** joined us and is looking forward to retirement, and possibly a wedding, soon.

A number of alums sent regrets and fond wishes: **Susan Shen ('81)**, still at the World Bank, was busy travelling in Kenya; **David Kittredge ('86 Ph.D.)**, still teaching at UMass, was travelling in Australia; and **Charlie Nilon**, who works at the University of Missouri School of Natural Resources in St. Louis, was unable to make it back. **John Echeverria ('81)** sent his regrets from his newly acquired farm in the Green Mountains, citing his teaching obligations at Vermont Law School. **Kinny Perot** could not get away from Vt., where she chairs Vermont Conservation Voters. **Patti Kolb Millet** is still bicoastal; half her year is spent in the Sierra Nevadas and half in her gift shop in Cape Breton, Nova Scotia. **Lisa Speer ('81)** works for the Natural Resources Defense Council (NRDC) and missed the Reunion as she was working in Papua New Guinea.

Lastly, there was much cheering as **Tom McHenry**, who teaches and has an environmental law practice in Los Angeles, became yet another honored member of the Class of 1980 along with **Star Childs**, **Ian von Lindern**, and the entire Class of 1980, when he received the 2015 Distinguished Service Award for his leadership in support of the School and its students.

*Editor's note: Complete coverage of Reunion Weekend 2015, including articles and photos, will be included in the Spring 2016 Edition of CANOPY.*

1981

**Class Secretaries**

Fred Hadley  
 fhadley@sit-co.net

Gail Reynolds  
 gail.kalison.reynolds@aya.yale.edu

**Thea Weiss Hayes** writes: "Howdy from beautiful Portland, Ore.! I'm retired from science teaching in Portland Public Schools and am sub-teaching in five east Portland school districts. I am also spending time with

Mom (Dad passed away at 90 last year) and working on my homestead, living with dog, birds, fish, snake, lizard ... did I get them all? Husband Angel is a mechanical engineering technician at Intel, my older daughter, Hanna, moved to Seattle to start a new adventure, and my youngest, Rachel, is a sophomore at the University of Oregon, where she is in the International Studies, Peace & Conflict Mediation program (studying Hebrew and Arabic). My favorite pastime these days is camping on the Clackamas River, reading with my husband, connecting with friends and family on Facebook, yearning for goats and bees, and working with other scientist professionals on various committees in the Oregon Invasive Species Council. Would love to hear from y'all, if you have the notion."

**Bruce Kernan** writes: "I'm living in Quito, Ecuador half the year and spending spring, summer, and part of the fall in upstate New York, working there in our forest."

GANT, a clothing store founded in New Haven, has launched an international campaign focused on social entrepreneurship and five Ivy League graduates who are making the world a better place. **Mark Plotkin** was chosen to represent Yale University.

[gant.com/brand/fw15-brand-campaign](http://gant.com/brand/fw15-brand-campaign)

## 1982

### Class Secretaries

Barbara Hansen  
[bjhansen@fs.fed.us](mailto:bjhansen@fs.fed.us)

Kenneth Osborn  
[forstman@fidalgo.net](mailto:forstman@fidalgo.net)

**Steve Forrest** writes: "I am with Defenders of Wildlife in Denver, Colo., working on grassland species conservation. I have two daughters, one in the film industry in Los Angeles and the other applying for medical school. No retirement plans in the future."

**Barbara Hansen** writes: "I'm on the Idaho Panhandle National Forests, doing mostly recreation planning and special uses. Hoping to retire in the not-too-distant future. Our three kids are out in the world (the youngest is still in college), but no grandkids yet!"

## 1985

### Class Secretary

Alex Brash

[abrash@ctaudubon.org](mailto:abrash@ctaudubon.org)

**Alex Brash** writes: "The '85ers had a sterling showing at our 30<sup>th</sup> (ouch) Reunion! On Friday night, 'our' Dean, John Gordon, and his sten-torian voice hosted the evening along with

**Tim Northrop ('03)**, Director of the Office of Development and Alumni Services.

**Steve Lowe, Whitney Tilt, Cathy McConnell, Tara Gallagher, Steve Young,** and I all had a great time catching up. In addition, Steve Young's photography exhibition was a focal point of the evening (*see page 2*). After a too respectable TGIF in Kroon Hall, the group retreated to Bowers for pizza, beer, and some great music. Saturday dawned, and with that the addition of **John Nute, Bob Clausi, Lorna Perkins, Mark Ashton ('90 Ph.D.)** (who is always there), **Sarah Brichford ('86), Chris Donnelly, Ted Elliman, and Dorceta Taylor ('91 Ph.D.)**, who all joined the event. Notably, Dorceta was honored for her great work. John Nute also noted that he enjoyed 'talking with John Gordon, Gordon Geballe, Mark Ashton, **Tim Gregoire ('85 Ph.D.)**, and **Al Sample ('89 D.For.)**, and that it was a beautiful day weather-wise and just really nice to be back at good ol' F&ES for a while.' We are already calendaring in October 2020!"

## 1986

### Class Secretary

Robert Unsworth  
[robert@unsworth.us](mailto:robert@unsworth.us)

**Laura Brown and Rob Ramey** write: "Life in Colorado and the West is still great, although adjusting to the empty nest is a challenge, what with one sophomore at Colorado State University and one a graduate of Lewis & Clark College. Consulting on endangered species issues keeps us busy and solvent, and lots of outdoor adventure activities (sea kayaking, rafting, climbing, skiing, and scuba diving) keep us happy. We'll spend several weeks with the desert elephants of Namibia again this year, a population we've been studying for 11 years. Our non-profit is called Desert Elephant Conservation. Are we really pushing 60 already? Yikes!"

[desertlionandelephant.org](http://desertlionandelephant.org)

## 1989

### Class Secretary Needed

**Betsy Carlson** writes: "Starting a new chapter in life as the interim Citizen Science Coordinator for the Port Townsend Marine Science Center in Washington. My workspace, on a pier over the water, is like being on a boat surrounded by the mountains and Puget Sound. It's beautiful – stop by! Also, I recently enjoyed working closely with the filmmakers of an award winning documentary, *Return of the River*, about Elwha River dams' removal and restoration of a native culture. If you have a chance to see it, do!"

**Stephen Kelleher** will be moving to Accra, Ghana, on October 2<sup>nd</sup> to serve as Chief of Party for the USAID West Africa Biodiversity and Climate Change program. The five-year program will focus on wildlife trafficking, increasing coastal resilience to climate change, forest and biodiversity loss and degradation, and capacity strengthening of regional, national, and local organizations.

**CJ May** writes: "I am delighted to return to full-time work in recycling in a way which makes use of my background as an environmental magician. As recycling coordinator for the City of Waterbury, I use magic on a near daily basis as part of outreach in schools, at community meetings, and during local events. I have even used David Blaine-style "street magic" techniques to engage residents while door knocking. Levitating a recyclable bottle gets their attention. I was also honored to be invited to guest host Jeff McBride's *Mystery School Monday*, a weekly webcast for magicians. I focused on the use of magic for outreach and education, with a specific focus on 'Cause Magic': magic that is intended to inform audiences as well as change behavior."

**Laura Simon ('90)** writes: "I am working on policy issues for the Humane Society of the United States from my Conn. home office, not far from Sage Hall. However, my big news is that my 12-year-old son, Jack Kealey, just received a Young Advocate award from the Town Democratic Committee, as well as an official Proclamation from the Town of Bethany, for his advocacy work at the State Capitol lobbying bills involving animal and environmental protection! Call me a proud mama!"

## 1991

### Class Secretary

Gwen Thomas  
[gwmthomas29@fastmail.fm](mailto:gwmthomas29@fastmail.fm)

### Favorite Hike, Bike, and Paddle Trails

Once again the class of 1991 has had some fun back and forth e-mails reconnecting. This time classmates were asked to share their "Favorite Hike, Bike, and Paddle Trails." The only conditions for submitting a favorite trail were: it could be anywhere in the world and we had to have been on it – it couldn't be from our wish lists. From remote regions to urban oases, we are a truly adventurous crew who find peace and inspiration in natural areas. Now we just have to figure out how to have rotating reunions in each of these wonderful spots.



CLASS NOTES

**Margo Burnham** – Sea kayaking the Maine Island Trail – I’ve only paddled the islands off the coast of Stonington, gorgeous! The coast shoreline hike in the Valdivian Coastal Reserve in Chile (I’m a tad partial as I had a hand in helping create the reserve years ago). It’s spectacular! The Colorado River through the Grand Canyon. Amazing. Enough said. Perhaps my all-time favorite: Paddling the length of the Canning River in Alaska. It forms the western border of the Arctic National Wildlife Refuge and ends in the Beaufort Sea. If you’re lucky, a pilot will find you and pick you up on a barrier island and fly you out.

**Betty and Tim Channon** – There are too many to choose from. Some local highlights for me are the Crow Pass Trail and Upper Winner Creek Trail in Girdwood, Alaska. Another favorite is the Lost Lake Trail near Seward, Alaska. Of course there is the Kalalau Trail on the island of Kauai, Hawaii, that we did last year.

**Gillian Davies** – My family just got back from llama packing in the Wind River range in Wyoming. We hiked up Wind River peak (13,197’), the highest in the southern Winds, and the views were spectacular. Then we hiked into the Cirque de Towers, for spectacular views of the Cirque and the lake beneath them. Our 17- and 20-year-old sons and our 20- and 22-year-old nephews loved the trip, and the llamas allowed our 50-something bods to be in the backcountry for 9 days without having to carry excessive loads. We rented the llamas, which was possible with a short class on how to care for them the night before we left. They are really easy and fun animals to share a trip with. Another all-time favorite would be the trail around the Annapurna range in Nepal, which I did many years ago, but still think about frequently. We started at about 1,500 feet above sea level, and about 10 days later found ourselves crossing the Thorung La high pass at close to 18,000’. The landscape was spectacular. We started in Pokara, and went up one river valley, and then after going over the pass, went down the Kali Gandaki river valley, circling back to Pokara.

