Yale school of forestry & environmental studies

# CANOPY



FALL 2016

News and notes for alumni and friends











Clockwise from top left: F&ES alumni and students from around the world gathered at an F&ES reception during the IUCN World Conservation Congress in Honolulu, Hawaii, in September; F&ES faculty, alumni, staff, and students participated in a Forestry Field Day in North Carolina in October, hosted by F&ES Alumni Association Board Members Dave Ellum '01 M.F., '07 Ph.D. and Alex Finkral '97 M.F., '05 Ph.D.; members of the F&ES Africa SIG at a dinner in September hosted by Professor Timothy Gregoire '85 Ph.D.; and one-year master's degree students on a Thimble Islands cruise in September with faculty, staff, and alumni.

F&ES Spirit Day was initiated by the Class of 2005 after their 10-year reunion to honor and celebrate the wonderful things about F&ES and to continue to build their F&ES communities wherever they live. Their inspiration was their classmate, Laurie Cuoco '05 M.E.Sc., who tragically passed away during the last weeks of their time together at F&ES. Her classmates say that Laurie was the embodiment of the F&ES spirit, and they are honoring her memory by organizing an annual F&ES Spirit Day and also by raising funds for a new F&ES student scholarship.

From a potluck picnic/BBQ and campout at Sugarloaf Ridge State Park in the San Francisco Bay Area organized by Alice Bond Miller '06 M.E.M. and attended by 30 alumni/family members, to a group of alumni packing over 100 lunch bags for families staying at the D.C. Ronald McDonald House at a volunteer day organized by Sarah Matheson '05 M.E.M. (see photo at right), alumni celebrated their F&ES spirit and connected with other alums in their regions on September 17.

COVER PHOTO Left to right: Brett Galimidi '05 M.E.M., Michelle Lichtenfels '05 M.F., Jonathan Strunin '05 M.E.M., and Allie Mace '05 M.B.A. in the Pacific Northwest pulling ivy from the forest as part of F&ES Spirit Day. Jonathan writes: "It was a lot of fun and good hard work, and we met and helped a young and inspired future natural resource professional in the process. After, we went out for a nice warming lunch and discussed the possibility of connecting with other classes to help bring F&ES connectivity out West. A great morning all around!"



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.

Dear Alumni and Friends,

In these past few weeks – my first as Dean of the Yale School of Forestry & Environmental Studies – I've had the opportunity to meet hundreds of our outstanding students, highly accomplished faculty, and inspiring alumni. It has been incredible to learn more about the significant impact you are collectively making worldwide.

I began my tenure here at F&ES just before Reunion Weekend and had the opportunity to speak with alumni from across generations and around the world. As I learned first-hand, F&ES alumni are deeply loyal and committed to the School. Many credited their impressive accomplishments to their experiences here and emphasized the significant impact past and current faculty had in shaping their thinking and career paths.

I have been truly impressed by the many ways alumni and friends currently give back to the School: as visitors and speakers on campus; as supporters of the Annual Fund, School Forests, and scholarships; as mentors in the Environmental Leadership Mentoring (ELM) program; as members of the Alumni Association Board; as role models for prospective students; and as ambassadors around the world.

Everyone I've met is passionate about F&ES and its history and traditions, yet also eager to roll up their sleeves to help lead the School forward. Although I have only been here at F&ES a short while, some areas for strategic focus have already begun to emerge, and I plan to engage our faculty, students, staff, and alumni in addressing those.

Thank you so much for your very warm welcome. I'm so impressed by how much all of you care about F&ES and your willingness to work with me to build upon our past successes, while envisioning our future.



Dean Indy Burke



18 F&ES Annual Fund

20 Celebrating a Century of American Conservation

21 Science & Storytelling Symposium

22 Ucross High Plains Stewardship Initiative

24 Commencement 2016



"The Yale School of Forestry & Environmental Studies has a truly global platform – the School's historic legacy; extremely talented and accomplished faculty, students, and alumni; and innovative partnerships give us the chance here to truly change the world."

- Dean Indy Burke

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#### **CANOPY**

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# **F&ES HAPPENINGS**

## Celebrating the Arrival of Dean Indy Burke

In July, Yale President Peter Salovey '86 Ph.D. announced the appointment of Ingrid C. "Indy" Burke, an ecosystem ecologist and former Dean of the University of Wyoming's Haub School of Environment and Natural Resources, as the 16<sup>th</sup> dean in the history of the Yale School of Forestry & Environmental Studies.

After earning an undergraduate degree in biology from Middlebury College and a Ph.D. from the University of Wyoming, Dean Burke spent more than two decades as a Professor in the Department of Forest, Rangeland, and Watershed Stewardship at Colorado State University, and eventually became Co-Director of the Graduate Program in Ecology.

In 2008, Dean Burke returned to the University of Wyoming, where she was first Director, then Dean, of the Haub School of Environment and Natural Resources (Haub School). Her former colleagues say she fundamentally transformed the Haub School, helping to strengthen what had previously been a program into one of the leading institutions in the western U.S. for research, teaching, and outreach on natural resource issues. During her 8-year tenure, the Haub School experienced a steep increase in enrollment, programming, joint-degree programs, and philanthropic donations.

Dean Burke took particular pride in the Haub School's interdisciplinary approach to addressing a wide range of complex land-use challenges. She says she learned early in her career that collaboration across disciplines is critical



Dean Burke being welcomed by the F&ES alumni community during Reunion Weekend 2016 at the Alumni Awards Luncheon.

to addressing most natural resource challenges – including conflicts over sometimes competing land use visions.

Jim Saiers, F&ES Clifton R. Musser Professor of Hydrology and member of the Dean Search Committee, noted that Dean Burke "... is an exceptional scholar with an international reputation and an exceptional teacher who has thought deeply about interdisciplinary environmental education and program development. She has a collaborative leadership style, experience in directing major schools and programs, and has succeeded admirably in advancing these programs through cooperation with faculty, students, staff, and alumni alike. And very importantly, [she] has a proven track record

# Professor Kotchen Named Associate Dean of Academic Affairs

Matthew Kotchen, a Professor of Economics at F&ES, has been appointed the School's Associate Dean of Academic Affairs. Professor Kotchen will take leadership responsibilities in key matters related to F&ES curricula and academic programs, and serve as a member of the School's senior management team. He succeeds Professor Jim Saiers, who served the previous seven years.

Professor Kotchen, who has affiliated appointments in the Yale School of Management and the Department of Economics, has been at Yale since 2009. His research examines a range of issues at the intersection of environmental economics and policy, including climate change, green markets, corporate social responsibility, and international development.

# Professor Anastas Wins Royal Society of Chemistry Award

Earlier this year, Paul Anastas, the Teresa and H. John Heinz III Professor in the Practice of Chemistry for the Environment, was awarded the prestigious Royal Society of Chemistry Green Chemistry Award. The award recognizes the design, development, or implementation of novel chemical products or processes which have the potential to reduce or eliminate the use and generation of hazardous substances.

Often called "the father of green chemistry," Professor Anastas holds appointments with the Yale School of Forestry & Environmental Studies, the Yale Department of Chemistry, and the Department of Chemical Engineering. He is also director of the Yale Center for Green Chemistry and Green Engineering.

in promoting diversity in the sciences through outreach and engagement of various stakeholders. We are delighted and very lucky that [she] has agreed to take the helm of F&ES."

In her first few weeks at F&ES, Dean Burke has been connecting with faculty, students, staff, and alumni, and learning about the many facets of the School.

More than 300 students, faculty, and staff welcomed Dean Burke and her husband, Dr. William "Bill" Lauenroth, a professor of ecology who has also joined the F&ES faculty, during a reception under a tent in the Kroon Hall courtyard on October 10.

Read more about Dean Burke: environment.yale.edu/ news/article/dean-indy-burke-takes-reins

"Learn before you lead is the important thing. I think a new leader doesn't just show up and say, 'Saddle up, here's where we're going.' Instead she or he should find out what people think, what their wishes are, and then engage them in a process that brings everyone towards a future that everyone agrees is a good one."

- Dean Indy Burke





TOP Dean Burke on the Reunion Weekend 2016 alumni field trip to Yale-Myers Forest.

BOTTOM Yale President Peter Salovey '86 Ph.D. and Star Childs '76 B.S., '80 M.F.S. with Dean Indy Burke at her welcome reception on October 10.

# F&ES Students Awarded Alumni Association Board Scholarships for Volunteerism

Logan Ashcraft '17 M.E.Sc. and David McCarthy '17 M.E.M. were awarded the F&ES Alumni Association Board Scholarship in honor of Ruth Allen '72 M.F.S., '77 Ph.D. during Reunion Weekend in front of a packed house of their peers and alums. They will each receive \$2,500 in scholarship aid toward their second year of study at F&ES.

Ruth was a longtime member of the Alumni Association Board and former Board President. She is remembered for her dedication, mentoring, and volunteer service to F&ES alumni, students, and the community as a whole. The scholarship was established in 2013 by current and former members of the Alumni Association Board, as well as members of the Class of 1972.

Logan and David were recognized for their leadership and exemplary record of volunteer service, especially to the F&ES, Yale, and New Haven communities. They both exemplify Ruth's passion, spirit of service, and commitment to environmental and health issues.



F&ES Alumni Association Board Scholarship recipients David McCarthy '17 M.E.M. (left) and Logan Ashcraft '17 M.E.Sc. (right) with Alumni Association Board President Gordon Clark '07 M.E.M. (center).

### Yale Honors Dr. Liza Comita for Mentoring Postdoctoral Fellows

Liza Comita, Assistant Professor of Tropical Forest Management at F&ES, has received Yale University's 2016 Postdoctoral Mentoring Prize. The award recognizes one faculty member annually who best exemplifies the role of mentor to postdoctoral fellows.

Dr. Comita, who joined the F&ES faculty in 2014, was recognized for her efforts to help women postdocs succeed in their research. She provides guidance through Women in Science at Yale (WISAY), an organization of students and postdocs that promotes the interests of women in science, technology, engineering, and mathematics, and advocates for gender equality in all fields.

Nominations for the award, which is offered by the Office of the Provost, are solicited from postdoctoral fellows and associates campus-wide. In the nomination letter, signed by nine female postdocs pursuing academic careers in the STEM fields, Comita was lauded for donating her time to mentor women academics, including some who are not her direct advisees.

"As our WISAY mentor, Liza has provided guidance and advice on the faculty job search and interviews, sexism in the workplace, personal conflicts with research advisors, and issues related to work-life balance," they wrote. "These discussions provided us with an unparalleled opportunity to seek additional advice from a successful role model on campus, and many of us will continue to ask Liza for advice as we pursue careers at other institutions."

"In just two short years at Yale, Liza has already established herself as not just a respected educator and researcher but as an important role model for other women entering the science fields," said Jim Saiers, F&ES Professor of Hydrology. "Through her generous mentorship she has provided valuable guidance, encouragement, and support to many postdocs, offering useful career insights and, I am sure, enriching their time at Yale."



Dr. Comita conducting research in Panama. PHOTO CREDIT: SEAN MATTSON, SMITHSONIAN

### Environmental Performance Index Hires New Postdoctoral Fellow

This fall F&ES welcomed Zach Wendling as postdoctoral fellow and principal investigator for the Environmental Performance Index (EPI). EPI, the flagship project of the Yale Center for Environmental Law and Policy (YCELP), uses 20 different indicators such as ecosystem health and water quality to rank the overall environmental performance of 180 countries. Dr. Wendling, who earned his Ph.D. at Indiana University's School of Public and Environmental Affairs, will be responsible for all aspects of the project – from hiring staff, to improving the indicators, to preparing the biennial report, which will next be released in January 2018 at the World Economic Forum in Davos, Switzerland.

Founded 20 years ago by Dan Esty, Hillhouse Professor of Environmental Law and Policy, who was an early proponent for using data and metrics in environmental policymaking, the EPI helps countries understand the impacts of their domestic environmental policies. Lisa Dale, Associate

Director of YCELP, says most countries appreciate knowing where they stand in relation to their peers, how they're doing over time, and where they can make improvements in their environmental performance.

The emphasis of the EPI is to make policy relevant to research, says Zach. "It's actionable both to people who are in environmental ministries or government, but also to people who are in NGOs and the private sector. All sorts of stakeholders can draw upon this to find something that's useful to them," he said.

Alumni are encouraged to contribute to the EPI in three significant ways: by providing data for the report; by sharing how they are using the report; and through financial support.

Learn more: epi.yale.edu

## F&ES Alum Dr. Eleanor Sterling Awarded Yale's Wilbur Cross Medal

Eleanor Sterling '83 B.A., '93 Ph.D., first heard about the aye-aye, a cat-sized lemur from Madagascar, as an undergraduate in Alison Richard's physical anthropology course. It was her first science class at Yale where she had come intending to study linguistics. "I hadn't really thought that science was for me," Dr. Sterling recalled in a recent interview. "But I absolutely loved it and was excited about what science could be and mean."

This fall, Dr. Sterling, who currently serves as the Chief Scientist at the Center for Biodiversity and Conservation – an organization she led for 14 years at the American Museum of Natural History (AMNH) – was awarded Yale's prestigious Wilbur Cross Medal. The award, which recognizes distinguished achievements in scholarship, teaching, academic administration, and public service, is presented each year to a small number of outstanding alumni by the Graduate School Alumni Association.

Dr. Sterling is only the third graduate of the Yale School of Forestry & Environmental Studies to receive this honor.

In addition to the private awards ceremony, she gave a public talk at F&ES entitled "Reflections on Interdisciplinarity: Research and Action in Biodiversity Conservation from Local to Global."

Her wide-ranging career as both an academic and practitioner spans biological conservation, scientific research, environmental education, and program administration. An expert with a Ph.D. in anthropology and forestry, an intrepid explorer, and a multi-linguist who has studied more than a dozen languages, Dr. Sterling embodies the very essence of interdisciplinarity.

Her interdisciplinary training has been instrumental in her work at the Center for Biodiversity and Conservation. In fact, it's become one of the defining characteristics of her career going back to her field research in Madagascar.

"One of the things I was concerned about was not just talking at people about conservation, but thinking about what the concerns are of the local community members," Dr. Sterling said. "And because we'd done this cross-disciplinary work, I knew to ask questions of the local community members about what was important to them and what might engage them effectively in participating in nature conservation issues."

Michael Novaceck, Senior Vice President and Provost for Science at the AMNH, echoes this sentiment. He calls Dr. Sterling a "bridge-builder" between social-oriented anthropology and the biological sciences.

"Her dedication to language shows her commitment to people with the recognition you have to be able to speak the same language before you can be on the same page," said Nora Bynum '95 Ph.D., Director of Science Action at the Field Museum and a former colleague and classmate in the combined degree program.

When asked what she is most proud of among her many accomplishments, Dr. Sterling answered, without hesitation, "My students."

"I invest an incredible amount of time in thinking about and understanding and recognizing the strengths and areas for growth in my students," she said. "They are doing amazing things and I just love that."

For her part, Eleanor credits her teachers and time at Yale for helping to set the course of her career.

"It was one of the best decisions I could have made and I really grew from being an undergraduate and graduate student at Yale in very different ways. I hugely benefitted from the education I got there and the people that I met, both students as well as professors. And I treasure the experience and therefore am all the more honored with this award."



Dr. Sterling (center) in the field in Vietnam.

# F&ES LEADERSHIP COUNCIL 2016

The theme of this year's Leadership Council meeting, held on April 21–22, was urban sustainability and science. The two-day symposium, titled *The Urban Century: Helping Cities Work for People and Planet*, explored global, national, and local strategies and solutions to address rapid urban growth. According to the Urban Center for Computation and Data, six out of ten people on earth will live in cities by the year 2030.

On Thursday evening, Eugénie L. Birch, the Lawrence C. Nussdorf Professor of Urban Research at the University of Pennsylvania, kicked off the symposium by describing the global policy framework and processes for defining a new urban agenda. In 2015, the United Nations created a new, stand-alone goal for sustainable cities in recognition of the major sustainable development opportunities they represent, and in order to mobilize stakeholders and promote integrated, city-level approaches toward sustainable development. She highlighted the upcoming United Nations global summit on cities known as Habitat III, which subsequently took place in Quito, Ecuador, in October 2016.

The symposium continued on Friday with Karen Seto, F&ES Professor of Geography and Urbanization Science, delving into the exciting research that is being done to quantify and depict urbanization patterns around the world, to investigate the impacts of urbanization, and to identify opportunities to make cities more sustainable.

Brad Gentry, Associate Dean for Professional Practice, followed by moderating a panel discussion focused on urban solutions and strategies at regional and local scales. During the panel discussion, Don Chen '98 B.A., '99 M.E.S., Director, Equitable Development, Ford Foundation, John Good '10 B.A., '11 M.E.M., Executive Planner, Strategic Research, Urban Redevelopment Authority of Singapore (URA), Andrés Luque-Ayala '03 M.E.M., Lecturer, Department of Geography, Durham University, Marissa Ramirez '05 B.S., '10 M.E.M., Sustainable Communities Project Manager, Natural Resources Defense Council, and Laura Tam '03 M.E.M., Sustainable Development Policy Director, SPUR (San Francisco Bay Area Planning and Urban Research Association) shared their perspectives and insights based on their current experiences and practices.







**LEFT** Karen Seto, F&ES Associate Dean of Research and Professor of Geography and Urbanization Science, makes the case for the importance of urbanization science.

TOP RIGHT Marissa Ramirez '05 B.S., '10 M.E.M. and Andrés Luque-Ayala '03 M.E.M. discuss urban solutions and strategies as part of the symposium's alumni panel.

BOTTOM Hixon Fellow Kelsey Semrod '16 M.E.Sc., Leadership Council member Dylan Hixon '88 B.S., and Hixon Center Director Colleen Murphy-Dunning share a moment following Kelsey's presentation of her project supported by the Hixon Student Research Fellowship. Finally, Colleen Murphy-Dunning, the Director of the Hixon Center for Urban Ecology, moderated an F&ES student panel which featured four Hixon Fellows who spoke about their master's degree research projects examining urban air and water quality and sea level rise in coastal cities and communities.

Dean Crane presided over his final Leadership Council meeting. To honor him and his wife Elinor, Leadership Council Co-Chairs Pam Kohlberg '75 B.A., '77 M.F.S. and Tom McHenry '77 B.A., '80 M.F.S. led a successful effort to endow a new scholarship in the Crane Family name. Former Co-Chair Ed Bass '62 B.S. inspired many Leadership Council members to contribute to the scholarship through a generous matching challenge gift.

Pam announced that she was stepping down as Co-Chair, a leadership position she held for seven years. During this time she led the successful three-year, \$10.1 million scholarship campaign at F&ES that resulted in 23 new endowed scholarships and played a major role in developing new facilities and programs at Yale-Myers Forest, including her own gift to endow a new Research Fellowship Program. Pam was recognized for her extraordinary leadership on behalf of the Leadership Council; she will continue as a regular member.

Also honored was Leadership Council member M. Albin "Al" Jubitz Jr. '66 B.S., the recipient of the Dean's Environmental Leadership Award. Following remarks describing the many ways in which Al has improved the educational experience of F&ES students and a short video from Al, who was unable to attend, Dean Crane presented the award to Al's representative Sybil Ackerman '05 M.E.M., who works for the Jubitz Foundation.

Special programming at this year's meeting included a half-day field trip to Yale-Myers Forest on Thursday led by Mark Ashton '85 M.F., '90 Ph.D., Morris K. Jesup Professor of Silviculture and Forest Ecology, and on Saturday, the Science & Storytelling Symposium organized in conjunction with the National Geographic Society, the Yale Institute for Biospheric Studies, and several F&ES centers and programs. (See page 21 for more details about the symposium.)

Next year's Leadership Council meeting will be held on April 27–28, 2017, and will be the first with Dean Indy Burke at the helm.

The Leadership Council is an 80-member Dean's advisory council that meets annually in April to learn about the School's newest research, programming, and initiatives, and to help raise financial resources to support them.

The Leadership Council was founded in 2000 by Dean Gus Speth '64 B.A., '69 LL.B and played a major role in funding the construction of Kroon Hall.







TOP Leadership Council members listen to Co-Chair Pam Kohlberg '75 B.A., '77 M.F.S. as she describes Dean Crane's impact on F&ES during his seven years. Pam stepped down as Leadership Council Co-Chair at the end of the fiscal year, leaving a wonderful legacy of her own.

MIDDLE Left to right: Tom McHenry '77 B.A., '80 M.F.S., Co-Chair of Leadership Council; Pam Kohlberg, Co-Chair; Dean Peter Crane; Elinor Crane; Ed Bass '62 B.S., former Co-Chair; and Frances Beinecke '71 B.A., '74 M.F.S, former Co-Chair. All four current and former Co-Chairs led the charge to establish the Crane Family Scholarship to honor Dean Crane's tenure at F&ES.

BOTTOM M. Albin "Al" Jubitz Jr. '66 B.S. delivers a videotaped acceptance from Portland, Ore., of the Dean's Environmental Leadership Award. Al received the award in recognition of 25 years of supporting F&ES students through internship funds and ongoing mentoring.

# ANNUAL REPORT



Contributions to the Annual Fund help support student scholarships, internships, and the School Forests.

# Overall Fundraising

Fundraising achievement in FY 2015-2016 hit a 5-year high, totaling over \$14.5 million in new gifts and grants to F&ES. Amidst this upward spike in giving, participation in the F&ES Annual Fund dipped slightly, edging down one percentage point to 25.6%, with total gifts and commitments also declining one percent to \$267,144. As a self-support school, your donations both big and small are vital to our mission – so thank you for your continued support on all fronts.

Our most ambitious fundraising initiative was focused on creating a new Campus for Field Studies at Yale-Myers Forest in northeastern Connecticut. With your help, we successfully funded a new three-season research lab, endowed the Thomas G. Siccama Lecturer in Environmental Field Studies position, and endowed new Field Ecology and Research Fellowship Programs that will permanently expand opportunities for undergraduates, master's degree students, and doctoral students to delve into field studies and ecology. Additional gifts supported the Quiet Corner Initiative, an outreach program to adjacent landowners, and a new timber-frame auditorium for teaching and community programming, funded by the Class of 1980.

Scholarship funding continued to be an urgent need of the School, an area of giving that many alumni and friends supported, including the \$1.25 million Burt-Pfeiffer Fund and the \$750,000 Crane Family Scholarship in honor of Peter and Elinor Crane, both new endowed funds.

# Fundraising Achievement 2015-2016



### **Annual Fund**

Our deepest thanks to all alumni who contributed to the Annual Fund in FY 2015-2016. Your generous gifts provided unrestricted scholarship support to current students, 8 out of 10 of whom are receiving financial aid.

The F&ES 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, 1,108 individuals gave a total of \$267,144 to the F&ES Annual Fund. The average contribution was \$241, with gifts ranging from \$5 to \$20,000.

Overall participation was 25.6%, with nine classes achieving a participation rate of 40% or greater. Our newest graduates, the Class of 2016, reached an outstanding rate of 83% and created five scholarships for the Class of 2018. 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. We are so happy to welcome our newest agents, representing the Class of 2016: Ralien Bekkers, Marguerite Harden, Katie Holsinger, Mike Johnson, Grace Kankindi, Jules Luthringer, Apurva Mathur, Sabrina Szeto, Tamara Thomas, and Raymond Waweru.

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!

# Annual Fund Medals for Highest Class Participation

Congratulations to the Classes of 2016, 1967, and 1973 for their outstanding participation in 2015-16!







Gold Class of 2016

Silver Class of 1967

Bronze Class of 1973

# **Looking Ahead**

We are excited to welcome Indy Burke as the Carl W. Knobloch Jr. Dean. In her first two months she has been busy meeting alums and friends to learn more about how they wish to support the School. Early in her term, support for scholarships remains a top priority. We also hope to boost participation in the F&ES Annual Fund by adding new choices for directing your annual gift and expanding the Great Mountain Society for consistent givers. You can read more about these changes to the Annual Fund in this edition of CANOPY (see pages 18-19).

#### CLASS PARTICIPATION RATE

50% or Greater	40 to 49%	30 to 39%	20 to 29%	10 to 19%
1967	1951	1953	1950	1948
1973	1952	1954	1960	1949
2016	1956	1955	1962	1957
	1968	1958	1963	1959
	1970	1961	1964	1969
	1978	1974	1965	1971
		1975	1966	1989
		1976	1972	1990
		1977	1983	1992
		1979	1986	1998
		1980	1987	2001
		1981	1988	2002
		1982	1993	2003
		1984	1994	2004
		1985	1995	2005
		1991	1996	2006
		2013	1997	2007
			1999	2008
			2000	2009
			2014	2010
				2011
				2012
				2015

# F&ES ALUMNI ASSOCIATION BOARD UPDATES AND INITIATIVES

# Alumni Association Board Leadership and Recognition

In 2016-2017, the Alumni Association Board Officers are: Gordon Clark '07 M.E.M., President; Sara Smiley Smith '07 M.E.Sc./M.P.H., '16 Ph.D., Vice President; and Melissa Paly '87 M.F.S., Secretary. The two at-large Executive Committee members are: Joe MacDougald '05 M.E.M. and Kris Morico '98 M.E.M. We sincerely thank these leaders for their dedication and commitment to the Alumni Association Board.

We would like to express our deepest appreciation to two outgoing Board Members who completed their many years of service this fall: Brian Goldberg '03 M.E.M. and Holly Welles '88 M.F.S. "The F&ES Alumni Association Board has had remarkable success in recent years through the leadership of past Presidents Holly Welles and Brian Goldberg," noted incoming Board President Gordon Clark '07 M.E.M. "Their hard work and dedication to growing new Alumni Association Board initiatives and programs has played an instrumental role in inspiring current Board Members and other alums of F&ES. Brian and Holly leave a remarkable legacy as they step down from the Alumni Association Board this year. They embody so many of the School's values, including leadership, volunteerism, and service to the greater good."

