Achievement Graduate of Distinction Award to College President Dr. David Amberg (right) present the Lifetime Alumni Association President categories: “Lifetime Achievement” is for the 2019 award in all three. The names of the person being nominated with current contact information (name, address, phone/email) and the name of the person making the nomination along with their current contact information.

1. The name of the person being nominated with current contact information (name, address, phone/email)
2. The name of the person making the nomination along with their current contact information
3. A vita or resume of the nominee with up to five pages of supporting material
4. Copies of citations or awards from other groups and organizations
5. Any other material such as endorsements from colleagues, etc.

Seeking Nominations for 2019

We are currently seeking nominations for the 2019 award in all three categories: “Lifetime Achievement” is reserved for alumni who have or will soon end their active careers. “Notable Achievement” is for alumni who are in the early to mid-point of their careers, and “Incipiens Quercus” is geared towards our alumni who have recently graduated and are demonstrating their commitment to ESF’s environmental stewardship through their professional and/or volunteer work experience. Nominations may be received from alumni or anyone who would like to see an alumna receive one of these awards. Self-nominations are welcomed! All nominations should be sent to the Graduate of Distinction Award Committee in care of the Alumni Office and must include the following material:

2018 Graduates of Distinction

Dr. Robert Bruck ’78 • Katia Avilés-Vázquez ’99 • Seth Jensen ’05

We don’t want to lose touch with you!

Just in case you didn’t mean to say goodbye…

As the majority of our communications are now sent exclusively via e-mail, we would encourage you to keep the electronic lines of communication open! We have recently heard from a number of our alumni that they unknowingly unsubscribed from receiving our e-mails. The Constant Contact e-mail distribution system is now utilized by all alumni and student groups and organizations.

If you believe you have been unsubscribed from our listserve and would like to be added back in, simply send an e-mail to alumni@esf.edu or call us at 315-470-6632. We can then check your status and if you are marked as “unsubscribed,” we will request that Constant Contact re-subscribe you. They will send you a direct message confirming your preference to re-subscribe. Once that is set, you will begin to receive e-correspondence from the College once again.

ESF OBSERVES Remembrance Day for Lost Species Page 8
PAYING IT FORWARD Class of 1974 Page 9
ALUMNI & FAMILY FALL WEEKEND Thanks for Coming! Page 12
RESEARCH American Chestnut Update Page 15

Read all about it…in one place!
The Alumni News and Inside ESF are joining forces!
**Alumni President’s Message** | Dr. David C. Amberg

**You remain engaged with the College, many of you contribute to our academic programs, provide internship opportunities for our students, and your percentage of giving to the College is one of the highest in the nation. Know that ESF is healing and on a great and positive path forward.**

Our summer Artist-in-Residence, Neil Rizos, took this incredible photo of a loon on Arbutus Lake.

Chris Nomura, has wasted little time. Through a campus-wide Request for Proposals, they solicited and received 26 pre-proposals involving over 100 faculty and staff. Don indicated to me that this process has energized and engaged the faculty with an intensity that he has not seen in a while. The Ways and Means Working Group is tasked with plotting a path to financial sustainability and is being co-chaired by our new Chief Operating Officer, former Onondaga County Executive Joanie Mahoney. I have been thoroughly enjoying working with Joanie and have crafted a new expression: The Awesome Power of Joanie (APO). She brings great experience, talent and insight, and it is certainly a game changer for ESF to have her on our team.

I will finish by reiterating the College’s appreciation for one of our most valuable assets and that is our alumni. You remain engaged with the College, many of you contribute to our academic programs, provide internship opportunities for our students, and your percentage of giving to the College is one of the highest in the nation. Know that ESF is healing and on a great and positive path forward. Please continue your strong support of this great college. I look forward to seeing you again in the new year, and I hope you had a fun, restful and environmentally sustainable holiday season.

I am looking forward to a much more normal year. As I begin my second term as Alumni Association President, I am looking forward to a much calmer atmosphere here on campus. In June of 2018, David Amberg was appointed Interim President of ESF by SUNY Chancellor Kristina Johnson. Dr. Amberg was Vice President of Research at SUNY Upstate Medical University and accepted this new appointment effective July 1. Since then he has been very active in involving the entire ESF community in addressing the issues that face the College. Under the guidance of Chancellor Johnson, he has recently implemented the Discovery Challenge. For more information on this initiative, please visit the ESF website.

The Alumni Association has been busy with various events including the ESF Golf Tournament in August, the Alumni and Family weekend, and the Alumni Annual Board meeting in October. Election results were presented at the Annual Meeting and we welcomed six new board members. We also welcomed two new members, Gail Romano ’80 and Tom Hughes ’06 to the Executive Committee in July. The Alumni Office and alumni volunteers welcomed students to campus in August at both the Welcome Tent and the Ice Cream Social.

In conjunction with December Commencement, the Alumni Association recognized our 2018 Graduates of Distinction: Robert Bruck ’76 (Lifetime Achievement), Keith Avila-Vázquez ’99 (Notable Achievement), and Seth Jensen ’05 (Incipiens Quercus). These prestigious awards in the presence of December graduates and their families. If you know of a graduate that deserves to be recognized, please contact the Alumni Office for nomination materials. This is a great way to promote the College and honor our alumni for the great work they do.

One of the more rewarding benefits of being the Alumni Association President is the opportunity to speak to our most recent graduates during Commencement. This December, I once again referenced Dr. Seuss. I have found him to be an inspiration everyone can relate to, that going back and reading his books, no matter how old we are, can give us renewed motivation and inspiration. I also reminded our graduates that they are all now part of a much larger ESF family, and it is important to keep in touch. Reach out to fellow alumni by participating in events on campus or in your local area, or by becoming an Alumni Ambassador or a mentor.

I am excited to see what my third year brings, and hope to hear from many of you with ideas and suggestions. Please feel free to contact me at thayerann@yahoo.com.
2018 Graduates of Distinction Citations

Dr. Robert Bruck ’78
Dr. Katia Avilés-Vázquez ’99
Seth Jensen ’05

Central New York Alumni Dinner
April 25, 2019
See page 24 for more information!

ESF ALUMNI ASSOCIATION MISSION STATEMENT
Adopted by the ESF Alumni Association Board of Directors on June 18, 2014.
The College of Environmental Science and Forestry Alumni Association is a group of individuals concerned with the promotion, achievements and heritage of the College.
The Association, working as a partner with the College, assists and promotes the College in the attainment of its objectives.
The Association serves to cultivate friendship and cooperation among the alumni and to assist them however appropriate within the capabilities of the Association.
The Association represents the alumni in the affairs of the College by acting as a facilitator between and among alumni, students, faculty, staff and administration.
The Association provides programs and services to benefit alumni, ESF students and the College.

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The Association provides programs and services to benefit alumni, ESF students and the College.

The 2018 Graduate of Distinction in the Lifetime Achievement category was Dr. Robert Bruck ’78 (right). Dr. Bruck was joined for the celebration at December Commencement by his son, Isaac (left).

Dr. Robert Bruck’s distinguished career in agriculture has allowed him to share his knowledge and passion with generations of future leaders in the fields of forestry and environmental science. Bruck is a two-time graduate of the SUNY College of Environmental Science and Forestry, holding his BA in biology from SUNY Buffalo then completing his doctorate in pathology and mycology at ESF. Bruck then spent two years on 10 occasions, and his research on the effect of atmospheric deposition on Southern Appalachian ecosystems is recognized worldwide. In 1996, the North Carolina Sierra Club named him Environmental Hero of the Decade. Dr. Bruck has served on the North Carolina Environmental Sustainability Commission, the United States Nuclear Regulatory Commission and was most recently appointed to the U.S. Environmental Protection Agency Advisory Board. He continued to bring critical scientific issues to the forefront with more than 500 national, international, national and state-invited addresses throughout his career.

During his career, Dr. Bruck advanced the field of forest pathology and received more than $7 million in grants for scientific research. In his “retirement,” Bruck serves as dean of STEM programs at Louisiana College where he develops STEM education programs for disadvantaged and minority high school and college students.

For his outstanding contributions to the field of environmental and forest biology, the College of Environmental Science and Forestry Alumni Association is proud to recognize Dr. Robert Bruck as the 2018 Graduate of Distinction – Lifetime Achievement award recipient.

Dr. Katia Avilés-Vázquez’s degree in environmental studies from ESF was the foundation for an impressive career at the institution that has centered around addressing the environmental issues impacting her homeland of Puerto Rico.

Avilés-Vázquez was instrumental in establishing the environmental area for one of the most important ecosystem restoration projects in Puerto Rico. As the environmental affairs manager for the Projecto ENLACE del Caño Martín Peña Corporation in Puerto Rico, she was responsible for all compliance aspects and community participation of the ecological restoration of the Caño and the San Juan Bay Estuary. Her work earned her the EPA Environmental Champion Award and recognition of excellence from the U.S. Army Corps of Engineers. Her work with the Caño Martín Peña communities is reflected in a chapter for the book, Environment and Democracy published this past November.

With the passage of the Puerto Rico Model Forest Law which designated 390,000 acres, or 17 percent of Puerto Rico, as a model forest, Avilés-Vázquez turned her focus toward landscape conservation and sustainable development strategies. In 2016 she set up the Model Forest (MF) Office, an innovative approach to community-based landscape-level planning for Puerto Rico. During her time directing the MF Office, she helped construct the Model Forest Trust, transferring the first funds to the trust for future sustainability and supported the creation of the multi-sectoral work group, the participatory component for the MF in all planning, decision making and execution.

Prior to the devastation of Hurricane Maria, Avilés-Vázquez served as director of the first Kirat Research Institute in the Caribbean and co-funded the agricultural section of the Puerto Rico Climate Change Council’s State of Climate. Both are groundbreaking initiatives marking the first time a Kirat research institution has been established for the Caribbean, and that agriculture has become part of climate change discussions.

Since Hurricane Maria, she has concentrated her efforts toward improving human and ecosystem health by getting safe drinking water, food, and tarps for immediate relief, organizing work brigades to more than 15 farms and supporting the creation of a supplementary income for agricultural workers while the crops regrew. Shifting her focus from emergency relief to recovery efforts, Avilés-Vázquez secured more than $300k for environmental organizations to invest in relief efforts.

For her outstanding contributions in the field of environmental science, the College of Environmental Science and Forestry Alumni Association is proud to recognize Dr. Katia Avilés-Vázquez as Graduate of Distinction – Notable Achievement award recipient.

Seth Jensen, a 2005 ESF graduate in environmental resource engineering, is a dedicated and innovative professional engineer who has served the community of Auburn, New York for nearly a decade. First serving as a junior engineer with the city’s engineering department and currently as the director of municipal utilities, Jensen’s tremendous contributions to the city of Auburn will help ensure the continued growth and development of the community, but the environment, for years to come.

Jensen began his career working on construction projects in Auburn, but quickly demonstrated a knack for scoping out energy-efficiency projects. He was instrumental in managing the city’s LED streetlight installation, saving almost 800,000 kilowatt hours annually. Jensen then turned his focus toward the city’s water and hydropower infrastructure, specifically concentrating on harnessing the power of the Oswage River, which runs through Auburn. He was able to repower a nearly decade-dormant hydro-electric facility and complete a comprehensive rehabilitation for a second facility within the city. Together, these two micro-hydro facilities produce enough green energy to offset nearly 75 percent of Auburn’s electrical load.

Recently, Jensen has been leading Auburn’s evaluation and treatment of the emerging blue green algal blooms, a microcystin toxin, in the city’s drinking water. His work with the various agencies involved, and advocacy on behalf of the city, resulted in New York State Governor Andrew Cuomo announcing more than $2 million in grants to address this public health concern for Auburn and the neighboring town of Oswaco. Jensen and his team were able to successfully implement an activated-carbon system to remedy this critical water-quality issue.