**Jennifer Greenfeld** – I just returned from a family vacation biking the Great Allegheny Passage. We rode our bikes, fully loaded with gear, and camped from Pittsburgh to Cumberland, Md. (With a stop in Ohio, Pa., for white water rafting and a motel stay, I must admit.) It was a great trip. I’m so proud of my 16- and 12-year-olds for biking the 153 miles and my husband Josh for planning the trip.

**Jill and Chip Isenhardt** – Ok, we’re going exotic. Chip and I recently returned from a month of consulting for the Tanzania National Park Service and we worked in Arusha National Park. They have an incredibly beautiful climb up Mt. Meru, a 3 day hike through diverse ecotones and overnights at simple huts. The last night, you leave about 12:30 a.m. and climb the summit for gorgeous sunrise views of Mt Kilimanjaro off in the distance. Meru is not as high as Kili, but many who have done both say it is harder and more interesting! Give it a try ...

**Joan Becker Kelsch** – This makes me want to go on vacation! So nice to hear from folks and learn of your adventures! Our favorite hikes of late: The Iceline Trail in Jasper (Canadian Rockies). Specimen Ridge in Yellowstone. In fact, just about anything in either of those places is pretty great. Closer to home (1 mile away) is Teddy Roosevelt Island in the Potomac River. It’s not exotic, but it’s pretty great that in 15 minutes out our front door, you can be in a little bit of nature with remarkably few people. We need more of these urban green spaces for some respite from our busy lives!

**Callie McConnell** – Thanks for sharing all the great trails and experiences! Thanks again Gwen for getting this going (I enjoyed the reading list e-conversations too)! I especially enjoy thinking of you and your families and careers now, and the little blasts from the past and our time together at F&ES. Here are 3 trails that come to mind: Chilkoot trail stretches 33 miles from just outside Skagway, Alaska, to Lake Bennett, British Columbia, the headwaters of the Yukon River. More than 30,000 men, women, and children climbed up the daunting Golden Stairs during the Klondike Gold Rush carrying enough supplies to sustain them for a year. We just carried supplies to sustain us for 4 days! The trail ends at an old train station and you catch the White Pass and Yukon Route narrow-gauge railroad back to Skagway. We took the Alaska State Hwy Ferry from Bellingham, Wash., to Skagway through the Inland Passage of British Columbia and Southeastern Alaska to get to the trailhead. Close to home in Eugene, Ore., the McKenzie River National Recreation Trail is a ~26 mile trail that starts in an old lava flow, originating from Mt. Washington. The trail maintains a gradual downhill track through old growth mixed conifers along the edge of the McKenzie River, along the shores of Clear Lake and past Sahalie and Koosah Falls. Then the river goes underground for most of the year and after about 2 miles it bubbles up from the ground

in a crystal clear, blue pool. The McKenzie River trail has served as a good training for some long walks we have done in the United Kingdom. One of my favorites was the West Highland Way, a 100 mile walk from just outside Glasgow to the base of Ben Nevis, the highest peak in Scotland, and city of Fort Williams. Our classmate **Deb Beardsley** and her husband Perry have walked over 1,000 miles on public footpaths in the UK and we walked this and another together. Obviously I could go on and on ... ah the world!

**Chris Rodstrom** – I love the hike along the Teton Crest trail straddling Grand Teton National Park and the Targhee National Forest/ Jedediah Smith Wilderness in Wyoming. Any section of that trail is great, but the route from Fox Creek pass, past Fossil Mtn., north along Death Canyon Shelf, and dropping down into Alaska Basin is spectacular.

**Peter Schuyler** – Lots of great hikes being mentioned. In the spirit of Gwen’s title of “Favorite Hike, Bike, and Paddle Trails” – one of my favorites is the trip my two kids, wife, and I took to Chile two years ago. We hiked the complete “O” circuit in Torres del Paine National Park, switched over to kayaks for a 3 day trip starting in lakes with icebergs and then down rivers to the ocean fiord (much to the kids delight – Lisa and I managed to flip our kayak) and finished off with a day bike trip up to the Cave of the “recently” extinct Mylodon. Fantastic scenery, plants, birds and as they say – expect 4 seasons a day for weather in Patagonia. Closer to home – one of my favorite hikes is the trip on San Miguel Island (Channel Islands National Park) from Cuyler’s Harbor over to Point Bennett and return. You start on a beach that nearly always is footprint free, hike over the island through caliche forests, and end up overlooking one of the largest (if not the largest) marine pinniped breeding rookeries on the West Coast. Six species have been known to utilize the area and there are thousands of them! I have been fortunate to be able to return to the island many times over the years ever since my dad first took me out there in the 1960’s – never get tired of it! Finally – any high altitude Sierra Nevada trip is good, but the loop over Lamarck Col, down past Darwin Lakes, through Evolution Valley, and back out over Piute Pass is particularly spectacular. Happy exploring.

**Gwen Thomas** – I am partial to the Ice Age Trail in Wisconsin – a 1,000 mile hiking trail across the state that follows glacial ice flows from the most recent ice age ending some 10,000 years ago. Along the trail one hikes through forests and tall-grass prairie and can see amazing geologic formations like kames, drumlins, ice-walled lakes, and tunnel channels, as well as unglaciated areas like the Driftless Area. Sadly we are not in Wis. anymore, but we enjoyed hiking many sections of it while living there.

**Rich Wallace ('00 Ph.D.)** – I have three, each separated by roughly 3,000 miles: 1. The easternmost peaks of Acadia National Park, Maine. Start up the Beehive Trail, meet the Champlain North Ridge Trail, hike past the Bowl (lovely little lake) and continue across the peaks and then down, eventually ending up at the nature center. Spectacular views of the coast, ocean, and other parts of the park from multiple points. And Acadia's free bus service will take you back to your car at the end. 2. The Paradise Valley Trail in Kings Canyon National Park, Calif. Excellent elevation gain along a roaring river with great waterfalls to a serene high peaks valley where you need to watch for bears. (That's a reason to go, not a reason to avoid!) Permits required and overnighing a must! When you get to the valley, the river is comprised of many quiet pools – perfect for dipping your (aching) feet after all that climbing! 3. The Kalalau Trail on the north coast of Kauai. This is the only way to access this roadless stretch of Hawaiian coast, along the feet of the Na Pali Coast cliffs. Incredible beaches, mangos off the tree, and the best Pacific sunsets. Permits required (access and usage is tightly controlled) and at least three nights are needed to do it right.

**Carroll Yandell ('92)** – Wow, a lot of new trails to discover. Thanks for all the ideas. Currently, my favorite is the High Sierra Loop in Yosemite. On another note, we (NatureBridge) just hired **Kaylee Weil ('14)**, a recent F&ES graduate, who is taking the place by storm. Makes me proud.

## 1994

### Class Secretaries

Jane Calvin  
[jcalvin@prospeed.net](mailto:jcalvin@prospeed.net)

Cynthia Henshaw  
[chenshaw@eqtl.org](mailto:chenshaw@eqtl.org)

Jane Whitehill  
[janewwhitehill@gmail.com](mailto:janewwhitehill@gmail.com)

**Thomas Brendler** is working with the non-profit strategy firm Bernuth & Williamson, where he was recently promoted to Research Director. He's happy to report that his first book, *A Part of This Earth: Three Generations of Progressive Philanthropy in Georgia*, was published earlier this year. He is also eagerly awaiting the reunion tour of the Charismatic Megafauna.

**Cynthia Caron** is in her fourth year of teaching at Clark University. Her research has expanded to Uganda and Zambia, and she'll be speaking at F&ES at a Yale Forest Forum about the Zambia project in February 2016. She is working with the Land Tenure and Resource Management Division at USAID, including co-designing and now facilitating their first ever online course (MOOC). It's free and you can enroll here: [us9.campaign-archive1.com/?u=441fo194fd6247ef802c5341a&id=e4024c06bd&e=7713c8b400](https://us9.campaign-archive1.com/?u=441fo194fd6247ef802c5341a&id=e4024c06bd&e=7713c8b400)

**Bill Keeton** spent three weeks doing field research in Bhutan this summer, a study of forest fire-climate change interactions in Blue Pine systems. "It was my first time in the Himalayas," writes Bill, "and I was blown away literally and figuratively." (See page 45 for a photo.)

**Jane Whitehill** is working in drug development and volunteering for Bernie Sanders. In August, she and Lyman (no longer 10 years old) decided to cheer on Serena Williams when she won the US Open. "Needless to say, she didn't, but we still had a great time, and we're still fans."



The photo above is of four F&ES roommates when they lived on Bishop St.: **Lindsey Brace Martinez ('95)**, **Don Redmond**, **Dave Moffat**, and **Diana Wheeler**. The four alums were recently in Canada and had a mini reunion. The photo below shows Dave, Lindsey, Don, and Diana in July 2015 – Diana's hat is the same one.



**Ted Wong** writes: "**Cindy Caron** and I won a contest at MIT's Climate CoLab. The contest, which was sponsored by the American Geophysical Union, solicited ideas on helping farmers in the Pamir Mountains of Afghanistan and Tajikistan to update traditional agricultural practices for a climate-changed world. Our proposal, which combines indigenous knowledge, participatory science, and modern climate analytics into a fancy predictive-phenology platform, won the popular vote (thanks in part to F&ESers getting out the vote) and tied for Judges' Choice. We hope to implement the project in collaboration with researchers from Cornell and UMass Amherst. Thanks to those of you who voted for us! Some of you may expect postcards."