# New Alumni Association Board Members

This fall, we welcomed two new F&ES Alumni Association Board Members, Jaime Carlson '09 M.E.M./M.B.A. and Tara Meyer '15 M.E.Sc. Their first term ends in 2019, with the option to serve an additional term of three years. We also welcomed two new Student Representatives to the Alumni Association Board, Parfait Gasana '18 M.E.M., who will represent the Class of 2018, and Gao Yufang '14 M.E.Sc., Ph.D. candidate, who will represent the doctoral student community. (See their bios in the right-hand column of page 13.)

They join an incredibly dedicated group of alumni who serve on the Alumni Association Board and who invest extensive time, talent, and energy in leading programs that benefit the School, alumni, and students.

The F&ES Alumni Association Board meeting in the new Class of 1980 Auditorium at Yale-Myers Forest, which provides classroom space and increased capacity for educational and cultural events, meetings, and outreach activities involving the surrounding community, during their retreat in October.

(See page 14 for a Yale-Myers Forest update.)



Past President Holly Welles '88 M.F.S. and outgoing President Brian Goldberg '03 M.E.M. were recognized at an Alumni Association Board dinner in October 2016.

## Alumni Association Board Initiatives

The F&ES Alumni Association Board continues to work to strengthen alumni–alumni, alumni–student, and alumni–University connections and engagement, leading initiatives which support many aspects of the F&ES community.

These initiatives include: implementing the Environmental Leadership Mentoring (ELM) program, now in its third year with more than 300 alumni mentors in the program; leading the planning and implementation of the Yale Environmental Sustainability Summit (YESS); developing new learning and professional skills development opportunities for students and alumni; continuing to support alumni–student diversity-focused initiatives; and serving in key leadership roles at the University level through the Association of Yale Alumni (AYA).

These initiatives depend on the dedication and commitment of an incredible group of alums serving on the Alumni Association Board. We are grateful to each of them for their commitment to F&ES and its alumni community.

You can view bios of current F&ES Alumni Association Board Members at: environment.yale.edu/alumni/board-directory



As Brian Goldberg completed his Alumni Association Board service and role as President this fall, he shared some thoughts with the Alumni Association Board, excerpted here:

The Alumni Association has never been stronger. Working together, the accomplishments of the past few years are remarkable:

- Developed proven and successful models of how alumni can engage and impact the F&ES and Yale community.
- Enhanced the sustainability of our Board, creating ever-more robust opportunities for alumni leadership.
- Empowered alumni to engage in activities at multiple scales serving diverse alumni interests.
- Expressed our alumni voice in new and powerful ways.

As the Alumni Association Board strengthens this platform, our success has also created new opportunities:

- Growing the F&ES alumni role in sustainability leadership throughout the broader Yale community.
- Expanding integrated opportunities for alumni– student professional development.
- Expressing our collective voice on issues of pressing urgency.

The future potential for how the Alumni Association Board grows its impact is very, very bright!



Jaime Carlson '09 M.E.M. / M.B.A. Alumni Association Board Member Los Angeles, Calif.

Jaime focuses on innovative business models to drive capital to natural resource management. Jaime is Global Finance Director at TerraForm, a \$2B company operating renewable energy projects. She served in President Obama's first term as advisor to former Energy Secretary Chu, overseeing deployment of \$35B in Recovery Act funds. Jaime chaired the inaugural Yale Environmental Sustainability Summit (YESS) that gathered 400 alumni, students, and faculty from across Yale to discuss scaling solutions in sustainability. She founded Apertura Films, producer of "The Other Side," named one of the best Latin American TV series by Rolling Stone Magazine and NY Television Festival winner.

"I wish to develop well-implemented, well-funded, and innovative ways to keep our community not only connected, but creating environmental impact at the largest scale possible." — Jaime Carlson



Tara Meyer
'15 M.E.Sc.
Alumni Association
Board Member
Portland, Ore.

Tara is a Biologist with the Washington State Department of Fish and Wildlife, where she manages private lands access and wildlife conflict programs and staff in Region 5 (southwest Washington). Prior to F&ES, Tara worked to solve conservation and wildlife conflict issues in Wyoming, Tanzania, and across the Asia-Pacific. Tara is currently serving as a Human-Wildlife Coexistence Technical Advisor for the Wildlife Friendly Enterprise Network and as the Committee Chair for the new MK McCarthy-RW Worth Scholarship for Leadership in Conservation Science, which she designed and co-created while studying at F&ES.

"I am excited by the potential to offer new ideas and strategies for improving the F&ES student experience through connecting and strengthening relationships between students and alumni." – Tara Meyer



Gao Yufang
'14 M.E.Sc.,
Ph.D. candidate
Alumni Association
Board Student
Representative
New Haven, Conn.

Gao Yufang holds a B.S. in Biology from Peking University and an M.E.Sc. from F&ES, and he is now pursuing a joint doctoral degree between F&ES and the Department of Anthropology. His efforts in unraveling the China-bound ivory trade, which was the focus of his master's degree project, has helped the international conservation community to gain a more comprehensive and contextual understanding about China's ivory markets. Before starting his Ph.D., he was Executive Director of the Everest Snow Leopard Conservation Center where he led a public-private initiative in Tibet to foster the healthy coexistence between large carnivores and local residents in the Qomolangma (Mt. Everest) National Nature Reserve. He was named the winner of the 2016 Marsh Award for Terrestrial Conservation Leadership from the Marsh Christian Trust and Fauna & Flora International and is a 2016 Emerging Explorer of the National Geographic Society.



Alumni Association Board President Gordon Clark '07 M.E.M. with former Alumni Association Board President Star Childs '76 B.S., '80 M.F.S. at Reunion Weekend 2016.



Parfait Gasana
'18 M.E.M.
Alumni Association
Board Student
Representative
New Haven, Conn.

Parfait Gasana is studying the intersection between global energy policy and international development initiatives in sub-Saharan Africa at F&ES. His particular interest in environmental policy stems from his experiences growing up in Rwanda, East África, and observing firsthand the impact Western policies played in shaping regional politics. Parfait currently serves as a writer for the Yale Environmental Review and as a research assistant at both the Yale Center for Environmental Law and Policy and the Government, Environments, and Markets Initiative. Prior to F&ES, Gasana was Assistant Director of the Center for Peace, Democracy, and Development at the McCormack Graduate School at the University of Massachusetts-Boston. Gasana earned his M.S. in International Relations from the McCormack Graduate School and his B.A. in political science from the University of Connecticut. While at UMass-Boston, he received the Beacon Graduate Leadership Award and the Ambassador John W. McDonald Award for Leadership and Innovation in Global Governance and Conflict Resolution for co-founding the Kigali Reading Center, a literacy nonprofit in Kigali, Rwanda.

# REBUILDING AND EXPANDING AT YALE-MYERS FOREST

Last May, a fire at Yale-Myers Forest caused extensive damage to the camp. Several buildings were lost, including the upper camp building and kitchen, the new classroom and dormitory, and the old bunkhouse. Fortunately, nobody was hurt.

Despite the fire, major programming and research at Yale-Myers continued largely as planned. The summer's Forest Crew, seminar series, and MODS for the incoming class took place as scheduled, with some slight modifications. "We had a slightly smaller group living here than originally planned, but most of our programs moved forward after a slight delay while we reorganized camp," said Shannon Murray '14 M.E.M., Forest Manager. "Several labs at F&ES have long-term research and special projects here, and those researchers continued their work. The Apprentice Forester program forged ahead and the crew was out managing their division of the forest every day. The biggest change this year was that many people spent the summer sleeping in tents and spent the majority of time outside. Luckily, we had a great community of people here, and everyone made this a fun experience despite the changes in living conditions."

The School has made rebuilding the camp a top priority. "Construction is scheduled to start this fall, with the goal being to have the camp rebuilt for next summer," said Shannon. "There will be a few minor layout changes, but the bunkhouses, classroom, kitchen, office, and common areas will be rebuilt in the style of the original camp. A new research building had already been planned and construction will be moving forward on this at the same time."

Yale-Myers Forest is entering a new era of innovative teaching, research, and outreach. Before the fire, donors from both F&ES and Yale College joined together to fund an expanded set of facilities and programs, including a new field ecology program, research fellowships, and a teaching fund named for Professor Siccama. A current-use fund was also established to provide support for the Quiet Corner Initiative, promoting outreach and engagement with landowners adjacent to Yale-Myers Forest and providing practical training for students in environmental stewardship and conservation. The new programs will bring master's degree and Yale College students to Yale-Myers Forest for research and mentorship in field ecology, natural history, and forest management and stewardship. More than \$5 million was raised in support of these new facilities and programs.

"How special to close my F&ES Alumni Association Board service with a trip to Yale-Myers Forest. Sad as it was to personally witness what fire wrought on that special place we all experienced during MODS, the memories remain, and I feel a sense of excitement and hope for the next chapter. I am grateful to all those who are seizing the opportunity to envision and create a Yale-Myers Forest with even more resources and potential utility for the School and broader audiences. It's just one example of what makes the F&ES community unparalleled — our resilience, tenacity, creativity, excellence, and desire to give back, to minimize our footprint, and to pass on a healthy world to our children, grandchildren, and all inhabitants."

− Holly Welles '88 M.F.S.





TOP Left to right: Mark Ashton '85 M.F., '90 Ph.D., Morris K. Jesup Professor of Silviculture and Forest Ecology and Director of School Forests, and Tim Northrop '03 M.E.M., F&ES Director of Development and Alumni Services, describing the many teaching, research, and outreach initiatives underway and planned at Yale-Myers Forest to alumni during a Reunion Weekend tour.

BOTTOM Alumni introducing themselves during the Reunion Weekend Yale-Myers Forest tour in the new timber-frame auditorium that was funded by the Class of 1980 in honor of their 35<sup>th</sup> Reunion. Construction was expedited after the fire so that the structure was ready in time for MODS.

# NEW THOMAS G. SICCAMA FIELD LECTURER POSITION AT F&ES

### Permanent Fund Established to Emphasize the Teaching of Field Studies and Ecology

Thanks to a lead matching gift from an F&ES alum and donations from more than 170 alumni and friends of the School, we successfully reached our \$1.5 million goal to endow a new Thomas G. Siccama Lecturer in Environmental Field Studies position at F&ES. Endowing a permanent teaching fund focused on field studies ensures that future generations of students will benefit from hands-on instruction in environmental and field studies, natural history, soils, and local flora and fauna. The School hopes to fill the new position by early 2017.

Professor Siccama, who retired in 2006 and passed away in 2014, taught at the School for more than 40 years, starting as a postdoctoral student and retiring as a Professor of Forest Ecology and Director of Field Studies. He was known and revered by his students for his scholarly acumen, scientific rigor, and encyclopedic knowledge of forests, gleaned over decades of fieldwork and research. The new fund honors and celebrates this gifted teacher who touched many lives.

Tom left a lasting legacy for generations of alumni who have gone on to look at the world with a new perspective and engage others in hands-on learning. A few of the many remembrances received from alums are shared here.

Thanks to "Team Tom" who helped lead the effort to raise matching funds from alumni: Diane Renshaw '75 M.F.S.; Steve Hamburg '77 M.F.S., '84 Ph.D.; Jane Sokolow '80 M.F.S.; Mark Ashton '85 M.F., '90 Ph.D.; Ellen Denny '97 M.F.S.; and Amanda Mahaffey '02 B.A., '04 M.F.

"Tom Siccama was after my time (1960-62). But from the description of Tom's teaching, my favorite professor during my time at the Yale School of Forestry was Harold Lutz who very much fit Tom's expertise. To me, Professor Lutz had a great gift for teaching in the field and was a keen observer of natural history as it applied to forestry. So my gift is to Tom's fund but in memory of Harold Lutz. Professor Lutz was very special to his students as was Tom to his. Thanks for honoring this important aspect of the program at F&ES."

- John Zasada '62 M.F.

"Tom Siccama showed me how to look at a landscape and changed the course of my life."

-Philip Conkling '76 M.F.S.



Tom Siccama and students during a Terrestrial Ecology field trip. (Date unknown.)



"I came across this photo while scanning my slides from the fall semester in 1976. I think it perfectly captures the enthusiasm with which Tom threw himself into field classes. His ecology lessons were always strongly grounded in an understanding of the soils, and lessons from the soil pit were a specialty. This was a particularly fascinating soil pit in a sandy outwash terrace in West Campton, N.H."

-Hans Drielsma '78 M.F.S., '84 Ph.D.

# A DECADE OF INNOVATION AT THE NEXUS OF BUSINESS AND THE ENVIRONMENT

### Yale Center for Business and the Environment Celebrates 10-Year Anniversary

In 2006, the Yale School of Forestry & Environmental Studies and the Yale School of Management launched the Yale Center for Business and the Environment (CBEY), an innovative center that has inspired research and fostered relationships to advance business solutions to the world's environmental challenges.

Over the past decade, CBEY has become a valuable platform for building and growing relationships among students, faculty, alumni, corporate executives, policymakers, and NGOs. Through interdisciplinary courses and initiatives, research, and outreach, CBEY has provided a growing network of leaders with skills and collaborative opportunities to create innovative and sustainable solutions to challenges facing the human and natural systems upon which we all rely.

In 1982, Yale became the first U.S. university to offer students the opportunity to earn master's degrees in both environmental studies and business management in just three years. But a little over a decade ago, the viability of the joint degree program between the Yale School of Forestry & Environmental Studies (F&ES) and the Yale School of Management (SOM) seemed in question. Enrollment had dropped to historic lows and there was little institutional support to help students navigate between the two professional schools.

Bryan Garcia
'00 M.E.M.
President & CEO,
Connecticut Green Bank;
First CBEY Director

"The Connecticut Green Bank, the nation's first state-level green bank, has hired a number of joint degree students who are incredibly prepared to lead a movement to make clean energy more accessible and affordable by using limited public funds to attract and deploy private capital investment in the clean energy economy."



Marissa Galizia
'15 M.E.M./M.B.A.
Head of Marketing
Partnerships and
Director of
Sustainability,
ChargePoint, Inc.

"My goal for my three years as an M.E.M./M.B.A. joint degree at Yale was to learn how to accelerate the adoption of clean energy technologies through strategic marketing. Though there wasn't yet programming on the intersection of marketing and sustainability, the Yale Center for Business and the Environment helped me find and create the experiences I needed to explore this and begin a career in it."

In 2006, several students proposed that Yale establish a center to support joint degree students working at the intersection of business and the environment. They rallied support from former F&ES Dean Gus Speth and former SOM Dean Joel M. Podolny and faculty at both schools to create the Yale Center for Business and the Environment (CBEY). Today, with approximately 20 students per class, it is the largest joint degree program at Yale.

"The Yale Center for Business and the Environment started a decade ago through the steadfast efforts of several joint degree students who are now environmental leaders for business and society," said Bryan Garcia 'oo M.E.M., the first Program Director of CBEY and current President and CEO of the Connecticut Green Bank, which uses private capital and other funds to provide low-interest loans to projects exploring cleaner and cheaper energy technologies.

One of the hallmarks of CBEY is a focus on student interest, says Brad Gentry, Associate Dean for Professional Practice and the Faculty Director of CBEY. "A lot of centers and programs at Yale are built around the lead faculty member's research interest, and that's incredibly important," he said. "I think CBEY is different because our focus is not on my area of research, but the connections students are looking to make in their careers."

"We're set up in a way that we are the connective tissue on campus. We sit between two schools that now have an incredible relationship," said CBEY's Program Director, Stuart DeCew '11 M.E.M./M.B.A. "Where we're really successful is in building and bridging relationships across Yale – not just between [F&ES and SOM], but other schools and programs on campus as well – and drawing in those external partnerships that accelerate and enhance our program goals."

As a leader in online education, CBEY developed SOM's first online course, "Natural Capital: Managing Risks and Opportunities in Global Resource Systems," and recently partnered with faculty at the University of British Columbia to create "Urban Resilience," an online course that offers students the opportunity to work with the Rockefeller Foundation's "100 Resilient Cities" program.

CBEY is also leading applied research projects to activate the business community in the fight against climate change. Working through the Global Network for Advanced Management (GNAM), a partnership involving 29 top business schools around the world, CBEY conducted the first global survey of business students on climate change and environmental sustainability. Their report, which included 3,700 responses, was released shortly before the 2015 Paris climate talks. And with Kenneth Gillingham, an economics professor with dual appointments at both F&ES and SOM, CBEY is conducting large-scale field trials in Connecticut and other states on how community-based marketing strategies for solar can accelerate the adoption of clean energy.

"My view is that environmental policy can only work when there are commercial solutions that dovetail with thoughtful policy," said David Sobotka, Head of Macro Trading at Capula Investment Management and CBEY board Co-Chair. "CBEY is the academic nexus of that effort and is providing the next generation of business, government, and NGO leaders to tackle our challenges."

In the last two years, CBEY has developed platforms and partnerships for the Yale community to contribute to global discussions at the interface of business and the environment. Through the work of CBEY, Yale was invited to join the 200-member World Business Council for Sustainable Development (WBCSD) as its first university knowledge partner. Now CBEY students work on research projects with WBCSD member companies and have access to a targeted set of business leaders at the forefront of sustainability. In addition, Yale is the first university partner of the Carbon Pricing Leadership Coalition, a voluntary partnership of national and sub-national governments, businesses, and civil society organizations working to advance carbon pricing throughout the global economy.

"It's very exciting to see how the joint degree program has grown since I was at Yale in the early '80s and how CBEY has helped shepherd that growth," said Bruce Phillips '84 M.F.S./M.B.A., Director at The NorthBridge Group and CBEY Advisory Board member. "The students are impressive and have a great sense of camaraderie, and I expect they will be able to build on that throughout their careers."

In the coming decade, CBEY will continue to create opportunities to develop both social and environmental capital, not only within Yale, but with external partners as well. Students will need to be prepared to solve economic, environmental, and social challenges concurrently.

"Part of what the next 10 years of CBEY looks like is a continued commitment to figuring out how we respond to the ever-changing demands of a market in order to prepare students with the skills and insight for the leadership role they will be in five to seven years from now, rather than the job they see when they're coming in. The student experience at Yale needs to be transformational, not transactional," Stuart said.

CBEY is working to activate a community of continuous learning. For example, over 400 alumni and current students convened for last year's Yale Environmental Sustainability



Anastasia O'Rourke '09 Ph.D. Special Consultant, Industrial Economics

"Whether I am working with purchasers, investors, standards organizations, or internet providers, having the credibility, depth, and network in the environmental domain and the business skills that I learned at Yale and CBEY has been fundamental. I am thrilled to see CBEY, CBEY alums, and the world-view we represent thrive and prosper."



Sumit Kadakia '16 M.F. / M.B.A. Co-founder of Renewal Mill

"Earlier in my forestry education, I recognized that there were significant problems with diversity in the environmental workforce. CBEY empowered me to find relevant minority success stories and bring them to campus through the Bright Lights, Green Sights speaker series. Through this experience, I hope to continue to be a leader for inclusivity in environmentalism."

Summit (YESS), co-sponsored by CBEY. And organizations like the Connecticut Green Bank – whose leadership team includes several CBEY alumni – provide opportunities for current students to pursue their passions and test ideas.

Going forward, Brad Gentry says there will be three big challenges to which CBEY can contribute: building more resilient cities; developing more sustainable supply chains; and using inclusive wealth models to help galvanize social change. These are ambitious goals, but by continuing to cultivate both internal and external partnerships through the support of their active network of alumni and friends, CBEY is poised to effectively address future challenges at the nexus of business and the environment.

To celebrate the 10<sup>th</sup> anniversary and position CBEY for continued success and expanded influence, CBEY will be organizing a number of regional events over the course of the next year. Keep your eyes open for invitations to events in your area!

Learn more about CBEY: cbey.yale.edu

Read more CBEY reflections from F&ES alums: environment.yale.edu/news/article/ten-years-of-cbey

Learn more about CBEY's plans for the future and how you can help:

Stuart DeCew, CBEY Program Director stuart.decew@yale.edu; 203-432-3736

Kristin Floyd, Deputy Director, Development and Alumni Services kristin.floyd@yale.edu; 203-432-5189

# **F&ES ANNUAL FUND**

### Welcoming a Familiar Face, More Areas to Support, and an Expanded Society to Join

In response to alumni requests, we've made some important changes to the F&ES Annual Fund this year.

We now have five areas you can support at F&ES:

- NEW Dean's Priorities: Support Dean Burke's highest and most pressing priorities.
- NEW Internships: Support F&ES students during their mid-degree internship.
- NEW School Forests: Support high-priority projects at the School Forests.
- Financial Aid: Support financial aid relief for current F&ES students who qualify.
- Unrestricted: Support initiatives around F&ES, including conferences, speaker series, etc.

The F&ES Annual Fund is also pleased to announce that Star Childs '76 B.S., '80 M.F.S., is taking on the role of Chair of the F&ES Annual Fund from his good friend Evan Griswold '75 M.F.S. Find out more about these dedicated alumni below and on the facing page.

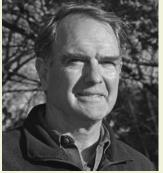


# Join the Great Mountain Society!

We relaunched our consistent giving society:

The Great Mountain Society, established in 2013 as a pilot program recognizing F&ES's youngest alumni, will now be expanded to all consistent givers. To celebrate this change, all those who make a gift to the F&ES Annual Fund this year, regardless of their past giving history, will be welcomed to the Society. Membership will be renewed by making a gift each subsequent year.

Those who don't make a gift this year, but do so in the future, will be welcomed into the Great Mountain Society once they have made a gift five years in a row – so make sure to support the F&ES Annual Fund this year!



**Evan Griswold** is an exemplary alumnus of F&ES who has served the School in many roles since graduating over 40 years ago.

Evan grew up in Greenwich, Conn., spending his summers on his grandparents' farm in Old Lyme. After obtaining his undergraduate degree at Colorado College in Colorado Springs, he worked in New York City for an adventure travel firm running canoe trips for city dwellers. He was drafted into the Army during the Vietnam conflict where he worked as a social worker and psychological counselor in a regional military prison. He then attended F&ES where he earned a Master of Forest Science degree. After graduation, Evan remained dedicated to F&ES, serving as an AYA Delegate, an Alumni Association Board Member, and as Chairman of the F&ES Annual Fund and Class Agents. He has just accepted an invitation to join the F&ES Leadership Council.

Evan's career and community interests have centered on the environment. He worked for the Connecticut Chapter of The Nature Conservancy for five years, serving as Executive Director for four of those years. He then joined Sam Strong Real Estate in Old Lyme. He is currently affiliated with Coldwell Banker Residential Brokerage. For the last 35 years, he has served on the Old Lyme Inland Wetlands Commission and for the last two years has served as the Chairman of the Connecticut River Gateway Commission.

"I support F&ES for the many benefits and opportunities I derived as a student as well as a graduate. You might say I am paying two ways: back and forward. Paying back for the great education in natural resources I received and paying it forward for the students who follow us. It has been a lot of fun, too."

- Evan Griswold '75 M.F.S.

# Why support the F&ES Annual Fund?

- All gifts go directly to F&ES in support of the students and faculty that make this School the best forestry and environmental studies school in the country.
- The F&ES Annual Fund provides vital unrestricted support to the School, in contrast to endowed funds, which are often limited in what they can support.
- While endowed funds yield approximately 5% a year, Annual Fund gifts are 100% spendable, meaning an annual gift of \$100 is equivalent to the yield from \$2,000 of endowed money.
- Just as alumni helped fund your time at F&ES, you can now take pride in knowing your generosity is helping the next generation of foresters and environmental leaders.



Professor Mark Ashton '85 M.F., '90 Ph.D. addressing incoming students at Yale-Myers Forest in 2014.

# Recognition for Annual Giving:

Your support of the F&ES Annual Fund is essential to the mission of the School, and we recognize leadership giving and consistent giving through the following special groups:

- Othniel C. Marsh Fellows: \$5,000 and above
- Sand County Society: \$1,000-\$4,999 (\$500-\$4,999 for last ten graduating classes)
- UPDATED Great Mountain Society: consistent annual giving

To make a gift to the F&ES Annual Fund, please use the enclosed envelope or visit: environment.yale.edu/giving/donate

Star Childs is a dedicated and active member of the F&ES community, and is the incoming Chair of the F&ES Annual Fund.

Star received a B.S. in Geology and Geophysics from Yale College in 1976 and a master's degree in forest science from F&ES in 1980. After graduating, he founded Fox Hill Forestry Services, a consulting organization helping private landowners better manage their properties for wildlife habitat and forest products. In 1988, he merged this firm with two other F&ES professionals into EECOS, Inc., Environmental and Ecological Consultants.

Star also serves on a number of advisory boards and is a director of several nonprofit organizations which specialize in land conservation and forestry. He is currently a Director with Connecticut Forest and Park Association and President of the Berkshire-Litchfield Environmental Conservancy. He is Chairman of the External Advisory Board of the Global



Institute of Sustainable Forestry at F&ES, and serves on the advisory boards of the Hubbard Brook Research Foundation and the New England Forestry Foundation. At F&ES, he serves on the Leadership Council and as an adjunct faculty member for the School's summer field studies program. He is also an active member of the Society of American Foresters and The Forest Guild.

For the past 20 years, he has served as the Chairman and President of the Great Mountain Forest Corporation, the nonprofit foundation that oversees scholarly research and educational programs as well as the long-term management of his family's 6,400-acre working forest and wildlife preserve in northwestern Connecticut.

"I give to the Annual Fund because F&ES has done so much to support my work, and the work of so many others, that I want to continue to support its mission for those who are still learning how to manage our forests, food systems, and the global environment!"

- Star Childs '76 B.S., '80 M.F.S.

# CELEBRATING A CENTURY OF AMERICAN CONSERVATION

To mark the centennial of the U.S. National Park Service, F&ES celebrated the legacy of the American conservation movement and looked ahead to the conservation challenges of the next century.