The system now serves as a permanent treatment process at the city’s water filtration plant.

For his outstanding contributions in the field of environmental resource engineering, the College of Environmental Science and Forestry Alumni Association is proud to recognize Seth Jensen as our Graduate of Distinction in the category of Incipiens Queru.

Seth Jensen ’05 (center) received the Graduate of Distinction citation in the “Incipiens Queru” category. His parents, wife, Renee (Lippold) Jensen ’04 and children were able to join him for the Commencement ceremony.
Several years ago, the Alumni Association established a grant program to support student requests for funding. Funds are dispersed by the Alumni Association’s Executive Committee twice per year. We are happy to share the following student projects that benefitted from the Alumni Association Student Grant Program!

Maggie DeMarco
PhD student in Environmental Resources Engineering

The Alumni Association grant that I received made it possible for me to travel to the first-ever World Forum on Urban Forestry in Mantova, Italy to present a research poster.

Teresa Rose Osborne
PhD student in Ecology

As a PhD student in ESF’s Department of Environmental and Forest Biology, I have been encouraged to explore forests around the world to learn about the fascinating organisms they house. In particular, I am interested in land snails that inhabit the tropical rain forests of the Pacific islands. I am curious just how land snails perceive their forest homes. Are they affected by seemingly minor (to a human) variations in temperature? Are they sensitive to differences in humidity between a pile of rotting leaves on the forest floor and the living leaves blowing in the breeze a couple meters overhead? From a snail’s eye view, how might differences in variables like soil parent material or geologic history impact the sorts of forests that grow on different islands, even within a tiny archipelago?

To address these questions, I traveled this summer to the Belau archipelago (Republic of Palau, Oceania) to collect land snails as part of my dissertation research on Pacific island land snail body size evolution. I journeyed throughout the archipelago, from the northern atoll of Kayangel to the lowlying southern islands of Angaur and Peleliu, to many of the innumerable craggy Rock Islands and around the large volcanic island of Babeldaob. The generous support of the ESF Alumni Association enabled this endeavor, contributing to my room and board, ferry rides, car rentals, and even an inter-island flight to and from far-flung sampling sites; permits to visit restricted areas; and shipping fees for importing samples for further analysis.

Meena Janekrabuonhad
Project Lead for SUNY ESF’s Engineers without Borders

EWB-USA is a non-profit organization that helps create a more stable and prosperous world. The organization strives to meet the basic human needs of less fortunate communities around the world by providing them with necessary services such as clean water, power, sanitation and education. EWB-USA is also well-represented on college campuses across the country, making it a catalyst in the movement to educate the next generation of socially conscious engineers. Our chapter, EWB-ESF, strives to provide engineering solutions to communities in Latin America in need of better infrastructure. Members work on designing projects and get the chance to travel and experience different cultures. This funding is essential for the continuation of our project in Marichaj, Guatemala. The water supply project is now entering the implementation phase, where we will be constructing a rainwater catchment and storage system for a village of approximately 100 people – 200 of them are children. This community must travel 5km each way, multiple times a day, for water to drink, cook, and wash with. Their situation is dire, and this funding will allow us to make this project successful.

Eric Kilbourn ’18 (Dec. graduate)
BS in Chemistry (Renewable Energy Minor)

Thanks to the grant I received from the Alumni Association, I was one of five people able to attend the 2018 Intensive Freshwater Algal Identification Workshop conducted by Dr. John Wehr. The workshop took place at the Louis Calder Center Biological Field Station located just outside of Armonk, NY. Under Dr. Wehr’s guidance, we collected samples from various lakes and streams in the surrounding area and western Connecticut. While at the Calder Center, we used microscopy to examine the water samples and learned how to differentiate between the groups of algae using the dichotomous key to the genus level, and sometimes species level.

Over this two-week course, we learned to key out a wide variety of algae belonging to cyanobacteria, green algae, diatoms, red algae, brown algae, Synurophytes, and Euglenoids. Additionally, we were taught how to sample in different ecosystems and how to prepare permanent slides for diatom identification. I am extremely grateful to the Alumni Association for this grant and the opportunity it provided me. What I learned in this course has helped me in my work for Dr. Boyer’s lab where I perform visual analysis for algae on lake water samples from across the state. Furthermore, as I continue with my education, the knowledge and the connections I made through this workshop will be a great asset to my future.
Protecting our Local Water Supply: An Alumni/Student Connection

by Shannon Fabiani '16

Mr. Busa has the biggest heart of anyone I know, she loves her family with undying love and support over the course of our friendship. “I look forward to continuing to connect our ESF students to professional experience/stewardship opportunities as the scope of these riparian buffer planting projects expands.”

This project was covered by ESF’s Going Green series and can be viewed at www.esf.edu/mag/riparian

ESF Alumna Devotes Years of Service to Teaching Area Students

by Maura Haring Staff
Office of Experiential Learning and Outreach

Jessica Langdon is succeeding Stacey Messina, who recently retired to Florida after 15 years as the Bookstore Manager. Stacey grew the College Bookstore from an operation with a cash box and very few items in the basement of Marshall Hall to the impressive business it is today. We will miss her!

A native of Bloomfield, New Jersey, Jessica earned her bachelor’s degree in 2009 from Messiah College (Grantham, PA). She recently relocated to Syracuse from Stafford, Virginia along with her husband and son. Most recently, Jessica filled the role of Administrative Assistant in the Alumni Office while Nichole Dougherty was on maternity leave. She did a fantastic job, and we are very happy that she is now a permanent part of the ESF Alumni Association team! If you happen to be on campus, stop into the Bookstore to meet Jessca!

www.esfbookstore.com
ESF Student Club: Roots and Pursuits

ESF students are a remarkably active and well-rounded group! In addition to their academic studies, a great number of students are also involved with various clubs and campus organizations.

Club Specifics: Roots and Pursuits

was founded around 1995 under the name Primitive Pursuits. There currently are 15 members.

Club History: The club was founded as a branch of the larger organization, Primitive Pursuits, which shares the same goal as the club today. The founding members of the club were former members of the official Primitive Pursuits and wanted to share what they learned with the campus. The name was changed to Roots and Pursuits in 2017 to be more culturally appropriate to the native groups we base our work upon.

Club’s Mission: The club aims to teach members of the ESF community traditional outdoors skills derived from Native American practices while instilling their cultural significance.

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Club’s Mission: The club aims to teach members of the ESF community traditional outdoors skills derived from Native American practices while instilling their cultural significance. Through our lessons, we impart within our members a sense of independence, improved competency outdoors, an increased appreciation of the natural environment, and an increased appreciation of the Native people who cultivated these crafts.

Key Activities: Every week a new skill is taught by one or more officers. The workshops tend to fall into the categories of survival skills (tracking, fire making, shelter building), crafts (basket weaving, moccasin making, knotweed flute and panpipes), and weaponry (bow and arrows, atlatls, blow darts). Once a year we do a camping trip where we either learn a skill or apply what we have learned in the outdoors.

What is one interesting fact about the Club that people might not know? While our officers may be knowledgeable about the skills they teach, none of us are experts, and we are always learning too. While the officer may initially lead the workshop, our regular members are also able to share what knowledge and perspectives they have with the rest of the group and help contribute to the group’s experience. Sometimes, we even enlist the help of outside educators to help teach a workshop if we feel our members would benefit from someone with more experience.

Anything else our alumni should know about the Club? Our club has always been a guaranteed way to get some states and questions whenever people see us doing our activities on the quad. In the end, it is the unorthodox nature of the club that generates such interest that we really symbolizes ESF. We may be untraditional, we may catch some glances for the things we do, but that doesn’t mean we are any less proud to be here, nor any less happy to do what we do.

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Connect with us

The Alumni Office has

Facebook page!

www.facebook.com/SUNYESFAlumni

Alumni Memorial Scholarship

As this year marked the 25th anniversary of the ESF Golf Tournament, we wanted to highlight one of the numerous students that have been awarded the Alumni Memorial Scholarship over the years. Alumni Memorial Scholarship recipients are chosen for their strong academic background as well as their service to the community, and are funded solely through proceeds from the ESF Golf Tournament. Many of these outstanding students are also recipients of scholarships provided through the generous support of alumni donations to the ESF Annual Fund. Daniele’s story is just one of many—your generosity makes a difference. Thank you!

Daniele Baker
Hollidaysburg, PA
BS Environmental Forest Biology 2008
MS Ecology 2013

What Activities were you involved with while at ESF? Undergraduate Student Representative on the SUNY ESF Board of Trustees, President of The Baboh Society, Orientation Leader, Student-Student Mentor, Peer Tutor and a member of the Honor’s Program.

How did receiving the Alumni Memorial Scholarship assist you? I’m a first generation college student and my parents were limited in their ability to support me, so having that added financial support was welcome. Also, as I received the scholarship in my final year at ESF, it was a wonderful little mental boost to push through senior year.

Can you describe your career path? I stayed on at ESF for my master’s, researching the change in algal community of Onondaga Lake as they cleaned it up. I moved to Austin, TX with my husband and worked first for a non-profit (Texas Conservation Science) doing GIS and data analysis to study the effect of flow on riparian health. I then spent 3 years at TCQEC (Texas’ DEC) on the surface water quality monitoring team. We managed the program and the staff from agencies across the state that monitored the surface water quality and assessed that quality against standards as part of the Clean Water Act. I loved working for the state and working with EPA, but had always known that I eventually wanted to shift to environmental consulting. I had worked at the Upstate Freshwater Institute in Syracuse during my undergraduate years and loved the experience. When we moved back to the NE this spring, I took a position with Anchor QEA in their Boston Office. I’m on the data analysis team, working on a variety of projects across the country focused primarily on sediment remediation, monitoring, and risk assessment.

As an alum, how do you stay connected, to the College? In addition to being an active member of the Alumni Association, I have also served as an Alumni Admissions Ambassador. I represented ESF at a college fair in Austin for a few years, and enjoyed trying to recruit students who had never heard of Syracuse, let alone ESF, but whose faces lit up when I explained what the school and students were like (fingers crossed they ended up applying!). I’m hoping to get more involved in events now that I’m back on the east coast. In addition, my company is full of alumni (3/7 people in my office are alumni), which was an unexpected benefit of joining this company.

Anything you would like to add? In addition to the Alumni Memorial Scholarship, I was incredibly grateful to have received an ESF scholarship as an incoming student. I was an out-of-state student, so even at the wonderful state-rate, the cost of attending ESF would have been prohibitive without it (especially with the cost of the SU dorms the first year). The scholarships allowed me to make the decisions that worked for me and my education and worry less about costs. I imagine with out that scholarship, I might have ended up at nearby Penn State and would have missed the wonderful, intimate but challenging experience at ESF, and I can tell you that it made the experience of paying off my debt much more manageable when I left.

"I’m a first generation college student and my parents were limited in their ability to support me, so having that added financial support was welcome."
ESF Alumni in Teacher Development Day

The ESF in the High School program takes ESF “off the hill” to over 40 high schools across New York State

Lisa Lowenberg, Travis Hall, Inquiry High School, Rochester; Ellie Coonce, Fayetteville-Manlius High School; Lar course offering, EFB 120: Global Environmental Economics, math, bioprocess engineering, and environmental economics. High school teachers who participate in the program bring together seven of our alumni who teach our most popular course offering, EFB 120: Global Environmental Economics and the Evolution of Human Society, as part of the ESF in the High School dual enrollment program. Topics included presentations on the media and facts, making the research paper more relevant, using web based maps and digital resources and real world research.