CLASS NOTES

1995

**Class Secretaries**

Marie Gunning  
*Mjgunning@aol.com*

Ciara O'Connell  
*cmoconnell@comcast.net*

**Lindsey Brace Martinez** writes: "After 15 years at Cambridge Associates, an investment advisory firm in Boston, I decided it was time to try something new. I left in January, took time off to play with my kids this past summer, and recently have taken on some new assignments. In August, I joined the Board of a listed U.K. company called Impax. It's an asset management firm that has a resource efficiency, water, and sustainability focus. I'm their first female and U.S.-based Board member, so it's a first for both of us! I am exploring a few other projects that are focused at the intersection of business, strategy, and resource management. It's been fun! One thing I did this summer was take a 1,500 mile road trip out to Niagara Falls, up to Ontario, Canada, and over to Maine. I spent a week with **Dave Moffat ('94)** and his wife, Carol Hall, as well as **Don Redmond ('94)**, **Diana Wheeler ('94)**, and their two kids. It was so fun to see them. Unfortunately, my husband, Peter, couldn't take the time off. We had some great meals, told ghost stories, and spent a lot of time in the lake. On the Yale front, I have been back to New Haven several times. I stayed with **Eliza Cleveland ('94)** and got her V.I.P. tour of the Peabody Museum. I also saw **Stu Staley** who is dominating the commodities markets in London and is also on the Advisory Board for the Yale Center for Business and the Environment. I joined last fall and have really enjoyed meeting and get involved with both F&ES and SOM students, teachers, and alums."

2000

**Class Secretaries**

Erika Schaub  
*easffe@hotmail.com*

Zikun Yu  
*info@ayuglobal.com*

**Linus Chen** is serving as co-chair of the Endangered Species Committee of the American Bar Association's Section of Energy, Environment, and Resources. The Committee just hosted its first event with the DC Chapter of the Society for Conservation Biology (SCBinDC).

**Yuki Matsuoka** writes: "I'm currently on maternity leave and enjoying the slow life with a baby! The southern islands, including Ryukyu Amami, where we live, will be registered as a World Natural Heritage site within a couple of years. So if any of you have a chance to come to Japan, please let me know."

**Anne Todd Osborn** writes: "10 grandkids (9 since graduation). 4 rules: be safe, be kind, learn something, teach something. 220 acres under conservation easement. 1 mile of trail corridor protected to join 2 state parks."

**April Reese** writes: "Last year, I took a job with *Discover* magazine as an Associate Editor and moved to Milwaukee, Wis., from Santa Fe, N.M. I edit features as well as the magazine's 'Notes from Earth' column, which showcases intriguing work in the Earth and environmental science realm. In other news, through a stroke of serendipity, last spring I had the pleasure of mentoring recent F&ES grad **Geoffrey Giller ('14)** during his four-month fellowship with *The Open Notebook*. At *Discover*, I'm always looking for great story ideas, so if you're working on an important project the world should know about, don't hesitate to get in touch!"

2001

**Class Secretaries**

Leigh Cash  
*cash@statsrule.com*

Adam Chambers  
*adam.chambers@por.usda.gov*

Jennifer Grimm  
*jennywgrimm@gmail.com*

**Michael Benjamin** writes: "I teach science to elementary through high school students in New Milford and in Lakeville, Conn. I also work part-time as Land Steward for the Kent Land Trust. I live with my wife and two teenage daughters in Kent on the campus of Kent School. Country life is treating us well."

**Leigh Cash** writes: "James, the dogs (Luke and Lola), and I continue to love living in New Mexico. I wrapped up my postdoctoral studies in statistics early to accept a staff scientist position in the Weapons Physics directorate here at Los Alamos National Laboratory. It is the most amazing and fascinating work I could ever have imagined doing."

**Matt Clark and Abby Sarmac** are living in the southern Ecuadorian Andes in the small city of Loja with their two boys, Rowan and Quillan. Matt is enjoying his fundraising and communications job with the conservation

NGO Nature and Culture International. Abby recently finished up her ten-year tenure with The Lemelson Foundation and is enjoying a few months of gainful unemployment before figuring out her next professional steps.



**Chris Nyce** writes: "I am the Energy & Environment, Science, Technology, Health Officer for the U.S. Embassy in Santiago, Chile. I arrived with my family in July 2014 and will be working here until 2017. This is the dream job that I left the Forest Service for back in 2005. The many U.S.-Chile partnerships in science and technology make this job particularly rewarding to be a part of. I get to go from the most important astronomy observatories in the world in Chile's Atacama Desert to Torres del Paine National Park in Patagonia (see photo), all in the course of my work promoting science diplomacy. Our three girls, Rasa, Priya, and Jaya, love their school at Nido de Aguilas, and I am getting some good surfing in down here in the chilly water full of left-hand point breaks. If you are in the neighborhood, please know you can come and stay with us."

**Jen-Osha Buysse** writes: "Last year, I finally started the school of my dreams: the Mountain Stewardship and Outdoor Leadership school! At Mountain SOL, we create fun, fully immersed experiences for kids from pre-K through high school. Our emphasis on passion, personal responsibility, and leadership skills equips Mountain SOL students with the tools to make real changes in their communities and the world at large. The kids call themselves 'tree-climbing, deer-tracking, woods-running, dirt-digging, plant-growing, fun-loving, mountain-mapping, owl-calling, adventure-loving Mountain SOL Scouts.' As for my family, my sons Elijah Storm and Rowan 'Crittter' are 11 and 4 now. Nick and I live happily on a small mountain farm with lots of dogs, chickens, gardens, and kids."

**Aya H. Kimura's** first book, *Hidden Hunger: Gender and Politics of Smarter Foods* (2013, Cornell University Press), won the Fred Buttel



Outstanding Scholarly Award. Her next book, tentatively entitled *Risky Foods* and *Citizen Scientists: The Gender Politics of Food Contamination after the Fukushima Nuclear Accident*, will be out next year (Duke University Press). Aya also has a co-edited volume, *Food and Power: Visioning Food Democracy in Hawai'i* (University of Hawaii Press), which hopefully will be published next year as well.

**Michael Sterner** writes: "I am living in Cuernavaca, Mexico where my wife, **Blair (EPH '02)**, is a public health researcher. We have 3 kids. I continue my Oregon law practice virtually. I would like to hear from F&ES alumni working in Mexico and Central America."

## 2003

### Class Secretaries

Benjamin Hodgdon  
[benjamin.hodgdon@gmail.com](mailto:benjamin.hodgdon@gmail.com)

Peter Land  
[peter.c.land@gmail.com](mailto:peter.c.land@gmail.com)

**Ruth Baker** and her partner welcomed their first child, Grace Quinn, on St. Patrick's Day. Everyone is happy and healthy. Ruth is currently an Assistant Professor of Geography at the University of Wisconsin–River Falls.

**Daniela Cusack** writes: "This year I am on sabbatical on a Fulbright Scholar fellowship in Panama. I am hosted by the Smithsonian Tropical Research Institute, and I am researching soil carbon storage across nutrient and rainfall gradients in Panama (working all around the country). I am hoping to include forests around the place **Oli Grantham** has here. Today, outside our window, we saw five tucancillos, and a pair of woodpeckers has decided that our house is offensive; they start their attack at 6 a.m. every day and are louder than a chainsaw. I invite all classmates to come visit!"

**Alison Forrester** writes: "A highlight of this past summer was a mini-reunion in London with **Flo Miller**, **Bill Finnegan**, the Finnegan kiddos, **Ilmi Granoff ('04)** and **Liz Roberts**. We were also excited to have a visit from **Marni ('04)** and **Nathaniel Carroll** and their little ones. On a backpacking trip in the Sierra Nevada with **Laura Tam**, we ran into a group of hikers from the F&ES Class of 2015. Our F&ES crew in San Francisco is still solid; come visit, or better yet, move here!"

**Jason Gear ('03 Ph.D.)** writes: "Joan and I are living on the Rhode Island shore with our son Eli, who attended the 2003 F&ES Commencement as an infant. Our oldest son, Max, is now a sophomore after doing a

gap year in Peru; Willie is doing a gap year of service work in Brazil. I continue to work as an ecologist in the Environmental Protection Agency's national water research program with an emphasis on the effects of nitrogen and carbon loads in coastal waters."

**Bronson Griscom ('03 Ph.D.)** writes: "**Heather Griscom ('00, '04 Ph.D.)**, and I run a zoological park at our residence in Harrisonburg, Va., with three girls under five years old. When we are not attending to our monkeys, Heather is a tenured biology professor at James Madison University, and I am Director of Forest Carbon Science at The Nature Conservancy.

**Brian Goldberg** recently celebrated his August wedding to Missy Nystrom with family and some F&ES friends on the shores of Lake Chautauqua, N.Y. Gorgeous weather prevailed for the outdoor wedding as some guests remarked: "Brian and Missy's careers serving the environment earned stunning weather from the powers upstairs."

**Dr. Krithi Karanth** married Avinash Sosale in summer 2015 and was chosen as a Young Global Leader by the World Economic Forum.

**Andres Luque** writes: "After finishing my Ph.D. and a couple of years as a postdoc, I have just been appointed Lecturer in the Geography Department at Durham University (United Kingdom). I'm working on critically unpacking ideas around 'smart cities' and digital urbanism. I teach a course entitled "Cities and the Governing of Climate Change," and in my research I'm examining emerging forms of (sometimes more and sometimes less) sustainable infrastructure in cities in the global South, particularly energy infrastructures. If anybody comes to the north of England, it would be great to get in touch!"

**Abdalla Shah** writes: "This has been a year of change for me, professionally, at least. After six years as Head of Office for the International Union for Conservation of Nature (IUCN) Tanzania, I am now a Climate Change Advisor for the United Kingdom's Department for International Development (DfID), Tanzania. I left IUCN in March for short-term consultancies, including a one-month stint in South Sudan. I started with DfID in July with new challenges and different perspectives. On another note, my other locally-based F&ES colleagues and I met the U.S. Ambassador, **Mark Childress (YC '81)**, in Tanzania; we had a good discussion on various issues. The major take-home from this meeting was that he was willing to engage further and see what we can do

together to contribute to natural resources management and conservation matters in Tanzania."