Since the founding of the National Park Service (NPS) a century ago, the Yale School of Forestry & Environmental Studies has played an integral role in helping to shape the conservation and management of our public lands by educating generations of conservation scientists, natural resource managers, and park advocates.

This fall, F&ES celebrated the NPS centennial by hosting a series of four panel discussions collectively titled "A Century of American Conservation: Reinvesting in the Stewardship of our National Parks, Public Lands, and Natural Resource Legacy." These panels addressed a range of public lands issues, including energy development on public lands, urban public lands issues, redefining conservation in the 21st century, and diversity and equity in National Parks. The School also hosted an exhibition of American West reproduced artifacts from the Yale Beinecke Rare Book & Manuscript Library.

Several of the panels, which were organized by faculty, staff, and alumni, featured F&ES alumni who discussed the challenges and opportunities facing our National Parks and public lands. Kate Bickert '95 M.E.S. spoke about urban public lands issues; Brandi Colander '07 M.E.M. spoke on energy development on public lands; and Karen Hardigg '03 M.E.M., Jim Lyons '79 M.F., and Dan Stonington '05 M.E.M. discussed conservation strategies for the 21st century.

# Learn more and watch the panel discussions at: environment.yale.edu/nps100



Brandi Colander '07 M.E.M. (second from left), Associate Vice President, Natural Resources and Energy at the National Wildlife Federation, speaking about energy development on public lands.







**TOP** Jim Lyons '79 M.F. (left), Deputy Assistant Secretary, Land & Minerals Management, U.S. Department of the Interior, discussing ways to redefine conservation in the 21<sup>st</sup> century.

MIDDLE Michael Mendez, James & Mary Pinchot Fellow in Sustainability Studies at F&ES, speaking at the Urban Public Land Issues panel.

BOTTOM Panelists listen as Amy Marquis, a documentary filmmaker based in Boulder, describes her latest project, National Park Experience (NPX), at the event focused on diversity and equity in National Parks.

# SCIENCE & STORYTELLING SYMPOSIUM FEATURES F&ES ALUMNI

Last April, F&ES hosted the Science & Storytelling Symposium, a two-day conference co-sponsored with National Geographic that explored interdisciplinary collaborations between scientists, writers, artists, filmmakers, and photographers, and the roles that storytellers can play in scientific discovery. The event highlighted the work of F&ES alum and former F&ES Associate Research Scientist Arthur Middleton '07 M.E.M., who, along with wildlife photojournalist Joe Riis, artist and naturalist James Prosek '97 B.A., and filmmaker Jenny Nichols, recently spent two years documenting elk migrations in the Greater Yellowstone Ecosystem. Arthur's map of the migrations was included as the supplement in the May issue of National Geographic Magazine.

The symposium, which drew over 200 attendees, featured keynote addresses by acclaimed science writer David Quammen '70 B.A., Gary Knell, President and CEO of National Geographic, and Thomas E. Lovejoy '63 B.A., '71 Ph.D., Professor at George Mason University.

Thematic panels included "Framing Perceptions: Artistic Representations of Nature," "Morality and Meaning in a Contested Landscape," and "Making Science Accessible Through Storytelling," and featured alumni Stephanie Paige Ogburn '07 M.E.Sc., a freelance journalist based in Colorado, and Gary Machlis '79 Ph.D., Science Advisor to the Director of the National Park Service and Professor of Sustainability at Clemson University.

Side events included a National Geographic Young Explorers Grants Program Workshop, a Master's Tea with David Quammen, and an art exhibit in the Knobloch Environment Center that showcased works by James Prosek and Joe Riis.

The event was co-sponsored by the F&ES-based Yale Institute for Biospheric Studies, the Peabody Museum of Natural History, Ucross Foundation, *Sage Magazine*, and Yale College Environmental Studies.



Os Schmitz, Oastler Professor of Population and Community Ecology at F&ES, moderating the panel on making science accessible through storytelling.



Arthur Middleton '07 M.E.M. and Joe Riis presenting their research on elk migrations in the Greater Yellowstone Ecosystem.

# The Enduring Conservation Legacy of Gifford Pinchot

During a recent visit to F&ES, historian Char Miller described how Gifford Pinchot, along with his friend, Theodore Roosevelt, built the U.S. Forest Service, and along the way helped shape our modern understanding of conservation, environmental education, and the very notion of public lands.

During his tenure as the first chief of the U.S. Forest Service, Pinchot, who also founded the Yale Forest School (now the Yale School of Forestry & Environmental Studies), helped triple the nation's forest reserves and shaped the agency's guiding principle to "provide the greatest good for the greatest amount of people in the long run."

Pinchot was nothing less than a missionary for sustainable resource management during the early 20<sup>th</sup> century, says Miller, author of the books "Gifford Pinchot and the Making of Modern Environmentalism" and "America's Great National Forests." And at a time when conservation ideals barely permeated the nation's consciousness, Gifford Pinchot grasped the ecological importance of forests and possessed the political skills to convince policymakers – and the public – that protecting these resources was a social good.

Read a detailed article about the legacy of Gifford Pinchot, based on an interview of Char Miller by Kevin Dennehy, F&ES Communications Officer, or watch a video excerpt of the interview, at: environment.yale.edu/news/article/first-forester-the-conservation-legacy-of-gifford-pinchot

# UCROSS INITIATIVE STRENGTHENS F&ES TIES TO AMERICAN WEST

Since its earliest days, F&ES has had rich ties to the American West. From the days of Gifford Pinchot and his army of "Little GPs" – young students and alums recruited to map and manage the nation's growing forest reserves – to those tackling the modern challenges of sustainable ranching, the western lands have lured generations of Yale scholars and students, researchers, and adventurers.



Left to right: Lucyann Murray '17 M.F./M.B.A.; Dan Kane, a doctoral student at F&ES; Joshua Morse '17 M.E.Sc.; Charlie Bettigole, UHPSI Program Director; Sara Rose Tannenbaum '16 M.E.M.; and Jay Chancellor '17 M.E.M. in the Bighorn Mountains.

In recent years one program in particular has worked to strengthen Yale's place in the U.S. West. Since 2013, the F&ES-based Ucross High Plains Stewardship Initiative (UHPSI) has been developing relationships and identifying research opportunities that will help open the West to Yale researchers. They've even established a permanent home for research on land management in Wyoming, on the 22,000-acre sheep and cattle ranch owned by the Ucross Foundation, and gifted by entrepreneur Raymond Plank, a member of Yale College's Class of 1944.

This summer, for the first time, UHPSI provided funding support for seven Western Research Fellowships for F&ES students studying private land management-related issues in the U.S. West – particularly in the northern Rockies and the High Plains.



The Ucross Ranch lies along Clear Creek on the western edge of the Powder River Basin.

Student fellows collected data on pollution deposits in snow banks and soil carbon levels in the landscape, worked with ranchers to identify new revenue opportunities, and wrote about land management issues for local newspapers.

And through an ongoing dialogue that continued into the fall semester, they identified ways that these western land issues – as well as potential solutions – are interconnected.

"We realized that there was a huge need from the students for more resources and information and knowledge and access to this geography, said Charlie Bettigole, the UHPSI Program Director. "We've developed a lot of really great partnerships with organizations that have allowed us to have amazing access to field sites, with the possibility of collaboration well into the future."

"We've developed a lot of really great partnerships with organizations that have allowed us to have amazing access to field sites, with the possibility of collaboration well into the future."

- Charlie Bettigole, UHPSI Program Director

The fellowship provides more than just funding and access to research sites, Bettigole said. In the months leading up to the summer, he and other members of the UHPSI staff – including Kris Covey '10 M.F., '16 Ph.D., a postdoctoral researcher, and Nick Olson '16 M.F., the Program Manager – helped the fellows finetune their project designs and offered feedback throughout the summer.

During the fall semester they've continued to work with the fellows, helping them parse through their results, articulate their findings, and develop a final product, whether it's a peer-reviewed paper, a business plan, or a popular news article.

Covey said the course was modeled on a course he took with Professor Mark Ashton. In that course, Ashton would bring students back from the field and help them produce peerreviewed journal articles based on their summer research.

"We start to work with students right from day one, before they hit the field, on making their work as rigorous as possible, and trying to make sure that it's as successful as it can be, by connecting them with people, by adding things to the studies that they've proposed, and by seeing where we can add value," Covey said.

A centerpiece of the fellowship was a four-day mid-summer retreat in the Bighorn Mountains, where the students were able to present their findings, share feedback with one another, and identify solutions to project obstacles.

At Spear-O Mountain Campus, a remote mountain center for scientific research and outdoor learning located at a height of 8,300 feet in the Bighorns, fellows gave formal presentations on their projects. They also enjoyed horseback riding, fly-fishing, hiking, and lessons on local natural history.

Then, the students traveled by caravan across the Bighorns to Tensleep Preserve, owned by The Nature Conservancy, where they spent two nights at a tent camp in the high sagebrush of northern central Wyoming.

For the students, the retreat provided more than just a break from the grind of their research work. Hearing about their classmates' projects added important new perspectives, said Taylor Ganz '17 M.E.Sc., a Wyoming native and second-year student who spent the summer collecting data on how pollutants stored in snow packs end up in the ecosystems throughout the Wind River Mountains.

"My background is very technical, very scientific," she said. "But many of the fellows come from a much more social perspective. So being able to bounce ideas off of them – and just having a very diverse set of viewpoints – really has helped me think about things in a different way."

Daniel Kane, a doctoral student at F&ES, agreed. "The network that UHPSI has built and the diversity of interests of the other fellows has made it really interesting," he said. "It's given me a lot of other perspectives to think about and given me better context than I would have had otherwise. And I'm finding that to be more and more valuable as I get further and further into the research."



Kris Covey '10 M.F., '16 Ph.D., a postdoctoral researcher with the Ucross High Plains Stewardship Initiative, talks with the research fellows at the Spear-O Mountain Campus in July.

Kane spent the summer measuring soil carbon levels, collecting the kinds of data on soil quality and water retention that, eventually, could help ranchers and rangeland managers make better land use decisions. While it is often difficult for landowners and managers to access this kind of information, new techniques could eventually change that.

"And when we talk about trying to store carbon in the soil and in the landscape, out here there are just so many acres to work on," he said. "It's where a lot of grazing happens and where a lot of cattle are raised in the American ag-economy. So it's essential to look and do research here."



Dave Munsick, Co-Director of the Spear-O Mountain Campus, shares stories of natural history with the 2016 Western Research Fellows.

Joshua Morse '17 M.E.Sc. spent the summer in southwestern Wyoming, interviewing people along a 150-mile stretch known for its twice-annual mule deer migration – the longest land mammal migration in the lower 48. While scientists have studied the biophysical aspects of the migration – where the animals get their energy, where they rest, how they are affected by human development – less is known about the human social context.

Getting more information about the social context required him to speak with a wide range of people, including ranchers, hunters, state and federal land managers, and representatives from the energy sector. Morse said having an affiliation with Ucross lent important credibility. "It helps people get a sense of me as someone who really cares about this kind of issue, and this kind of place," he said.

That credibility has been built upon through quality research and relationships developed over several years, Covey said. And it's one of the real strengths of the UHPSI partnership.

"It's also one of the ways that the program is allowing the School to take advantage of the work that Charlie has done over the past couple of years here," he said. "Building a reputation of being focused on projects that are valuable to the people here, and being considerate of a broad array of viewpoints."

#### Learn more: highplainsstewardship.org

Article and photos by Kevin Dennehy, F&ES Communications Officer.



Taylor Ganz '17 M.E.Sc. describes her research project during the Western Research Fellows' summer retreat in Wyoming.

# F&ES HONORS THE CLASS OF 2016 DURING THE SCHOOL'S 115<sup>TH</sup> COMMENCEMENT

The Yale School of Forestry & Environmental Studies celebrated its 115<sup>th</sup> Commencement on May 23, 2016. As part of Commencement, Class Speakers Paloma Francisca Caro Torres '16 M.E.M. and Adrien Militar Salazar '16 M.E.M. shared the following sentiments with their classmates.



### Paloma Francisca Caro Torres '16 M.E.M.

Hello everybody, classmates. My name is Paloma Caro, and I am incredibly honored and grateful to be here today in front of this community.

First of all, congratulations!

We have arrived on the other side of the river.

Congratulations, too, and all our gratitude, to the family, friends, F&ES faculty and staff, classmates, mentors, and extended and adopted families that have supported us and help us throughout this process.

Please join me in a round of applause to thank all the people, experiences, and forces that collided to bring us to this moment.

As part of the international students of our class, I would like to share with you some things about love, family, and the meaning of home that I have learned here at F&ES, and thanks to the experience of living in a different hemisphere than my parents and siblings over the last five years.

Two years ago I was already thinking about this moment. Crying on the phone with my mom, each of us in different countries, I was concerned about what would happen with my friends after two years of studying in the U.S. She, with wisdom, said to me, "Don't worry, your real friends will still be your friends even if you are away for two years." To which I just kept crying because I wasn't worried about my Chilean friends; I was worried about you, my future friends at F&ES. I responded to my mom: "For many years, I have learned how to live with a heart split in two parts of the world – where you are, and where I am. In the coming years, I will have to learn how to live with a heart split in three places: where I am, where you are, and Chile, where the rest of the family and friends are. But once done with grad school, what will I do? Will my heart be divided in 20, 30 pieces from that moment on? That's how I am feeling now and I know that many of you are feeling the same. This moment is important because it is a moment in which we are deciding to take our hearts and divide them into pieces that will travel the world to many different adventures. And this is scary for many of us, because we will miss each other. That day my mom told me something that I would like to share. She said: "Well, then be happy, because your heart is big enough to be divided in that many pieces and still keep beating."

I know that all your hearts beat with passion and brave will to change the world. We will go outside this place full of energy to make things different, and I would like to say to you to not be discouraged when sometimes or many times people will not understand you. Keep trying once and again to work for your passions and ideals. Try. Don't give up because not everybody will understand your crazy ideas of saving the oceans, or working to save the trees, or working on a wildlife conservation project, or when you use crazy acronyms such as SGDs or MEAs that nobody understands.

Sometimes you will be feeling like an outsider outside F&ES. Sometimes this experience will be so far in the past that we will feel that these years were a dream.

Our experience at F&ES has been such a remarkable time. We met such an incredible group of people and we had the opportunity to learn and do so many unimaginable things that we tend to see this time as a dream, a dream that seems like a pause in lives that will resume after today. However, that is not what this experience has been for us. We have changed; we have grown, gained experience, knowledge, and confidence. Look around. Life is happening here. Adeline Williams and Laurel Covey were born; Emma Fine is turning two today; friends got married; friends just got engaged; we are living here. This is our life.

And yet, after today, sometimes you will be feeling like an outsider, once outside this place, our F&ES family. Sometimes many of us will feel like foreigners in our own states or countries.

As an international student, I thought that being a foreigner was related to nationality – where you were born, or the culture that you are used to. As a foreigner I also heard many times, "Where is home for you?" and I just used to answer "Chile, the place where I came from "

However, at some point I didn't know how to answer that question anymore.

When we arrived at Yale, we heard many times that this place would be like home during the next couple of years.

Home because we would find friends, we would spend numerous hours in the buildings, and because the F&ES family would be welcoming us and taking care of us over the years to come.

Home is a place where you feel comfortable, where your values are understood, respected, and shared with other members of your family. Home used to be my country. But now that we have met, grown, and shared moments together, I am pretty sure that home is here

Your home – it's the place where you find security and space to be yourself, change, and learn. Home is the comfort of sharing values and having a network that supports you, always.

So, when in your future days you feel like a foreigner, don't worry because when you are a foreigner, by default that means that you also have a home, a home full of people that understand you and share your values. Because for us, home and family are here, at F&ES and with the Class of 2016.



# Adrien Militar Salazar '16 M.E.M.

Classmates, family and friends, faculty and staff: Welcome.

My name is Adrien and it is with great humility and honor that I am able to stand here before you and congratulate you on the great work we have accomplished.

Can we just take a moment to breathe and acknowledge that we have arrived  $\ldots$ 

From diverse beginnings we have all come here to conduct works of many forms. Some of you measuring carbon flows of forests in Madagascar. Others interviewing farmers in Peru or forest guards in Indonesia. Others still sitting in Paris representing entire nations, negotiating one of the most important global agreements on climate change of our lifetime. The work you have done is as broad as it is big. But what is it that has brought all of us of such diverse passions here together in this moment?

I have been thinking a lot recently about history. I came into this program with a kind of trepidation about entering an elite institution like Yale. No less than two generations ago my family was living in the countryside of a small island in the Philippines. In the last generation, my parents decided to give up everything they knew and loved to start a new life in the United States. What force of the universe conspired to bring me, a first generation immigrant, into the halls of the Yale School of Forestry & Environmental Studies?

In Sage Hall there are pictures of every class since the School's founding. There I was shocked to discover faces like mine on the very first portraits. This School has been bringing people here from the Philippines, India, China – from all over the world since the beginning. On long, tired nights I have walked that hallway and seen those faces from 1904, 1913, smiling at me as if to say, "I see you; I have been here, too." I have felt a profound sense of the vastness of our lives that I never expected. History is so many untold stories.

Our lives extend beyond us. We are each of us part of a tradition that includes people who have shaped and reshaped movements, the same arc of history as Rachel Carson, Wangaari Maathai, Berta Cáceres. People who have lived and died to transform our relationship as humans to place and to living things. Some of those people came through this School. Many did not. Many are at front lines defending their forests from illegal extraction, fighting to keep their homes from being destroyed by fires and floods, or organizing to protect their children from lead in their drinking water. We have gained a privilege to have come through this education. I have grappled with this privilege. In your work I encourage you to wrestle with your own privilege. To recognize whose stories are in the room and whose stories are not, and to create space for others. We fight the same fight and we need each other.

What brings us all together in this place is, I think, a deep love for life. For land. For the things that grow. For place. We are all called to be alive in a time of great need. Where we can know with a scientific near certainty that the way we choose to live will have consequence for generations. Our lives have consequence. We live in a clarion call moment; all the alarms are ringing – from the honeybees to the coral reefs; from the species we are losing every day to our friends and our family who face storms, displacement from their lands, or pollution in their backyards. Life is crying out to us. We are all called in this moment to care for that life. With all your vast talents and passions, in this moment we need you. We need everyone.

The work we have chosen is not easy. A good friend, Raymond Waweru, sitting here, said to me early in our first year, "We must be crazy to do this work." I think we are mad with a sense of hope. Against all forewarnings, we have chosen in the 11th hour to believe that everything can still change. That we must change. That is what inspires me. Each one of you moves from a deep place of hope. This I can only see as a radical faith in the human spirit. As a great work of love.

The work ahead requires you to not shy away from the impossible. To be uncomfortable. To constantly examine assumptions. We are called to reimagine an environmentalism, a sensibility towards life, that includes everyone. We are called to form new partnerships; call out systems as unjust and irreconcilable with a stewardship for life; and then to create new ways of being in the world.

Your work carries in it the seed of transformation. In your careers, you may have to be subversive, at times radical. You will have to be strategic. There may be times when you feel isolated, a lone voice of resistance in a complex, immovable machinery. Remember that you are not alone.

Remember how we have built community in our two years together here.

I want everyone to take a look around you. To your classmates. To the people on this stage. Turn around to the people who have come here to support you. Turn around. See them. This is your community.

My final reflection is this: where ever you are, build community.

That advocate of wild places, John Muir, said "When we try to pick out anything by itself, we find it hitched to everything else in the universe." I hope you are able to embrace in the great breadth of your being the truth that your life is not just your own. Pay attention to the shape of the tapestry you weave with others before you, around you, and ahead of you. Create space for others.

We need each other in the times ahead. Remember you carry the weight of histories. You are movements.

You are a force of nature. Let yourself be seen. There is so much to be done. Let's get to work.

# F&ES 2016 COMMENCEMENT

# MASTER OF ENVIRONMENTAL MANAGEMENT

Shaadee Jasmine Ahmadnia Emma Rose Gesser Akrawi

James M. Albis

Gabriela Maria Baeza-Castaneda

James Darius Ball Ralien Catootje Bekkers

Claudia Gabriela Canales Gallardo

Brittany Nicole Carmon
Paloma Francisca Caro Torres

Samuel J. Cohen Boming Cui Tristanne Davis Jorge De Vicente Timila Dhakhwa

Aiman Edward Duckworth Bryan Dennis Early Menaal Fatima Ebrahim Rachel Katherine Ett Katherine Besek Farley Madeleine Larimer Faucher Julius Lorenz Fischer

Beata Klaudia Fiszer Rodrigo Flores-Gutiérrez

Lucian Go

María del Mar Gutiérrez Lizaur Marguerite Mary Harden II

Katherine Christiansen Shepherd Holsinger

Samantha Whitney Hudson Lara Sant Anna Iwanicki Michael Ray Johnson Whitney Rachel Johnson Enni Iida Vilhelmiina Kallio

Grace Kankindi
Colin Harold Kelly
Mohammad Aatish Khan
Elias Anderson Kohn
Kristin Marie Lambert
Iliana Lazarova
Katelyn A. Liesner

Fairuz Otila Loutfi Olivares

Breanna Marie Lujan

breamia iwane Lujan

Lea Lupkin

Julia Elizabeth Luthringer Karena Michelle Mahung Luciana Maia Villalba

Apurva Mathur Nicholas John McClure

Michael Gavin Meehan

Deborah Marie Merriam Andrew Seth Moffat

Bryn Elise Murphy

William Garvan Murtha Robert Mwehe Mwaniki

Cory James Nestor

Stephanie Hui Min Ng

Aisha Kiku Pasha

Rupal J. Patel Dana Patterson

Olivia Lee Pearman

Sonam Peldon

Michael Paul Pellegrino Juan Alonso Portal Giraldo Lindsey Allison Ratcliff

Daniel James Reid

Lawrence B. Rodman Adrien Militar Salazar Hassaan Fayyaz Khan Sipra Ariana Spawn

Sarah Muschamp Stevens

Yinong Sun Wan-Yu Sung Latha Swamy

Sara Rose Tannenbaum Tamara Thomas Linh Elisabeth Tran

Mariana Vedoveto Matthew Raymond Viens

Dorji Wangdi

Raymond Mwangi Waweru

Leanne Weiss

Laurel Wygant Williams

Stefanie Wnuck

Nicole Lorraine Wooten

Andrew Jiunn-Yeu Wu

Kaiyang Xu Hong Suk Tom Yang Jiani Yang

Kezang Yangden Daphne Yi Yin

Michèle Florence Zollinger

# MASTER OF ENVIRONMENTAL SCIENCE

Ibrahim Amidu Jacob Jean Bukoski Paul Berne Burow Mikael Russell Cejtin Benjamin M. Dawson

Carolina de Mendonca Gueiros Camille Suzanne Delavaux

Audrey Denvir Eric Maynard Fine Delilah Jane Griswold Nina Dewi Horstmann Amber Justine Roman Kelsey A. Semrod Matthew Shultz Weijing Soh

Katherine Ruth Urban-Mead

Emily A. Ury

Meredith Cathline VanAcker Agnes Bridge Walton Katherine Fitzgerald Weber Seung Hyun Lucia Woo Jonghyun Yoo

#### MASTER OF FOREST SCIENCE

Kyra Alexandra Prats Alexandra Judith Todorovic-Jones

#### MASTER OF FORESTRY

Anna Finke

Jonathan Zevi Dov Glogower Nicholas Cutting Olson

Eli A. Roberts

Sabrina Hui Ling Szeto Elliott Henry Vander Kolk

# MASTER OF ENVIRONMENTAL MANAGEMENT/MASTER OF ARCHITECTURE

Meghan Lewis

MASTER OF ENVIRONMENTAL MANAGEMENT/MASTER OF PUBLIC HEALTH

Julia Eileen Anderson

# MASTER OF ENVIRONMENTAL MANAGEMENT/MASTER OF BUSINESS ADMINISTRATION

Oscar Benjamin Benjamin Cohen Stefano Costanzo Rachel Kara Fried

Rebecca Elizabeth Gallagher

Nathan Hall

Eitan Harry Hochster Robert David Kimball

Nina Yuriko Hashimoto Lagpacan

Logan McCoy

Meaghan Rose McGrath Erik Kristopher Norell Andrej Pavlovic Jeevaneswaran Ramoo

Thomas Vail Selby Trevor Thompson Lisa Veliz

MASTER OF ENVIRONMENTAL

# SCIENCE/MASTER OF BUSINESS ADMINISTRATION

Sarah O'Toole Bolthrunis Rafael Roca Gonzales

# MASTER OF FORESTRY/MASTER OF BUSINESS ADMINISTRATION

Jazmine da Costa Sumit Ajay Kadakia Elizabeth Sabine Marsters Ruth Ngolela Byrnes Metzel John van der Stricht

# MASTER OF ENVIRONMENTAL MANAGEMENT/JURIS DOCTOR

Pace Law School

Shelley Clark Anne Kathryn Haas Allison Elisabeth Sloto Zaheer H. Tajani Charter Williams

# MASTER OF ENVIRONMENTAL MANAGEMENT/JURIS DOCTOR

Vermont Law School

Abigail Tracy Barnes

This page lists the students who participated in the 2016 F&ES Commencement ceremonies.



Professor Jim Saiers and Strachan Donnelley Award recipient Lucia Woo '16 M.E.Sc.

#### STRACHAN DONNELLEY AWARD

Lucia Woo '16 M.E.Sc. was presented with the 2016 Strachan Donnelley Award. The award recognizes 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.

Lucia was recognized for her interdisciplinary research into the long-term, human health impacts of wildfire smoke in Alaska. Her findings are now informing Alaska's land management plans by helping to evaluate potential human health costs and environmental justice impacts of existing management strategies.