We would like to say a special thank you to alumnus Lisa Lowenberg ’92 who was integral in coordinating the presentations for the program. Lisa also shared her experience and knowledge on how to help high school students tackle their research project and meet the college level expectations.

Alumni John ’94 and Pam ’97 Herrington also presented a session about the real-world research projects students in the East Syracuse-Minoa school district are conducting through their partnership with the Cleanwater Educational Research Facility (CERR) with the Village of Minoa. 

For more information about ESF in the High School, visit www.esf.edu/ohio/k12/ESF in the High School program takes ESF “off the hill” to over 40 high schools across New York State.

ESF Alumna Leads Cannabis Team for Law Firm

Sara Payne answers call for cannabis-focused counsel

Sara Payne ‘05, ES is no stranger to jokes about her specialty in cannabis law at Barclay Damon LLP in the firm’s Syracuse office.

“The people say they’re going to ‘reef’ cases to me, or I’m getting ‘lost in the weeds,’” she said, and people have suggested meetings be held at 4:20, a decades-old term referring to smoking marijuana at 4:20 p.m.

But the issues she deals with are no joke.

Payne was named lead attorney for Barclay Damon’s newly launched cannabis team. The members of this multidisciplinary team represent individuals and organizations participating in or impacted by legal cannabis operations. They deal with issues that involve labor, intellectual property, immigration, and environmental and business questions.

D.C. have legal recreational marijuana programs—more commonly referred to as “adult use,” said Payne. As of Oct. 17, legal adult-use sales started in Canada.

The collective cannabis action in other northeastern states, in particular Massachusetts, Vermont, Maine and New Jersey, has “pushed our politicians to giving meaningful thought to an adult-use program in New York state,” said Payne.

It’s an interesting issue with a lot of different constituencies coming out on different sides … but at the end of the day I think it’s probably going to be a political inevitability. Probably more of a ‘when,’ not an ‘if’,” she said.

Payne is a contributing editor for Cannabis Law Digest, and she’s given talks around the country this year, including “Legislative Developments in Medical Marijuana and Industrial Hemp in New York,” a New York State Bar Association Teacher Development Day event organized by Dr. Stew Diemont, course chair.

“The ESF in the High School program takes ESF “off the hill” to over 40 high schools across New York State. The collective cannabis action in other northeastern states, in particular Massachusetts, Vermont, Maine and New Jersey, has “pushed our politicians to giving meaningful thought to an adult-use program in New York state,” said Payne. It’s an interesting issue with a lot of different constituencies coming out on different sides … but at the end of the day I think it’s probably going to be a political inevitability. Probably more of a ‘when,’ not an ‘if’,” she said.

Payne is also a member of the New York State Bar Association Committee on Cannabis Law.

Payne took a self-described “non-linear” career path to law. She considered going to medical school and thought ESF’s science curriculum would provide a solid foundation. “The hard sciences program is just phenomenal,” she said. “It’s a small community feel and the amount and breadth of expertise among faculty is incredible.” While majoring in environmental science at ESF, Payne discovered an interest in the law.

“I was intrigued by what keeps our society functioning,” Payne said. “It’s interesting to me, looking back, how all the steps along my path have sort of led me up perfectly to add something meaningful to the legal landscape as we see developments in legalization of cannabis across the United States and Canada,” she said.

“I think the middle ground is the right place to stay. Stay educated on all sides because I suspect, going forward, our next generation of young people are going to be impacted by legalized cannabis one way or another somewhere in their career,” said Payne.

Most areas of law are very specific, but cannabis isn’t like that. It touches on all legal areas.

Most areas of law are very specific, but cannabis isn’t like that,” she said. “It touches on all legal areas.”

“The firm has experienced a tremendous increase in demand for cannabis-focused counsel from their clients; not only people who want to become marijuana farmers or dispensaries operators, but those who own or manage conventional businesses and need advice regarding employment, drug testing, immigration, land use, banking and insurance. “What we’re finding is this is touching a huge percent of our client base whether they have any interest or intention of having a direct connection with the cannabis industry or not,” said Payne.

Payne represented one of the original five registered organizations authorized to produce and distribute medical marijuana in New York state, and has assisted the company since its inception with all aspects of its operations.

“I was fortunate enough to be with [the client] at the beginning when no one in New York state knew anything about marijuana—certainly not in the legal way,” said Payne. “I had this wonderful opportunity to get in on the ground floor and it has just taken off since.”

Currently, 31 states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs, and nine states and the District of Columbia have legal medical marijuana programs.
SUNY ESF Observes ‘Remembrance Day for Lost Species’

by Izzi Clemens ’19
Environmental and Forest Biology

On November 29th, 2018, the ESF campus community observed ‘Remembrance Day for Lost Species.’ Originating in the UK, the day is dedicated to honoring extinct and critically endangered species, cultures and ecological communities. According to their website, RDLS was co-founded by Feral Theatre and The Life Cairn in 2011.

Brian Ratcliffe, an ESF graduate student studying Applied Ecology under Dr. Robin Kimmerer ’75 made it his mission to bring Remembrance Day to ESF this fall. Ratcliffe was inspired to introduce RDLS to ESF when he recognized a lack of emotional connections in the campus community. No matter the major, many ESF students and faculty work within emotionally difficult disciplines. Studying environmental issues and systems under stress can be heavy on the heart.

“We don’t necessarily have many spaces where we get to interact with each other in the fullness of our humanity,” says Ratcliffe. While the campus community spends most of its time interacting as scholars and colleagues, the goal of Remembrance Day is to allow space to interact with each other on an emotional and spiritual level.

Events and displays were held throughout the day for students and faculty to get involved. Spaces like an extinction gallery in Moon Library and a Remembrance Circle in Bray Rotunda allowed for expressions of grief in many different mediums. Ratcliffe was particularly impressed with the creative output of the undergraduate community in the extinction gallery. Moon 110 was filled with sculptures, informational displays, paintings, drawings and poems related to extinct species and cultures. “They made that extinction gallery so much richer than I had ever envisioned it” says Ratcliffe.

The Remembrance Circle in Bray was somber and touching. Pictures of snow leopards and woolly mammoths sat with handwritten notes of forgiveness and promises to never forget. These items were laid on the ground and encircled with candles, dried flowers and leaves. A large poster towards the back of the circle was dedicated to Sudan, the last male white rhino that died this year. His picture was flanked by those of his two surviving daughters, Fatu and Nujin.

Over in the Gateway Center, student artists facilitated the creation of a collective mural using only trash as the medium. The finished product portrays two passenger pigeons reaching out to each other, break to beak. The now extinct birds glister as rainbows of recycled materials. Other activities throughout the day included a movie screening of Black Ash Basketry: A Story of Cultural Resilience and a ‘species appreciation stroll’ around campus and Oakwood Cemetery. Graduate student Tusha Yakovleva and faculty member Neil Patterson Jr. ’96 led the walk by pointing out various plant species and telling their stories.

The Student Environmental Education Coalition led a workshop on communicating difficult environmental issues. Undergrad student and SEEC member Julia Confer described the workshop as “a great way to facilitate productive conversations between environmental educators.” Confer felt that the topic of teaching sad or even problematic subjects to the public is extremely important and must be done tactfully and respectfully.

The culminating event of the day was the Grief and Re-commitment Ceremony held in Baker Lab. Participants created a symbolic web representing the intimate connections between humans and the natural world.

While the campus community spends most of its time interacting as scholars and colleagues, the goal of Remembrance Day is to allow space to interact with each other on an emotional and spiritual level.

ESF Looks to Engage All Alumni by Appealing to their Interests and Leveraging their Passion for Inclusion, Diversity and Equity (IDE)

ESF’s Office of Alumni Relations, in partnership with the Office of Inclusion, Diversity, and Equity (OIDE) will be administering a survey in order to hear from a broad circle of alumni voices in ways never done before. The survey will ask respondents about their personal identities and experiences; perceptions and opinions about issues related to IDE at ESF; and thoughts on actions that could be taken by the OIDE and alumni organizations to increase IDE. Respondents will be given the opportunity to help strengthen identity-specific affinity networks (Gender identity, Black/African-American, Alumni with Disabilities, etc.) and will be extended an opportunity to support our students and other alumni as volunteers, advisors and ambassadors.

When you receive the survey in March, please take the time to provide your responses so that we may serve you better. Survey questions and results will be shared with the ESF alumni community and posted on the OIDE website at www.esf.edu/ide

www.esf.edu/ide

This mural, displayed during Remembrance Day, was created by student artists using only trash as a medium and depicts the extinct Passenger Pigeon.

The ceremony provided a space to grieve both species and cultural losses. Students and faculty gathered to honor species like the American eel which is facing rapid decline. The American eel also has substantial importance to the Haudenosaunee nation. Neil Paterson Jr. emphasized that the American eel can eel is the first and only fish to have been elevated to clan status within the tribe, his own daughter being a member of the clan.

The Náhuatl, historically known as Aztec, along with the Haudenosaunee both have languages that are slowly dying out. The poem When A Tongue Dies was read in both the native Náhuatl language and English. Students and faculty joined in singing the ‘Humble Song,’ a traditional Native American song led by Dr. Kimmerer.

The ceremony included the creation of a symbolic web, each person representing a species while holding long pieces of twine to connect to each other. The web was a powerful visual display of the intimate connections between humans and the natural world.

Ratcliffe believes that observing Remembrance Day has not only the potential to enrich the emotional lives of students, but also provides practical implications in the field of conservation. He sees this day as an opportunity to release and refocus conservation efforts. “The energy required to hold the negative feelings at bay is exhausting, and we don’t get to use that energy on something more productive,” says Ratcliffe.

Ratcliffe believes that by acknowledging the emotional pain, a sense of clarity towards difficult environmental issues can be reached. “Letting those feelings in and creating a space to process and feel will free up that energy to do the work even better,” says Ratcliffe.

In the hopes that Remembrance Day could become an annual tradition at ESF, Ratcliffe has begun planning for next year. He wants to add a community service component to the day, a project that would allow students to interact more with Syracuse including the local people as well as plants and animals.
The Class of 1974: Paying It Forward

by John Warneck ‘74

Mr. Loveless ‘74, Don Schaufler ‘74 and I met on Amelia Island in Florida this past April. Besides reminiscing about our time at ESF, we discussed an event that occurred at our 40th reunion where the Class of 1964 presented a gift to the College for scholarships that they had raised over a couple of years. ESF students have benefited greatly from the class’ generosity. At the time, we felt that our class should do the same; given enough time, we could make a truly outstanding gift.

One night in Florida, over a beer or two, Bob, Don and I, discussed establishing a Class of 74 gift. The three of us, in addition to Margie (Gaylord) Culkowski ’74, truly believe we can achieve the $25,000 necessary to establish the endowed scholarship, and would love to see that number continue to grow to exceed a minimum of $100,000.

To start this off, I am pledging $200 annually for the five-year period for a total of $1,000. As a fellow member of the Class of 1974, I am asking you to join me in helping us reach our goal. With approximately 390 alumni in the class, if just 200 of us donate $100 a year for five years, we would far surpass our original goal. We know everyone has different financial circumstances, and while some will be able to give more, others perhaps not as much, the important thing to remember is that any amount would be truly welcome. We would love to see a high participation rate!

The fund drive would begin in 2019 and continue for the next five years culminating in the formation of a Class of 1974 endowed scholarship fund that would be recognized and presented to the College at its 50th reunion in 2024.

This past summer I met with a representative of the College Foundation who will handle the collection and mailings for us. So look to your email (wannex@gisco.net) for a pledge form in 2019 for your asking.

ESF provided us with a quality education, which has enabled us to succeed. Whatever help we received as students, from scholarships or other sources, we now have an opportunity to pay it forward through this campaign.