**Ninian Stein** has accepted a hopefully long-term position as Lecturer on a Lecturer/Senior Lecturer track in Environmental Studies at Tufts University. She is optimistic about securing secondary appointments in the Department of Anthropology and with the Tufts Institute for the Environment. Toddler Rowan and basset hound Buddy are enjoying their new house, yard, and garden in Medford, Mass.

## 2007

### Class Secretary

Kate Neville  
[kate.neville@aya.yale.edu](mailto:kate.neville@aya.yale.edu)

**Erin Barnes** writes: "Individuals just like you have now used ioby to raise more than \$2 million to create, fund, and make projects in their own communities. Shout outs to **Georgia Silvera Seamans ('01)** and **Drena Howard ('06)** for leading ioby campaigns to create positive, sustainable change in their neighborhoods. We're building on our successes in NYC, Memphis, Los Angeles, and neighborhoods across the nation to open offices in Detroit, Cleveland, Pittsburgh, and Washington. We're going to need your help spreading the word about open positions and how we can help bring great ideas to life."

[ioby.org](http://ioby.org)

**Amanda Moss Cowan** finished a two-year postdoctoral program at the University of Oxford in July and moved back to the United States to start her new position as Assistant Professor of Management at the University of Rhode Island College of Business Administration. Besides teaching strategic management to senior undergraduates, she continues to research business responses to environmental crises. Now that she's living in Providence, she looks forward to spending time with fellow-PVD residents **Joanna Carey** and **Jules Opton-Himmel**, as well as other F&ESers in the area.

**Derrick Dease** writes: "Hi, all! It's been a while since I sent an update, but trust me, things have been crazy since we last 'spoke.' Namely, I've moved on from International Paper and left the sandy shores of Myrtle Beach, S.C., to become the Environmental Manager at LarfargeHolcim's cement manufacturing facility in Florence, Colo. I'm living in the Fountain area (just south of Colorado Springs), and I'm in Denver pretty frequently. I'd love to connect with fellow F&ESers in the area."

CLASS NOTES

**Qian Fang** writes: “I am currently doing Business Development for Shanghai Disney Resort. This will be the first Disney resort in mainland China. Everyone is welcome to come after it opens in 2016.”

**Rachelle Gould** is moving to Vermont and hopes that the people who’ve told her that Burlington is like a “miniature (and MUCH more snowy) Berkeley” are correct! After eight years in Silicon Valley (though not doing anything much related to Silicon Valley, but instead doing a doctorate and a postdoctoral program at Stanford University), she is pulling out the cross-country skis, snowshoes, and long underwear. Rachelle will be an Assistant Professor of Sustainability and Global Equity at the University of Vermont’s Rubenstein School of Environment and Natural Resources. She’s thrilled and really hopes she sees a moose very soon.

**Marc Hiller** writes: “Erica and I are being kept very busy in Portland, Ore., with Miriam (age 3), Simon (6 months), work, and enjoying the Pacific Northwest.”

**Kevin Lauterbach** is living on Maui. He works at Hui Malama Learning Center as the STEM teacher and tries to run his classes like MODS. [hualamama.org](http://hualamama.org)

**Dawn Lippert** writes: “I’m still living in Hawaii, and a few years ago I founded the Energy Excelerator to fund startups that are working to solve the world’s toughest energy, water, and agricultural problems. So far we’ve raised about \$40M for the Energy Excelerator and funded 32 startups, with more to come! I now chair our state’s energy advisory board, a path that I was set on during **Professor Marian Chertow’s (SOM ’81, ’00 Ph.D.)** industrial ecology class and a class project on the Big Island of Hawaii. After some twists and turns, I’ve been in Hawaii for over 6 years working on clean energy, and I love working at the intersection of policy & entrepreneurship. I loved running into **Professor Dan Esty (LAW ’86)** and some other F&ESers at the Aspen Institute this summer!”

**Charlie Liu** writes: “I married Patrice Liu (née Murphy) from Nova Scotia in 2013 and we now have a 14-month-old daughter, Georgia. I’ve been working for an industrial biotech company doing research and development and producing renewable chemicals for the past five years in Shanghai. They have developed a process to make renewable nylon with one third the carbon footprint of current petrochemical nylon and other properties that make it potentially safer

and more environmentally friendly. We’re working on building our first U.S. production facility, so I’m based in Chicago now and trying to figure that out; I’m also starting business school at the University of Chicago in a few weeks.”

**James McConaghie** writes: “I completed my Ph.D. in ecology at UC-Davis last spring, moved to Portland, got engaged, and have since started a permanent position with the Oregon Department of Environmental Quality providing scientific review of new water quality standards and developing new assessment methodology. It’s been a busy year!”

**Kate Neville** writes: “I’m hoping that Oliver Wendell Holmes Sr. is right when he says “The axis of the earth sticks out visibly through the centre of each and every town or city.” After three years spent living at the BC-Yukon-Alaska border in an off-grid log cabin in the woods, I’m launching a new urban, southerly phase of life, where I’ll be looking for the axis of the earth in the city of Toronto! I’ve just started a position as an Assistant Professor at the University of Toronto, split between the Department of Political Science and the School of the Environment. As I’ve fallen madly in love with the sub-Arctic landscape, and my research continues to focus on contested energy developments in that region (fracking, pipelines, etc.), I’ll still spend my non-teaching time up North. Meanwhile, here amidst the people and concrete and vibrant culture of the city, I’ll be scouting out the pockets of wildness and wilderness and enjoying the chance to work with amazing students and faculty.”

**Suzu Oversvee** writes: “My husband Steve, daughter Elise (3), and I welcomed Sybil Ann Oversvee Quarterman to our family in November 2014. Shortly before Sybil was born, we moved from Seattle to Everett, Wash., close to the Snohomish County Public Utility District, where I manage energy efficiency programs. Drop me a line if you’re in the area!”

**Mike Perlmutter** writes: “I’m living in Berkeley, Calif., with my wife, Alicia, and our new daughter, Sofia. Life is very full with parenting, work, and music. I’m working for the City of Oakland managing a program that supports volunteer initiatives to clean and green the city. Outside of work, I perform regularly at weddings, concerts, and other festive occasions with Inspector Gadje Balkan Brass Band and Saul Goodman’s Klezmer

Band. And at home, I make sure to always have homemade sauerkraut on hand; come by and try some.”

**Alark Saxena (’15 Ph.D.)** writes: “I graduated from the doctoral program and walked with the Class of 2015. Right before graduation, I was hired as a Lecturer and Associate Research Scientist at F&ES. I currently teach an online course on Himalayan diversities and am developing another course on climate change resilience. Apart from teaching and research, I am also the Program Director of the Yale Himalaya Initiative. I married **Alder Keleman (’06)** in 2013. I had a good time writing my thesis in Bolivia, where Alder was finishing her doctoral field work on food security. We live in the same building/apartment where I have lived since 2008, and we will be very happy to host anyone visiting Yale.”

**Vanitha Sivarajan (’09)** writes: “I just moved from Atlanta, Ga., to Washington, D.C., for a job change. In Atlanta I was working from home as a Development Director for the Model Forest Policy Program on community-based climate adaptation work. My new job is with the Department of the Interior in Foggy Bottom. Though I miss writing grants, I get to geek out all day over climate adaptation and natural resources management as a Policy Analyst without having to worry about raising a dime! It also gets me back to the international realm, as I’ll be focusing some of my work on the Arctic. I love being back in an office environment again with great coworkers and am excited to reconnect with other F&ESers here in D.C.”

**Nadav Tanners** is living in Somerville, Mass., with his wife, Leah, and his two sons, Eli (4) and Kai (1). He is a Senior Associate at Industrial Economics, and his recent work includes system dynamics modeling work for the Environmental Protection Agency and regulatory analysts support for the Food and Drug Administration’s Center for Tobacco Products.

**Kate “Woody” Tipple** writes: “Hi to everyone! This past year I finished law school at the University of Utah with a certificate in environmental and natural resources law. As part of the Pace Moot Court team, I travelled to New York, where we won best brief for our side. I am now at Parsons Behle & Latimer, working on water issues and litigation. My husband, **Brett Tipple (GRD ’09 Ph.D.)**, and I enjoyed a visit from **Becca Barnes (’08 Ph.D.)** in June. We were also able to visit **Terry Baker** in August while he was

busy saving the West Coast from fires. As always, we would love to see you for a hike or a ski!"

**Justin Westrum** writes: "I recently moved from Berkeley, Calif., to Melbourne, Australia, where I'm working as an environmental consultant. I'm also engaged to a lovely gal from New Mexico who teaches photography at RMIT University and is the reason I moved to Oz."

## 2008

### Class Secretaries

Angelica Afanador Ardila  
*angelica.afanador@aya.yale.edu*

Kelsey Kidd Wharton  
*kelseyk.wharton@gmail.com*

**Mariya Absar ('09)** writes: "I am living in Knoxville, Tenn. About a year ago, I enrolled in a joint doctoral degree program with the University of Tennessee and Oak Ridge National Laboratory so I could continue studying the impacts of climate change on the water-land-energy nexus. The work is extremely challenging, but it keeps me on my toes. For leisure, I resort to biking the greenways, kayaking in the nearby lakes, or going hiking in the Smoky Mountains."

**Ali Akram ('15 Ph.D.)**, writes: "I'm in Washington, D.C., with my wife, Zahra, and young son, Zain. I'm a postdoctoral fellow at Evidence Action conducting development economic research."