#### DOCTOR OF PHILOSOPHY

#### Lauren Miyoko Baker

Just Concessions? Indigenous Politics and Oil Development in the Northeast Peruvian Amazon Advisors: Professor Robert Bailis and Professor Michael Dove

#### **Jeffrey Chow**

Adaptation to Climate Change in Bangladesh: Econometric Assessment of Ecosystem Services from Coastal Mangrove Plantations Advisor: Professor Robert Mendelsohn

#### **Kristofer Covey**

Characterization and Quantification of the Anaerobic Production of Methane in Living Trees and Deadwood Advisor: Professor Chadwick Oliver

#### Colin MacKenzie Donihue

Drivers of Functional Trait Variability in Podarcis erhardii, the Aegean Wall Lizard Advisor: Professor Oswald Schmitz

#### Anobha Gurung

Understanding Air Pollution Exposure and Human Health Burden in Kathmandu Valley, Nepal Advisor: Professor Michelle Bell

#### **Thomas Mattson James**

Understanding Forest Ecosystem Change in Mongolia: The Role of Climate and Fire in Stand Dynamics Advisor: Professor Mark Ashton

#### Sébastien Jodoin-Pilon

Forests, Carbon & Rights: The Transnational Legal Process for REDD+ and the Rights of Indigenous Peoples and Local Communities Advisor: Professor Benjamin Cashore

#### Namrata Kala

Essays in the Economics of the Climate: Impacts, Adaptation, and Learning Advisor: Professor Robert Mendelsohn

#### Jia Coco Liu

Exposure and Health Impacts of PM2.5 from Wildfires in the Western U.S. for the Present-day (2004-2009) and in the Future (2046-2051) Advisor: Professor Michelle Bell

#### Kevin McLean

Canopy Habitat and the Arboreal Mammal Community: Integration of Movement Ecology and Wildlife Monitoring in a Neotropical Forest Advisor: Professor Oswald Schmitz

#### Matto Mildenberger

Fiddling While the World Burns: The Double Representation of Carbon Polluters in Comparative Climate Policymaking Advisor: Professor Benjamin Cashore

#### Mary Alta Rogalski

Ecological and Evolutionary Responses of Zooplankton Communities to Changes in Lake Chemical Environments Advisor: Professor David Skelly

#### Sara Elizabeth Smiley Smith

Seeking Equilibrium: Exploring Environmental Sustainability and Decision Making in Higher Education Advisor: Professor John Wargo

#### Jeffrey James Stoike

Cultivating Conservation: Sustainable
Development, Security, and the Restoration
of the Brazilian Atlantic Forest
Advisors: Professor Michael Dove and
Professor Mark Ashton



Ph.D. recipients at Commencement 2016.



Advisor Professor Os Schmitz, Ph.D. recipient Kevin McLean, and former Dean Peter Crane.

# CLASS OF 2016 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. The following are brief excerpts of the citations.

#### BEST FIREFIGHTER

# Awarded to Joanne DeBernardo, Assistant Dean, Student Services

This award recognized the person who first welcomed students to the F&ES community, who cares deeply about all students, and who has an unmatched ability to solve problems.

# EXCEPTIONAL INFORMAL ADVISOR AND SUPPORTER

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

This award recognized someone whose office is visited every day by students seeking advice for their studies, careers, and lives, for his open doors policy and for always being supportive of students' ideas, projects, and endeavors.



# CHAMPION OF DIVERSITY AND EQUAL OPPORTUNITY

#### Awarded to Maclovia Quintana '11 B.A., '14 M.E.Sc., former Diversity and Sustainability Fellow

This award recognized someone who has helped create inclusive spaces, and just and equitable dialogue at F&ES and beyond.

#### INTERDISCIPLINARY THINKING

#### Awarded to Susan Clark, Joseph F. Cullman 3rd Adjunct Professor of Wildlife Ecology and Policy Sciences

This award recognized an advocate for interdisciplinary thinking, who pushed students to think across disciplines and understand them as one.

# BUILDING BRIDGES BETWEEN ACADEMIA AND COMMUNITY

Awarded to Brad 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 Public Investment and the Environment

This award recognized someone whose dedicated efforts to make meaningful partnerships have given students opportunities to actively engage with the outside community.

#### BEST HALLWAY CONVERSATION

#### Awarded to Julie Vance, F&ES Communications Consultant and Public Speaking Coach

This award recognized someone who not only provides students with communications and job-negotiating support, but who goes above and beyond to share insights and life stories.

#### BEST DISCUSSION FACILITATOR

#### Awarded to Dan Esty, Hillhouse Professor of Environmental Law and Policy and Director of the Yale Center for Environmental Law and Policy

This award recognized someone who effectively facilitates discussions, always recognizing different perspectives and creating an inclusive and engaging environment.

#### INSPIRATION AND LEADERSHIP

# Awarded to Peter Crane, Former Carl W. Knobloch Jr. Dean of F&ES

This award recognized someone who has been the backbone of F&ES for seven years, and who served as the students' Dean, leader, and inspiration to go out and do great things in the world.





At Commencement, each graduate was given a pin of the F&ES shield following receipt of their diploma. The traditional 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. Nicole Chevalier '99 M.E.S., former F&ES Alumni Association Board Member, presided over the pinning ceremony on behalf of the Alumni Association.













# **Congratulations to the Class of 2016!**

Welcome to our newest 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, 2015, and June 30, 2016. We also wish to recognize the corporations, foundations, and organizations that have provided their generous support to the School.

#### **ALUMNI GIVING SOCIETIES**

#### **949** Othniel C. Marsh Fellows

\$5,000 and above in fiscal year 2015-2016.

#### Sand County Society

\$1,000-\$4,999 (\$500-\$4,999 for last ten graduating classes) in fiscal year 2015-2016.

#### Great Mountain Society

The Great Mountain Society was established in 2013 to recognize the importance of consistent supporters of the F&ES Annual Fund. Originally piloted by the Classes of 2013-16, we are expanding GMS this year to include the entire alumni community. All those who make a gift to the F&ES Annual Fund during the 2016-17 fiscal year will be welcomed into the Society, and membership will then be renewed by making a gift each year. For more information on changes to the F&ES Annual Fund, please see pages 18-19. Those who qualified for the Great Mountain Society under the original terms are marked below with a '\( \rightarrow \)'.

#### **F&ES ALUMNI GIFTS**

#### 1935

Edwin S. Hall\* 🁥

#### 1948

Theodore L. Richardson

#### 1949

Herbert I. Winer

#### 1950

William F. Cowen, Jr. Theodore Natti

#### 1951

Lester E. Bradford Robert O. Curtis Robert W. Eisenmenger Gerald D. Fitzgerald Donald S. Page Lewis C. Peters\*

#### 1952

Robert S. Bond Eugene M. Carpenter Gordon Loery John R. Skeele William I. Stein

#### 1953

Eric L. Ellwood John F. Miller Earl W. Raymond John W. Swilley, Jr. Oakleigh Thorne II

#### 1954

James H. Brown Gordon Hall III Jack R. Mulholland Roy D. Whitney Robert L. Youngs

#### 1955

David R. Houston 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 Richard F. Henry Richard K. Hermann Kirk P. Rodgers Jack A. Rose

#### 1957

Gertrude E. Huntington George W. Wendel

#### 1958

Marcus A.M. Bell Evar L. Knudtson Ernest A. Kurmes George R. Stephens, Jr. ♣ John P. Vimmerstedt

#### 1959

Richard H. Arps Hans T. Bergey Donald S. Girton

#### 1960

Thomas N. Fearnley Peter Robert Hannah Lee Herrington Peter M. Huberth Kennard G. Nelson

#### 1961

William W. Alcorn
Normand Methot
Lee N. Miller\*
James A. Rollins
Karl W. Spalt
Scott Wallinger 
Malcolm John Zwolinski

#### 1962

Roger P. Belanger
Soonthorn Bhothigun
Jeffery Burley
Le Viet Du
Gordon M. Heisler
C.H. Anthony Little
Charles N. Lowrie III
Lawrence O. Safford
Brian J. Turner
Robert C. Van Aken
Carel L.H. Van Vredenburch

#### 1963

Henry F. Barbour Julian R. Beckwith III Philip O. Frazer Joseph W. Gorrell Yan Bohumil Linhart R. Douglas S. Macdonald



### DONOR SPOTLIGHT:

#### Mary and Wade Staniar '64 M.F.

After a memorable two years at F&ES and a six year stint with the S.D. Warren Paper Company (which later merged with Scott Paper Company), Wade, along with Robert H. Whitney '59 B.A., '63 M.F., co-founded LandVest, a timber management and real estate company, in 1968. Now one of the largest forest land management companies in the United States, LandVest has 55 foresters on staff with roughly 2,000,000 acres

under active management, much of which is under their FSC group certification. Wade and LandVest hired several qualified foresters from the ranks of F&ES alumni over the years, including Joe Taggart '98 M.F., Executive Vice President, and Dan Tesini '08 M.F. Always a champion of the professional forestry degree, Wade was known to lament, on occasion, that he wished there was a more robust supply of foresters coming out of America's first forestry school.

Over the years, Wade continued to support the School as a consistent Annual Fund donor. Recently, Wade was delighted to learn of the School's new investments in the forestry program, including a research lab at Yale-Myers Forest; a lecturer position in the tradition of D.M. Smith, Tom Siccama, and now Mark Ashton; a competitive fellowship program for research relating to the School Forests; and a natural history and field ecology program based in the School Forests. Moreover, the School's SAF reaccreditation was approved on schedule, and this year's incoming class boasts a bumper crop of M.F. candidates. As new members of the F&ES Leadership Council, Wade and Mary visited Yale-Myers for the first time in 50 years on a special field trip connected to the 2016 Leadership Council meeting. Following the meeting, Mary and Wade doubled their annual gift to the F&ES Annual Fund and committed to a bequest in their will for the support of the study of silviculture at F&ES.

"Mary and I are very pleased to have reconnected with F&ES, and to have the opportunity to encourage the continued strength of the forestry program at the School. We have wonderful memories from our time here and want the same to be true for generations of students to come!" – Wade Staniar '64 M.F.

Robert N. Mowbray Leo Sayn-Wittgenstein William Hulse Smith

#### 1964

Read Charlton
Gerald R. Conley 
Stephen J. Hanover
Kenneth J. Mitchell 
Bradford W. Monahon
Adolfo V. Revilla, Jr.
H. Phillip Sasnett
G. Wade Staniar 
John G. Worrall

#### 1965

Hollis W. Barber, Jr.
William Blankenship, Jr.
John E. Blouch
Michael S. Greenwood
Alan W. Haney
Robert Philip Kreitler
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 Lugus Peter L. Marks Claude H. O'Gwynn Hardy L. Pearce Donald G. Schall

#### 1969

#### 1970

Whitney A. Beals John A. Bissonette Donn E. Critchell Douglas M.H. Ferng Joseph L. Horowitz Donald C. Hubert
Mack H. Jenkins Delim A. Lansing
Steven C. Maurice
Wan Hin Ooi
William H. Parker
Patricia Freund Riggs
James H. Shaw
Thomas L. Smith
John F. Tinker

#### 1971

Joseph L. Deschenes Katharine B. Grantham Donald R. Korbobo James D. Okraszewski S. Tahir Qadri Alfred L. Scopp Douglas G. Sprugel ♣ Joseph P. Standaert Mary L. Standaert

#### 1972

George F. Ames
John M. Brink
H. Calvin Cook
Gary W. Drobnack
Philip E. Nemir
Priscilla P. Newbury
William K. Newbury
Thomas G. Robinson
Matthew S. Rosen
Oscar G. Traczewitz II
John C. Welker
Stephen R. Wells

#### 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 Ian H. von Lindern 👤 Richard F. Wildermann

#### 1974

Spencer B. Beebe Frances Beinecke William G. Constable Charles H. Dauchy, Jr. Nancy F. Ehorn Andrew W. Ezell Daralynn E. Gordon 

#### 1975

Stark Ackerman Jennifer Slade Belovsky Susan H. Bicknell Richard A. Brown Alyn Robinson Caulk Leslie N. Corey, Jr. Phillip C. Dibner 👭 Anne S. Fege Sheila S. Golfman Diddahally R. Govindaraju Evan S. Griswold !!! Audrey E. Hoffer Suzanne M. Kilner Patrick T. Lee Javnee R. Levv Stephen M. Levy Hallie R. Metzger 👤 Diane L. Renshaw !!! Douglas F. Rvan Stephen Shotland George B. Weir Arthur B. Weissman

#### 1976

Anonymous (1) Thomas Barounis Roger W. Clark Philip W. Conkling Susan D. Cooley Bruce A. Fernald Joel S. Flagler Alexandra C. Goelet !!! Richard W. Guldin Sven G. Hultman Kathleen M. Ligare John E. Lundauist Kathleen McNamara 🕏 John P. McTague M. Anne Peters Colin S. Peterson Alan F. Poole Patrick J. Reddy Virginia M. Reilly Eric E. See William E. Timko Louise M. Tritton 👤

#### 1977

Robert L. Arnold
Keith B. Aubry
Javade Chaudhri 
Jonathan Falk
Victor L. Gonzalez
Kirk R. Hall
Steven P. Hamburg
Timothy C. Hawley

Tom D. Hayes
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.
Stuart C. Ross
Lawrence M. Schaefer
Robert M. Spivey
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 👤 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 👤 Laura E. Tessier C. Dana Tomlin David Wentworth

#### 1979

Charlotte F. Belser 👤 Christopher N. Brown Deborah H. Burke John A. Carey Dorothy K. Faulkner Patricia A. Friedman Pierre Lafond Patricia S. Leavenworth Hon. James R. Lyons 👤 Robert B. McKinstry, Jr. 免 Martha E. Okie Robert T. Perschel Charles M. Peters, Jr. Hope Pillsbury Margaret N. Schneider Penelope C. Sharp\* 👤 Martha A. Tableman Vijay K. Verma Henry L. Woolsey

#### HONOR ROLL

#### 1980

Natasha Atkins 👤 Susan M. Braatz Robert E. Burke Starling W. Childs II Robert D. Comer Louise Richardson Davis M. Thomas Hatley III Janet L. Hess 🌻 Patricia Johnson Virginia F. Kearney Richard G. Kelley, Jr. David Kittredge, Jr. 免 Christopher G. F. LaFarge Eleanor S. Lathrop Hank A. Margolis Amy Nurick McCoy Thomas McHenry !!! Thomas D. Mordecai W. Kent Olson J. Kathy Parker Kincaid Perot 👤

Curtis G. Rand Ruben Canales Rangel Frances M. Rundlett V. Alaric Sample ♣ Sara Schreiner Kendall Jane E.S. Sokolow Keith D. Stewart Steven H. Strauss ♣ Jean Tam Carol Zimmerman

#### 1981

Alan W. Belcher
James M. Caffrey
Amy L. Catterton-Janovsky
Marian R. Chertow Ann H. Clarke
Patricia A. Donohoe\*
Michael Ferrucci
Thomas Gaman
Betsy Jewett Priscilla Kellert
Susan Fitch Kelsey
Matthew Kelty

Aaron Mansbach Elizabeth D. Mullin Gail K. Reynolds James R. Runyan Keith D. Tait Carol E. Youell

#### 1982

Michael Bell Peter A. Cardellichio Paula Daukas Michael P. Dowling !!! Deborah Reichert Finley Gro Flatebo 👤 Timothy G. Gregoire Thomas R. Jacob Phillip C. Lende, Jr. Keio Maeda Diane Mayerfeld Michael G. McGuinness Ada Ndeso-Atanga Benjamin L. Niles Marie Z. Nolan Daniel F. Reynolds Robert S. Ridgely Silvia Strauss-Debenedetti Hazel F. Tuttle Thomas James Walicki Nathaniel B. Whitcombe Kent W. Wommack 👤

#### 1983

Mary A. Arthur Susan M. Babcock !!! Louis J. Bacchiocchi The Rev. Stephen D. Blackmer Elizabeth A. Blair Stephen P. Broker Guillermo Castilleja 👤 Edward C. Childs Josephine M. Corcoran Daniel W. Fort\* David Gewirtz Peter B. McChesney John A. Parrotta Jennifer Cross Peterson David E. Reeves Gregg D. Renkes James W. Rue Lindsey E. Rustad Denise Schlener Anne-Nicole Schless Elizabeth W. Swain Kathleen C. Weathers Frederick J. Weyerhaeuser 👤

#### 100/

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

#### 1985

Peter Mark S. Ashton 👭 Edward H. Backus Dorene A. Bolze Richard L. Boyce Alexander R. Brash lan R. Cameron Robert E. Clausi James S. Coleman Haydi Boething Danielson Christopher M. Donnelly Mark Damian Duda 🗐 John E. Earhart 魁 Caroline S. Eliot Edward H. Elliman James J. Espy, Jr. Lynne Wommack Espy Deborah Fleischer James B. Friday Kathleen S. Friday Tara Gallagher Eunshik Kim 👤 Lawrence H. King . Catherine A. McConnell . Lesley A. Morgan-Thompson Jonathan W. Nute 👤 Lorna Perkins Cameron H. Sanders, Jr. 944 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 Steve J. Miller Robert M. Moore Caroline Norden Sarah Clark Stuart Robert E. Unsworth 👤 Mohammed Nuruz Zaman



# DONOR SPOTLIGHT: Patricia Donohoe '81 Ph.D.

Pat Donohoe, an alumna of F&ES's Ph.D. program who died in September 2015 (obituary in Spring 2016 *CANOPY*), is remembered by family and friends for her intellect, her openness to the world and its special places, and her dedication

to the people and causes she cared about. In her obituary, her loved ones urged others to honor Pat's life "by making a donation to others of your 'best,' whether it be time, money, blood, big loving hugs, kind words, a warm smile, a guiding hand, or second chances." Pat herself gave part of her 'best' to F&ES, not only as a mentor to fellow alumni but through a bequest to the School. In consultation with those closest to Pat, Dean Crane decided to allocate Pat's unrestricted bequest to the new lecturer position that F&ES is establishing in honor of beloved professor Tom Siccama (see page 15 for more info).

A firm believer in the importance of field studies, Pat's friends feel she would be delighted that her gift is helping to bring Tom's style of teaching back to F&ES. Inspired by the exhortation in Pat's obituary, her classmate Pam Kohlberg '75 B.A., '77 M.F.S. recently made a new gift in Pat's honor. The Kohlberg Donohoe Research Fellowship Fund will award competitive research grants for doctoral, master's degree, and Yale College students conducting research at or pertaining to the School Forests.

"Pat conducted her doctoral research at Yale-Myers Forest on light penetration through the forest canopy, traveling back and forth from New Haven in her VW bug, which miraculously lasted through the completion of her field work. She was a generous and valued member of the F&ES community during the duration of her doctoral program, and a treasured personal friend from F&ES onwards. She took advantage of the rich learning opportunities in multiple Schools and departments at Yale, in conjunction with a strong field work ethos championed by Tom Siccama. Field research was the springboard for her career, and wilderness hiking remained a passion following professional advancement to corporate management. Pat's advice that, 'by definition, growth occurs outside your comfort zone,' remains a touchstone when weighing difficult decisions. Contributing to the endowment of the Tom Siccama lecturer position and supporting field research at the School's forests represent a way to fulfill critical needs for F&ES and to honor the legacy of two of my valued mentors." – Pam Kohlberg '75 B.A., '77 M.F.S.

#### 1987

Karl A. Beard Christie Anna Coon Julie Dunlap Pamela Manice 👤 Elizabeth Hyde Moore Annette S. Naegel Michael A. O'Connell Melissa Paly John Patrick Phelan Kathleen M. Rorison Joshua L. Royte Whendee L. Silver Steven Taswell Timothy O. Traver 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 Heidi Margrit McAllister Eric John Olson Cristin G. Rich Carlos Rodriguez-Franco Judy Lynn Stone Holly Page Welles 👤

#### 1989

Elizabeth Pardee Carlson James A. Cummings E. Kyle Datta David Max Finkel Stephen Edward Kelleher Cyril John May Julia P. McMahon Sara J. Nicholas Laurie Reynolds Rardin Dave Trynz Tobias James Chesnut Williams

#### 1990

Claudia L. Alderman Joan P. Anderson Catherine Bealle Statland Mary Ann K. Boyer James Hirsch Leslie J. Hudson Peter Taber Jenkins Peter Hobart Jipp Thomas Edward Kelsch Linda Lee Lind Judy G. Olson Hicks Timothy Andrew Sullivan Susannah Beth Troner Carla A. Wise

#### 1991

Susan D. Brodie Margo L. Burnham Jane Coppock Gillian T. Davies Diane W. Duva James H.E. Fosburgh Helmut Gieben Sean N. Gordon Jennifer Greenfeld Bram E. Gunther Susan B. Hodgson Annette Huddle Frank R. Isenhart Joan B. Kelsch Edward Kennedy, Jr. Douglas J. Lober 👤 Kim A. Locke Betsy W. Lyman Anne S. Marsh 🌲 Mary C. McConnell Geoffrey McGean Barbara Milton Sarah J. Pick Kristin Ramstad Peter T. Schuyler Jennie Wood Sheldon

#### 1992

Anne E. Black Charles H. Collins 👤 Karl R. Dalla Rosa Katherine K. Farhadian Peyton C. Griffin Robin L. Maille Lisa K. Pagkalinawan Susan C. Peterson Joan Bresnan Popowics Susan L. Pultz Pamela Lichtman Reading Mary Rowen Leigh Winters Shemitz Townsend S. Swayze 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 Dawn Greene Kathleen M. Hooke Daniel H. Hudnut Allen D. Lebovitz Dexter C. Mead Lois L. Morrison John M. Norwood Daniel Shea Eugene A. Simonov 👤 Sara L. St. Antoine

Eleanor J. Sterling

Jefferson Wolfe Tone Anita Van Breda Margaret D. Williams 👲 Timothy J. Wohlgenant Laura K. Snook

#### 1994

Anonymous (1) Oliver D. Barton Matthew F. Black Thomas E. Brendler Mark T. Bryer Jane L. Calvin Eliza J. Cleveland 👤 Elizabeth H. Conover Javier L. Dominguez Amity A. Doolittle 👤 Anne Paddock Downey Mary Jensen Eddy Andrea M. Eigerman Charles T. Enders Stephanie R. Flack Catherine C. Garnett Mark D. Hengen Cynthia W. Henshaw Harriet B. Honigfeld Carolyn M. Hope Erin Hughes A. Felton Jenkins III Erik Kulleseid Elizabeth Hayes McGraw Michael D. Moffat William A. Root IV Nicholas A. Shufro William E. Stevenson Eileen Cates Stone Rajesh Thadani 👤 Diana K. Wheeler

#### 1995

Ellen Tarrant Aikenhead Richard L. Blaylock 👤 **Gregory Dicum** Lisa O. Fernandez Kerry Anne Fitzmaurice Robert J. Goldstein Marie J. Gunning Cassandra J. Hopkins 욮 Johann Heinrich Jessen 👭 James Paul Jiler Kerry Kaneda Meyer Lindsey Brace Martinez Tetsuro Mori Ciara M. O'Connell Suzanne Marie Pelletier Carlos Noe Plazola Kenneth D. Pruitt Nina I. Rooks Cast Jonathan L. Scheuer Harry Joseph Scott Stuart W. Staley 👭 Kristen Margaret Steck Fiona S. Watt Robin A. Wilcox-Cabanos

#### 1996

John C. Barker Gary C. Barrett Benjamin H. Becker David G. Casagrande Derek C. Denniston Bret D. Elderd Elizabeth A. Esser Paulette S. Frank Derek E. Halberg Jared J. Hardner Philip B. Huffman Namrita Kapur Stephen P. Keim Cami L. Kloster Christopher C. Lotspeich William W. Martin Edmond D. McCarthy Rachel Husted O'Malley Edmund E. Peck Jennifer Pett-Ridge Thomas A. Poczkalski, Jr. Kathleen M. Schomaker Theodore R. Schwartz Brent L. Sohngen Maria Von Der Pahlen Edward M. Walsh Pamela A. Weiant Ward T Wickwire Rhonda K. Williams Luise A. Woelflein

Jeffrey Neal Adams Nancy Osterweis Alderman 👭 Shauna Alexander Mohr Thomas Anthony Baginski Jonathan Solomon Barron Lori Audra Bird H. Casey Cordes Ellen G. Denny 👥 Alexander M. Evans Alex Jay Finkral David L. Galt Kelly Jean Keefe Jonathan Kohl Jean E. Triol McLain Sally Tinker Milliken Wendy Naysnerski Morrison Astrid Ute Palmieri Shalini K. Ramanathan Debra W. Shepherd Mary L. Tyrrell Helene H. Wade Alden M. Whittaker Erik M. Wohlgemuth 免 Peter Lawrence Yolles

#### 1998

Anonymous (1) Elise M. Blackburn Nadine E. Block Claire M. Corcoran 👤 Tormod Dale Jessica Davenport

#### HONOR ROLL

Christopher M. Elwell Elise DeSantis Fields Todd A. Forrest Timothy Clarke Fritzinger !!! Bruce W. Hammond Megan R. Hammond Xinzhang Hu Vanessa K. Johnson H. Bradley Kahn Miranda M. Kaiser John Kuriawa Dirk Ludwig Elliot E. Mainzer Keely B. Maxwell Kristin Morico 👤 Evan L. Preisser Frances Raymond Price 👤 Andrew D. Richardson Brian J. Rod George T. Silva Brian C. Watson

#### 1999

Kirsten Prettyman Adams Timothy F. Allred James Barborak Jennifer R. Baxter Stephanie L. Campbell Nicole Smith Chevalier Andrea Cristofani Geurts Bryan C. de Ponce Jennifer M. Garrison Ross M. Anders Halverson Rachel C. Hampton Craig A. Hart Andre Thierstein Heinz Erin L. Heitkamp Erik M. Hellstedt Megan Shane Hellstedt Maria H. Ivanova Philip R.S. Johnson Robert Jason Klee Allyson Brownlee Muth Norris Zachary Muth Brian P. O'Malley William C. Price 👤 Eli Samuel Sagor Suganthi Simon Laurel J. Stegina Stewart M. Stewart Charles H. Thompson Laura L. Williams