If you have any questions, I can be reached at wannex@gisco.net

Meet the Class Gift Committee

Bob Loveless

After graduating from ESF, I started work as a land management forester in Redmond, Virginia. The company supplied me with a new pickup truck and 65,000 acres of forestland to manage. I was in heaven. I also learned quickly that walking can be the fastest form of transportation; there are just some places where two-wheel drive pickups are not meant to go! I married Mary Rose and we relocated to Virginia Tech where I earned a Master of Forestry degree in Forest Economics. We then spent 14 years in LA (lower Alabama). During that time, while our family was growing, I also earned an M.B.A. at the University of West Florida. Later, I transferred into a new position and we moved to Florida. I spent 37+ years with the same company. During my career, the company underwent 6 name and ownership changes. This reflects the tremendous consolidation of the U.S. pulp and paper industry over the past 40 years.

I retired in 2018 as the Information Technology Manager for WestRock Forest Resources. During my career, I had 12 different job titles. I moved from land management forestry through Forest Resources Accounting, sawmill operations, and then Development. I work in forest genetics and applying fertilization to southern pine plantations, onto our Technical department for applying R&D work to forest land management operations then back to Accounting and finally into IT. My IT work was to design, develop and then manage the systems used by Forest Resources in silvicultural management of company lands, the truck, rail and barge scale systems, and the wood procurement system.

Not to knock any southern forestry schools, but I have always felt that my education in upstate New York at ESF was excellent! SUNY ESF, in particular, the Resource Management program, enabled me to get a great start in my career.

Don Schaufler

Since there weren’t many opportunities in forestry in NY when we graduated from ESF in ‘74, many of us dispersed all over the world to find a career. The summer before graduation, I had the opportunity to work in the lumberyard at Guthcess Lumber in Cortland, NY and was pleased to be hired on to the logging crew there after graduation. Not quite what I’d been looking for, but over the next seven years I gained experience as a logger, lumber grader, and timber and land buyer. After I was laid off, I started providing forestry services to landowners and, after a couple years, was quite busy. When an opportunity to work as the Forest Manager at Cornell University’s Arnot Forest came up, I was fortunate to be chosen for the position. I enjoyed 30+ years at that location and stepped down in 2014, picking up my forestry consulting again and finding a variety of consigns at our new home just south of Ithaca, NY. Now Firefly Fields Tree Farm is marketing 100 or so Christmas trees a season!

John Warneck

In June after graduation, I began working for a Photogrammetry, Land Surveying and Engineering firm in Watertown, NY. During my employment there, I became a Licensed Land Surveyor. In 1985, I went to work as a civil engineer for J.L. Zaal, a company that had offices in New York City, Atlanta, and Atlanta, Georgia. In 2001, I retired as the Manager of Surveying, Engineering and Construction Management.

I am very excited about plans to endow a scholarship fund at ESF by our class!!

The ESF Legacy

Are you a part of the tradition?

If you are an ESF Legacy, please e-mail the following information to the Alumni Office at alumni@esf.edu:

• Name
• Class Year
• Major
• Hometown
• Name and Class Year (if known) of your “Legacy”
• Relationship to your “Legacy”

If you or your child or grandchild is considering admission to ESF, did you know that the Alumni Association sponsors a Legacy Scholarship?

Our Legacy Scholarship program, which began in 2008, was instituted as a way of honoring a family’s tradition of attending SUNY ESF. On the undergraduate admissions application, the student self-identifies as a “Legacy,” and upon acceptance, is then considered for the scholarship. At this time, the Legacy connection extends to parents and grandparents who are ESF or Ranger School alumni. Our Legacy Scholars receive $250 towards their tuition every semester for up to five years of study, provided they maintain a 2.5 GPA.

If your child or grandchild is planning to apply for admission to a 4- or 5-year degree program at SUNY ESF (main campus only), be sure that they check off the “Legacy” box on the application to be considered for this award!
Class Speaker Isabelle Horvath ‘18 delivered an inspiring speech to her fellow graduates.

Raising a glass at the Champagne Toast! Congratulations, December Class of 2018 graduates!

Class of 2022
The Class of 2022 arrived on campus this past August! The Alumni Association hosts an Ice Cream Social for this group each year.

December Class of 2018 & Commencement

A happy graduate and his supporters at December Commencement!

Master’s degree recipient Jenny Frank (second from left) greets her “cheering section” at December Commencement! Jenny received a BS in 2015 in Sustainable Energy Management.
Alumni News

ASLA 2018
Nicole Rivera-Ramos '18 (right) received the top award in the Analysis and Planning Category for the American Society of Landscape Architects 2018 ASLA Student Awards. She was presented with the award at the ASLA Annual Meeting and Expo in October. Here, she poses with Landscape Architecture Department Chair Doug Johnston ’80.

An alumni gathering in Philadelphia was held in conjunction with the ASLA Annual Meeting and Expo this past October. Landscape Architecture Professor Tony Miller ’72 (far right) catches up with alumni at the City Tap House.

College Fair
Tom Powers ’82 represented ESF at a College Fair in Houston, TX! Tom is one of our Alumni Admissions Ambassadors—he spreads the word about ESF to prospective students in his area.

Alumni Tour NSLS-II
Alumni were treated to a behind-the-scenes look at the National Synchrotron Light Source II (NSLS-II) at Brookhaven National Laboratory on Long Island in July. The NSLS-II facility offers researchers an array of beamlines with x-ray, ultraviolet, and infrared light to enable discoveries in clean and affordable energy, high temperature superconductivity, and molecular electronics.

Alumni Event Photos

Alumni Tour Freshkills Park
ESF alum Terrance Caviness ’17 (far left), Programming Associate for NYS Parks, leads a group of faculty and students on a tour of Freshkills Park (Staten Island). The group, which included faculty from ESF as well as Osnabrück University Faculty of Agricultural Sciences and Landscape Architecture, was on Staten Island working with the NYSDEC to develop design ideas at the Mount Loretto Unique Area.

Syracuse Chiefs
ESF Alumni were given a “shout out” on the scoreboard at the annual ESF Alumni Day at the Syracuse Chiefs!

Alumni Tour Rocky Point Pine Barrens
Alumni braved the July heat and insects for a tour of the Rocky Point Pine Barrens on Long Island. Leading the tour were Dr. Martin Dovciak (ESF Professor of Environmental & Forest Biology) and DEC Regional Forester John Wernet ’07.

We held one of our Alumni Regional Gatherings in Buffalo, NY this past November! The event, which attracted a large number of local alumni, was held at Resurgence Brewing Co. and was hosted by Sara (Sullivan) Goodman ’03 and Jason Goodman ’04.

This group of recent Landscape Architecture alumni connected with Professor Robin Hoffman ’82 (far right) for dinner in San Francisco. Professor Hoffman reports that it was a delight for her to hear about their successes and challenges as young landscape architects.

A group of alumni in the Washington, DC area held a gathering in September. Special thanks to our host, Roseanna (Perez) Burick ’06!

College Fair
Tom Powers ’82 represented ESF at a College Fair in Houston, TX! Tom is one of our Alumni Admissions Ambassadors—he spreads the word about ESF to prospective students in his area.
2018 Alumni & Family Fall Weekend
Thank you for coming! We look forward to seeing you next year.

Senior Reunion Dinner
1. From left, Alex Holstein ’48, Keith Butters ’63, and Burton Ford ’53 celebrated their 70th, 55th, and 60th reunions this past October.
3. The Class of 1968 celebrated their Golden Jubilee reunion this year! Front row seated, from left: Mike Birmingham, Diana BENOZ, and Art Mittelstaedt. Standing, from left: Cliff Buckley, Dale Baker, Nikita Lopoukhine, and James Snyder.
4. These graduates from the Class of 1978 came back to campus for their 40th college reunion! From left, Christopher Rein, Scott Kasprwicz, and Terry Orr.

If you graduated in a year that ends in a “4” or a “9,” 2019 is a reunion year for you!
We want to see you back on campus in the fall for our Homecoming activities! We are actively seeking out class leaders to rally the troops and encourage classmates to attend. We will work with you on all of the details—all we need is alumni leadership to inspire attendance! If you would be interested in helping us reach your classmates, please e-mail us at alumni@esf.edu.

Reunion Class Portraits
1. Senior Reunion (those who graduated 50+ years ago) attendees and their guests pose in front of the Gateway Center during the Friday evening reception.
2. Alumni from the 1970s gathered at the Opening Reception in the Gateway Center. From left, James Foster ’73, John Kelly ’78, Mark Vandover ’78, Thomas Koch ’73, Phillip Hertzog ’78, Anne Marie Sebesta ’78, Ed Neuhauser ’73, Peg Coleman ’79, Ellen Warner ’78, Norman Roth ’74, and Bob Geraci ’73.
3. Young alumni from classes within the 2000s came to campus for Fall Weekend festivities. From left, Kristy (Blakely) Schmitt ’08, Gabby Bedor Ferrara ’08, Pilar Lyons ’08, and Ann Fordock ’05.
To view more photos from the 2018 Alumni & Family Fall Weekend, please visit https://www.flickr.com/photos/sunyesf/albums

Opening Reception
1. Clifford Buckley ’68 and his wife, Marie, catch up with fellow alumni at the Opening Reception on Friday evening.
2. The Gateway Center conference rooms were filled to capacity for the Opening Reception! At this event, alumni get the chance to catch up with each other and mingle with current students and their families.
3. A “regular” at our Alumni Association events, A. Vincent Cerny ’58 (left) chats with classmate Roger Swanson ’58.
4. The Ecotones, ESF’s own a cappella vocal group, performed for the crowd of nearly 300 at the Opening Reception.

Fall Weekend Events
1. One of the most popular events of the weekend is EFB Chair Dr. Donald Leopold’s “Dendrology Walk.” Dr. Leopold leads groups around campus and Oakwood Cemetery for quick lessons on tree identification!
2. A longstanding ESF tradition—tie-dying!—is a popular activity during the weekend.
3. ESF’s CSTEP Administrative Coordinator, Eileen Baldassarre, poses with Kenson Jeffrey ’08 and Oakie the Acorn! Kenson is an attorney with the DEC in Albany.
4. There are a wide variety of tours and demonstrations offered throughout the weekend. Alumni, students and families were treated to a “behind-the-scenes” look at the greenhouses located on the roof of Illick Hall.
Field Guides
ESF Forest and Natural Resources Management professor, Christopher Nowak ’85, is one of the authors of three spiral-bound field guides available in the bookstore. Northeastern Shrub and Tree Identification describes common shrubs, woody vines and short trees of the northeast, with an emphasis on those species that occur in old-field, early succession habitats. It is vegetation management interest in young trees—those seedlings and saplings that need to be identified for promotion or control—that provides the focus of the field guide titled Sapling Identification. Last but not least, Willow Identification describes important willows, including rare species, found in New York State.

$20.00–25.00
ESF researchers assess how transgenic trees might affect environment

by Claire B. Dunne

Two new studies on the environment surrounding transgenic American chestnut trees provide evidence that the trees have no harmful effects on germinating seeds, beneficial fungi, or larval frogs that are dependent indicators of environmental quality. The findings were published by researchers from the SUNY College of Environmental Science and Forestry (ESF), where scientists have been working for 29 years to restore the valuable species after it was nearly wiped out by a pathogenic blight.

"If federal regulatory approval is obtained, for many agricultural crops, this is the first time such approval will be considered for a threatened plant that is intended to be reintroduced into its natural environment. The process could take two or more years," said Professor William Powell, a co-author on both studies and director of ESF’s American Chestnut Research & Restoration Project.

The ESF technique neutralizes the pathogen’s main weapon by using a common detoxifying enzyme found in many plants. When this single gene is added to the chestnut tree’s approximately 38,000 genes, the enzyme can withstand an attack by the blight.