**Christopher Clement** writes: "I married the love of my life, Danielle, near my family's home in the mountains of North Carolina this past June. After living apart for too long, we have made a cute home in Durham, N.C. I am throwing my heart and soul into finishing my doctorate in ecological economics from the University of Vermont this year. All the while, I am working on a start-up company with some other recent Ph.D.s in clean energy investment, in the hopes of pivoting out of academia once I graduate."

**Zeke Hausfather** is pursuing a doctoral degree at the Energy and Resources Group at the University of California, Berkeley while working as the Chief Scientist of the energy efficiency startup Essess and as a Research Scientist at the non-profit Berkeley Earth.

**Amy Heinemann** writes: "After working in renewable energy policy since F&ES, I decided to make a transition last year. I am finishing up my second year of business school at New York University Stern School of Business and am looking forward to working

in the Natural Resources investment banking group at Goldman Sachs following graduation."

**Innocent Liengola** writes: "I will be enrolled in the coming spring semester at the Université de Liège in Belgium to continue with my doctoral studies in landscape ecology with Professor Jan Bogaert as my advisor. I am excited about the challenge of shifting from the American education curriculum to European education policies and requirements. I am leaving behind at home in Kinshasa, Democratic Republic of the Congo, my lovely wife, three teenage boys, and one girl. It is not easy, but ..."

**Paula Randler** writes: "Home improvements in Tucson are going well. The cistern is full and the chickens are restless."

**Peyton Smith** began a postdoctoral position at Pacific Northwest National Labs (PNNL) in Washington at the end of 2014. At work, she explores physiochemical and microbiological stabilization mechanisms for organic matter in soils via integrating multi-omic data, and at home, she chases around her small mini-scientist (2-year-old daughter) and large Irish Wolfhound.

## 2012

### Class Secretaries

Simon De Stercke  
*simon.destercke@aya.yale.edu*

Naazia Ebrahim  
*naazia.ebrahim@aya.yale.edu*

Alison Schaffer  
*schaffer.alison@gmail.com*

Leigh Whelpton  
*leigh.whelpton@gmail.com*

**Amit Ashkenazy** writes: "I am doing my Ph.D. at the Delft University of Technology, modelling environmental policy processes, especially in sustainable cities and mobility. I am also consulting government ministries, foundations, and NGOs on environmental policy, strategies, and campaigns."

**Matthew Browning** writes: "Lara and I just started faculty positions in the Department of Recreation, Sport and Tourism at the University of Illinois at Urbana-Champaign. We are also renting out a mother-in-law suite in our house through Airbnb, so please come and visit if you are driving through the Midwest!"

**Anuj Desai** writes: "Ziya Valentina Desai was born in February to Joanna and me. She's big-eyed, smiley, super curious, and very forgiving of her rookie parents. Ziya came home from the hospital just hours before

we finished a renovation to a new home we bought on the east side of Los Angeles. I am working at Southern California Edison, oftentimes on projects with **Alyssa Go ('11)**. Otherwise, the time is spent exploring L.A. with Ziya as she wraps me around her little pinky and cements her status as Daddy's little girl. Come check her out if you're in town!"

**Ariel Patashnik** writes: "After three years in beautiful New Mexico, I headed out to Santa Rosa, Calif., this June for a job with the Sonoma Land Trust. My mutt Acer and I are enjoying it so far; he's skeptical about trading mountains for ocean, but I hope to win him over. I look forward to connecting with all the Bay Area F&ESers soon!"

**Emily Schosis** is still working as the Sustainability Planner at Virginia Tech. With her army of 17 student interns, she educates the campus and larger community about sustainable, low-impact lifestyles. She and her dog Banjo spend their free time hiking around the Appalachian Trail, writing poetry (Banjo's poetry is really top notch), and taking in the small-town charm of Blacksburg, Va.

**Yang Tian** writes: "I've been conducting my doctoral research at Harvard on climate dynamics, concentrating on the interaction between small-scale cumulus convection and the large-scale environment."

**Pablo Torres** writes: "I joined a USAID contractor in July as an Operations Manager and Climate Finance Specialist. Much of the work is focused on Latin America (though I am based in Washington, D.C.), so this makes me happy! As for my other activities, I've been competing in triathlons all year long and I'm getting ready to run the Philly marathon. I've taken up a leadership role in the Board of the DC Triathlon Club."

**Andrew Zingale ('13)** returned to the California State Legislature earlier this year, where he is serving as the Legislative/Policy Director for State Assemblyman Kevin Mullin (D-22). He is still living in Oakland but working in the Sacramento and San Mateo offices.



CLASS NOTES

2013

Class Secretaries

Judith Ament  
judithament@gmail.com

Adedana Ashebir  
adedana.ashebir@gmail.com

Rebecca de Sa  
rebecca.desa@aya.yale.edu

Laura Johnson  
laura.a.johnson@aya.yale.edu

Victoria Lockhart  
victoria.lockhart@aya.yale.edu

**Victoria Lockhart** writes: "I spent a busy summer getting married, adopting a wonderful Labrador-mix puppy named Dos, and moving to Birmingham, Ala., for a new role as Forest Planner with Resource Management Service. I'm looking forward to a great fall and hoping there might be some other F&ES grads hiding in my new town!"

**Teodora Stoyanova** writes: "Together with a group of friends over the summer, we realized the Sea Sunflowers project by modifying seven beach umbrellas with solar panels and turning them into free charging stations for electronic devices. I am working to promote renewable energy and the creation of a better and more eco-friendly Bulgaria."

**Mona Wang** writes: "Protecting the world's forests from major agricultural commodities through private sector and policy initiatives at World Wildlife Fund (WWF) is no small task, but the fancy coffee at WWF sure helps!"

2014

Class Secretaries

William Georgia  
william.georgia@yale.edu

Chetana Kallakuri  
chetana.kallakuri@aya.yale.edu

Lin Shi  
linshiknox@gmail.com

Cary Simmons  
cary.simmons@tpl.org

Karen Tuddenham  
karen.tuddenham.yale@gmail.com

**Urs Dieterich ('15)** writes: "Make life beautiful, keep believing in yourself and in others, look forward, and keep your past as a precious treasure to help guide you toward the future."



**Vivienne Caballero ('15)** and Kike Calvo welcomed their adorable baby girl, Pilar Calvo Caballero, on April 5, 2015. They are pictured here with Gordon Geballe at the 2015 F&ES Commencement. Vivienne has been working with GEM on policy diffusion of community forestry in Latin America. Kike can't wait to take the baby on his photo expeditions. Both are loving every second with Pilarcita!

**David Emmerman ('15)** writes: "I will be moving to Washington, D.C., in January to start at Boston Consulting Group. Until then, I am abroad studying languages and backpacking as many continents as I can manage!"

2015

Class Secretaries

Akiva Fishman  
fishman.akiva@gmail.com

David Gonzalez  
david.j.x.gonzalez@yale.edu

Philip Kunhardt  
philip.kunhardt@yale.edu

Frances Sawyer  
Frances.Sawyer@aya.yale.edu

Eric Vermeiren  
ericvermeiren@gmail.com

**Whitney Boone** writes: "I am working at the National Park Service on Alaska's natural resource planning, reporting, and evaluation efforts. Merlin and I are loving being married and living together, which is a radical concept for us. We are thoroughly enjoying life in Alaska, and all of the awesome adventures we're having make up for the fact that I'm scraping ice from my windshield in September!"

**Joseph Calamia** has been promoted to Senior Editor for science and technology at Yale University Press, where he acquires new book projects for general interest readers and course use related to physical sciences, technology, and environmental sciences and studies.

**Akiva Fishman** writes: "I'm in New York this year finishing up law school at New York University and consulting part-time for the World Resources Institute (WRI). It's a lot of fun, but law school's got nothing on F&ES in the community department. I miss you guys!"

Even though **Susannah Harris ('16)** walked with her F&ES "social class" in May 2015, she is back in New Haven for one more year to complete her joint degree program (M.E.M./M.B.A.). She is taking a wide variety of classes across many Yale professional schools, including a six-person law seminar on chemical controls taught by Don Elliot, former General Counsel to the U.S. Environmental Protection Agency. Outside of class-work, she enjoys serving on the F&ES Alumni Association Board, supporting F&ES Career Development Office events, and meeting the next generation of F&ESers at school-wide social events.

**Gator Halpern** writes: "Sam Teicher and I recently went down to the Dominican Republic to visit a potential site for Coral Vita's first coral nursery. I'm also working out of the mobile office (a 2001 Honda Accord), as I drive across the United States visiting as many National Parks, disc golf courses, and friends as possible along the way."

**Corey Johnson** moved to Washington D.C. after graduation, where he joined Booz Allen Hamilton as an energy consultant.

**Philip Kunhardt ('16)** married **Laura Torre (LAW '14)**, on May 20, 2015. Philip is set to complete the final courses of his M.F.S. degree this fall. The two have moved to Midtown, Manhattan, but make regular forays out of the grey urban sprawl and into the green countryside.

**Kristina (Krysia) Solheim** writes: "I spent the summer interning at the United Nations Environment Programme in Washington D.C. I just came back to New Haven and am doing research on sustainable cities with Worldwatch Institute and part-time with the New Haven Transportation, Traffic and Parking Department on a new sustainable transit initiative (GoNewHavenGo). I'll be here until December 2015, and then, who knows?"

**Jong Tae Park** writes that he is working with the Environmental Defense Fund designing an energy strategy for Iron Mountain.

**Logan Yonavjak** writes: "I am in the process of finishing my Executive M.B.A. degree with a focus on asset management. I am also consulting with a boutique investment management firm focused on providing impact investing expertise to high-net-worth and family offices in the United States."