#### 2000

Joyce K. Berry
Valerie Clare Bodet
Berry J. Brosi
Sylvia M. Busby
Maureen O. Cunningham
Laura Mary Dunleavy
Bryan Thomas Garcia 

Waters Kellogg
Caroline Garrity Kuebler
Katherin Marie McArthur

Ashley Prout McAvey
Sarah J. Morath
Anne Todd Osborn &
Jason Richard Patrick
Carlos V. Pineda
Christie M. Pollet-Young
Dylan T. Simonds &
Gregory Frazier Socha
Janet C. Sturgeon
Katherine Sye Grover
Harry Edward White
Roger Williams IV
Alice J. Wolfe

#### 2001

Kristal Racasa Aliyas Alexandra C.M. Baillie Michael Anthony Benjamin Cordalie Benoit Andrea Brewer-Anderson Kristen V. Clothier John Edward Daly Matthew W.R. Eddy David S. Ellum Mary Elizabeth Ford Herrick Sanford Fox Uromi Manage Goodale Jesse D. Johnson 魁 Christian F. Kemos Pia Marili Kohler Christian Cunningham Lentz Laura Lynne Letson Barry R. H. Muchnick Colin Casey O'Brien Valerie F. O'Donnell Michel Woodard Ohly Ramsay Michel Ravenel Sasha Silver 👤 Georgia Silvera Seamans Charles Lincoln Vaughan Anna Birgitta Viggh Ray Ken Wan Lisa S. Ziv Eric G.N. Biber

#### 2002

Sherry Marin Altman Kimberley M. Awbrey Elizabeth Joy Ban Yenyen Felicia Chan Peter Jon Deschenes Rachel F. Edgerton Roberto J. Frau Derik R. Frederiksen Molly Kate Giese Erin Wingfield Gray Nicholas Holland John Francis Homan IV Shafqat Hussain Nancy Tzu-Chien Kong Elizabeth Robertson Levy John Pullman Longstreth Alfred Joseph May Jr. Laura Phyllis Meadors Douglas C. Morton John Woods Potter 👤

Carrie Magee Sargeant Shimako Takahashi Jill Ferguson Trynosky

#### 2003

Charles Andrew Brunton Nathaniel Webster Carroll Melanie Ann Cutler Stephen Paul Dettman Jason John Drebitko Alison Blair Forrestel Brian S. Goldberg 🕏 Oliver J. Grantham Benjamin David Hodgdon Peter Christopher Land Kelly E. Levin Amanda Justine Locke Alicia Pascasio Curtis H. Robinhold Glen Eric Van Zandt Andrew Scott Winston

#### 2004

Robin Elise Barr Beth Bisson Keith Roland Bisson Elizabeth Bradford Borden Laura A. Bozzi Suzette Anne Carty Hahn-Ning Chou Heather Kaplan Coleman David Andrew Hobson Kristen Holopainen Kimball Erin Foster Largay Amanda M. Mahaffev S. Tambi Matambo Jennifer Lynne Molnar Timothy H. Northrop Jeremy James West Ethan Hamill Winter 👤 Heather Eileen Wright 욮 Elizabeth S. Wyman

#### 2005

Lauren M. Baker Rebecca T. Barnes Alice C. Bond 🕏 Lisa Elena Botero Dieguez Patrick Richard Burtis Kelly Augustina Coleman Sharifa G. Crandall Victoria Ann Critchley 🕭 James B. Cronan Dora Nsuwa Cudjoe Lisa Elaine DeBock Curt T. DellaValle Livia Karlson DeMarchis Seth Simrall Dunn Debora Lyn Fillis 👤 Brett Jacob Galimidi 🤐 Loni Stewart Gardner Brett Dana Golden 🕏 Ann J. Grodnik-Nagle !!! Sharon Marie Gulick 免 Jocelyn Eileen Hittle 👤

Bruce Jing-Hai Ho Aaron M. Hohl Drena Marie Howard Andrea Eleanor Johnson Amy Kimball David M. Kneas Samuel P. Krasnow Monika Kumar Radha Saraschandra Kuppalli !!! Cho Yi Kwan Virginia Rheutan Lacy 👤 Robert Ian Lamb Sandra L. Lauterbach **Emily Chapin Levin** Michelle Eileen Lichtenfels 👤 Virginia E. Lorne Joseph Allan MacDougald !!! Trent Richard Malcolm 🕭 Sarah Kay Matheson 🕭 Alexander Gilbert McIntosh 🕭 David Clark Sand Mitchell Alexander Ross Pennock Theodora E.A. Lopez Quiros Alvaro Redondo Brenes 👤 Rebecca Reider Jennifer Jane Ronk Amy Stevens Saar 👥 Seth Alexander Shames 🕭 Amy Elena Shatzkin 5 Daniel Oliver Stonington 🕭 Jonathan Michael Strunin Hannah Christine Stutzman Victoria Mireille Thompson 🕭 Kevin Martin Tidwell Elena Martina Traister Benjamin Nelson Urquhart

#### 2006

Anonymous (1) Tehmina Akhtar Jessica Miriam Albietz Kyle Jones Baker 🕭 Paul H. Berkowitz Ying Flora Chi Mary K. Czarnecki 👤 Reilly Renshaw Dibner 👤 Konstantine A. Drakonakis Susan Jean Ely Ross Paul Geredien Jose Gonzalo Griebenow Jesse Muir Grossman Rachel Bara Gruzen Daniel H. Jones **!!!** Alder Keleman Christopher Ryan Meaney Hatsy Harriet Moore 🕭 Krista A. Mostoller Shuichi Ozawa Patricia Ruby Bachmann Benjamin Aaron Shepherd Robert Mason Smith Kristen E. Welsh Yeqing Zheng Xizhou Zhou

#### 2007

Anonymous (2) Terry Tyrone Baker Matthew Douglas Brewer Gordon Clement Clark Brandi Adele Colander Emily Dawn Enderle Beth J. Feingold Cassie Leigh Flynn Claire Maile Gagne Todd Michael Gartner David Richmond Griffith Tracy Monique Magellan Amanda Moss Cowan Kevin Patrick Ogorzalek 욮 Suzanne Elise Oversvee Sarah Beth Percy Judith Carleton Preston Mackenzie S. Schoonmaker Sara E. Smiley Smith Jinlong Wang Rachel Susan Wilson 👤 Tenley E. Wurglitz

#### 2008

Georgia Basso Joshua A. Berman Jessica Erin Boehland Sara Bushey Ohrel Rayna Hake Caldwell Jaime D. Carlson Duncan Hin-Shing Cheung Marcia J. Cleveland Caitlin Carey Cusack Michael Allan Davies 免 Jorge Rafael Figueroa Troy D. Hill Scott Robert Laeser Naoko Maruyama Jennifer Ann McIvor 免 Caroline Elisabeth Raisler Paula Bridget Randler Catherine Frances Miner Rawson Michael John Robertson Angela Colleen Rutherford Terry Michelle Unger Jason Adam Weiner Yong W. Zhao

#### 2009

Gabriela Alonso Mendieta Katharine Elizabeth Boicourt Casey Crockett Brown Helen Karin Chabot Robert B. Gabler 👤 Haley E. Gilbert Jordan Evan Macknick Andre Mershon Kate Harrison Muchnick Elise N. Paeffgen Tristan James Peter-Contesse: Christian E. Salas Eljatib Panah Stauffer Robert Allison White III Jack Alexander Yeh

#### 2010

Abigail Lee Adams Jennifer A. Baldwin Paul T. Beaton Gillian S. Bloomfield Nasser Camilo Brahim David Nathaniel Burns Chelsea Megan Chandler Francisco J. Espinoza Magri Changxin Fang Eric Daniel Fournier J. Walter Freiberg IV Zahid Ullah Hamdard C. Walker Holmes Jacob R. Holzberg-Pill Adrian Corin Horotan Jonathan Christian Labozzetta Sarah A. Lowery Jason Paul Nerenberg Thomas John Paul Casey S. R. Pickett Marissa Jean Ramirez J. Michael Sesko Monica Ann Skeldon Matthew Charles Thurston John Frederick Thye 👥 Kristin Carroll Tracz Debbie S. Wang Alexandra N. Whitney Jianan Xin Seth Zeren

#### 2011

Margaret Wilde Arbuthnot Julianne Baker Gallegos Erin D. Clark James Robert Collins Elyzabeth Adrienne Earnley Elizabeth B. Friedlander David Dickinson Henry III Saman Ikram Jennifer R. B. Miller 👤 **Grady Whitman** O'Shaughnessy Katie Julane Schindall Shelby Leigh Semmes Rebecca McKay Steinberg Bertrand Ngankam Tessa Christine Jane Trac Elizabeth Dickson Turnbull Wanting Zhang Eva Tiffany Zlotnicka

#### 2012

Anonymous (1) Daniel Adam Berkman Joshua C. Brau Agustin Francisco Carbo Lugo Michael Healy Carroll Howard Kai-Hao Chang Diana Gail Connett Anuj Manubhai Desai Simon De Stercke Christina Dietrich

Christopher Lee Dutton Erin Burns Gill Andres Gonzalez Benjamin Goldman Healev Rachel Anne Kramer Sameer Kwatra Ainsley Marie Lloyd Julia Serody Meisel Munied M. Murad Ariel Patashnik Nathan Eustis Rutenbeck Chandra Simon Sharon Janelle Smith Joseph Twu Teng Paul Dixon Thomson 👤 Andrew Benito Zingale Kendall L. Barbery

#### 2013

Alana Callagy 📤 Liliana Davila Stern Rebecca Z. de Sa Geoffrey S. J. Giller Benjamin A. Goldfarb Ariana I. Gonzalez 🚄 Lauren E. Graham 📤 Brendan D. Guv Bradford P. Harrison 👄 Rui He Naomi C. Heindel 📤 Patrick William Hook Angel Hsu Andrew Kraczkiewicz Michelle E. Lewis Justin Matthew Lindenmayer Dexter H. Locke 🚕 Victoria M. Lockhart 🚕 Matthew A. Long Omar A. Malik Luke J. McKay Jose Medina Mora De Leon 🚕 Evan Fullen Ray Katherine R. Romans Troy R. Savage Courtney G. H. Seltzer Lisa C. Weber 🚕 Angela P. Whitney

#### 2014

Anonymous (1) Brian Ambrette 🚕 Acheampong Atta-Boateng Laura A. Bakkensen 🚕 Dominique Z. Bikaba Robert W. Buchkowski 🚕 Bryan T. Crowley Joanna M. Dafoe Laura G. Franceschini 🚕 Benjamin Friedman 🚕 Joanne L. Klein Nara Lee Mary Ellen Lemay Austin Lord Zulimar Lucena

Rachel H. Mak 🚕

Elizabeth B. McGovern William N. Miao 🚕 Jennifer M. Milikowsky 🕏 🚕 Lia K. Nicholson 📤 Elizabeth T. M. Ojo 🚕 Robert E. Orvis 🚕 Lauren K. Sanchez 🚕 Erin M. Schnettler 🚕 Karen A. Tuddenham Noah W. Walker

#### 2015

Uma N. Bhandaram Minna B. Brown 🚕 Joseph B. Calamia 🚕 Michelle E. Camp Sarah A. Casson Mikael R. Cejtin Yaping Cheng Jenaleah R. Clarke 🚕 Kenneth J. Cloft 🚕 Akiva N. Fishman 🚕 Marissa Galizia 🚕 Emily S. Grady 🚕 Sarah D. Guy 🚕 Dawn Henning Linda K. Holcombe Stephanie L. Johns 🚕 Yun-Mei M. Lo 🚕 Ruth N. Metzel 🚕 Tara K. Meyer 🚕 Selena T. Pang 🚕 Clara W. Rowe 🚕 Margaret E. Sackrider 🚕 Frances Elizabeth Sawyer 🚕 Jeffrey R. Smith 🚕 Kristina A. Solheim Frances M. L. Thomas 🚕 Lindsay Toland 🚕 Katherine A. Tsantiris William C. Tucker 🚕

2016 Anonymous (16) Shaadee Ahmadnia Emma Rose Gesser Akrawi James Albis Ibrahim Amidu Gabriela Baeza-Castaneda James D. Ball Ralien Bekkers Jacob Bukoski Brittany N. Carmon Paloma Caro Torres Boming Cui Tristanne Davis Benjamin Dawson Erika Drazen Aiman Duckworth Bryan Early Menaal Fatima Ebrahim Rachel Katherine Ett Madeleine Larimer Faucher Fric Fine Anna Finke Beata Klaudia Fiszer

#### HONOR ROLL

Rodrigo Flores-Gutierrez Rachel K. Fried Jonathan Glogower Lucian Go Mar Gutierrez Anne Haas Nathan D. Hall Marguerite M. Harden Susannah M. Harris Katherine Holsinger Lara Iwanicki Michael Johnson Whitney R. Johnson Sumit A. Kadakia Enni Kallio Mohammad A. Khan Elias Kohn Nina Y. Lagpacan Kristin Lambert Iliana Lazarova Meghan Lewis Katelyn Liesner Fairuz Loutfi Breanna Marie Lujan Lea Lupkin Julia Luthringer Jared MacLane Karena Mahung Luciana M. Villalba Elizabeth S. Marsters Catherine Martini Apurva Mathur Logan S. McCoy Meaghan R. McGrath Michael Meehan Deborah Merriam 👤 Andrew Moffat William G. Murtha Robert M. Mwaniki Hui Min Stephanie Ng Erik K. Norell Nicholas Olson Aisha K. Pasha Rupal J. Patel Dana M. Patterson Olivia L. Pearman Sonam Peldon Michael P. Pellegrino Leonora Pepper Kyra Prats Jeevaneswaran Ramoo Lindsey A. Ratcliff Daniel J. Reid Eli A. Roberts Rafael Roca Gonzales Lawrence B. Rodman 👤 Adrien M. Salazar Thomas V. Selby Kelsey Semrod Hasaan Sipra Allison Sloto Weijing Soh Ariana Spawn Sarah M. Stevens

Yinong Sun Wan-Yu Sung Latha Swamy Sabrina H. L. Szeto Zaheer Tajani Tamara Thomas Trevor A. Thompson Linh E. Tran Meredith VanAcker Elliott Vander Kolk John van der Stricht Mariana Vedoveto Lisa M. Veliz Matthew R. Viens Dorji Wangdi Michael E. Warady Raymond Waweru Katherine Weber Leanne Weiss Charter Williams Laurel Williams Stefanie Wnuck Andrew J. Wu Kaiyang Xu Hong Suk Yang Jiani Yang Kezang Yangden Jonghyun Yoo Michele Zollinger

#### **CURRENT STUDENTS**

Philip B. Picotte

#### FRIENDS

Anonymous (8)
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Leland J. Adams, Jr.
Edward C. Armbrecht, Jr.
Helen M. Ashton
Peter S. Ashton
Christina Aston
David R. Atkinson
Timothy Averill
Theodore I. Bahn
G. Leonard Baker, Jr.
Frank E. Ball\*

Paul F. Balser Elizabeth Barratt-Brown Edmund Bartlett III Edward P. Bass Elizabeth G. Beinecke\* Forrest C. Berkley June M. Besek Sarah Bisson Ann M. Bitetti Elizabeth Cannon Black John R.H. Blum Jabe Blumenthal T. Anthony Brooks Martin S. Brown, Jr. William R. Burch, Jr. Coleman P. Burke William R. Burt\* Ryan Andrew Calkins Daniel J. Callahan William Cannon John Caron Patricia B. Carrico Daniel F. Case Larry G. Chang Lisa H. Chang Yue Chen Joseph L. Cissna Roger Cohn Peter B. Cooper Diane Cowel Peter R. Crane Edgar M. Cullman, Jr. Georgina Davie Cullman Debra Cuoco Louis J. Cuoco Sandra Cuoco Colleen H. Curry Dorothy Cutting Thomas F. Darden II Erin Daughton

Joanne DeBernardo

Makarand V. Dehejia

Nisha P. Desai

Kehan DeSousa

di Bonaventura

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Vivian Donnelley



# DONOR SPOTLIGHT: Ken Raisler '73 B.S.

Ken, a distinguished attorney and partner at Sullivan Cromwell, first became interested in the work of F&ES through his daughter Caroline '09 M.E.M. Seeing the intelligence and passionate commitment that Caroline and her classmates shared, he wanted to help support F&ES. In 2008, he made a five-year pledge to the Dean's Discretionary Fund, an unrestricted fund that is allocated by the Dean to student-led

initiatives and other priorities that arise over the course of the year. In 2013, Ken extended that pledge for another five years. With support from the Fund, F&ES students are continually exploring new ways to engage with the environmental community and make a difference in our world – from spurring dialogue on environmental issues through the student-run *Sage Magazine*; to leading career events in food policy and the environment, energy, and environmental journalism; to hosting the Environmental Film Festival

With Dean Indy Burke joining F&ES this year, Ken is excited that his contributions to the Dean's Discretionary Fund will help her put her imprint on F&ES. "I am pleased to lend my support to Dean Burke's new priorities for F&ES, and I look forward to hearing about the creative and innovative projects that she and the students undertake!" – Ken Raisler '73 B.S.

David A. Jones, Sr. M. Albin Jubitz, Jr. Stephen and Betty Kahn Christopher Kaneb Randall M. Katz Van Stuart Katzman Richard L. Kauffman June D. Keibler Matthew King Michael J. Kirby Thomas E. Kleven Carl W. Knobloch, Jr. Carla Knobloch David Kollen William C. Kunkler III Robert Kunzig Ayako O. Kurihara Liza Lagunoff Joanne V. Landau Jon Lanning Joyce E. Laudise James Leitner Kevin Maxwell Lin Lawrence H. Linden Henry Lord David Paul Loseff John McCall MacBain Allison R. Mace Whitney MacMillan Carl Lawrence Malm Sean and Alison Martin Mary McAllister Jonathan E. McBride Margaret K. McCarthy Donald S. McCluskey Duncan M. McFarland Josephine A. Merck Vicky Meretsky Richard Milburn Arthur N. Milliken Tamanna Mohapatra Martha Church Moore Garrett and Mary Moran Christopher Moroney Junko Nakai Taylor Neff Reverend Albert P. Neilson Marne Obernauer, Jr. Gilman Ordway Stanton C. Otis, Jr. Alfred Padula Vicente S. Pérez. Jr. Elliot R. Peters Michael Pontti Sarah Pope Gabriel Quadri Kenneth M. Raisler Edward R. Ranney Diana Mendley Rauner Isabelle Raval Norman Reeves Rosemary L. Ripley Bruce Robertson Emily Rom Jonathan F.P. Rose

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**Wyss Foundation** 

#### \* Deceased

Catholic Rural Life

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.

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Thank you for sharing these updates on your accomplishments, pursuits, 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*.

We would like to thank all F&ES Class Secretaries for their dedication to keeping their classmates connected to each other and F&ES. Welcome to our newest Class Secretaries for the Class of 2016: Paloma Caro, Mohammad Aatish Khan, Nicholas McClure, Mariana Vedoveto, and Lisa Veliz. Thank you!

#### 1952

#### Class Secretary Needed

Bob Bond '52 M.F. writes: "I have stayed in contact with Gene Carpenter '52 M.F. and Harry Hopkins '52 M.F. About three years ago I agreed to be our Class Agent, which has enabled me to contact other class members, a couple of whom I did not know. While cleaning out an old storage box recently, I found something I had long forgotten – 'Spring Camp Log, 1952 Yale School of Forestry.' It is typewritten, 24 pages, and is an interesting account of our 12 weeks at the Crossett camp. If you would like a copy send an email. I am in my 17<sup>th</sup> year in the retirement community of Granite Hill Estates. I no longer can take those long walks in the Maine woods surrounding us, but I stay active in other ways. I was very sorry to lose my wife, Barbara, who some of you will remember, in December 2012."

Herm Sommer '52 M.F. writes: "All is well with the Sommer family. Our two sons, daughter, and four grandchildren live here in the Northwest. Our beach home is just an hour from here at Grapeview with a great view of Mt. Rainier. The family joins us frequently there."

#### 1956

#### **Class Secretary**

Jack Rose jackarose@sbcqlobal.net

Patrick Duffy '56 M.F. writes: "A very good year as oldest daughter Ann finally met her man, Anthony, an architect in Whistler with four kids (8, 10, 14, and 16). Now we are 21 when gathering at our athletic reunions. Ann consults to Olympic Games cities in the bid phase (e.g., Los Angeles at present) embracing her Dad's passion for the Olympics since Yale when he coached the ski team. Serving as Class President and night clerking at the Faculty Club were learning highlights. I rely on Yale

Environment 360 messaging for my professional activities (climate change/ wildfire mitigation on the urban/forest interface) and for mentoring University of British Columbia forestry students. The first-year class this year numbers 1,000, so mentors are in demand. I routinely encourage students to consider F&ES for graduate work. I see Gordon Weetman '58 M.F., '62 Ph.D. and Bruce Larson '78 M.F.S. regularly at Canadian Institute of Forestry (CIF) dinner meetings."

#### 1958

#### **Class Secretary**

Ernest Kurmes ernest.kurmes@nau.edu

Herster Barres '56 B.A., '58 M.F. writes: "Our United Nations Framework Convention on Climate Change (UNFCCC) program to improve carbon-offsets continues. We now manage 455 acres (184 hectares) on 13 farms in Costa Rica with some superior CO2 capture rates. If your family or business wishes to become green, contact us for details about participation. Some of our earlier research forests have sequestered more than 2,000 mTCO2/ha in 50 years. More than 90 U.S. emitters are sponsoring these forests."

reforestthetropics.org

#### 1960

#### **Class Secretary**

John Hamner jhamner:@bellsouth.net

**Thomas Fearnley '60 For** writes: "Reached 83 years old, and in good health and condition. I'm still working as a forester for my son, who has taken over the family business. We are in the hunting season; shot 16 moose, four more to shoot. Winter is soon to come and the skis are ready. My wife and I returned from Svalbard in September, visiting old hunting grounds and glaciers, not to forget the wildlife."

#### 1961

#### **Class Secretaries**

Karl Spalt kjspalt@yahoo.com

Scott Wallinger scott@scottwallinger.com

Scott Wallinger '61 M.F. writes: "I continue to serve on two forestry or conservationrelated boards plus the board of The Charleston Museum. Work at the Lowcountry Land Trust is intensifying in the face of huge, rapid growth in the Charleston municipal area. This year we will add about 20,000 acres of land under conservation easements while taking leadership in creation of a strategic plan for green space around the three county municipal area. The book "Forestry in the U.S. South: A History," that I coauthored with Dr. Mason Carter and Dr. Robert Kellison, continues to be sold. In February, I moved into Charleston after 13 years on Seabrook Island, S.C. We now live in a condo in a retirement community but go often for day trips to our house on a saltwater creek 40 minutes away."

#### 1963

#### **Class Secretary**

James Boyle forsol40@comcast.net

William H. "Bill" Smith '63 M.F. continues to enjoy his 15 years of retirement by being a Senior Lecturer at Granite State College (University System of New Hampshire – adult education) and teaching Introduction to Environmental Science. In addition, he serves as a Trustee of the Society for the Protection of New Hampshire Forests, which is New Hampshire's largest land trust and is approximately as old as F&ES! The Society owns over 52,000 acres of forests in 175 reservations in 103 N.H. towns and holds 700 conservation easements on over 100,000 acres of private land. He writes:

"The biggest joy of retirement is the ability to spend quality time with my bride, Fox, and the families of my three sons: Phil, Tyler, and **Scott Smith '01 M.E.M.** 

#### 1964

#### **Class Secretary Needed**

Stephen John Hanover '64 M.F. writes: "My wife, Dr. Menglian T. Hanover, and I were engulfed in a beautiful bouquet of scenic delights that were on our must-do bucket list. This included traveling to beautiful British Columbia in October, including a week in Whistler where the fall colors of the many species of genera Acer showed off their brilliance; visiting the century-old suspension bridge in Capilano Park – which included a high walk through centuries-old Douglas fir in Vancouver; and two weeks in the Canadian Rockies in Alberta. Snow was on the menu, which was quite a diversion from the hot sub-tropics of our home in southwest Florida. Next will be a cruise to Antarctica in February 2017."

Adolfo Valenzuela Revilla Jr. '64 M.F., '78 Ph.D. writes: "During a 10-day break from tennis due to a typhoon in November 2014, I wrote my memoirs in bulleted format. Thereafter, I started writing a book entitled "Sustainable Forest Management in the Philippines," the e-draft of which was completed on December 27, 2015. Six months later, just one month after I had a silent heart attack and discovered that I have a heart failure condition due to weak heart muscle (I had a heart attack and quintuple heart bypass in 2003), the Society of Filipino Foresters offered to publish the book, so I embarked on editing it for publication. The 600-page book was launched on September 19, 2016, with an initial printing of 1,000 copies."

#### 1971

#### **Class Secretary**

Tom Nygren tnygren@juno.com

Rory Harrington '71 M.F.S. writes: "The past year had many highlights. These highlights started with the winning of contracts to treat acid mine drainage in Portugal and Spain for both operational mines and those that had closed using the 'Integrated Constructed Wetland' (ICW) approach. Then, thanks to New Zealand Landcare Research, I was able to visit Hamilton in New Zealand's North Island, delivering a one-day workshop on the ICW concept. Helena, who accompanied

me throughout, and I visited the South Island and stayed with friends and colleagues in Wanaka. The visit allowed me to take in parts of Australia (Perth and Cairns) en route, visiting colleagues of many decades standing. More recently our wetland reanimation work at VESI Environmental, Ltd., is being widened to include forest management. Recently, I was invited to revisit 20-year native tree experimental plots I initiated when I was with the National Parks and Wildlife Service. The trees are doing well on the wind-swept side of Mangerton Mountain that overlooks Killarney National Park. Thanks to innovative ground preparation and lightweight fencing to exclude large herbivores, the forests of Ireland can be reanimated. And so it goes; thankfully no excuse to slow down."