ESF's body of research on the subject includes participation by scientists beyond its forests and trees, and the two recent studies included SUNY Distinguished Professor James Gibbs, director of ESF‘s American Chestnut Research & Restoration Project and Professor Thomas R. Horton, a mycologist. Powell said the work of other biologists is key to determining how the chestnut tree's approximately 38,000 genes work together. "We are so proud of how well they represent ESF both on the field and in the classroom. We are looking forward to an equally busy and rewarding spring semester."

We kicked things off last month with transfer day for the 2019 class. It was a busy June and July for the annual Career Fair later this month, as we are actively working with students to plan our favorite week of the year, Earth Week, and May Commencement planning is also in full swing."

The results suggest that American chestnut might have formerly been an important source of food for forest-dwelling amphibians and that transgenic American chestnut litter generated as part of chestnut restoration efforts is unlikely to present unusual risks to developing amphibian larvae in the forest.

Two additional studies are expected to be submitted for publication in the coming months: one examining interactions between leaf-feeding insects and forest biocontrol treatments as applied to American chestnut, and another looking at pollen use by native bumblebees.

As with the previous studies, both these experiments showed no measurable differences on the insects feeding on transgenic and non-transgenic American chestnuts as they may someday grow in the wild.

In addition to Powell, Gibbs and Horton, these ESF researchers contributed to the two publications: master’s student Harrison B. Goldspiel, Ph.D. student Andrew E. Newhouse, Visiting Instructor Allison D. Oakes; master’s student Hannah C. Pilely, and Hannah E. Rothermel for their work on her undergraduate honor's thesis and earned her bachelor's degree in 2018. The results underscore the need to consider the impacts of blight resistant transgenic chestnut on mycorrhizal fungi was conducted by master’s student Katie D'Amico and Bam Toutoulet in previous studies."

Studies: Transgenic American Chestnut Trees Show No Ill Effects on Seeds, Fungi or Larval Frogs

The first of the recent studies, published in August in the journal Restoration Ecology, the ESF research team evaluated the effect of transgenic American chestnut leaf litter on the growth and survival of leaf larval wood frogs. The frogs, which are less than three inches long, have a range that includes forestsed habitat across the eastern United States - in many cases, the habitat that was once home to American chestnut trees. In their larval stage, the frogs forage almost entirely on periphyton, a mixture of freshwater organisms that attach themselves to submerged plants and other objects that accumulate in temporary water bodies. "Developing wood frogs are a product of the leaves they forage upon in the vernal pools where they live: these abundant amphibians are good indicators of environmental quality. We saw neutral to positive effects of blight-tolerant American chestnut leaves on developing wood frogs, suggesting chestnut restoration may actually benefit the species," Gibbs said.

The scientists reared wood frog larvae on leaf litter from American chestnuts that had been genetically engineered for blight tolerance. They also compared the litter from transgenic American chestnut, Chinese chestnut, an American-Chinese hybrid chestnut, and two non-transgenic "control" tree species, sugar maple and American beech.

The results: No observed differences in growth or survival of wood frog larvae reared on transgenic versus non-transgenic American chestnut leaves.

"Without supplementary food, wood frog larvae provided leaves from American chestnut (both types) developed faster and grew larger than those exposed to other leaf litter treatments," the scientists wrote.

American beech.

"control" tree species, sugar maple and American beech.

"Along with other environmental impact comparisons, these conclusions provide further evidence that transgenic American chestnut could be considered for a threatened plant that is intended to be reintroduced into its natural environment. The process could take two or more years," said Professor William Powell, a co-author on both studies and director of ESF’s American Chestnut Research & Restoration Project.

In addition to Powell, Gibbs and Horton, these ESF researchers contributed to the two publications: master’s student Harrison B. Goldspiel, Ph.D. student Andrew E. Newhouse, Visiting Instructor Allison D. Oakes; master’s student Hannah C. Pilely, and Hannah E. Rothermel for their work on her undergraduate honor's thesis and earned her bachelor's degree in 2018. The results underscore the need to consider the impacts of blight resistant transgenic chestnut on mycorrhizal fungi was conducted by master’s student Katie D’Amico and Bam Toutoulet in previous studies."

To learn more about the American Chestnut Research & Restoration Project at ESF, visit https://www.esf.edu/chestnut/
George Prokępek (PSE) writes, “My wife and I celebrated our 71st wedding anniversary last June. Due to physical disability, we moved from our split-level home that we lived in for 62 years in North, CT, to a service facility with assisted living in Springfield, VA.”

Robert Adams (FRM) writes, “I spent a year after battling myeloma cancer for 12 years.”


Eugene LaMothe (FRM) writes, “I first saw Cranberry Lake in 1961 on my 19th birthday when I arrived at the village dock 10 days early to open summer camp. I stayed on to check the camp and worked the next two summers as a clerk in the office. I graduated in 1964 and after two careers (with the United States Air Force and Lockheed) settled in Northern New York. Today we tend 1,100 sheep and 100 Angus on 1,000 acres near Antwerp, NY. Cranberry still calls and my wife and I make it over every few weeks for a walk in the woods with our eight-year-old son. Life is good, Chip (315) 771-1752.”

Richard Okun (CHE) is a research chemist who has developed a method of removing phosphates and preventing algae growth from recreational waters.

Norman Bell (PSE) writes, “Enjoying life with grandchildren and playing golf with neighbors.”
John Slater (LA) writes, “Closed down Slater Associates, Inc. in December 2016 after 42 years and started up Slater Design to provide landscape architectural consultation and design.”

1966

Robert S. Lynch (CHE) writes, “Have been gainfully retired from working in Environmental Labs. Lots of time to relax, kayak, and spend time outside. Also delighted to be able to spend quality time with my 6 grandchildren (ages 1 to 17).”

1967

Paul Ebersbach (FRM) writes “I am now in my third year of retirement. My life took an unexpected downturn in August when I lost my beloved wife of 52 years, Karla, to breast cancer. We had a wonderful life together and raised three wonderful children. I have reconnected with my best friend and roommate from ESF. Steve Shauger (FRM), who now lives in Coopertown. Still a stumpie for life!”

Stephen Glasser (FRM) writes, “I enjoyed my 50th Class Reunion in 2017 very much and wish to thank again the ESF Alumni Office staff for its efforts to make it a success. My wife Elizabeth also says ‘thanks so much.’ Last week I attended a US Forest Service retired employees reunion in Asheville, NC, where I met with Dr. Lloyd Swift, Jr. (SAL), who said he graduated the last year of Dean Ilick’s tenure. Dr. Swift worked at Coweefa Hydrologic Lab for over 30 years before retirement.”

Robert Sauer (FRM) writes, “I worked as a forester for Harden Furniture in McConnellville, NY for 33 years and in 1990 went into consulting forestry. I still do a limited amount of consulting to keep myself sharp. Best to all!”

1969

Members of the Landscape Architecture Class of 1969 held a 40 year mini-reunion in Liverpool, New York in 2009. It’s time to start making plans for the 50th! Top row from left, George Curry (Professor Emeritus), Jeryl Schriever, Lou Chandler, Margaret (Vikre) Harman, Margaret (Vikre) Napoleon. www.esf.edu/alumni WINTER 2019 Class Notes 17

1970

David Atwood (FRM) writes, “Retired from teaching at Christian Brothers Academy (Syracuse) in 2004. Currently Town Justice of Sempronius (since 2006). I now enjoy operating a farm and raising beef cattle. Thankful for reaching 70 years old. I stay in touch with alumni and other retired friends. ESF at 50! I hope all my accomplishments possible.”

George Murphy (EFB) writes as a full-time natural science teacher, but is still actively planting native trees and shrubs on Long Island, wintering in the desert SW, writing, and active in musical projects like the Queazles, Natalie & George, and the T-tones. Still blabbing with Tom Catchpole (FRM) on the phone. Keep on planting!”

1971

Thayer (Ticomb) Miller (LA) writes, “My youngest son, John, was married in May to his long-time girlfriend, Alexis. Then they announced that I will have another grandchild early 2019. That will give me four lovely grandchildren. 3 on the west coast and 1 on the east coast. I am so excited as my family continues to grow. More road trips are in my future!”

1973

Peter Breuer (FRM) writes, “Since retiring, I’ve been volunteering with Samaritan’s Purse Disaster Relief, helping with flood, tornado and fire re-covery and volunteering with our local fire department. Janet and I are active in our local church. Janet has solo kayaked the Columbia, Missouri, and Yukon Rivers and is planning for the Wackenese and Mississippi Rivers.”

1974

James Cain (PSE) writes, “After moving to Portland, OR in 1977, we finally left and moved to Bend, OR. Bend is a high-desert ski town. It also has good fishing nearby as well as several golf courses and is growing rapidly. Carol and I are enjoying cross-country skiing and meeting new neighbors. It is very strange moving from a 1928 house to a 2018 house.”

1975

Scott Josiah (FRM) writes, “Just enjoying my first full year of retirement out in the Pacific Northwest.”

Timothy Kean (PSE) writes, “I have retired after 41 years with Union Camp/International Paper. Now splitting my time between Iowa, New York City and Savannah, Georgia. My family is spread out as a consequence of many career relocations. Enjoying retirement, no work e-mail!”

Michael Maloney (FRM) writes, “I am retired from the paper industry and involved in bicycle touring. Got started in the game late in life, but still working on it. Colombia, Asia, Israel, Jordan, and now heading on to Patagonia. Ride on.”

Russell McCullough (EFB) writes, “I have recently retired after 38 years with the NYS DEC Bureau of Fisheries. I will be spending more time with grandchildren, fishing, gardening and hiking. I can be reached at msrzbac@aol.com.”

1976

George Steele (EFB) writes, “Continue to do environmental education work with schools, libraries and camps, including the NYS DEC Environmental Education Camps and the Great Camp Sagamore, where I’ve come across ESF students and alums.”

1977

James P. Garrrahan (LA) writes, “I’ve been practicing as a landscape architect for 40 years!!! WOW!!! A great experience that began at ESF. Thanks to the faculty and my classmates. It seems like yesterday. Keep building this legacy at the school and college. Cheers!”

Scott Saroff (EFB) writes, “Mike Anderson (PE), class of 1977, my ESF roommate, and I continue to get together regularly on my trips to Central Ohio. He and his lovely wife, Karla, live only minutes away from my in-law’s farm. We live in a very small world.”

1978

Stanley Koenig (FRM) writes, “Another great year in retirement from the NYS DEC. My wife and I took a 15-day voyage on the Queen Victoria from the Emerald Isles to the Western Mediterranean. We stopped in Italy, Spain, France, Gibraltar, Corsica, and took a day trip to Rome. We also spent two days in London.”

Denise Hobson ‘78 brought her ESF flag on a recent family trip to Iceland – from left: Denise, her son, Benjamin Stephens ‘08, her daughters, Eleanor (Stephens) Seasar ‘07, and two future Stumpies, Max and Theo Seasar.

Dr. Thomas Bellinger (FRM) writes, “Greetings to my former classmates—especially to the SILVICETO Executives! I retired from the DOI (Reclamation) as their Principal Hydrologist 10 years ago. Since then I have been in academia teaching in the Earth & Atmospheric Science Dept. at MSU Denver. I am in my 11th year as a professor and now teach part-time. I am also a Technical Advisor with the DOI International Tech Assistance program working on the Mekong River in Laos. Anita and I now have 3 grandchildren all under 4 years of age— a new dimension to our lives! I continue to pursue music (mandolin/bass and some attempts with the fiddle) with the Denver Mandolin Orchestra and the Bluemoon Bluegrass Band. I hope this message finds everyone well!”