## KEY TO MACRO OR MICRO IMAGES ON PAGE 2

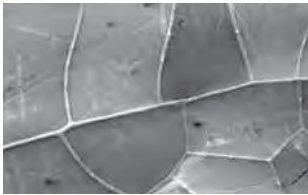
### Shell of a Green Sea Urchin



**MICRO** – Width of image approximately 4 mm; scanning electron microscope image.

*Imaged and processed by P. Kelly.*

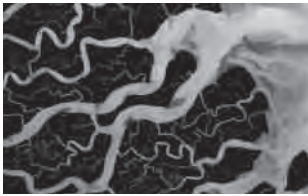
### Surface of the Wing of a Blue Darner Dragonfly



**MICRO** – Width of image approximately 3 mm; colorized scanning electron microscope image.

*Imaged and processed by P. Kelly.*

### Ganges-Brahmaputra Delta, West Bengal, India



**MACRO** – Approximately 100 km by 70 km; Landsat ETM image; image taken on November 15, 1999. An RGB 741 (mid-IR, near-IR, Blue wavelengths) image was created and converted into black & white.

*Raw data downloaded from Global Land Cover Facility; processed by S. Young.*

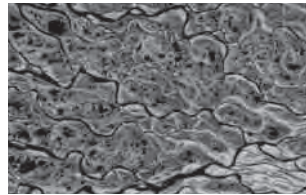
### Great Salt Desert, Iran



**MACRO** – Approximately 30 km by 18 km; Landsat ETM bands 742 RGB color composite (shortwave-infrared, near-infrared, green spectrum); image taken August 28, 2000.

*Raw data downloaded from Global Land Cover Facility; processed by S. Young.*

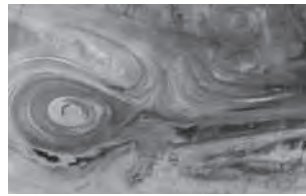
### Lena River Delta, Siberia, Russia



**MACRO** – 74 km by 52 km; Landsat ETM panchromatic Band 8 (visible spectrum); image taken June 30, 2000.

*Raw data downloaded from Global Land Cover Facility; processed by S. Young.*

### Dasht-e Kavir Desert Region, Iran



**MACRO** – Approximately 56 km by 27 km; Landsat ETM 641 RGB color composite (Thermal-infrared, Near-infrared, blue spectrum); image taken August 19, 2005. Red = heat.

*Raw data downloaded from Global Land Cover Facility; processed by S. Young.*

Visit Kroon Hall before the end of December to view the entire interactive exhibit in person!

### Surface of the Tongue of a Northern Leopard Frog



**MICRO** – Width of image approximately 500 microns; scanning electron microscope image.

*Imaged and processed by P. Kelly.*



Bill Keeton '94 M.E.S., Professor of Forest Ecology and Forestry at the University of Vermont's Rubenstein School of Environment and Natural Resources, spent a month this past summer in Bhutan conducting field research on climate change effects on wildfires in Himalayan blue pine forests. These mid-elevational, fire-prone forests comprise the critical wildland-urban-interface around some of Bhutan's larger towns in the northwestern part of the country. This is a photo of Bill hiking back down to the capital city of Thimphu at the end of a long day of field work at one of the study sites in the surrounding mountains.

Note that Bill is sporting his F&ES hat in the field. See page 51 to learn about a soon-to-launch website that will make it easy for alumni and friends to purchase F&ES hats, t-shirts, and more online!

## IN MEMORIAM

### **Calvin B. Dunwoody '48 M.F.**

(1921-2015) of Kennebunk, Maine, passed peacefully on July 22 in Portland. Calvin was an explorer, adventurer, world mountaineer, 50 State Highpointer, triathlete, yachtsman, pilot, lacrosse player, skier, and swim coach. Born in Newport, R.I., and raised in Swampscott, Mass., Calvin graduated from the Massachusetts Institute of Technology in 1943 before earning his master's degree from the Yale School of Forestry. During WWII, he served in the American Field Service, receiving the British Empire medal in 1944. In 1988, he retired as Director of Planning and Development for the State of Rhode Island's Department of Environmental Management after 35 years, previously holding the position of Chief of Forestry for the Department of Natural Resources. His wife, Helen, to whom he was married for 53 years, predeceased him. He is survived by his daughter, three sons, seven grandchildren, and his sister, as well as by friends and those he generously mentored.

### **Sheldon Greene '57 M.F.**

(1932-2015) of Lewisburg, Pa., passed away on October 10 after a long struggle with Parkinson's disease. Born in the Bronx, N.Y., and raised in North Hampton, Mass., he graduated from the University of Massachusetts with a bachelor's of science degree in forestry and obtained a master's degree in wood technology from the Yale School of Forestry. After his retirement from Wood-Mode, Inc., he volunteered his time at the Lewisburg Library and the Slifer House Museum. Sheldon was an avid reader with interests in history, sailing, fishing, and gardening. A loving and devoted husband and father with a gentle heart, he will be greatly missed by family and friends, especially his loving wife of 62 years, Renate, his three children, a son-in-law, and his two brothers and their families.

### **Alfred M. Greer Jr. '53 M.F.**

(1918-2015), who lived in Hooksett, N.H., died peacefully on July 15. Having served in the U.S. Army in World War II, he was one of the last surviving Merrill's Marauders. A graduate of the University of Massachusetts and the Yale School of Forestry, Alfred worked as a highway engineer for the State of New Hampshire before moving to Alaska in 1972, where he was employed as the state ecologist during the construction of the Alaska oil pipeline. Born in Malden, Mass., Alfred married his beloved wife, Della, on June 27, 1949. They celebrated 62 years together until her passing in 2011. He is survived by his five children and their spouses, 11 grandchildren, and five great-grandchildren. Loved dearly, he will be remembered fondly by his family and friends.

### **Leonard R. Howard '56 M.F.**

(1929-2015) of Montgomery, Texas, died on May 26 following a lengthy struggle with Lewy Body Disease. Family, friends, and colleagues will remember Leonard as a teller of true stories, a font of trivial information, a lover of all animals, and an engaged steward of the land. His sharply dry sense of humor as well as his honesty and integrity will be very much missed. Born in New York City, he grew up in Kent, Conn., before attending West Virginia University, where he received his bachelor's degree in forestry in 1953. After a stint in the U.S. Army and employment with the U.S. Forest Service, Leonard obtained a master's degree from the Yale School of Forestry, after which he began work for the Crossett Lumber Company on the Gates District outside of Monticello, Ariz. He served as both assistant district forester and district forester before relocating to Pa. There he worked with both the state forest and park services, and in 1969, he returned to the South to work with the Louisiana-Pacific and Georgia-Pacific lumber companies. From then until his retirement he served as a district, area, and quality control forester. All told, he worked for over 45 years in the timber

industry. Throughout his professional and personal life, he evinced a real interest in and respect for all of the places and people he encountered. Leonard is survived by his wife, Mary Bonita Howard, two daughters, and two grandchildren.

### **Michael Roy "Mike" Murray '64 M.F.**

(1941-2015) passed away peacefully on June 11 from complications related to cardiovascular disease. Mike was born in Grand Rapids, Mich. After graduating from Michigan State University, he pursued a master's degree at the Yale School of Forestry. It was in New Haven that he married Diane DeCommer in the same year he obtained his graduate degree. Mike's career took his family to many states, but it was during business travel to Portland, Ore., that he decided he would someday call the city home. He and his family finally settled there in 1977, where he worked at Disdero Lumber before founding Wood-Lam Structures. Mike also served on the Board of Tumatic Lumber and co-founded the Structural Roof Erectors Association. He retired in 2001, lucky to have loved his career and all the people he worked with through the years, many of whom became close, lifelong friends. Mike volunteered on and for a number of committees, associations, and causes. He held many positions at the Charbonneau Golf Club in Wilsonville, where he lived for years. Fishing the state's rivers was a particular joy for him, inspiring him to serve as a guide on many occasions. Likewise, building a house in Manzanita was a special pleasure, but he decided that golf was better in a sunnier climate, so he moved south to Heritage Palms in Indio, Calif., where he and Diane spent the winter months for more than 15 years. Predeceased by his brother, Mike is survived by his wife of 51 years, their two daughters, his son-in-law, three granddaughters, his sister-in-law, and many cousins, nieces, and nephews.



**William Gibson “Bill” Rogers ’58 M.F.**

(1932-2015) was born in Atlanta, Ga. He attended Georgia Tech and later transferred to the University of Georgia in Athens, where he received a B.S. in forestry. Bill then served on active duty with the U.S. Naval Reserve in the Pacific Area, attaining the rank of Lieutenant. Under the auspices of a Naval Scholarship to Yale, he earned his master’s degree from the School of Forestry. Upon graduation, he took his first job with the former United States Plywood Corp. and developed his career with that organization under various appointments for the next thirty years. It was shortly after returning to Atlanta that he met and married Margaret “Peggy” Hahn, with whom he had three sons. Bill’s career with the same forest products organizations included a series of responsibilities and moves from Atlanta to Nashville to Lake City to New Orleans and finally throughout the country as National Accounts Sales Manager. Upon the dissolution of U.S. Plywood, he entered into a period of public service by joining the staff of Florida’s Department of the State’s first forest products co-op, The Olde South Trading Group, and early promotions associated with the nascent “Fresh From Florida” program. When he retired after ten years with the Department of Agriculture, he established a private practice as a Certified (SAF) Forester and Certified (ISA) Arborist through his consulting firm, Scientific Tree Care of Tallahassee. He held leadership positions as President of the Lake City Rotary Club, President of the Capital City Kiwanis Club of Tallahassee, and as a founding charter member of both the Marzuq Shriners Club and the Bradfordville Kiwanis Club. In one of his final gestures of service, Bill became a volunteer with the Florida Guardian ad Litem Program. Many of his final years were spent enjoying the sunsets from his dock on Apalachicola Bay near the home he and Peggy shared. She, and their sons, survive him.