Tom Nygren '71 M.F. writes: "Planning for small woodland owner clients kept me pretty busy this summer, along with shepherding our younger grandkids in building some trails to access portions of our small woodland. Having this connection with both small woodland owners and with grandkids is very rewarding for me. Hopefully the small woodland owners will be able to more effectively manage their properties, and the grandkids will have some memories of both how interesting the natural world can be and how rewarding it is to see the results of useful work. Occasionally I run into some F&ES grads during my activities; this year I appreciated getting to know Ben Hayes '15 M.F., who is working with the Pinchot Institute for Conservation on their carbon sequestration program. This ties into my small woodland planning as a plan is needed in order to participate in the carbon program. On the family front, we now have a Ph.D. grandson doing medical research, another with a dual civil and forest engineering degree working for a consulting company, a history teacher, and three more in college coming along. More rewards for us as we watch this family progression! As for my wife, Pat, and I, we are content to stand back and watch as the new generation takes over!"

Jim Okraszewski '71 M.F. writes: "Here in Michigan's Upper Peninsula we have had regular rains all summer, some of them very heavy, which washed out major crossings all over the western Upper Peninsula and Wisconsin. A very strong but short-lived windstorm in August took down a lot of trees, blocked roads, and cut power for several days. A neighbor's wife was caught in it and was stranded on a county road about five miles away. He and I had to cut our way out of here and down the county

road to get her free from where she was trapped. It also undid my hard work of individual tree selection on several neighbors' land, proving that the best laid plans of mice and foresters oft go wrong. The logger will be back soon and I'll have him salvage what he is able to. I hooked up our generator after the storm and it kept us going with almost no interruption. I also made contact with an old classmate (yes, we are all getting old now!), **Bart Young** '71 M.F., who lives in Africa. It was great to hear from him. Our children are in Chicago, St. Paul, Boulder, and Honolulu. The Boulder son works frequently in Greenland at Summit Camp, a very cold and desolate place. Our St. Paul daughter travels occasionally to Niger, Africa, to help establish a physical therapy program there. Our Hawaiian daughter and husband would like to move back to the mainland, and our Windy City son still makes music for a living wherever the need for a great percussionist exists. I volunteer for a local hospice and my wife, Clare, volunteers at the Land O Lakes library. That's the news from Michigan's Lost 40, as this place is called."

#### 1972

#### **Class Secretary**

Matthew Rosen m.rosen@mchsi.com

Helen Kim Barnes '72 M.F.S. writes: "I retired in March 2015 from the University of Alabama at Birmingham School of Medicine's Department of Pharmacology and Toxicology after having spent my entire career as a protein biochemist there. Protein biochemistry, proteomics, and pharmacology may sound far removed from forestry and plants, but my research studied actions of bioactive compounds from plants that we eat. My second husband and fellow colleague, Dr. Stephen Barnes, is still chugging away as a metabolomics and mass spectrometry guru. However, as a step toward 'senior' living, we recently moved to a house on a beautiful little lake just south of Birmingham. We have our own dock, but no boat yet. Being retired has allowed me time to start ballet lessons, a childhood whim and now reality. I'm tickled to say I was allowed to get pointe shoes last year. I'm also currently President of the Alabama Asian Cultures Foundation, a nonprofit organization committed to celebrating Asian arts and culture across Alabama. As I've gotten older, I realize the importance of being American, but also retaining and celebrating my Asian heritage. Finally, I

became a grandmother this past summer with the birth of my first blood grandchild, Henry Lester Maggio, to my older daughter, Sabrina, and her husband, Pete. It has been a momentous year for my family – my younger daughter, Shannon, just got engaged to be married to a fine young man. I'm currently in great health and with a healthy husband, adult children, precious grandchildren (five from my husband's boys; one from my daughter), and waking up to a gorgeous view of a placid lake, I consider myself blessed. I would love to hear from or visit with anyone living in the area or passing through."

#### 1973

#### **Class Secretary**

Roy Deitchman rdeitchman@verizon.net

Deborah Hill '73 M.F.S., '77 Ph.D. writes: "I married in 2011, retired from the University of Kentucky in 2012, and finally moved in with my husband in Bloomington, Ind., this year after selling my condo in Lexington, Ky. I still own a small farm in Frankfort, Ky., which I plan to keep going (mainly fruitproducing) with the help of local workers. I'm working on my Spanish fluency and otherwise enjoying a physically and culturally active retirement with my husband, David Parkhurst, and our two cats.

1973 Class Secretary **Roy Deitchman '73 M.F.S.** added that he mentioned to Deborah that he had helped with an F&ES trivia contest for the D.C. alumni group and one question concerned the addition of "ES" to the School's name in 1972. Deborah remembered the following: "I was in Jackie's office overlooking the front of Sage Hall when they were carving in the new name. She yelped and ran out the door because the etcher was misspelling 'environmental'! If you look closely, you can see the roughness around the 'n' and 'm.' Fortunately, it was correctable!"

#### 1974

#### **Class Secretary**

R. Lautenschlager rlautenschlager@mta.ca

**Liz Mikols '74 M.F.S.** writes: "I send this from Italy, where I am on a tour of Rome, Florence, and Venice. Yes, I've scoped out the Pines of Rome. Before the trip, I stopped in Washington, D.C., to visit **Audrey Hoffer** 

'75 M.F.S. and her husband, Ron. I'm also headed to Munich, Germany, to see a niece and her husband. I managed to vote absentee, via email courtesy the Grant County Clerk's office in New Mexico. I'm still teaching Zumba, Tai Chi, and aqua aerobics for fun. I have recently taken up ceramics and am having loads of laughs playing in the mud. I continue to present on New Mexico history through lectures and impersonations. Any and all are welcome to visit me in Silver City, N.M."

#### 1975

#### **Class Secretary**

Hallie Metzger hallie.metzger@rcn.com

Jean Thomson Black '75 M.F.S. writes: "I continue in my work at Yale University Press, as senior executive editor. No retirement date in sight yet, because the work is very stimulating and enjoyable. One book we published this year might resonate with many classmates: 'Hubbard Brook: The Story of a Forest Ecosystem' by Richard T. Holmes and Gene E. Likens. It's a wonderful overview of the 50+ years of research at Hubbard Brook, with over 180 color photographs and illustrations."

Terry Chester '75 M.F.S., a new grandfather, has relocated his and Kym's companies, as well as themselves and Zeus, to Sun Valley, Idaho, aka "Paradise." He writes: "We will continue to work with clients from everywhere/anywhere as we enjoy long hikes, oftentimes without seeing another human being. Everything natural around here is spectacular!"

**Evan Griswold '75 M.F.S.** is stepping down after three years as an AYA Delegate, 10 years on the F&ES Alumni Association Board, and four-and-a-half years as Chair of the F&ES Annual Fund and Class Agents. "My role at the F&ES Annual Fund will now be ably played by Star Childs '76 B.S., '80 M.F.S.," he writes. "I will always cherish my years at F&ES as a student and as an alumnus volunteer. I am also winding down my real estate career after 35 years to spend more time introducing our four grandchildren to the natural world and the joys of managing a small private forest holding in Connecticut. Between drought and Gypsy Moths this year, it has had its challenges. The Emerald Ash Borer looms on the horizon. Hoping all our classmates are well and thriving."

**Audrey Hoffer '75 M.F.S.** enjoyed a minireunion with **Alyn Caulk '75 M.F.S.** this summer when she and her husband, Ron, visited Alyn in Virginia Beach, Va.

Jaynee Levy '75 M.F.S. writes: "This is my first year in full retirement, which I am enjoying immensely. I am involved in several volunteer endeavors related to wildlife and outdoor pursuits, and travel frequently back East from Washington to assist and visit my mother, who is now challenged by living in her 90's. I'm also vacationing in my free time, including kayaking Broughton Archipelago off the coast of Vancouver Island, ferrying along the Norway coast, and hiking within the Maine fall foliage. I got together with Steve Shotland '75 M.F.S. this month, who was not only in our F&ES class, but also in my elementary school!"

Hallie Metzger '75 M.F.S. writes: "I am delighted to announce that I auditioned successfully to be a super in the new Lyric Opera of Chicago production of 'The Magic Flute'. My role? Apparently I will be a grandma. Oh well, I can't argue with reality."

#### 1979

#### **Class Secretary**

John Carey carey@aya.yale.edu

**Chris Brown '79 M.F.S.** traveled to many of the "M" states this summer to see family and friends and to paddle: Maine, Michigan, Minnesota, and Montana. Chris is still mostly occupied with a historic preservation effort on the 110-year-old Washington Canoe Club.

John Carey '76 B.S., '79 M.F.S. writes: "I've been enjoying writing stories for the news section of the Proceedings of the National Academy of Sciences (PNAS) on such topics as the case for a new geological epoch, the Anthropocene, the latest recycling technologies for plastic, and the effort to 'rewild' the natural world by recreating a Pleistocene-like ecosystem. Those and more are posted on my webpage." johncarey.biz

In 1977, **Pierre Lafond '79 For** bought an abandoned orchard to fulfill a childhood dream to produce old Normandy-style ciders. With his wife, Patricia, he founded Cidrerie St-Nicolas, which has contributed to the renaissance of the cider industry in North America with the creation of Ice Cider in the 90's. Today, his three children help manage the 15-hectare, 6,000-tree orchard and cidery. He writes: "I have kept magnificent memories of the years I spent at F&ES with my classmates and professors."

Pat Leavenworth '79 M.F.S. writes: "I hope all classmates are well and thriving in life and being outdoors as much as possible! Life continues to be full of farm, family, and volunteer work here in Wisconsin. I just finished the 'Waters of Wisconsin II' with the Wisconsin Academy of Sciences, Arts, and Letters as a steering team member. I'm co-chairing the Wisconsin Land and Water Conservation Association's Food, Land, and Water Project, which will conclude a year from now. I'm enjoying being on the boards of the Natural Heritage Land Trust and the Mount Horeb Farmers Market. Our daughter is a soil conservationist in northeast Iowa and our son is in the Peace Corps in Panama living in a Ngäbe community working in sustainable agriculture with cacao growers. Phil is loving being a Driftless Area farmer. Thinking of those whom we have lost in our F&ES family. Best to all!"

Robert Perschel '73 B.A., '79 M.F.S. writes: "I'm still serving as Executive Director of the New England Forestry Foundation (NEFF), building staff and capacity to protect forestland and promote exemplary forestry. NEFF owns 150 community forests and supervises conservation easements on over 1.1 million acres. We are currently working with F&ES on several projects, such as learning how to communicate better with over 170,000 New England landowners and promoting the use of engineered wood in tall wood buildings. Research by Professor Chad Oliver '70 M.F.S., '75 Ph.D. indicates we could offset 14-31% of carbon emissions through greener construction. NEFF is trying to capture that potential through our 'Build it with Wood' initiative. We are also working with a coalition of partners to brand the western mountains of Maine and alert the country to what a spectacular eastern landscape it is. Come with me for a visit to Maine's Mountains of the Dawn and see for yourself."

newenglandforestry.org

### 1980

#### **Class Secretary**

Sara Schreiner Kendall sarabskendall@gmail.com

Patricia Kolb Millet '80 M.F.S. is still bi-coastal, with Jack joining her as a partner in the Cape Breton business, which is expanding to include custom furniture, cabinets, and home repair. Her son Nathan continues working with the Forest Service as a hydrologist in Idaho.

Her daughter Emma is now captain of the schooner, Bowdoin, flagship of the State of Maine.

#### 1981

#### **Class Secretaries**

Fred Hadley fhadley@sit-co.net

Gail Reynolds *qail.kalison.reynolds@aya.yale.edu* 

Lilly Beerman '81 M.F.S. writes: "After leaving behind a Washington, D.C., career, earning a doctorate, and surviving manmade and natural disasters, I have finally settled down in Central Texas and am back to work at the Texas Commission on Environmental Quality. I have exchanged board-feet for acre-feet and am drafting water rights permits, when and if water is available. Chuck Dvorsky '80 M.F.S. recommended me for the position. Pat West '75 Ph.D., the Chair of my committee at the University of Michigan, is doing a rain dance. No rain, no permit ... seems to be working. Me too!"

Bruce Kernan '81 M.F.S. writes: "I still live in Quito, Ecuador, in the winter and spend most of the summer in South Worcester, N.Y. In August, my father, Henry Kernan '41 M.F., a graduate of the Yale School of Forestry, passed away two months short of 100. Our Charlotte Forest in South Worcester seems empty without him there doing silviculture work among the little sugar maples. I'm getting short-term consulting jobs in Africa, Latin America, and Southeast Asia. I'm so sorry I did not make it to the reunion."

**Libby Lyons '81 M.F.S.** writes: "2016 finds me far from New Haven – spending a year in Tokyo as the Director of the National Science Foundation's Tokyo Regional Office. What a blast it has been – exploring the science, culture, food, and nature of Japan and the region. I have turned into a pretty avid birdwatcher, which has gotten me out into the wilds for my 'nature fix,' and helped keep me sane while living gardenless high up in an apartment in the largest metropolitan area in the world. Drop a line if you are coming through Tokyo – it is a great city; the sites and people are wonderful, and I am always up for visitors, especially since my family has only been able to visit for short stints. My daughter, Sally, is getting a Ph.D. at Duke studying the microbiome of lemurs; my son, Nick, is studying international economics at Radford; and my husband, Alan, whose title is National Contraceptive Security Advisor, manages a \$2B USAID project that delivers

reproductive health supplies around the world. (His job has led to some pretty interesting conversations, e.g., with the kids at their bring-your-parent-to-school days!) I'll move back to the D.C.-area at year's end – who knows what the next big adventure will be!"

Beth Mullin '81 M.F.S. writes: "I am still in D.C., working as a lawyer with the District of Columbia Department of Energy and Environment. We deal with everything from asbestos to climate change. I find it very rewarding to focus on a small geographic area where I can see what we are protecting. Last fall, my husband and I sold our house in the suburbs and moved to Capitol Hill. I love getting to walk by the Supreme Court and Library of Congress on my way to work. I would be happy to see any classmates that would like to visit D.C.!"

Mark Plotkin '81 M.F.S. is completing his new book – "The Amazon Rainforest: What Everyone Needs to Know" – for Oxford University Press.

#### 1982

#### **Class Secretaries**

Barbara Hansen bjhansen@fs.fed.us

Ken Osborn kennethdosborn@gmail.com

Kent Wommack '82 M.F.S. writes: "After 34 years at The Nature Conservancy, I started a new job in September as Executive Director of the NYC-based Liz Claiborne & Art Ortenberg Foundation. With the passing of the benefactors, the Foundation will have an annual grant budget in the range of \$8 million for wildlife and community-based conservation around the world. My wife, Gro Flatebo '82 M.F.S., and I hope F&ES friends will look us up in New York City or in Maine where we still have our family home."

#### 1983

#### **Class Secretary**

Stephen Broker Is.broker@cox.net

David Loeks '83 M.F.S./M.B.A. writes: "The Peel Watershed Regional Plan case will be heard by the Supreme Court of Canada in March. As Chair of the Planning Commission, I'm pleased that we extended protection to a wilderness area the size of New Brunswick (or West Virginia). First Nations and the majority of Yukoners are hoping the Court will uphold the plan. On a different front,

my company, Heartland Timber Homes, is becoming an economic development firm. Our equipment and training packages enable First Nations in Canada and Native Alaskans in remote areas to become self-sufficient for housing. Local timber, local labor, local manufacture: our notion of sustainability."

#### 1985

#### Class Secretary

Alexander Brash alexanderrbrash@qmail.com

Ed Backus '85 M.F.S. writes: "In January 2014, after 21 years, I left my position at Ecotrust and am now happily running a solo consulting practice in community fisheries - creating fisheries trusts, infrastructure development (cold storage, fish processing, working waterfront), quota and permit valuations, and related projects. I am also in the process of attempting a leveraged buyout of a major seafood processing company and conversion to production of processing 'waste' to advanced food grade protein powders. This is all fun and I work as much as I want - plenty of time for drift boating, fishing, and paddle boarding. My wife, Jessica Miller, is a Professor of Marine Fisheries Ecology at Oregon State University's marine campus, and courtesy of her sabbatical, we spent most of 2015 on the Big Island of Hawai'i. Jessica had office and lab space at the USFS Research Station in Hilo where Katie Friday '85 M.F. is employed, so we saw Katie and J.B. Friday '85 M.F. fairly often. We lived in the small town of Honomu and experienced some real Hawai'ian community life. You can read or just look at the pictures on my blog." **Biq Island Time** 

Helen Ballew '85 M.E.S. writes: "For the past six years I've been the Executive Director of a nonprofit earth care ministry called the Headwaters at Incarnate Word. Headwaters stewards a 53-acre nature sanctuary situated at the headwaters of the San Antonio River just three miles north of downtown San Antonio. It's owned by Catholic nuns who have lived on the land since 1897. It contains the original source spring of the famous river, once the sixth largest in Texas and described as a fountain spring shooting many feet in the air. Now, after decades of benign neglect, the Sanctuary's urban forest is being restored to ecological health with the help of thousands of community volunteers. The Sanctuary is also used for scientific

research, environmental and cultural education, spiritual reflection, and general enjoyment of time spent in nature. Of all my efforts over the years in land conservation, environmental protection, and education, this is the first to explicitly incorporate spirituality as part of the mission. Most people we meet seem to welcome this dimension and appreciate the notion that as we work to heal the land, it in turn heals something within us."

The Class Scribe, **Alex Brash '85 M.F.S.**, and his wife, Jane, are also almost empty nesters, with their oldest son working for NBC Sports and their daughter at Colgate. He recently amicably left Connecticut Audubon, and is now happily on sabbatical working on two books. He is most pleased to note that two parks he pushed to create recently came to fruition under President Obama – Katahdin Woods and Waters National Monument (thank you to **Mary Tyrrell '97 M.F.S.** and F&ES) and the Stonewall National Monument in NYC.

Lynn Espy '85 M.F.S. writes: "After working as a hydrogeologist for a number of years, then taking time to raise three kids, for the past eight years I have been working as the **Development Director for Maine Coast** Waldorf School in Freeport, Maine, where our three kids went to school. In addition to the friendships made, I think I most appreciate the training I received at F&ES in the fields of scientific inquiry, writing, and data analysis. These skills are transferable to my current needs to explore the psychology behind philanthropy, write persuasively, and use data and illustrations to demonstrate my arguments. There are plenty of F&ES alums here in Maine and we recently went to an alumni reunion here which was really great. Jay Espy '85 M.E.S./M.B.A. and I regularly see Caroline Eliot '85 M.E.S., Caroline Norden '86 M.E.M., Bob Moore '86 M.E.S., Libby Moore '87 M.F., Kent Wommack '82 M.F.S., and Gro Flatebo '82 M.F.S. (ok, the last two are also family). A bonus of living near Bowdoin College is that we also get to see friends like **Brent Bailey '85 M.E.S.** (and his wife Liz Cohen) fairly often, as their second daughter is at Bowdoin, and we saw Jock Conyngham '85 M.F.S. when his son was at Bowdoin. Lastly, I'm very excited that a Middlebury

The latest gift to us all from **Ted Elliman '85 M.E.S.** is his new field guide, "Wildflowers of New England," which he's been working on since 2013 for the New England Wild Flower Society, and which was published by Timber Press this year.

friend, Indy Burke, is now Dean at F&ES!"

Katie and J.B. Friday (both '85 M.F.) are adjusting to life with an empty nest. Their son, Nathanael, graduated last year and is currently in New Zealand, and their daughter, Hilda, left Hawaii for New England and is a freshman at Dartmouth, where she is joining the Dartmouth Woodsmen's Team. Katie is providing climate change information for agroforestry farmers in the Marshall Islands, and J.B. is leading the fight to contain a new disease that threatens to be the Dutch Elm Disease for Hawaii's most important native tree, the 'ōhi'a.

Jon Nute '85 M.F. writes: "Nute has retired! After 29 years as the Hillsborough County Forester working for UNH Cooperative Extension, I turned 65 in June and retired on July 1. Remember that I was one of the older 'second career' students in the class, having previously worked as a logger. I'm staying busy serving on the state SAF committee and local conservation groups, as well as playing in my own woodlots. My wife, Anne, will retire next year from her teaching job and we plan to travel while still healthy. Cheers to all!"

Whitney Tilt '85 M.E.S. writes: "I continue to work in southwest Montana on a variety of natural resource issues, from conifer encroachment to providing access to public lands to under-resourced youth. When not working, Sarah and I enjoy training a new Small Münsterländer pup, hiking, fishing, and wing shooting. As a member of the F&ES Alumni Association Board, I've also enjoyed getting back to campus and getting involved with the School."

#### 1987

#### **Class Secretaries**

Christie Coon christie.coon@mac.com

Melissa Paly mpalyo1@qmail.com

Julie Dunlap '87 Ph.D. writes: "I've been thinking about F&ES a lot lately, while studying the early years of the School as a Scholar-in-Residence at Grey Towers National Historic Site. Grey Towers was the site of the Yale Forest School's summer camps for the first 25 years after its founding. Anyone interested in the origins of F&ES would enjoy visiting beautiful, historic Grey Towers in Milford, Pa. Maybe I'll see you there!"

#### 1988

#### Class Secretaries

Diane Stark salserad@yahoo.com

Philip Voorhees philiphvoorhees@gmail.com

Holly Welles hwelles@princeton.edu

Eric Jay Dolin'88 M.E.M. writes: "My most recent book — "Brilliant Beacons: A History of the American Lighthouse" — was published in April 2016. I have given more than 60 talks on the book throughout New England and as far away as Maryland and California, and have done many radio and TV interviews. I am now working on a book on pirates. My daughter has left home and is a sophomore at NYU, and my son will be leaving in two years for college. My family and I live in Marblehead, Mass., and if any alums are in the area, please contact me. I would be happy to show you around and grab a drink."

Kaaren Lewis '88 M.E.S. writes: "I recently moved into a new role as the Assistant Deputy Minister of Environmental Sustainability and Strategic Policy for the British Columbia Ministry of Environment. I'm spending lots of time working through implementation of a new Water Sustainability Act for B.C., and speciesat-risk policy issues and recovery efforts for a wide range of species such as caribou, marbled murrelets, and spotted owls. My two children (19 and 16 years old) are happy and healthy, and both avid outdoors people. We enjoy our home and active life in Victoria, B.C. Please connect with me if you are ever in the area – we have some beautiful places to explore, and I am keen to share experiences."

#### Jackie Prince Roberts '84 B.S., '89 M.E.S./

M.B.A. writes: "After 20 years in the advocacy sector, primarily at Environmental Defense Fund, I'm now the Chief Sustainability Officer for a private equity firm in Washington, D.C., The Carlyle Group. I'm just ending my third year at this new gig and learning a lot and hoping the expectations on private sector action continue to grow. With three high-schoolers this year, not enough time in nature but looking forward to more travel and adventures in the future."

**Diane Stark '88 M.E.S.** returned to working for a nonprofit as Development Director for a grassroots foundation called Rose Foundation. She is also finally in post-production for her documentary about

her mom's Long Island activist BFFs' 47-year friendship. Her grown daughters are doing well in Washington and California. Diane worked with Helena Brykarz '89 M.E.S. for a couple of years at Global Footprint Network (the group who invented the Ecological Footprint) and is getting excellent nutrition training from Debbie North '88 M.E.S. She'd love to see you and says please contact her if you are in the San Francisco Bay Area.

Tom Strumolo '74 B.A., '88 M.E.S. writes: "Still the Dad; big wedding here at the farm in Norfolk in September for my youngest, Lizzie, who was born in 1988, soon after we graduated. Still amazed Ann and I had a kid in '87 and another in '88 – I was working so hard on my F&ES class work. Still working in buildings all over the country making them more efficient and cleaner. I'm piloting a cool new cloud-based approach to energy efficiency that I think can be scaled up dramatically – I'm aiming to touch a million buildings before I retire. If you get anywhere near New England, Florida, or Seattle, you better look me up."

Holly Welles '88 M.F.S. writes: "I just wrapped up several years serving on the F&ES Alumni Association Board and a three-year term on the AYA Board of Governors. I've loved being back at Yale, particularly at F&ES, and seeing so many old friends and meeting many new. Mostly, I am really impressed with the caliber of the students. They provide hope for the future. And, it was great to see so many engaged alumni at this year's Reunion Weekend, which was the largest in the School's history. I'm now taking the opportunity to devote more time to my 10-year-old twins, my husband who bore the brunt of my many trips to New Haven, our four-legged friend, Viva, and to my work at the Princeton Environmental Institute. Please come visit!"

#### 1989

#### **Class Secretary**

Betsy Carlson betsycarlson24@gmail.com

Helena Brykarz '89 M.E.S. is the Operations Director at Global Footprint Network and Rohit Salve '89 M.F.S. is Senior Scientist, Environmental Management, at the Pacific Gas & Electric Company. They are both in the Bay Area.

**Betsy Carlson '89 M.E.S.** writes: "I'm one year into being the Citizen Science Coordinator at the Port Townsend Marine Science Center in Washington. Still beautiful in this corner of the world."

CJ May '89 M.E.M. writes: "Taking a break from my work as Waterbury, Connecticut's recycling coordinator, I traveled to Iceland with my wife, Becky Seashore '88 B.A., for a 25<sup>th</sup> anniversary visit. While there, I performed 'Recycling is Magic' for school children at Reykjavik City Hall and a local grade school. We later visited volcanoes, glaciers, icebergs, bubbling craters of mud, and black sand lava beaches. While there, we met up with Yale Forester **Gudmundur** 'Mummi' Gudbrandsson 'o6 M.E.M. Managing Director of Landvernd, Iceland's largest environmental organization. We also met with Einar Mikael, Iceland's premiere magician and founder of a new Danish magic school to which I may be contributing environmental magic teaching."