Dr. Thomas Bellinger

Gail Calcagno (EFB) writes, “I retired after 31 years as a science teacher for the Syracuse City School District, where I focused on Environmental Education and Chemistry and also ran the Ecology Club. I also served on the Board of Directors for the Central New York Land Trust for over 20 years and am still volunteering with the fund-raising community.”

Paul Castelli (EFB) writes, “After 31 years with the New Jersey Division of Fish and Wildlife, followed by 6 years with the United States Fish & Wildlife Service at Edwin B. Forsythe National Wildlife Refuge, I have retired. Enjoying hunting, fishing and lots of ‘honey-do’ projects around the house, as well as some traveling. Sorry to have missed the reunion this October, but I was in the Northwest duck hunting! Hope all are well.”
Joe Kearney (WPE) writes, “On a September trip to NYC, I met up with fellow ESF alumni and SU track teammates Dan Brownell (ES) and Mike Borghard (77/WPE). Naturally, we are not as fast as we used to be but had fun reminiscing about our ‘glory days’ in Syracuse. It was a great time, and I heartily recommend reconnecting with classmates from your past if you haven’t done so already.”

Joe Kearney ’78, Dan Brownell ’78, and Mike Borghard ’77 met up in New York City.

Stephanie C. Punnett (EFB) writes, “Recently [this summer] bought a house in Franklin Township, Hunterdon, New Jersey. I work at NJ Audubon as the Program Director at NJ Audubon as the Program Director at the NJA Scherman Hoffman Wildlife Sanctuary in Berkeleyville, NJ. I’ve been with NJ Audubon for 8 years in the Education Department. Lots of great environmental education, conservation, and advocacy work going on in New Jersey Audubon.”

Dr. Michael S. Winnicki, MD (EFB) writes, “Heidi (SU, ’78) and I are happily married for 38 years. We have 2 daughters, Heidi (Rieckermann) Harrington ’93 and son, Dillon, visiting ESF. Heidi (SU, ’78) and I are happily married for 38 years. We have 2 daughters, Heidi (Rieckermann) Harrington ’93 and son, Dillon, visiting ESF.

Dr. Kenneth Barber (ESF) writes, “Enjoying the articulation of a hump back whale this summer with my mom and son, Peter (’86, FOR) and son, Dillon, visiting ESF. Heidi (SU, ’78) and I are happily married for 38 years. We have 2 daughters, Heidi (Rieckermann) Harrington ’93 and son, Dillon, visiting ESF.

Dr. Charles Seager (CHE) writes, “Still practicing family medicine in Williamsburg. My son, John, is a rising sophomore at William and Mary.”

John Hilley ’79 and Denise Hobson ’78 ran into each other while attending the 4th week of the Appalachian Mountain Club’s August Camp in the Northern Cascades near Mt. Baker in Washington.

Daniel Gray (PSE) writes, “Retired in May and are moving onto our boat to cruise the oceans.”

William Kustas (ERE) writes, “My daughter Teresa, class of 2022, is now attending ESF!”

Timothy Slavin (FRM) writes, “Elected chair of the New Jersey Division of SAF in full of 2007 and currently sitting on Executive Committee of The Allegheny SAF.”

Jen (Kupp) Skates (ES) writes, “Heidi (SU, ’78) and I are happily married for 38 years. We have 2 daughters, Heidi (Rieckermann) Harrington ’93 and son, Dillon, visiting ESF. Heidi (SU, ’78) and I are happily married for 38 years. We have 2 daughters, Heidi (Rieckermann) Harrington ’93 and son, Dillon, visiting ESF.

Kevin Tone (FER) writes, “I was promoted to President of JVA in 2017. JVA is a 120-person consulting firm headquartered in Boulder, CO. I started the civil and environmental engineering disciplines back in 1999, adding those services to a long standing structural engineer firm. Notice the FEG program has been renamed to Environmental Resource Engineering and I like how that sounds.”

Gerald Koziolanski (ES) writes, “The Silver Lake Nature Center offers a very robust internship program. We not only provide quality housing, but we pay a salary as well. Contact me with any inquiries.”

Dr. Stacey Sarmiento (PSE) writes, “Happy in private practice in the Sierra Nevada Mountains with my wife and kids. I have also been raising chickens for a few years now.”

Adam West (LA) is happy to have celebrated 20 years of business in 2018. Adam and his team specialize in Landscape Construction in the Boston area. He loves working with Landscape Architects – especially ESF grads!”

Kristina (Marossy) Graham (ES) writes, “Hey There! Trying to connect with some of your ESF Class of ’93, or my Wanakea Ranger School Class of ’90 classmates. Loved my time at both and am actually considering coming back! At the time, I was in a dual program of Forestry and Land Surveying at the Ranger School. Then I majored in Environmental Science at ESF. I was also VP and Secretary in Student Government, in the Alpha Xi Sigma Honor Society, sorority sister, yearbook staff, newspaper copy editor, and Wildlife Society member. Also worked part-time at the library and one of the sorority houses. Hope that helps give a visual. Feel free to email me at Kristina-Graham@outlook.com. Hope to hear from you soon!”

Heidi Harrington (EFB/FRM) writes, “Can’t believe it has been 25 years since we graduated from ESF. I’ve been an Alumni Ambassador for ESF this past year here in Atlanta, helping at college fairs. This has been really fun! I also got to visit the campus this summer with my mom and son, Dillon, which was great. Lots of new improvements, but also great to walk into Marshall Hall and feel like it was 1993 again!”

Heidi (Rieckermann) Harrington ’93 and son, Dillon, visiting ESF.

Jen (Kupp) Skates (FRM) is a homemaker and freelance writer in Nebraska. She is actively engaged as a disciple of Jesus Christ, a prophetess of Jehovah, and a teacher in her church, Truth Ministry.

Shane Dixon (EFB) writes, “I hope that you are all doing well. I have been in Northern California for 23 years teaching and coaching. I love to explore and fish in the Sierra Nevada Mountains with my wife and kids. I have also been raising chickens for a few years now.”

Heidi (Rieckermann) Harrington ’93 and son, Dillon, visiting ESF.

Class Notes, continued
1997
Katherine Culbert (PSE) writes, “I am temporarily in Chicago studying at Northwestern’s Fritzker School of Law, pursuing a masters of science and law.”

Kerry Planch (EFB) writes, “Alpine Made certified organic goat milk soap and beauty products aims to create awareness of the new paradigm that supports healthy, clean and sustainable living. We use our organic goat milk to craft pure, alternative products that cleanse and moisturize the skin. We are a certified organic goat dairy operation in Western New York and are expanding with two large grocery chains in NYS. We spent the 2018 holiday season vending at the Union Square Market in NYC. Alpinemade.com”

1999
Dr. Stephen Brown (ES) writes, “In July, I climbed the 20,187 foot tall mountain, Stok Kangri, in the Western Himalayas of India.”

2008
Evon McDivitt (FOR) writes, “I have been working as a forester in the Indiana Department of Natural Resources performing resource management on a state forest in southern Indiana since 2016. When I came out here, I was surprised by the beauty and diversity of Indiana forests. Additionally I was surprised at the level of protests regarding timber harvests on state forest land. I’ve been told the anti-logging cohort on state forest land is only exceeded by one other state, California, so that’s interesting. It keeps the job rich and exciting.”

2018 • Welcome!
The ESF Alumni Association welcomes the December 2018 Graduates as alumni! We’d like to hear from you...please send us your Class Note. Photos welcome! Your Class Note can be submitted one of three easy ways.

2013
Martha Nowlan (EST) writes, “I wasn’t loving changing things through non-profit and like-minded industries, so now I’m going to change an entire industry as a realtor! Who else is doing something similar? Be in touch! martha@herggroup.com”

1968
Nikita Lopoukhine (FOR) writes, Appointed member to the Committee reviewing the International Union for Conservation of Nature Global Green List of Protected Areas. The first meeting scheduled at the end of October in Germany.”

1977
Jim Beyer (FRM) writes, “I recently retired from a career with the USDA Bureau of Indian Affairs. I served on the Flathead Reservation in Montana from 1978-1995. I was the Supervisory Forester in charge of forest, inventory, management, GIS and roads. I was also the Agency NEPA coordinator. I had a hiatus from 1995-2012 when I ran my own business developing land, constructing and selling houses. After the crash of 2008, I went back to practicing forestry on the Fort Apache Reservation in Arizona as the Inventory Forester. While at Fort Apache, I had the pleasure of working with John Philbin (74, FRM) and Joel Foyck (84, RS). I retired from the USDI in 2016 and now remodeled houses in the Phoenix area.”

1978
Tisha (Drozdowski) Morrell (EFB) recently retired as Professor and Director of the STEM Center at the University of Portland. Rather than settle into a life of glorious leisure, she will be moving to Australia to become the Head of the School of Education at the University of Queensland. Her gracefully aging spouse, Jeff Morrell (77 & ’81, EFB) will also apparently be moving and will become the founding Director of the National Centre for Timber Durability and Life Design, a consortium of the University of Queensland, University of the Sunshine Coast and Queensland Department of Agriculture and Fisheries. There is a rumor that they will have a spare bedroom for visitors to Brisbane.

1979
Celia (Fiorentino) Petersen (LA) retired from New York City Parks & Recreation after 37 years of service. Celia is a registered landscape architect and served as Director of Specifications & Estimating for Capital Projects. She is now tending to her tomatoes and herb garden at home in Garden City, Long Island.

Diane Dreier (Graham) ’79 (BLA), Celia Petersen (Fiorentino) ’79 (BLA) and John Butt ’79 (BLA) at Celia’s retirement party June 2, 2018.

1980
Robert Golde’s (LA) firm won three ASLA Connecticut Chapter awards in 2018. The Award of Excellence (corporate institutional category) for University of Kentucky Chandler Hospital in Lexington, KY. The Merit Award (corporate institutional category) for 1775 Tysons Boulevard in McLean, VA.

Robert Golde ’80 received the Connecticut ASLA chapter’s Award of Excellence for his firm’s design at University of Kentucky Chandler Hospital pictured here.

1983
Susan Stuart (FOR) received SAF’s 2018 Technology Transfer Award which recognizes outstanding performance in the areas of technology transfer, implementation and extension.

1984
Peter Palmiotto (FRM) was appointed Chair of the Environmental Studies Department at Antioch University New England where he has been a faculty member for 18 years. He earned his doctorate in Forestry at Yale University School of Forestry and Environmental Studies. He serves on his town’s conservation commission and puts his profession of forestry into practice as Director of Antioch forests. Palmiotto will head one of the oldest ES graduate programs in the US whose graduates, trained in an interdisciplinary learning community, are leaders of change agents around the world.

1993
Gina (Mineo) Foley (EFB) writes, “In September, I became a tenured faculty member at Berkshire Community College (Pittsfield, MA) in the Environmental and Life Sciences Department. I am currently an Associate Professor of Life Sciences and the Program Advisor for the Biotechnology Program. Steve Foley (‘94, PSE) and I celebrated our 22nd wedding anniversary this past June, and we sent our first child off to college at Boston University.

1995
Craig Fauler (ERE) has accepted the position of Technology Manager, Stock Preparation for Valmet, Inc. in Duluth, Georgia.

2019 • Professional News

Dr. Jose Ibarra (PSE) is currently the Project Director for a new 100% recycled paper mill in construction in Monterey, Mexico.

Avery Kamila (ES) is the co-founder of an effort in Portland, ME that succeed-ed this year in getting the Portland City Council to adopt one of the strictest pesticide bans in the country. The new ordinance requires organic land care on both public and private property in the city and bans the use of synthetic pesticides. Avery is also a long-time reporter and columnist for the Portland Press Herald, where she writes the Vegan Kitchen column. She has recently begun working to bring vegan hot lunch options to the Portland Public Schools.