**Edgar L. “Ed” Vaughn Jr. ’87 M.E.S.**

(1935-2015) of Orange, Conn., passed away on June 30. His professional career was spent in the town, where he helped to grow the family business, Vaughn Nurseries, and where he enjoyed a tenure of 37 years as Tree Warden. Some of his notable achievements included landscaping the Connecticut State Capitol and designing the arboretum in Milford. In his youth, Ed was a keen sportsman who won the Scholar Athlete award at Hillhouse High School. As a college undergraduate, he played baseball and football for the Massachusetts Institute of Technology and played hockey for Cornell University, from which he graduated. His graduate degrees included one in botany from Southern Connecticut State University and a second in silviculture from the Yale School of Forestry & Environmental Studies. Ed was proud of his service in the Connecticut Air National Guard. In his spare time he was very fond of music, singing, crossword puzzles, biking, traveling, writing poetry, and socializing with friends. He loved the outdoors, especially when pacing job sites, rambling through forests, and climbing mountains, and he truly cherished time spent at the family cabin on Highland Lake in Stoddard, N.H. Preceded in death by his first wife, Lois Guthridge, and his second wife, Penny Vaughn, he is survived by his two sons, his daughter, their spouses, six grandchildren, two sisters, and several nieces and nephews.

## CLASS OF 2014 CAREER UPDATE

### ACADEMIC (K-HIGHER EDUCATION)

**Postgraduate Associate**  
New Haven, Conn.

**Royal University of Bhutan,  
College of Science & Technology**  
Chukha, Bhutan

**Sacred Hearts Schools**  
Lahaina, Hawaii

**University of California Los Angeles**  
Los Angeles, Calif.

**Wgeningen and Sikkim Universities**  
Katmandu, Nepal

**Yale Center for Business and  
the Environment (CBEY) – 3**  
New Haven, Conn.

**Yale Center for Environmental Law & Policy**  
New Haven, Conn.

**Yale Peabody Museum of Natural History**  
New Haven, Conn.

**Yale Project on Climate Change  
Communication**  
New Haven, Conn.

**Yale School of Forestry &  
Environmental Studies**  
New Haven, Conn.

**Yale School of Forestry & Environmental  
Studies, Global Institute of Sustainable  
Forestry**  
*Research Assistant*  
New Haven, Conn.

**Yale School of Forestry & Environmental  
Studies, Tropical Resources Institute**  
*Research Fellow*  
Sinhharaja, Sri Lanka

**Yale University Forests**  
New Haven, Conn.

**Yale University**  
New Haven, Conn.

**Yale University, Urban Ecology & Design Lab**  
New Haven, Conn.

### ENTREPRENEURIAL/SELF-EMPLOYED

**BlackStartup**  
*Founding Member & CEO*  
San Francisco, Calif.

**Citiesense LLC**  
*Chief Executive Officer*  
New Haven, Conn.

**Freelance Producer**  
Salt Lake City, Utah

**Futurepast**  
*Vice President of Research and Development*  
Washington, D.C.

**Private Environmental Consultant**  
Trumbull, Conn.

### GOVERNMENTAL, TRIBAL, MULTI-NATIONAL, AND PUBLIC SECTOR

**Administrative Conference of the United States**  
*Attorney Advisor*  
Washington, D.C.

**Antigua & Barbuda Government**  
*Gruber Fellow, Environment Division, Project  
Coordinator*  
St. Johns, Antigua

**Ateneo School of Government**  
*Director*  
Manila, Philippines

**Chief Justice Dana Fabe**  
*Law Clerk*  
Anchorage, Alaska

**City of San Mateo**  
*Managing Arborist*  
San Mateo, Calif.

**Connecticut Supreme Court**  
*Law Clerk*  
Hartford, Conn.

**Consejo Civil Mexicano para la  
Silvicultura Sostenible**  
*Public Policy Specialist*  
Mexico City, Mexico

**National Environment Commission**  
*Senior Legal Officer*  
Thimphu, Bhutan

**New York City Department of Parks and  
Recreation**  
*Urban Forester*  
New York City, N.Y.

**NOAA/Integrated Services, Inc.**  
*Fisheries Biologist*  
Gloucester, Mass.

**North Carolina Clean Energy Technology Center**  
*Energy Policy Intern*  
Raleigh-Durham, N.C.

**Regional Center for Woodland Stewardship**  
*Extension Forester*  
Nord Pas De Calais, France

**The Forests Dialogue, Korean Forest Service**  
*Forest Manager*  
Seoul, Korea

**United Nations**  
*Adviser*  
New York, N.Y.

**United Nations Development Programme**  
*Researcher, Energy and Environment Group*  
Bangkok, Thailand

**U.S. Department of Interior, Bureau of  
Land Management**  
*Presidential Management Fellow*  
Salt Lake City, Utah

**U.S. Department of Interior**  
*Geological Survey, Hydrologist*  
Houston, Texas

**U.S. Forest Service, Ecosystem Services  
and Markets**  
*Presidential Management Fellow, Natural  
Resources Specialist*  
Washington, D.C.