#### Laurie Reynolds Rardin '89 M.E.S. writes:

"We are still loving it here in Concord, N.H., and are now officially empty-nesters! Hard to believe how fast the time has gone. Shout-outs to all my classmates from both Jed and me. A neighborhood effort (about six of us) which began in 2006 to protect 287 acres of wetland and forest from a huge residential development has resulted in city-owned, protected land! We dedicated a trail system last Saturday. I was only involved for the first few years, but this is great proof that grassroots efforts do pay off, but it takes time, as I am sure many of you know. I never thought this successful outcome would actually happen!"

#### 1991

#### **Class Secretary**

Gwen Thomas qmthomas 29@fastmail.fm

1991 Class Secretary **Gwen Thomas '91 M.F.S.** submitted this Reunion Weekend update for her class:

"What a great turn-out we had for our 25<sup>th</sup> class reunion in early October. Joining together for the festivities were: **Susan** Brodie '91 M.E.M., Margo Burnham '91 M.E.S., Creed Clayton '91 M.E.S., Jane Coppock '91 M.E.M., Gillian Davies '91 M.E.S., Diane Walworth Duva '91 M.E.M., Helmut Gieben '91 M.F.S., Tony Gordon '91 M.E.M., Jennifer Greenfeld '91 M.F.S., Alicia Grimes '91 M.E.S., Jimmy Grogan '91 M.F.S., '01 Ph.D., Bram Gunther '91 M.E.M., Suzy Hodgson '91 M.E.M., Ingrid Hopkins '91 M.E.S., Erin Kellogg '85 B.A., '91 M.E.S., Ted Kennedy '91 M.E.S., Mark Lickus '91 M.E.S., Doug Lober '82 B.A., '92 M.F.S., '93 D.F.E.S., Kim Locke '91 M.E.S., Callie McConnell '91 M.F.S., Barbara Milton '91 M.E.M., Nick Remple '91 M.F.S., Juan

Pablo Ruiz '91 M.E.S., Jennie Wood Sheldon '91 M.E.S., Alexandra Teitz '91 M.E.S., Gwen Thomas '91 M.F.S., Bern Weintraub '93 M.E.S., Mark Zimsky '92 M.F., and several spouses and children.

"Juan Pablo kicked off the weekend with a Friday afternoon presentation on his climbing adventures, sponsored by the Yale Himalaya Initiative. He gave his presentation to a packed room on the top floor of Sage Hall where the library used to be. Apparently they also conducted a video interview with Juan Pablo which should be up on their website soon.

"From Juan Pablo's presentation, we moved to the welcome by the new Dean, TGIF in the beautiful Kroon Hall, and on to our class dinner at a home rented by Margo, Kim, and Susan. Dinner was a time to really catch up with one another. The amazing thing about this group is how easily we slipped back into old friendships. For those of you not there, yes, we talked about you! We shared many fun stories that you all were a part of MODS, Terr Eco, fishing trips and fish fries, mud fights, the GPSCY Bar, late night study groups, Urban Resources Initiative activities, editing TRI newsletters, digging soil pits, and much, much more. It was a very special evening for all of us and we truly missed those not there.

"During Saturday morning breakfast at Kroon Hall, a number of us joined students from the International Society of Tropical Foresters (ISTF). One of the many things we discussed was a comparison of the overarching issues for students in 1991 and 2016. For our class, we felt that 1991 was a time to be talking about participation and community involvement in resource management. This served as a lens through which we looked at our classes and projects. In 2016, the ISTF students felt that climate change was the lens through which many F&ES students address their work. What a change there has been in those 25 years!

"The highlight of Saturday was the focus on Jennifer and Bram. They both participated in a morning panel discussion in which they shared lessons learned from two decades of work in urban natural resource management in NYC. The body of work that they have generated on urban systems is phenomenal and the entire class was inspired by their accomplishments. Complementing them, their friend and colleague Majora Carter, the Reunion Weekend keynote speaker, blew us all away with a talk on her experience in urban revitalization that found its roots

in the South Bronx and is now extending outwards to other parts of the state and country. Between Jennifer, Bram, and Majora we were all energized to think creatively about improving the quality of life in the communities in which we live and work. What a thrill it was to be present to honor Jennifer and Bram for their accomplishments when they received Distinguished Alumni Awards during lunch.

"On Saturday evening, F&ES hosted a Harvest Dinner that even Hurricane Matthew's pouring rain couldn't dampen. At long, beautifully-decorated wooden tables and benches, we shared a delicious meal under a tent outside of Kroon Hall. Our class was among the last to leave talking, changing seats, and talking some more until it was time to go. The next day a few stragglers made it to Sunday brunch and a tour of Marsh Hall and Greeley before parting ways.

"Helmut best summed up our feelings about this reunion when he wrote afterwards: '... how wonderfully uplifting and energizing it was to re-connect with so many of you last weekend. I felt such a surge of pride watching the presentation by Jennifer and Bram and learning about what they've accomplished for N.Y.C. and, by example, for humanity everywhere. I am so proud to be part of the Class of '91, not just for all the work that we have done and continue to do to make the world a better place, but for the quality of love and caring we bring to what we do. It didn't occur to me that, after 25 years, so many of us would be in the advanced stages of raising children, and it came as another boost to my sense of hope to think that we have, collectively, contributed in that way, too, hopefully passing along a legacy of leaving the world a better place than we found it. I find now, as I return to my workday world and my to-do list, I am carrying with me the energy of our weekend together and the sense of being part of something bigger, part of a team. I feel re-inspired and re-committed to excellence, and have tremendous gratitude to be part of this extraordinary fellowship.'

"I think we all agree with Helmut!

"Ideas were raised for future class gatherings in a few years: (a) a Colorado rafting trip and (b) a West Coast gathering. Any other ideas? Stay tuned ... it is only going to get better.

"Lastly, Susan set up a Dropbox site with photos from Reunion Weekend as well as our Class Handbook Update. Contact Susan if you need a link to access it."

#### 1993

#### **Class Secretaries**

Dean Gibson dgibson@sandiegozoo.org

Molly! Goodyear bvidogs@cox.net

Heather Merbs h.merbs@comcast.net

Patrick Baker '93 M.F. writes: "I'm an Associate Professor of Forest Ecology and Silviculture at the University of Melbourne in Australia. I split my working days between research reconstructing past droughts and floods from tree rings and developing silvicultural strategies to accelerate habitat for the endangered Leadbeater's Possum in the amazing Eucalyptus regnans forests outside of Melbourne."

Molly! Goodyear '93 M.E.S. writes:

"Greetings from snowy Idaho! This has been a great year for reconnecting with my F&ES friends! On a college tour out East with my son, Peter, I reconnected with Chip Darmstadt '93 M.E.S. in Vermont and Matt Auer '94 M.S., '96 Ph.D. in Maine. I hadn't seen either of them in more than 18 years! In April, Cynthia Barakatt '93 M.E.S., Lois Morrison '93 M.E.S./M.B.A., Jennifer Pitt '93 M.E.S., Ann Tartre '93 M.E.S., Susan Helms Daley '93 M.E.S., Margaret Williams '93 M.E.S., and I went on a pilgrimage to Aldo Leopold's homestead in Wisconsin. We got to see the cabin and land which inspired "A Sand County Almanac" and we had an in-depth discussion with the Senior Fellow and the Executive Director. Plus we had a blast catching up and making some silly phone calls to our fellow alums! I've gotten to see Gary Tabor '92 M.E.M. and Lisa Diekmann '85 B.A., '92 M.E.S. a lot thanks to our children's mutual interest in Nordic ski racing. I'm working at the local library and, thanks to Gary, consulting with an organization out of Bozeman, Mont., called Working Dogs for Conservation. Peter is a senior and Ella is a sophomore in high school, and both are very involved in the Nordic ski team. Mike, my husband, is still the Development Director at the local YMCA. Life is busy, but good."

#### 1994

#### **Class Secretaries**

Jane Calvin jcalvin@prospeed.net

Cynthia Henshaw c.henshaw@comcast.net

Jane Whitehill janewhitehill@gmail.com

Brooke Barrett '94 M.E.S. writes: "I completed a few bucket list items, including the Ghan train from the top to the bottom on a two-month trip to Aussie. Hobart Tasmania has a real Bohemian feel and some justifiably call it the Guggenheim Bilbao of the southern hemisphere. I am in much better health than at the reunion after two rounds of heart surgery. I have moved to a largely plant-based, preferably raw diet and find it enjoyable. I'm equally amused and appalled that having a grocery cart full of fruits and vegetables is such a novelty and draws comments at check out."

**Cynthia Caron '94 M.F.S.** writes: "Greetings from Sri Lanka where I am spending part of my year-long sabbatical. Keep an eye out for the free 'Land Tenure and Property Rights' MOOC that I teach for USAID. We will offer the course again in mid-January 2017."

**Kelly Hogan '95 M.E.S.** completed a postdoctoral fellowship in Reproductive Environmental Toxicology and Translational Research at the University of Michigan School of Public Health where she studied the effects of environmental toxicants on the placenta and gestational membranes. She recently began a second fellowship in adult stem cell biology at the Mayo Clinic in Rochester, Minn.

Nick Shufro '94 M.E.M. joined the U.S. Federal Emergency Management Agency (FEMA), part of the Department of Homeland Security, in September 2016. He is Assistant Administrator, Risk Management, of the Federal Insurance & Mitigation Administration (FIMA), one of the largest components of FEMA. He manages the National Flood Insurance mapping program. Nick writes: "This continues the evolution of my work, moving from environment, health, and safety, to sustainability, to adaptation and resiliency."

Jane Whitehill '94 M.F.S. writes: "I write in October, and, like many people in the United States, I'm thinking about the presidential election. I'm glad that I can vote; I'm glad that I chat with my neighbors as we walk over to the school across the street. I'm glad the polls are open from 6 in the morning

until 9 at night, and that absentee options are available. I'm glad that I see people voting who actually don't look like me."

#### 1995

#### **Class Secretaries**

Marie Gunning *mjgunning@aol.com* 

Ciara O'Connell cmoconnell@comcast.net

**Dwight Barry '95 M.F.S.** writes: "I'm now a lead data scientist at Seattle Children's Hospital, and my office is literally next door to the office of **Andy Cooper '95 M.F.S.!** 

Nina Rooks Cast '95 M.E.S. writes: "I took the spring semester off from teaching in order to take the position of Education & Outreach Officer aboard the JOIDES Resolution, a research ship run by the International Ocean Discovery Program (IODP). My expedition studied past climates by drilling off the coast of Africa and collecting 5.2 kilometers of deep sea mud. It was an absolutely amazing experience, the best thing I've done in my life so far! I gave 67 live presentations via Zoom to classrooms all over the world, and then upon returning to the U.S., I visited the Rhode Island and Vermont classrooms that participated in the ship presentation, bringing back some mud samples and doing smear slide labs looking for microfossils with the kids. I'm now back at school, with plenty of stories to tell." joidesresolution.org/node/4384 joidesresolution.org/blog/371

Harry Scott '95 M.F. writes: "I have been enjoying retirement since 2015. Last year we traveled to Copper Canyon in Mexico and spent Christmas with the Tarahumara Indians. In December, we are traveling to Cuba. We moved to Asheville, N.C., this year and recently took part in and enjoyed the M.F. Southern Appalachians field trip."

#### 1996

Saleem H. Ali '96 M.E.S. has been appointed the Blue and Gold Distinguished Professor of Energy and the Environment at the University of Delaware, with tenure in the Department of Geography and a university-wide mandate to foster interdisciplinary research and teaching. He had previously held senior faculty positions at the University of Vermont and was Chair in Sustainable Resource Development at the University of Queensland, Australia, where he will also retain adjunct affiliation. udel.edu/udaily/2016/september/blue-and-gold-professor

#### 1997

#### **Class Secretary**

Paul Calzada pcalzada@clf.org

Jon Kohl '97 M.E.M. shared that after 10 years his book, co-authored with Dr. Stephen McCool of the University of Montana, is out on December 1st. Titled "The Future Has Other Plans: Holistically Planning to Conserve Natural and Cultural Heritage," it is about emerging paradigms in planning that confront the global crisis in management plan non-implementation. It tracks the deep reasons why plans so often get left on the shelf, especially prevalent in the environmental and heritage fields around the world, and then proposes a more holistic, transdisciplinary approach to planning and implementing. He is currently planning a speaking tour in January in the Northeast.

#### pupconsortium.net/the-future-hasother-plans

Anne St. John '98 M.F.S. writes: "This fall I celebrated my 18-year anniversary with the Fish and Wildlife Service. It's really interesting to see timber species becoming increasingly important in CITES and wildlife trafficking discussions more broadly. It's always great to discover F&ES connections with colleagues too!"

#### 2000

#### **Class Secretaries**

Erika Schaub
easffe@hotmail.com

Zikun Yu info@ayuqlobal.com

**Jason Patrick 'oo M.E.M.** lives in Ridgefield, Conn., and manages the conservation project finance firm BioCarbon Group.

#### 2001

#### **Class Secretaries**

Leigh Cash cash@statsrule.com

Adam Chambers adam.chambers@por.usda.gov

Jenny Grimm jennywgrimm@gmail.com



Georgia Silvera Seamans 'o1 M.E.M. enjoyed a visit with her daughter, Colette, to Long Branch Nature Center in Arlington, Va.

#### 2002

#### **Class Secretaries**

Catherine Bottrill catherine.bottrill@googlemail.com

Roberto Frau rfrau@cocoaservices.com.mx

Cesar Alcacer 'o2 M.E.M. and Paola Amador 'o2 M.E.M. are living in Seville with their children, Hector and Mar. Cesar got his Ph.D. last year and is really thankful to Paola and the kids for their patience through the process as family, work, and research do not always blend. After working on the development of a Virtual Research Environment for water management, he's now working on drought risk management and implementing some gamification in environmental projects.

Roberto Frau '03 M.E.M./M.A. continues to live in Mexico City, now in cohabitation with his handsome French-Brazilian boyfriend of over four years and three very healthy aquatic turtles. He is a corporate social responsibility and community development specialist with a boutique consulting and coaching firm. He provides social performance due diligence assessments and social management systems design support for major development and commercial banks and their project loan recipients throughout Latin America.

**Rebecca Rundquist '02 M.E.M.** writes: "After over a decade of hard work, I was happy to see the final creation of the Katahdin Woods and Waters National Monument on August 24, 2016, by Presidential Proclamation. I worked on

the effort in the early years to strategically acquire land and negotiate its acquisition. It was publicly contentious but a great deal of relationship building happened behind the scenes. I also worked for a family foundation to support nonprofits in Maine doing environmental, agricultural, and creative work. My son, Lucas, who attended programs at the Yale School of Forestry & Environmental Studies and presented on the economic analysis of rural communities and economic growth adjacent to public lands, continues to work to raise matching funds for ongoing support of the National Monument as it continues to build out infrastructure and work through the planning process."

nps.gov/kaww/index.htm

#### 2003

#### **Class Secretaries**

Ben Hodgdon benjamin.hodgdon@gmail.com

Pete Land peter.c.land@gmail.com

Daniela Cusack '03 M.E.Sc. writes: "We just returned from a year in Panama on a Fulbright fellowship where I was studying climate change effects on carbon storage. Now it's back to work at UCLA come January. I'll be coming up for tenure in the spring. And, we just had our second baby, David Cusack Keck, last month. He is little brother to Gabriela, who is now 3!"

**Melanie Cutler '03 M.E.M.** is enjoying teaching AP Environmental Science and her Environmental Sustainability Internship Course at Andover High School in Andover, Mass. She is also enjoying the "sweet spot" years of parenting with a 3<sup>rd</sup>-grader and 5<sup>th</sup>-grader before the middle school years!

**Brian Goldberg '03 M.E.M.**, Missy, and their five-month-old, Ava, have happily resettled in Newton, Mass., and are prepping for a New England winter. Brian is now working in the MIT Office of Sustainability and is always looking to meet fellow F&ESers in the area.

Ilmi Granoff 'o4 M.E.Sc./M.A. recently moved from London to San Francisco to become the Program Director for Sustainable Finance at ClimateWorks Foundation. He is living by the beach and down the block from Kabir Peay 'o3 M.E.Sc., Alison Forrestel 'o3 M.F., and Oliver Grantham 'o3 M.F/M.B.A.

**Kate Hammond '92 B.A., '03 M.E.M.** and her family are thrilled to be back in the Denver area where she is a Deputy Regional Director for the National Park Service.

Samantha Rothman '03 M.F.S., '05 M.S. writes: "Thanks to my frequent travels to North Carolina, I've been able to catch up with Alex Finkral '97 M.F., '05 Ph.D. and Liz Kalies '04 M.E.Sc. Here in New Jersey, I've been getting to see quite a bit of Greg Socha '00 M.F. since we are both on the board of Grow It Green Morristown. This year I also launched my new business, Fairview Farm and Flowers, where I've been growing and selling my organically grown blooms."

**Abdalla Shah '03 M.E.M.** writes: "This year I went on Haj, an Islamic ritual where Muslims go to Mecca and other places for a period of prayers and other religious activities. I was one of them in 2016."

Pada "One" Vorakanon '03 M.E.M. writes: "Greetings from Bangkok! My work and my life haven't changed much, so nothing to update this time. But if anyone happens to come to Bangkok, please let me know! Hope to see some of you soon!"

#### 2004

#### **Class Secretaries**

Jennifer Vogel Bass jennifer\_vogel@yahoo.com Keith Bisson keith bisson@yahoo.com

Daniela Vizcaino dana.vizcaino@qmail.com

Laura Wooley
le.wooley@gmail.com

Cecilia Blasco '04 M.E.Sc. writes: "I moved to La Paz, on the southern end of the Baja California Peninsula, five years ago. March 2016 was a time of many changes for me: I finished building my environmentally friendly house, which is one block from the beach and has a guest apartment and standing invitation for F&ESers. I also took a professional leap and left the Mexican Fund for the Conservation of Nature, where I worked for ten years, to lead the non-profit side of SmartFish, a hybrid startup that helps artisanal fishers reach preferential markets for sustainably produced seafood. So you have another reason to come visit delicious fish! Hope to see you soon!"

Ona Ferguson '04 M.E.M. writes: "In April our second son, Soren, was born. He's a delight, and big brother, Bjorn, is slowly adapting. I'm back at work part-time at the Consensus Building Institute working on strategic planning, superfund site clean ups, community visioning, collaborative estuary research, and a bit on the challenging topic of diversifying the conservation field. I will be teaching my collaboration course at F&ES this spring, which is always great fun."

#### 2005

#### **Class Secretaries**

David Cherney david.cherney@colorado.edu

Dora Cudjoe dcudjoe@worldbank.org

Virginia Lacy virg.lacy@qmail.com

Benjamin Urquhart bnurquhart@gmail.com

Michelle Lichtenfels '05 M.F. writes: "I started working at Bonneville Power Administration in the Energy Efficiency group late last year. Our little girls are growing up – Lowe just turned 7 and Arley turned 3! I am enjoying the growing group of F&ES grads in the area, and hope to pull more ivy in Forest Park with y'all!"

#### 2006

#### **Class Secretaries**

Ying Chi flora.chi@gmail.com

Reilly Renshaw Dibner reillydibner@qmail.com

Sue Ely suzie.ely@gmail.com

Krista Mostoller anderson\_kb@yahoo.com

Jill Savery *jillsavery@yahoo.com* 

#### Anamaria Aristizabal '07 M.E.M./M.B.A.

is working as a coach and facilitator in Colombia and the U.S., working with change agents to hone their leadership skills and presence to make a greater impact. She writes: "With a team, we are offering a training in the spring called 'The Art of Hosting Conversations that Matter.' Please contact me if you are interested."

#### 2007

#### **Class Secretary Needed**

Jenna Bourne '07 M.E.M. writes: "James and I welcomed our second son, Finn, on Earth Day this year! Two-year-old brother, Owen, is now promoted to rock star status by his adoring baby brother. We are still living in Manchester, N.H., and said goodbye to my husky, Tunari, last summer. Drop a line if you're in the area!"

Matthew Brewer '07 M.F. writes: "I'm working in Panama, Colombia, Costa Rica, and the Dominican Republic, managing lands and working on integrated food production systems, agroforestry, tropical restoration, forest conservation, and offgrid community development with our firm Rainforest Capital. Two years married and a little munchkin are keeping life fun at our U.S. home base in Valley Forge, Pa. Hope to catch up at 10 year mark in the Have. Saludos a todos!"

Mike Perlmutter '07 M.E.M. writes: "Since 2013 I've worked for the City of Oakland where I support volunteer efforts to clean and green Oakland. My work supports everything from neighborhood cleanups to park maintenance and habitat restoration. Outside of work I'm keeping busy with Sofia, my 20-month-old daughter. I'm squeezing in music when I can, which over the summer included playing with my brass band, Inspector Gadje and the Subterraneans, at the wedding of Mira Manickam '08 M.E.Sc."

#### 2008

#### **Class Secretaries**

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

Kelsey Kidd Wharton kelseyk.wharton@qmail.com

**Kyle Meister '08 M.F.** writes: "My partner, Sheri, and I bought a house in Johnson City, Tenn., and also had our first child, Levi, in late 2015. I still do FSC Forest Management and Chain of Custody audits all over the world, and have also started my own natural resources consultancy."

#### 2009

#### **Class Secretaries**

Rajesh Koirala rajesh.koirala@aya.yale.edu

Neelesh Shrestha neelesh.shrestha@gmail.com

Simon Tudiver tudiver@gmail.com

Judith Wu jude.wu@aya.yale.edu

**Ke Cao 'og M.E.M.** writes: "I have been based in Edmonton, Canada, since August 2015, pursuing a Ph.D. in Strategic Management and Organization at the University of Alberta."

Mark Richard Evidente 'og M.E.M. is in the Philippines, where he leads TwoEco, a consulting firm that focuses on sustainable tourism development. Through TwoEco, he advises a number of resorts and local governments. He also occasionally teaches at the University of the Philippines, serves as Secretary of the Philippine Heritage Conservation Society, and is now licensed to practice both law and environmental (urban and regional) planning.

Andre Mershon 'og M.E.M. writes:
"Greetings from Washington! I'm still
at USAID, but in February I took a new
position with USAID's Center for Resilience,
supporting programs working with
vulnerable populations in East and West
Africa. This work took me to Ethiopia,
Kenya, Uganda, Mali, and Burkina Faso,
where I caught up with F&ESer Hyacinthe
Nare '15 M.E.M. My son, Alex, is two and
loves trains and eating tomatoes from
our garden. My wife and I are expecting
our second child in December."

#### 2010

#### **Class Secretaries**

Daniella Aburto Valle daniella.aburtovalle@qmail.com

Luke Bassett

Ihbassett@gmail.com

Paul Beaton paul.beaton@aya.yale.edu

Clara Changxin Fang clara@earthdeeds.org

William Lynam william.lynam@aya.yale.edu

Kristin Tracz kristintracz@gmail.com

#### Juliana Wang Chiang '10 Ph.D. writes:

"Hi, everyone! My husband and I moved to Notre Dame, Ind., in 2014. The Midwest has been a wonderful place for us, especially for our boys. If anyone is in the Michiana area, please come stay with us!"

#### 2011

#### **Class Secretaries**

Margaret Arbuthnot marbuthnot@gmail.com

Lucien Bouffard lbouffard@gmail.com

Efrie Friedlander efrie.friedlander@gmail.com

Gabriel Mejias gabrielmejias@gmail.com

Randal Strobo rastrobo@gmail.com

**Eliza Cava '11 M.E.Sc.** made the jump from national to local conservation by taking a job as Director of Conservation at Audubon Naturalist Society, an independent conservation and environmental education organization in the Washington, D.C., area focusing on clean water and healthy creeks and streams. Get in touch if you want to partner, volunteer, send your kids to camp, or take amazing natural history classes at their 40-acre sanctuary and historic mansion!

Esther Choi '11 M.E.M. writes: "I have been back in Berkeley to pursue a Ph.D. degree at the Department of Environmental Science, Policy, and Management at the University of California, Berkeley. I got married in Korea two months after taking the qualifying exam last year, and am now living happily with a husband and an adopted dog."

**Ben Larson '11 M.F.** writes: "I'm still living in Baltimore, working at National Wildlife Federation, pedaling and paddling as much as possible, and creating my urban farm as quickly as possible."

**Gabriel Mejias '11 M.E.M.** and Monica were delighted to be back in New Haven for the 5-year reunion and to see so many F&ESers! Gabriel keeps working for the IFC as an environmental specialist and Monica as COO of echo19.

**Brian McCurdy '11 M.E.M./M.B.A.** writes: "Dalton and I took our three daughters (Lola, 7; Juniper, 5; and Fiona, 2) on their first real road trips this year. In March, we drove through southwest Colorado and Utah, and this summer we cruised around Montana and Wyoming. Lots of great time in the wild outdoors was good for the family – wild horses near Slick Rock, Colo., were a real highlight! We still love living in Denver, where I get to see some F&ESers every so often."

Mario Peixoto Netto '11 M.E.Sc. writes: "I'm living in São Paulo, in a new apartment with plenty of room to host F&ESers! Come visit. I'm working in Brazil's sugarcane and biofuels industries trying to move the world on a better fuel; doing finance; and exploring connections with the U.S."

Giancarlo Raschio '11 M.E.M. writes: "I've been living in Berlin with my wife since 2015. I'm working as an independent consultant on forestry carbon topics (deforestation models, carbon accounting, etc.) for UNDP, and recently engaged in research projects with EU partners on food security and climate change."