Avery Kamila ‘95 speaks about pesticides at the 2017 March for Science in Portland, Maine.

2019 • Accolades & Professional News

2013
Martha Nowlan (EST) writes, “I wasn’t loving changing things through non-profit and like-minded industries, so now I’m going to change an entire industry as a realtor! Who else is doing something similar? Be in touch! martha@herggroup.com”

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1997
Lance D. Hanson (ES) writes, “Just celebrated 10 years working for the Connecticut Wildlife Division Technical Assistance Program, as well as 20 years since I first started working for Environmental Protection at 79 Elm Street in Hartford, CT. In 2015, I founded the Friends of American Legion and People’s State Forests (PALPS) and this past summer, I scheduled different programs and activities for the People’s State Forest Museum.”

Stacy McNulty (EFB) was recently elected President of the Organization of Biological Field Stations, an international organization that supports research, education and outreach at field stations. Stacey is also the associate director of ESF’s Adirondack Ecological Center located in the Adirondack Mountains.
Growing the Family Tree

2005

Lindsey (Clark) and Roger Wilcox welcomed Ashton Wilcox to their family October 26, 2018.

2004

Plant Pathologist Jaime Cummings (EFB) has joined the New York State Integrated Pest Management Program (NYSIPM) at Cornell University as its new Field Crops and Livestock Coordinator, with the goal of reducing environmental, health and economic risks for farmers across the state. With New York agriculture booming, and its long-established presence as a major dairy state, thousands of farms and dairies depend on Cornell expertise. A native New Yorker, Cummings’ path included degrees from Broome Community College, SUNY ESF, and Washington State University. She led Monsanto’s soybean pathology team, and has authored over forty crop-related publications. Cummings, a Certified Crop Advisor, will travel the state in this new role. That makes her a welcome and familiar face to many growers and Cooperative Extension educators. Contact her at jc2246@cornell.edu

Weddings & Celebrations

1947

Robert F. Bangert (WPE) and Frances H. Bangert celebrated their 75th wedding anniversary on September 27, 2018. He and Frankie live in Ft. Pierce, FL.

1995

A. Caroline Hotaling (EFB) and Jacopo Surricchio were married in January 1995 in Nanjing, China. They currently reside in the lower Hudson Valley of New York State. Caroline recently started a non-profit consulting firm, Hotaling & Partners, a full-service design firm that has served public and private sector clients for more than 40 years, announced that Theodore Donner (ERE) joined as civil engineer at Wendel. Donner is a member of the International Association of Lighting Designers. He has more than six years of industry experience and most recently served as an intern at a civil engineering firm in Buffalo, NY. Donner will focus on planning, designing and overseeing construction projects related to water and wastewater infrastructure. He has an additional degree in finance and economics and is a certified LEED AP BD+C. Donner is a certified LEED AP BD+C.

2016

Shannon Fabiani (ES) was delighted to share her experience in non-formal education at the Environmental Education and Interpretation Networking Event held by ESF’s Student Environmental Education Coalition this Fall. Shannon discussed how she uses education, interpretation, and other communication skills to engage watershed communities in water quality issues and encourages stewardship for our shared local waterbodies. Shannon is a Water & Ecology Specialist with Cornell Cooperative Extension of Onondaga County. At CCE, Shannon is a part of the team that delivers the Skaneateles Watershed Education Program, funded by the City of Syracuse.

2018

Rachel Feeney (FRM) writes, “At Erda, we believe in impact you can measure. We are a thermal energy company specializing in geo-exchange technology in the UK. We have been collecting data from sites since the systems were turned on and began performing. Erda is a leading platform that allows us to store and analyze this data. We wanted to look at the whole of the portfolio to determine the scale of cumulative savings (both energy and carbon) that have come from Erda’s technology. Our results can be seen in the knowledge base. www.erdanergy.com/erda-impact-by-rachel-feeney

2011

Kathryn Ellers (EFB) participated in research during the summer of 2018. She studied coral reefs, manatees, howler monkeys, jaguars and other wildlife, while learning the methods communities are using to sustain them in Belize. Kathryn, a conservation biologist at Adele Consulting, Inc., lives in Santa Fe, New Mexico, and is a graduate student in the Miami University Global Field Program.

2012

CPL, a full-service design firm that has served public and private sector clients for more than 40 years, announced that Theodore Donner (ERE) joined as civil engineer at Wendel. Donner is a member of the International Association of Lighting Designers. He has more than six years of industry experience and most recently served as an intern at a civil engineering firm in Buffalo, NY. Donner will focus on planning, designing and overseeing construction projects related to water and wastewater infrastructure. He has an additional degree in finance and economics and is a certified LEED AP BD+C. Donner is a certified LEED AP BD+C.

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Dr. Shanna L. Escobar (EFB), MD, MPH, CPH is now a board certified family physician and has accepted a fellowship position at Brown University in Maternal and Child Health and Global Health. She is also pursuing her Executive Master in Healthcare Leadership, also at Brown University.

2013

David G. Clark (FRM) writes, “I defended my Ph.D. in Ecology and Evolution at Rutgers University (New Brunswick, NJ) and was granted my degree on October 1, 2018.”

2014

Meaghan Callaghan (EST) writes, “I’ve accepted a position as associate editor at McMillan medical magazine, publishers of Anesthesiology News, General Surgery News and many more. Thanks to ESF, I’m working in the field I love: science journalism.”

2006

Kim De Leon (EFB) writes, “I was named the Volunteer of the Year in the Research Category by the Delaware Department of Natural Resources and Environmental Control. The award was presented by Delaware Governor John Carney and the Secretary of DNREC Shawn Garvin at the DNREC Annual Awards Ceremony at the Delaware State Fair. This award was given to me because I volunteer with the Brandywine Zoo. I have been such a joy for me.”

Scott Swayne (ES) writes, “I just completed my second year teaching two courses in Nanjing China (a Logistics Information Management course to business grad students and a law school course in Logistics Law). The students from both classes performed very well and I spoke so much about my masters program at ESF, they wanted to share this group photo. Hope all is well at ESF!”

Scott Swayne ‘06 teaches summer courses in Nanjing, China.

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James Glatman, 1948
Benjamin Booth, 1950
Robert Davison, 1950
Howard Thurman, 1950
Joseph Judge, 1952
Donald Ward, 1952
Bernard Galvin, 1953
Philip Glass, 1954
Deane Brink, 1955
John Roberts, 1956
Lowell Robinson, 1956
Robert Wall, 1956
Herbert Aft, 1957
James Caves, 1957
Albert Richard, 1958
Himtung Tsanada, 1959
F. Brang, 1961
George Ryan, 1962
Earle Shroder, 1965
Thomas Engdahl, 1969
Brian Skinner, 1970
James Shiner, 1971
David Moser, 1976
Mark Yutzy, 1979
Richard Suttle, 1984
Elizabeth Kilmars, 1994
Daniel Howell, 1998
Lauren “Kimi” Worrall, 2013
Raydora Drummer-Francis, 2014
Michael Schaeule, PhD, ESF Professor Emeritus

1940s

Robert Wall (WPE), 96, died on November 15, 2018. Born in Syracuse, Bob was a 20-year veteran serving in the European Theatre. He resided in Cazenovia for over thirty years, where he was a communicant of Saint James Church. Bob served as chairman of the Finance Committee, was president of the Parish Council, a lector and Eucharistic minister. Mr. Wall was chairman of the Town of Cazenovia Board of Review Assessment for twenty years. He volunteered as a language instructor at Cazenovia High School, teaching German. Mr. Wall retired after forty-seven years with Gerrity Company, Inc. as Senior Vice President and member of the Board of Directors. He served as a member of the ESF Alumni Association Board of Directors. He has been a member and past president of the St. Thomas Moore Foundation, a Member of The Century Club of Syracuse, Ithaca Museum Members’ Council and Trip Committee, and a volunteer at Unity Kitchen in Syracuse. He was a founding member and first president of the Onondaga Ski Club, as well as an active member and past president of the Syracuse Alumni Ski Club. For twenty-seven years, Bob wrote a weekly ski column for the Syracuse Herald Journal. He also wrote ski and travel articles for the Syracuse Herald American, Ski Magazine, Skiing, and Ski America. He was a member of the Board and past president of the Eastern Ski Writers Association. He was also a member of the Board and past president of North American Ski Journalists Association. As a member of the Board of Publishers Group International and an editor of the Blue Book of European Ski Resorts, he covered Austria and Germany. He predeceased by his wife of 58 years, Mary Margaret Sweeney Wall. He is survived by a daughter and her husband, a son and his wife, seven grandchildren, five great-grandchildren, as well as several nieces, nephews and cousins.

James E. (Jim) Glavin (LA), 95, passed peacefully into Gods arms on All Saints Day, November 1, 2018. He was a recent resident of the Will Rogers Inn in Saranac, and a former resident of Cranberry Lake. Jim was born in Syracuse where he lived for 65 years before retiring in 1988 to the Adirondacks. Jim was predeceased by his wife, Helen Hartnett Glavin, a sister, and a son. Jim is survived by his 2 daughters, 3 sons, 10 grandchildren, 6 great-grandchildren, and many nieces and nephews. Jim proudly served in the U.S. Army Corps of Engineers from 1942 to 1946, serving action on the South Pacific from Guadalcanal, New Guinea, the Philippines, and Okinawa to Japan. For over 40 years, Jim served as a Principal with Hureel, Haes, Glavin, a Syracuse-based firm of Architects, Landscape Architects, and Engineers, and working on hundreds of community, campus, and environment projects throughout NYS and New England. Jim was an emeritus fellow of the American Society of Landscape Architects, the highest honor bestowed on his profession. He was a member of the Landscape Architecture Advisory Council for the State of NYS, and was Past President of the ESF Alumni Association Board of Directors. Jim was also a life member of the American Society of Landscape Architects, and was an active member of the NYS Board of Landscape Architects. Jim spent his professional career at the State University of New York at Buffalo, and later at SUNY Buffalo. Jim was an active member of the Holy Name Society at church, and a member of several professional paper organizations. In addition to his work, Jim’s love of his family and his belief in God sustained his family

1950s

Joseph W. ‘Joe’ Judge, Jr (PSE), 90, passed away peacefully at home in the presence of his family on June 2, 2018. He was the husband of Patricia (Rogers) Judge. They would have celebrated 70 years of marriage on June 27, 2018. She was a devoted Christian and a member of Grace Baptist Church for over 50 years. His humor and his belief in God sustained his family through the many trials as well as joys. He was a long-time member of the First United Methodist Church in Vancouver. Survivors include his wife, Jean, 2 daughters, 4 sons-in-law, 5 grandchildren, 3 great-grandchildren, his brother, and many nieces, nephews and cousins. Preceding him in death were his son, John, 2 granddaughters, his parents and sisters.

Robert Louis Talerico (EBF), 83, passed away on December 3, 2018. He was married to Mary Jane (Pacciarelli) Talerico, his high school sweetheart, who was the love of his life. They recently celebrated 60 years of marriage. Dr. Talerico was born December 13, 1914 in Utica, NY. He served in the army as a medic from 1946-1963. In 1966, Bob and his wife moved to Cheshire, CT and raised their three children. He was employed as a Forest Entomologist for the United States Forest Service prior to his retirement. During his tenure with the Forest Service he worked in East Lansing, MI, Harrisonburg, VA, Hampton, CT and Broomall, PA. In his retirement, he was employed by Cheshire Nursery and Vinny’s Garden Center. Dr. Talerico had a deep love for the environment and enjoyed spending time outside. He instilled in his children a respect for the forest and all creatures, great and small. Bob was a man of great integrity and honor, had a strong work ethic, and lived by his faith. He will be deeply missed by his family and friends.