**U.S. Forest Service**  
*Forest Manager*  
Los Gatos, Calif.

**U.S. Forest Service**  
*Forester*  
Waldport, Ore.

**U.S. Forest Service, International Office**  
*Supervisory Forester*  
Washington, D.C.

**U.S. Office of Management and Budget,  
Energy Division**  
*Presidential Management Fellow*  
Washington, D.C.

### NGOs/NON-PROFIT

**African Wildlife Fund**  
*Conservation Management Trainee*  
Nairobi, Kenya

**Calgary Zoo**  
*Conservation Research Fellow*  
Calgary, Alberta, Canada

**Connecticut Audubon Society**  
*Director of the Coastal Center at Milford Point*  
Milford, Conn.

**Connecticut Fund for the Environment/  
Save the Sound**  
*Green Infrastructure Program Manager*  
New Haven, Conn.

**DC Water**  
*Green Infrastructure Planning Coordinator*  
Washington, D.C.

**Eastern Shore Land Conservancy**  
*Coastal Resilience Specialist*  
Queenstown, Md.

**Electronic Industry Citizenship Coalition (EICC)**  
*Audit Program Manager*  
Alexandria, Va.

**Energy Innovation, LLC**  
*Policy Analyst*  
San Francisco, Calif.

**FAFO Research Foundation**  
*China Sustainable Finance Campaigner*  
Beijing, China

**Field Innovation Team**  
*Creative Director*  
Heber City, Utah

**Green Alliance**  
*Policy Advisor*  
London, United Kingdom

**International Institute for  
Sustainable Development**  
*Senior Researcher*  
Thimphu, Bhutan

**Monitor 360**  
*Senior Consultant*  
Washington, D.C.

**National Young Farmers Coalition**  
*Land Access Campaign Manager*  
Hudson, N.Y.

**New Ecology, Inc.**  
*Senior Associate*  
Boston, Mass.

**Pivot Point**  
*Program Specialist*  
Portland, Ore.

**Sierra Club, International Clean Energy Access**  
*Associate Campaign Representative*  
San Francisco, Calif.

**Snow Leopard Conservation Center**  
*Executive Director*  
Tibet, China

**The Mountain Pact**  
*Founder and Executive Director*  
South Lake Tahoe, Calif.

**The Nature Conservancy**  
*Conservation GIS Analyst*  
Harrisburg, Pa.

**The Pew Charitable Trusts**  
*Advisor, Global Shark Conservation Campaign*  
New York, N.Y.

**The Regulatory Assistance Project**  
Consultant  
Montpelier, Vt.

**The Wilderness Society**  
Arctic Lands Conservation Specialist  
Anchorage, Alaska

**Utah Clean Energy**  
Program and Policy Associate  
Salt Lake City, Utah

**Western Conservation Foundation**  
Wyss Fellow  
Washington, D.C.

**Wildlife Conservation Society**  
Program Officer, North America  
Bozeman, Mont.

**World Resources Institute**  
Research Analyst  
Washington, D.C.

**World Wildlife Fund**  
Conservation Finance Consultant  
Ho Chi Minh City, Vietnam

**World Wildlife Fund**  
Uganda Researcher  
Beijing, China

### PRIVATE SECTOR: CONSULTING

**AECOM/ENSR**  
Project Manager  
Stamford, Conn.

**AECOM**  
Environmental Scientist  
Destin, Fla.

**Barbara J. Goldsmith & Company LLC**  
Environmental Management  
Environmental Projects Consultant  
Washington, D.C.

**Boston Consulting Group**  
Consultant  
Boston, Mass.

**DAI**  
Deputy Team Leader  
Bukavu South and North Kivu

**Deloitte Consulting**  
Strategy and Operations Consulting Analyst  
Auckland, New Zealand

**DNV GL**  
Senior Energy Analyst  
Boston, Mass.

**DNV GL**  
Sustainability Consultant  
Oakland, Calif.

**Energy and Environmental Economics, Inc.**  
Associate Consultant  
San Francisco, Calif.

**High Noon Advisors**  
Consultant  
Berkeley, Calif.

**Industrial Economics**  
Associate  
Cambridge, Mass.

**Innosight**  
Associate Consultant  
Boston, Mass.

**Meister Consultants Group**  
Fellow  
Boston, Mass.

**Navigant Consulting**  
Senior Consultant  
Folsom, Calif.

**Next Level Consulting**  
Educational Consultant  
Nanjing, Jiangsu, China

**RLR Consultants**  
Associate  
Englewood Cliffs, N.J.

**Roux Associates**  
Staff Assistant Environmental Scientist  
Woburn, Mass.

### PRIVATE SECTOR: BUSINESS, INDUSTRY, AND LAW

**Aletheia, LLP**  
Partner  
Washington, D.C.

**Apple**  
Environmental Analyst  
Cupertino, Calif.

**Arctas Capital**  
Associate  
Houston, Texas

**Cairn Pacific, LLC**  
Vice President-Development  
Portland, Ore.

**Cleantech Marketing Group**  
Marketing Manager  
San Francisco, Calif.

**Climate Focus B.V.**  
Research Fellow  
Washington, D.C.

**Enesa Energia**  
New Business Manager  
Mexico City, Mexico

**Equilibrium Capital**  
Consultant  
Portland, Ore.

**ExoNova**  
Founder and Managing Partner  
Buenos Ares, Argentina

**Nippon Steel/Sumikin Research Institute**  
Researcher, Environment and Energy Department  
Chiba, Japan

**Opower**  
Client Associate - Rotational Program  
San Francisco, Calif.

**OrderAhead**  
Operations Analyst  
San Francisco, Calif.

**Pacific Gas and Electric Company**  
MBA Rotational Leadership Assoc.  
San Francisco, Calif.

**Palate App**  
Co-founder and Developer  
San Francisco, Calif.

**Socrata**  
Data Analyst  
Washington, D.C.

**Sodexo**  
Sustainability, Support Specialist  
Bethesda, Md.

**SSG Advisors**  
Project Analyst  
Burlington, Vt.

**Stumptown Coffee Roasters**  
Sourcing Relationship Manager  
Portland, Ore.

**SunEdison**  
Manager, Corporate & Finance Projects  
San Francisco, Calif.

**Sungevity**  
Solar Consultant  
Oakland, Calif.

**Terrapin Bright Green**  
Consultant  
New York City, N.Y.

**Weyerhaeuser**  
Analyst- Valuation and Acquisition Specialist  
Seattle, Wash.

### FURTHER STUDY

**Arizona State University**  
Tempe, Ariz.

**Duke University**  
Durham, N.C.

**Fox International Fellowship**  
University of Tokyo, Japan

**Fox International Fellowship**  
Mexico City, Mexico

**Portland State University**  
Portland, Ore.

**South Dakota State University**  
Brookings, S.D.

**Southern Illinois University**  
Carbondale, Ill.

**University of Minnesota Law School**  
Minneapolis, Minn.

**Vermont Law**  
South Royalton, Vt.

**Yale School of Forestry & Environmental Studies – 5**  
New Haven, Conn.

**Yale School of Law**  
New Haven, Conn.

### EMPLOYMENT FOR 2014 GRADUATES WHO RECEIVED A PH.D.

**American University**  
Washington, D.C.

**Colby College**  
Waterville, Maine

**Fluidigm Corporation**  
San Francisco, Calif.

**Indiana University Bloomington**  
Bloomington, Ind.

**Iowa State University**  
Ames, Iowa

**Iowa State University, Department of Economics**  
Ames, Iowa

**University of Arizona, School of Government & Public Policy**  
Tucson, Ariz.

**University of Michigan, School of Natural Resources and Environment**  
Ann Arbor, Mich.

**University of South Carolina**  
Columbia, S.C.

**Universitas Tanjungpura**  
Indonesia

**University of Toronto, Department of Political Science**  
Canada

**University of Wisconsin-Madison School of Human Ecology**  
Madison, Wis.

*This data was collected by the F&ES Career Development Office.*



## FROM THE OFFICE OF: ADMISSIONS

### Help Recruit the Next Generation of F&ES Alums!

Our alumni are the best ambassadors for the Yale School of Forestry & Environmental Studies. The Admissions Office is looking for alumni to assist with recruiting talented F&ES students from around the world.

Thank you to the many alumni who already support efforts to recruit top candidates!

Here are some of the ways you can get involved:

- Meet or speak with a prospective student to share your experiences and answer questions.
- Identify potential students through your networks and encourage them to consider F&ES.
- Attend, host, or serve as a speaker at a prospective student/alumni event.
- Help set up a recruiting event at an academic institution/organization you are affiliated with.
- Provide the names and contact information of anyone you think might be interested in F&ES to the Admissions Office; staff will follow up.

Thank you for considering supporting F&ES recruitment efforts!

View the admissions events calendar:  
[apply.environment.yale.edu/register/?c=&country=](http://apply.environment.yale.edu/register/?c=&country=)

To volunteer, contact the Admissions Office:  
[fesinfo@yale.edu](mailto:fesinfo@yale.edu)

Learn more: [environment.yale.edu/admissions](http://environment.yale.edu/admissions)

## CLASS OF 2017 STUDENT PROFILE

- 164 students
- 26 U.S. states
- 31% international, from 25 countries
- 10% dual citizens (U.S./another country or two non-U.S. countries)
- 15% U.S. minority

### Top areas of interest:

1. Energy and environment
2. Human dimensions of environmental management
3. Environmental policy analysis
4. Business and environment

## FROM THE OFFICE OF: CAREER DEVELOPMENT

### Making a Career Move?

F&ES Next is an online tool that allows alumni to create a unique career profile, manage documents, and view and apply to jobs. F&ES alumni and current students have easy access to view jobs and internships. If you are on the job market, this is a great opportunity to track new postings and get your resume in front of employers. Over 700 alumni have created accounts so far. **Set up a profile:** [environment.yale.edu/alumni/careers](http://environment.yale.edu/alumni/careers)

### Does Your Organization Need F&ES Talent?

#### Post Jobs and Internships to Students and Fellow Alumni

Alumni forward hundreds of jobs and internships to the Career Development Office each month. If you are aware of a position that would be of interest to our students or alumni, feel free to forward it to CDO Director Ladd Flock at [ladd.flock@yale.edu](mailto:ladd.flock@yale.edu). He will post it in F&ES Next for review by current students, recent graduates, and alumni.

#### Review and Share the F&ES Student Resume Book

Share a PDF of current F&ES student resumes with colleagues and hiring managers. For a copy, contact CDO Assistant Director Alyssa Student at [alyssa.student@yale.edu](mailto:alyssa.student@yale.edu).

Learn more: [environment.yale.edu/careers](http://environment.yale.edu/careers)



Current student Iliana Lazarova '16 M.E.M. met up with alum Todd Jones '09 M.E.Sc. (Senior Manager, Policy and Climate Change Programs, Center for Resource Solutions) at the Renewable Energy Markets 2015 Conference in Washington, D.C., in October.

## FROM THE OFFICE OF: DEVELOPMENT AND ALUMNI SERVICES

The Development and Alumni Services team connects our alumni to each other and F&ES through annual Reunion Weekends, regional events and receptions, student mentoring, alumni campus visits, an alumni speaker series, publications, networking opportunities, and student scholarships. Our office, located on the second floor of Sage Hall in Room 20, is here as a resource and a base for alumni and friends of the School who come to campus for a visit.

Learn more: [environment.yale.edu/alumni](http://environment.yale.edu/alumni)

**SAVE THE DATE:**  
2016 Reunion Weekend  
October 7–9!

### CONTACT INFORMATION

**Tim Northrop '03 M.E.M., Director**  
203.432.9361 • [tim.northrop@yale.edu](mailto:tim.northrop@yale.edu)

**Kristin Floyd '01 B.A., Associate Director**  
203.432.5189 • [kristin.floyd@yale.edu](mailto:kristin.floyd@yale.edu)

**Kristen Clothier '98 B.S., '01 M.F. Assistant Director**  
203.432.4511 • [kristen.clothier@yale.edu](mailto:kristen.clothier@yale.edu)

**Brian Gillis '09 M.Div., Coordinator**  
203.432.9959 • [brian.gillis@yale.edu](mailto:brian.gillis@yale.edu)

**Hannah Perez, Coordinator**  
203.432.9959 • [hannah.perez@yale.edu](mailto:hannah.perez@yale.edu)

**Emily Blakeslee, Senior Administrative Assistant**  
203.432.9958 • [emily.blakeslee@yale.edu](mailto:emily.blakeslee@yale.edu)

Every time you get a new email address, relocate, or change positions, please send us an update at [alumni.fes@yale.edu](mailto:alumni.fes@yale.edu). If you keep us updated, we'll keep you updated!



[www.facebook.com/YaleFES](http://www.facebook.com/YaleFES)

[twitter.com/YaleFES](https://twitter.com/YaleFES)

[linked.com/groups?home+gid+147435](https://www.linkedin.com/groups?home+gid+147435)

### COMING SOON

#### ALUMS WILL BE ABLE TO ORDER F&ES SWAG ONLINE!

“Swagger” (*verb*): To walk in a very confident manner, to walk with a swagger.

The F&ES Swag Project, initiated by the F&ES Alumni Association Board, will soon give alumni and friends the chance to strut their stuff, looking good while promoting the School and its world-wide impact in the fields of forestry and environmental studies. This soon-to-launch project will make it easy for alums to order F&ES t-shirts, sweatshirts, hats, classic dbh t-shirts, infant onesies, and more online!

The project also gives back. A portion of every item sold will be dedicated to an “F&ES Community Fund” that will be available annually to F&ES clubs for student-led projects on campus and in the broader community.

This new project will launch in time for your holiday shopping. Visit [environment.yale.edu/alumni](http://environment.yale.edu/alumni) to view the selection and link through to this great new resource.

Submit a photo of yourself in F&ES swag around the world – you might end up in *CANOPY*!



Alum Sarah Guy '15 M.E.M. during her 2014 summer internship. Sarah worked with Trout Unlimited to protect salmon fisheries in Alaska. Her stay in Talkeetna, Alaska, coincided with the first sockeye run of the year migrating up the Susitna River.



Yale School of Forestry & Environmental Studies  
Kroon Hall • 195 Prospect Street  
New Haven, Connecticut 06511-2189

*forestry.yale.edu*  
*environment.yale.edu*

Non profit Org.  
U.S. Postage  
PAID  
New Haven, CT  
PERMIT  
No. 526

**RETURN SERVICE REQUESTED**



♻️ 100% RECYCLED  
30% POST-CONSUMER WASTE