Dania Trespalacios '11 M.E.M. recently moved to Santa Cruz, Calif., to join The Nature Conservancy's Coastal Risk and Resilience team. These days, she focuses on the ability of coastal ecosystems – coral reefs, mangroves, salt marshes, and oyster reefs – to create more resilient communities by reducing risks from storms, flooding, and sea level rise. When she's not working to protect the sea, she is usually in or near it. Do say hello if you happen to be in town – she'll happily take you out for a hike or a surf."

#### 2012

#### Class Secretaries

Simon De Stercke simondest@qmail.com

Naazia Ebrahim naazia.ebrahim@aya.yale.edu

Alison Schaffer schaffer.alison@gmail.com

Leigh Whelpton leigh.whelpton@gmail.com

Hannah Bement '12 M.E.Sc. writes: "I am teaching my second year of upper school science at Randolph-Macon Academy in Front Royal, Va. I recently started a recycling program and a new environmental science class here so I am sharing all the wonderful knowledge that I gained at F&ES. I am also heading up an effort through my local chapter of Virginia Master Naturalists to locate and monitor vernal pools and obligate salamander species in the region."

Lara and **Matt Browning '12 M.E.Sc.** are thrilled to announce the birth of their baby boy (Isaac Robert Browning) on June 21, 2016. He was 6lbs, 6oz. He loves walking in the woods, singing songs, and chewing on fuzzy animal toys.

#### Howard Chang '12 M.E.M./M.B.A. writes:

"I am working in solar energy at a small developer/boutique finance company called Sol Systems. I head up the Utility Origination Team, which is a new area for the company. I have been living in San Francisco for the last four years and loving it. I also recently got married to a SOM alum up in the Point Reyes area."

**John D'Agostino '13 M.E.M./M.B.A.** and his wife Giselle welcomed the birth of their son, Stellan Xavier, on October 9, 2016.

Yan He '12 M.E.M. writes: "I had a baby girl in March. She is a blessing. We moved from Denver to Belgium in July to start a new life. We are currently living in Gent, and really enjoy the lovely city. I will start working for a chemical distribution/trading company in November."

#### Kendra (Mack) James '01 B.A., '12 M.F. writes:

"Tom and I and our daughter Ava welcomed our new baby Cora on October 3. I'm entering my fourth year managing Hama Hama, a timber company and oyster farm on the Olympic Peninsula. It's pretty wonderful out here, a very wild and beautiful corner of the world, and F&ESers are welcome any time."

Brian Kauffman '12 M.E.M. writes: "I took an exciting next step from my job in Pennsylvania energy regulatory advocacy to join NRG Energy in March 2016. The shift is mostly from doing work at the public utility commission to now at the FERC-regulated level, focused at PJM, the regional electric grid headquartered outside of Philly. Also, my wife, Stacey Kallem, and I successfully grew several tomato plants this summer (heroic) and caught up with several F&ES friends coming through the city, which was great."

Maisah Khan '12 M.E.M. writes: "I am finishing my third year with the U.S. Department of Energy where I currently serve as a Senior Advisor for international climate and clean energy. When my appointment is over in January 2017, I am following the trend of other foresters moving out West and making my own big move to St. Louis!"

Sameer Kwatra '12 M.E.M. writes: "In my fifth year here, Washington, D.C., feels almost like home. I travel to India quite often, though. Every trip is filled with eager anticipation at either end: India's warmth enveloping me when I reach there, and Chia, my 3-year-old, jumping into my arms as soon as I am back. Let me know if you are in D.C. – it is always a pleasure to meet and reminisce with F&ESers of all vintage."

Emily Schosid '12 M.E.M. writes: "I finally returned to my homeland in Denver, Colo. I am back in graduate school, this time studying marketing at the University of Denver. On the side, I am working as the Energy and Education Program Coordinator at the University of Denver Center for Sustainability, still teaching college students why saving energy and riding bikes is so cool. I am psyched to be back in the Rocky Mountains, playing in the sunshine, riding my bike, and roaming the hills with my dog, Banjo. Holler if you're out West sometime!"

Sarah Uhl '12 M.E.Sc. writes: "I now live in the West End of Portsmouth, N.H., along with baby Alden (born in May 2016) and my husband, Zach. I still work for the Clean Air Task Force where I direct our program working to reduce emissions of short-lived climate pollutants. 2016 brought exciting expansions with the launch of methane and black carbon advocacy efforts in Canada, Mexico, and Latin America, in addition to ongoing work in the U.S. (that yielded first-ever methane pollution limits for the oil and gas industry), China, and the Arctic."

Kayanna Warren '12 M.F.S. writes: "I have moved to the Bay Area and have started work as an Ecologist with the Forest Service Region 5 doing Forest Health Protection Monitoring in the State & Private Forestry Division. Among other things, I will be monitoring areas of forest insect and disease outbreaks in California and the Pacific Islands."

**Andrew Zingale '13 M.E.M.** lives in Oakland and works in the California State Legislature as the Policy Director for Assemblyman Kevin Mullin.

#### 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

#### Denise Soesilo '10 B.A., '12 M.E.M.

writes: "Hey all, I moved to Geneva, Switzerland, and somehow slipped into the humanitarian innovation field. I am currently working on using airborne systems (that basically means drones) to support humanitarian crisis response. Most drones that we use are mapping drones and I know that environmental folks have been using this stuff for years for forest monitoring, agriculture, and community mapping. So if anyone wants to connect on drones, look me up!"

#### 2015

#### **Class Secretaries**

Akiva Fishman fishman.akiva@amail.com

David Gonzalez david.j.x.gonzalez@gmail.com

Philip Kunhardt philip.kunhardt@yale.edu

Frances Sawyer frances.sawyer@aya.yale.edu

Eric Vermeiren ericvermeiren@gmail.com

**David Gonzalez '15 M.E.Sc.** writes: "I started another round of grad school this fall! I'm pursuing a joint Ph.D./M.S. program in environmental science and epidemiology at Stanford University."

Jeff Stoike '16 Ph.D. writes: "I have just moved to Washington, D.C., to work with the Urban Institute on issues of international development and philanthropy. I am excited to hang out with F&ESers residing in D.C. or just passing through. Drop me line if you'd like to meet up!"

#### 2016

#### **Class Secretaries**

Paloma Caro pfcaro@gmail.com

Mohammad Aatish Khan mohammadaatish@gmail.com

Nicholas McClure nicholas.mcclure@yale.edu

Mariana Vedoveto mari.vedoveto@gmail.com

Lisa Veliz lisa.veliz@yale.edu

Mike Johnson '16 M.E.M. joined the New Canaan Land Trust as Executive Director in June and now works with a small group of dedicated volunteers to advance open space preservation and maintenance of wildlife habitat in New Canaan, Conn.

**Will Murtha '16 M.E.M.** writes: "I'm putting my M.E.M. and English degrees to use reporting on California's emissions markets."

**Ariana Spawn '16 M.E.M.** begins a NOAA Sea Grant Knauss Marine Policy Fellowship in Washington, D.C., this January, where she will work on ocean and coastal policy issues with federal legislators on Capitol Hill.

## IN MEMORIAM

#### Donald W. Harkin '61 M.F.

(1935–2016) of Nevada County, Calif., passed away on March 7 while feeding birds at his San Juan Ridge home. He was born into a ranching family in eastern Montana, and worked on Forest Service trail crews before enlisting in the Army and serving in Korea as a photographer. Upon discharge, Don attended the University of Montana where he majored in psychology, philosophy, and forestry. After earning his master's degree at the Yale School of Forestry, he worked as a field researcher and independent contractor with the Forest Service and University of California, Berkeley, and as a teacher at Feather River College in Quincy, Calif. Don volunteered with the Sierra Club and California Native Plant Society, and led tours for the Yuba Watershed Institute. He also conducted independent research on forest dynamics and fire history throughout the Sierra Nevadas, and was a vocal fixture at public meetings and hearings on forest issues. He is survived by two brothers, a sister, and his many friends in Nevada County.

#### Henry S. Kernan '41 M.F.

(1916-2016) of South Worcester, N.Y., passed away on August 5 at the age of 99. Henry studied languages while an undergraduate at Harvard and then, inspired by a summer spent at a Canadian logging camp, obtained a graduate degree from the Yale School of Forestry. He traveled the world throughout his long career as a forestry consultant, working all over Africa, Southeast Asia, and South America. He wrote hundreds of articles and a book about his work and travels. During World War II, he served the country by searching the Andean rainforest for sources of quinine to treat Allied soldiers ill from malaria. Henry and his wife, Josephine, shared a vision for turning five abandoned farms in upstate New York into a self-sustaining working forest they named The Charlotte Forest. Over the years, they planted thousands of trees to improve the timber and soil quality. Henry led many Charlotte Forest

walks for visitors and gave away thousands of seedlings every year on Arbor Day. He left a legacy of interest in natural science and conservation to his children and grandchildren.

#### Richard Krantz '55 M.F.

(1929-2016) of Virginia Beach, Va., passed away peacefully at home on April 11. A native of Essex Country, N.J., and a graduate of Rutgers University and the Yale School of Forestry, he served in the Army in Germany in the 1950s. Richard became well-known in the lumber and wood industries as the President of R. Krantz Wood Products in Virginia Beach and Good Wood Products in South Hill, Va. He served as an elected member of the Bound Brook, N.J., Board of Education and was active in the Shade Tree Commission. He is survived by his wife of 64 years, Doris, three children, and five grandchildren.

#### Lee N. Miller '61 M.F.

(1930-2016) of Mitchellville, Md. (formerly of Ithaca, N.Y.), passed away from a stroke on June 4. Born in Decatur, Ill., he earned his bachelor's degree in industrial production management from Southern Methodist University in 1953. Later that year, he married his college sweetheart Sylvia Dorek of Chicago and took a job at Bell & Howell Corp in Lincolnwood, Ill. Following his father's death in 1954, Lee moved back to Decatur where he helped with the family's jewelry business. But his love of the outdoors drew him to the Yale School of Forestry where he graduated with a master's degree in forestry in 1961. He then took a job with Brookhaven National Laboratory where he studied the potential effects of nuclear war on natural vegetation. Wanting to teach at the college level, Lee enrolled in a Ph.D. program at Duke University where he completed a degree in physiological plant ecology in 1966. Lee joined the faculty in the department of ecology and systematics at Cornell University that same year. In 1978, he was appointed

Managing Editor of the scientific journals of the Ecological Society of America (ESA). In 1996, he retired as Editor-in-Chief and Managing Editor, and was awarded the Distinguished Service Citation from the ESA. He loved music, fine art, and travel, and visited over 35 countries. He also served on many boards and served as chairman of the board for the Tomkins County Public Library. Lee is survived by his wife of 62 years, Sylvia, two children, and four grandchildren.

#### Nataliya V. Plesha '03 M.E.M.

(1968–2016) of Storrs Mansfield, Conn., passed away on July 21 following a sudden and brief illness. A native of Lviv, Ukraine, she was an instructor in the Agriculture Department at the University of Connecticut and a Visiting Assistant Professor in Economics at Eastern Connecticut State University. Nataliya first came to the United States as a Fulbright scholar at Fairfield University, and held a Ph.D. from the Ukrainian State University of Forestry and Wood Technology where she graduated Summa Cum Laude. She also held master's degrees from the Yale School of Forestry & Environmental Studies and the University of Idaho. Nataliya was planning to defend her Ph.D. dissertation late this summer in Agricultural and Resource Economics at the University of Connecticut, and had been invited to teach at Southern Connecticut State University School of Business and Finance for the 2016-17 academic year. She is survived by her husband, Yaroslav Tereschchenko, their son Dariy, her father, and many cousins and friends.

#### Kirk P. Rodgers '54 B.A., '56 M.S.

(1932-2016) of Falls Church, Va., and Woolford, Md., passed away of complications from heart disease on October 13. The grandson of Fred W. Besley, the first state forester of Maryland, he earned a bachelor's degree in geography in 1954 from Yale College and a master's degree in Natural Resources Management and Conservation from the Yale School of Forestry in 1956. Following jobs with the U.S. Forest Service, the Baltimore County Planning Commission, and a three-year tour of duty as a naval air intelligence officer, Kirk joined the Organization of American States (OAS) and in 1965 was named Chief of the Natural Resources Unit. In 1971 he became the Director of the Department of Regional Development and Environment, and in 1996 he was appointed Director of the Unit for Sustainable Development and Environment. Kirk worked with the United Nations to prepare for the first World Environment Conference in 1972 and he was involved extensively in preparations for the United Nations Conference on Environment and Development in 1992. Kirk served as President of Besley & Rodgers, Inc., President of the Maryland Forests Association, and President of the Forest Landowners Association. He was on the Board of Directors of the Forest Landowners Tax Council and the Forest History Society. He also served on the Yale School of Forestry & Environmental Studies Alumni Association Board, and in 2004 was awarded a Distinguished Alumnus Award from F&ES. In 2009 he received the Forest Landowners Association Leadership Award. He was an avid outdoorsman and managed nearly 8,000 acres of pine forest and wetlands. Kirk was predeceased by his wife, Karen "Tweedy" Rodgers. He is survived by his two children, a daughter-in-law, three grandsons, and his sister.

#### John C. Watt '50 M.F.

(1925-2016) of Westminster, Colo., passed away on January 3. Born to Irish immigrants in Takoma Park, Md., he attended the University of Chicago, but prior to graduation enlisted in the Navy to serve in World War II. After his service in both theaters, he completed his liberal arts degree and then enrolled at the Yale School of Forestry. During his summer internship, John visited Colorado and fell in love with its wild places. After graduating with a master's degree in forestry, he worked for the State of Illinois and met his first wife, Edith. He then took a job with the U.S. Forest Service in Alturas, Calif., where he worked as an Assistant Ranger. After being promoted to Ranger for the Siskiyou Forest in Mt. Shasta, he took a job with the Forest Service's regional office in San Francisco before moving to Colorado in 1965. He retired after over 30 years with the Forest Service. During his retirement, John was active with the Jefferson County schools where he led field trips and graded papers. He also was active in the Colorado Junior Golf program, and served as Marshall for the International PGA tournament. An avid sports fan, he loved the Colorado Rockies, and had season tickets to the Denver Broncos. After the death of his first wife of 51 years, John married Lois Bisbee, to whom he was married for 11 years. He is survived by his wife, two children, five grandchildren, and three great-grandchildren.

## CLASS OF 2015 CAREER UPDATE

This is a summary of the Class of 2015 master's degree graduates' places of employment six months after graduation, based on information compiled by the F&ES Career Development Office.

#### ACADEMIC (K-HIGHER EDUCATION)

#### **Environmental Leadership** Training Initiative (ELTI) Program Associate

New Haven, Conn

#### University of Maryland

MARRISA Project Assistant Washington, D.C.

#### Yale Center for Environmental Law and Policy (YCELP) - 3

Analyst New Haven, Conn.

#### Yale Environmental Performance Index

Research Fellow New Haven, Conn.

#### Yale School of Forestry & **Environmental Studies**

Assistant Editor New Haven, Conn

#### Yale School of Forestry & **Environmental Studies**

Case Study Integration Manager New Haven, Conn.

#### Yale School of Forestry & **Environmental Studies**

Research Assistant New Haven, Conn.

#### Yale University

Assistant Forest Manager New Haven, Conn.

#### Yale University

Fox International Fellow New Haven, Conn.

#### Yale University

Metrics and Program Manager New Haven, Conn.

#### Yale University

Senior Financial Analyst New Haven, Conn.

#### ENTREPRENEURIAL/ SELF-EMPLOYED

#### **Aurelia Consulting**

Owner Chandigarh, India

#### Coral Vita - 2

Co-Founder San Diego, Calif.

#### **Poda Foods**

Chief Operating Officer Portland, Ore.

#### **Potrero Group**

Independent Consultant San Francisco, Calif.

#### **Urban Green Council**

Consultant New York, N.Y.

#### Walden Hill

Founder and CEO New Haven, Conn.

#### GOVERNMENTAL, TRIBAL, MULTI-NATIONAĹ, AND PRIVATE SECTOR

#### California Department of Pesticide Regulation

Environmental Scientist Sacramento, Calif.

#### **California State Water Resources Control Board**

Environmental Scientist Sacramento, Calif.

#### City of Bridgeport

Assistant Special Project Manager Bridgeport, Conn.

#### **City of Cambridge Water Department**

Watershed Protection Supervisor Cambridge, Mass.

#### City of New Haven

Project Manager New Haven, Conn.

#### **Federal Energy Regulatory Commission**

Energy Industry Analyst Washington, D.C.

#### **Government of Bhutan**

Senior Plant Protection Officer Thimphu, Bhutan

#### Ministry of National Development Planning for Republic of Indonesia

Planner

Jakarta, Indonesia

#### **Ministry of Natural Gas Development**

Senior Policy Specialist Victoria, British Columbia

#### **National Environmental Ministry**

Advisor to Secretariat Argentina

#### **National Park Service**

Natural Resource Specialist and Presidential Management Fellow Anchorage, Alaska

#### **New Haven Department** of Transportation

Intern Project Manager for Go New Haven Go New Haven, Conn.

#### **NOAA Sea Grant Knauss Fellowship** & US Department of Energy

Fellow/Offshore Wind and Ocean Renewable Energy, Environmental Science, and Policy Specialist Washington, D.C.

#### NYC Economic Development Corporation

Project Manager New York, N.Y.

#### Office of Senator Ron Wyden

NOAA Sea Grant Knauss Marine Policy Fellow Washington, D.C.

#### **Peru Ministry of Environment**

Fulbright-Clinton Public Policy Fellow Lima, Peru

#### The National Climate Change and Wildlife Science Center

Biologist & Presidential Management Fellow Washington, D.C.

#### The World Bank Group -International Finance Corporation

Greenhouse Gases Analyst Washington, D.C.

# **U.S. Environmental Protection Agency** *Environmental Protection Specialist*

San Francisco, Calif.

#### **USDA Caribbean Climate Hub**

Strategic Analyst San Juan, Puerto Rico

#### NGOS/NONPROFIT

Network Manager New York, N.Y.

#### Clearwater

International Coordinator Lago Agrio, Ecuador

#### **Coalition for Green Capital**

Program Director New York, N.Y.

#### **Earthjustice**

Litigation Assistant New York, N.Y.

#### **Heritage Outdoors**

Assistant Director Washington, D.C.

#### ideas42

Associate New York, N.Y.

#### International Council on **Clean Transportation**

Clean Air Intern Washington, D.C.

#### **Looking Upwards**

Assistant Director Portsmouth, R.I.

#### NatureBridge

Summer Programs Manager San Francisco, Calif.

#### **New York City Environmental** Justice Alliance

Research Analyst New York, N.Y.

#### Peter and Patricia Gruber Fellowship in Global Justice and Women's Rights

Climate Change Program Coordinator Fundacion Gaia Pacha, Bolivia

#### Peter and Patricia Gruber Fellowship in Global Justice and Women's Rights

The WILD Foundation New York, N.Y.

#### **Sonoma Land Trust**

Strategic Initiatives Analyst Santa Rosa, Calif.

#### Sustainable Northwest and Wallowa Resources

Forest Program Coordinator and Program Assistant Portland, Ore.

#### The Pinchot Institute for Conservation

Research Fellow for Western Land Conservation Portland, Ore.

#### The Trust for Public Land

Northwest Parks for People Program Manager Seattle, Wash.

#### TomKat Charitable Trust

Strategic Initiatives Associate San Francisco, Calif.

#### **Ucross High Plains** Stewardship Initiative

Project Coordinator New Haven, Conn.

#### U.N. Development Program

Consultant, Researcher New York, N.Y.

#### University of Hawaii William S. Richardson School of Law

Project Manager Honolulu, Hawaii

#### **Urban Resources Initiative**

GreenSkills Manager New Haven, Conn.

#### **World Bank**

Wildlife Conservation Analyst Washington, D.C.

#### **World Business Council for** Sustainable Development

Manager New York, N.Y.

#### **World Business Council for** Sustainable Development

Manager Geneva, Switzerland

#### **World Resources Institute**

Research Analyst II Washington, D.C.

#### **World Resources Institute**

Civil Society Specialist Washington, D.C.

#### **World Wildlife Fund Colombia**

Corporate and Financial Sector Specialist Medellin, Antioquia

#### PRIVATE SECTOR: CONSULTING

#### Booz Allen Hamilton - 2

Senior Consultant Arlington, Va.

#### PA Consulting Group

Consultant Analyst New York, N.Y.

#### Programa de Inversion Responsible

Institutional Investor Relations Advisor Lima, Peru

#### **Ramboll Environ**

Senior Associate

Columbus, Ohio

**Reon Energy** *Business Development Consultant*Karachi, Pakistan

#### Svadha Wash Private Ltd

Social Impact Strategy Consultant India

#### The Boston Consulting Group

Consultant Washington, D.C.

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

#### **Aquila Group**

Portfolio Manager, Real Assets Hamburg, Germany

#### Baker Botts LLP

Associate Washington, D.C.

#### **BTG Pactual**

Portfolio Analyst Atlanta, Ga.

#### ChargePoint

Head of Marketing Partnerships and Sustainability Campbell, Calif.

#### **CodeGreen Solutions**

Assistant Project Manager New York, N.Y.

#### Decent Workshop

Digital Marketing and Editorial Manager Washington, D.C.

#### Fahr LLC

Strategic Initiative Associate San Francisco, Calif.

#### Fosun Group

Investment Analyst Shanghai, China

#### **Hudson Valley Property Group**

Development Associate New York, N.Y.

#### **Kearns & West**

Associate

San Francisco, Calif.

#### **LMN Architects**

Intern Architect Seattle, Wash.

#### Pacific Gas & Electric

MBA Associate San Francisco, Calif.

#### **PBR Hawaii**

Planner

Honolulu, Hawaii

#### **Ramboll Environ**

Senior Associate Columbus, Ohio

#### SunEdison

MLDP Associate San Francisco, Calif.

#### **Synapse Energy Economics**

Associate Cambridge, Mass.

#### The Herd

Project Manager Walnut Creek, Calif.

#### TIAA-CRFF

Associate, Responsible Investment New York, N.Y.

#### **WaterSmart Software**

Product Manager San Francisco, Calif.

#### WaterSmart Software

Southwest Sales Associate Austin, Texas

#### West Inc., Jr

Project Manager (Field Coordinator) Houston, Texas

#### **FURTHER STUDY**

#### **Ecosystem Services Researcher**

Sao Paulo, Brazil

#### **New York University School** of Law

Law Student New York, N.Y.

#### Stanford University Daily Lab

Doctoral Student Palo Alto, Calif.

#### University of Massachusetts-Boston

IGERT Fellow and Doctoral Student Boston, Mass.

#### University of Washington School of **Environmental and Forest Sciences**

Doctoral Student Seattle, Wash.

#### Yale Law School

Law Student New Haven, Conn.

# 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!

To volunteer: fesinfo@yale.edu

Learn more: environment.yale.edu/admissions

# 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.

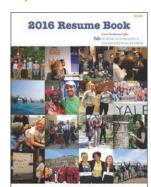
Set up a profile: environment.yale.edu/alumni/careers

#### **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 <code>ladd.flock@yale.edu</code>. He will post it in F&ES Next for review by current students, recent graduates, and alumni.

#### Request the F&ES Resume Book for Your Organization



The Career Development Office has prepared a 2016 F&ES Resume Book, which includes the resumes of 140 current F&ES students. If your organization is interested in access to a pdf version of the book, please let us know:

#### tinyurl.com/fesresumes

As always, we appreciate the support of the F&ES alumni community in the career development of current students!

Learn more: environment.yale.edu/careers

#### **Activate Your New YaleMail Account**

Earlier this year, the Association of Yale Alumni (AYA) switched to a new Yale-branded email service called YaleMail. If you have not yet activated your new YaleMail account, you have stopped receiving news and updates from F&ES and Yale through your "@aya.yale.edu" email address.

#### Here are two easy ways to reconnect:

- 1. To activate your new YaleMail account, simply follow the instructions emailed by the AYA in February 2016 and visit aya.yale.edu/content/yalemail-faqs to review FAQs about the activation process. If you cannot locate the activation email and/or need any assistance, email aya@yale.edu. After the activation is complete, your new YaleMail account will use the same "@aya.yale.edu" address that you had before.
- 2. A second option is to email the F&ES Office of Development and Alumni Services at *alumni.fes@yale.edu* to provide us with another preferred email address so we can update our alumni records.

# FROM THE OFFICE OF: DEVELOPMENTAND ALUMNI SERVICES

The Development and Alumni Services team connects alumni to each other and F&ES through annual Reunion Weekends, regional events and receptions, the alumni–student mentoring program, alumni campus visits, continuing learning programs, an alumni speaker series, volunteer activities, and student scholarships.

We also produce publications like this alumni magazine, *CANOPY*, and the alumni e-newsletter, *CANOP-E*. If you haven't been receiving alumni e-newsletters and e-blasts, please make sure we have your updated contact information.

We look forward to seeing you the next time you are here at F&ES!

Learn more: environment.yale.edu/alumni

#### **Mentor a Current F&ES Student**

**Environmental Leadership Mentoring (ELM) Program** 

Over 300 alums have volunteered to be in the pool of mentors so far! The more alums willing to be mentors, the better the matches between student interests and alumni experiences each year. Help us strengthen the ELM program by joining today!

It takes just a few minutes to sign up for ELM. Become a part of ELM today and join this growing group of alums willing to mentor the next generation of F&ES students.

Sign up for ELM: myinterfase.com/yale-fes/mentor

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



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# **SAVE THE DATE:**

2017 Reunion Weekend — October 6–8!

# F&ES Swag for Alums Order F&ES Swag online for the holidays!

A portion of sales are donated by Campus Customs to the F&ES Community Fund to support student projects.

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

Visit the F&ES Swag Store: environment.yale.edu/alumni/swag



Whitney Tilt '85 M.E.S. conducting water quality monitoring on Big Creek, a tributary of the Yellowstone River in Montana, in his classic DBH t-shirt, which alums can purchase through the online F&ES Swag Store.



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