In Memoriam

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George Ryan, 1962
Earle Shroder, 1965
Thomas Engdahl, 1969
Brian Skinner, 1970
James Shiner, 1971
David Moser, 1976
Mark Yutzy, 1979
Richard Suttle, 1984
Elizabeth Kilmars, 1994
Daniel Howell, 1998
Lauren “Kimi” Worrall, 2013
Raydora Drummer-Francis, 2014
Michael Schaeule, PhD, ESF Professor Emeritus

Raydora S. Drummer Francis
ESF Faculty/Staff

Raydora S. Drummer Francis, ESF Director of Multicultural Affairs from 2004–2007, 61, died at home on Saturday, November 3, 2008 after a long illness. A native of New Haven, CT, she attended Richard C. Lee High School in New Haven. She went on to obtain a B. A. degree in Communications from Albertus Magnus College, New Haven; a M.A. degree in Educational Ministries from Wheaton College in Wheaton, Illinois and a Ph.D. degree in College and University Administration from Michigan State University in Lansing, MI. She spent almost all of her career in Student Support Services at Wheaton College, Michigan State University and the University of Dubuque (1986-2004). She was Interim Dean of Student Life at the University of Dubuque from July 2000 to August 2001. Raydora moved to Syracuse in January 2004 to become the Director of Multicultural Affairs at SUNY ESF. She retired from SUNY ESF in April 2017. She received Service Recognition Awards from all four Colleges that she worked at. At SUNY ESF, she won a SUNY ESF Top Employee Participation Award for her volunteer work on the 2006 CNY SEFA Fundraising Campaign. She later won a Maple Leaf Award for her leadership in student affairs.

She was a devoted Christian and a member of Grace Baptist Church for most of her time in Syracuse. She was an active volunteer who, in Syracuse, served on the Board of the Mattilda Iochy G. Fondounj, VA, Hammondsport, NY and 2005 and co-founded By HIS Spirit Ministries in 2014. She had served on the City of Dubuque Human Rights Commission for five years (1996-2003) and was vice-chair of the Board of Directors of Concern. She devoted much of her life to volunteerism and served others in various ways, including as a past president of the Holland Township Elementary School Board, a founder of Riegel Ridge Pool, a member of the board of directors at Huntington Medical Center, President of his college Alumni Association, past president of the Holy Name Society at church, and a member of several professional paper organizations. In addition to his work, Jim’s love of his family and his belief in God sustained his family
husband, father and human being. He had a warm smile, a great sense of humor; impeccable character; and was loved by all who knew him. In his spare time, Bob was an avid reader, cyclist, racquetball player and a lifetime member of the Hamden Fish and Game Club. He enjoyed attending traditional jam sessions and going for rides along the shore with his wife, and had an affinity for all things sweet. Bob enjoyed watching his grandchildren climb, and looked forward to yearly trips to Kentucky and Missouri with his wife to visit them.

Dr. Talerico is survived by a son, two daughters, four grandchildren and three great-grandchildren.

**1960s**

**George D. Ryan, Jr. (FRM)**, 78, passed away on April 2, 2018 after a long battle with dementia. He was a career Land Surveyor who once owned and operated Ryan Survey, Rowell and Associates, Gurskey and Ryan. He was a former member of Central New York Land Surveyors, New York State Association of Professional Land Surveyors and the National Society of Professional Engineers. He was a great storyteller. He enjoyed the outdoors and his work but most of all, he loved spending time with his family.

**Mark Allan Yutzy** whom he married July 5, 1980, passed away tragically in an automobile accident on the night of September 15, 2018. Brian was a devoted son, a devoted brother, an uncle, a devoted grandson, and a devoted granddaughter to his paternal grandparents.

**Elizabeth Walker Kliman** (FRM), 54, passed away in the presence of family and friends on Oct. 21, 2018, as a consequence of heart and lung damage from radiation treatment for childhood Hodgkin's Lymphoma. She was born July 30, 1964. She graduated from Harrington High School in Rhode Island. She attended a post-graduate year at the Ecole d'Humanite in the Swiss Alps, then graduated from Williams College where she majored in English. Elizabeth served as a Peace Corps Volunteer in Dominica and earned a master’s degree from the College of Environmental Science and Forestry at the State University of New York. She lived and worked in Thailand, and served with the United Nations Development Program. She settled in Lyme Center, N.H., working as a GIS mapping and forestry. Elizabeth was very active in community organizations including the Prouty benefit for the Dartmouth-Hitchcock Medical Center, the Lyme Democratic Party, and the Lyme Historians, for which she served as the Secretary. She was a devoted mother, wife, sister, and aunt. She mapled sugar, raised chickens, cooked delicious meals for groups large and small, and generously shared her blackberries and rhubarb. She skied the length of the Long Trail in Vermont, climbed every peak over 4,000 feet in New Hampshire, skated the Connecticut River, and sailed the coast of New England. Elizabeth loved her family, her community, her garden, the land, and the land, and took dien views of hypocrisy, injustice, and the incor- rect use of apostrophes. Elizabeth is survived by her loving parents, her brother, and sisters-in-law, and her nephews. She was predeceased by her mother.

**1970s**

**Brian Skinner** (FRM), 70, passed away on November 25, 2018. Brian was raised in Poughkeepsie, NY. After graduating from ESF, he became a professional Arborist for 47 years. He retired from Lewis Tree Service and Natural Grid as a certified Arborist and registered consulting Arborist.

During his career, he served the NYS Urban Forestry Officer with the NYS Urban Forestry Association of Professional Land Surveyors and the National Society of Professional Engineers. His career was long and productive, sharing his knowledge of trees and tree knowledge with fellow foresters and tree knowledge with his family. Predeceased by his parents and all, he loved spending time with his nieces, nephews, and great-grandchildren.

**Michael Schaede, PhD**

Michail Schaede, PhD, ESF Professor Emeritus, died Friday, August 24, 2018 in Philadelphia, Pennsylvania after a prolonged period of illness and infirmity. Michail was a Professor Emeritus at the College of Environmental Science and Forestry of the State University of New York in Syracuse, having retired a full professor in 1994. He was born December 27, 1927 in Tallinn, Estonia to Erich Schaede and Maria von Brevorn, but lived for much of his life in Central New York in Syracuse, Skaneateles, and De- Witt. Dr. Schaede was an expert in the field of photosynthesis and was an important contributor to the study of the effects of atomic bomb fallout in the aftermath of World War II. He started his life in the Americas in British Columbia in Canada, working in logging camps and as a railroad mechanic. Overcoming deep poverty and after ensuring that his mother and siblings were also able to emigrate to North America (they settled in Canada and in the United States), Professor Schaede earned a scholarship to the University of British Columbia, where he studied biology and soil sciences. Achieving academic distinction, he obtained his masters and PhD at the Department of Soils and Plant Nutrition at the University of California, Berkeley. At Berkeley, Dr. Schaede studied and worked with Professor Melvin Calvin, the Nobel Prize winning biologist, who conducted ground breaking studies on plant photosynthesis, including identifying the “Cal- vin Cycle” in respect of photosynthetic reactions. In working with Profes- sor Calv, Professor Schaede found his true intellectual calling, studying plant physiology and nutrition for the rest of his working life. At Berkeley, he met his wife, Marguerite Yarrison, whom he married July 5, 1980, passed away tragically on Aug. 12, 2018. Daniel was in a motor vehicle accident while preparing to descend a 400-foot cliff. As she ascends rather than climbing up the rock face, a niece, aunts, uncles, cousins, and many friends. He was predeceased by his maternal grandmother and his paternal grandparents.

**2010s**

**Lauren “Kimi” Worrell** (FRM) passed away on August 2, 2018 after she fell while preparing to descend a 400-foot face at Castle Rock in Waikato, New Zealand. Kimi had just finished a master’s degree in Climate Engineering and was working for the University of Auckland and planned to work in sustainable transport policy. She was an avid outdoor enthusiast and rock climber. When she died, she was climbing with her boyfriend, Richard Graham. During her time at ESF, Kimi was the director and co-founder of The Ecotones, the College’s a cappella singing group. Kimi’s family wanted to highlight the problem of relying on equipment on the rock face. This equipment is naturally affected by UV rays and other elements of nature af- fecting its condition and reliability. At many sport-climbing areas around the world, anchors are permanently bolted to the rock. A climber clips her rope to these anchors as she ascends rather than using removable anchors into cracks in the walls. At some areas, ropes are left on the walls as well. The climbing website Mountain Project says that there are reports of broken climbing anchor ropes, including sport-climbing routes, with difficulty ratings of 5.9 to 5.10d. The descrip- tion notes that it is extremely dangerous for anchors, but they do mention the possibility of rope drag (friction that could damage a climber’s rope.)

A crowdfunding page has been set up in Kimi’s name to raise money to replace fixed lines and hardware in climbing spots around New Zealand. givealittle.co.nz/kimis-legacy-fund
The ESF Bookshelf

An interest in these animals, from students who enjoy watching beaver ponds at nature centers to homeowners, foresters and engineers create and maintain ponds and wetlands that improve biodiversity, purify water, and prevent large-scale flooding. Biologists have long studied their daily and seasonal routines, family structures, and dispersal patterns. As human development encroaches into formerly wild areas, property owners and government authorities need new, nonlethal strategies for dealing with so-called nuisance beavers. At the same time, the complex behavior of beavers intrigrues visitors at parks and other wildlife viewing sites because it is relatively easy to observe.

ISBN-10: 0801450101

CHARLES A. S. HALL (ESF PROFESSOR EMERITUS) 

Energy Return on Investment: A Unifying Principle for Biology, Economics, and Sustainability

This authoritative and highly accessible book presents the reader with a powerful framework for understanding the critical role of the energy return on investment (EROI) in the survival and well-being of individuals, ecosystems, businesses, economies and nations. Growth and development are fundamental and ubiquitous processes at all scales, from individuals to food crops to national economies. While we are all familiar with the concepts of economic growth and living standards as measured by gross domestic product (GDP), we often take for granted the energy use that underpins GDP and our expectations for year-on-year growth. In this book, you will learn how these measures of “progress” are completely dependent on the balance that can be achieved between energy costs (inputs) and gains. Nothing is made or moved without an energy surplus, and it is the EROI of available energy sources more than any other single factor that determines the shape of civilization.

Nearly all politics and economics assume that policy and market forces are the levers upon which future outcomes will hinge. However, this book presents many examples of historical and current events that can be explained much more clearly from an energetic perspective. In addition, a future scenario is developed that gives a central place to EROI in assessing the potential of governmental and private initiatives to substitute so-called renewable energy sources for diminishing stocks of fossil fuels. When cheap fossil fuels are no longer available in the abundance needed to mask economic problems and power business as usual, it will be EROI more than the plethora of “green” technologies that creates the boundary conditions for a sustainable future.

ISBN-10: 3319147820

DIANE M. KEUHN (ASSOCIATE PROFESSOR AND GRADUATE PROGRAM COORDINATOR, ESF DEPT. OF FOREST AND NATURAL RESOURCES MANAGEMENT)

Gluten-Free One-Mix Baking

A comprehensive, creative guide to gluten-free, one-mix baking, complete with nutrition analysis for the dozens of gluten-free, one-mix baking, complete with nutrition analysis for the dozens of gluten-free recipes packed with nutritious flours rather than just rice flour, sugar, and starch? Frustrated with gluten-free cookbooks that use multiple flour mixtures rather than just one easy-to-make mix? Need to adapt your recipes for multiple food allergies/intolerances and/or a vegan diet? Look no further for tasty recipes for breakfast treats, breads, cakes, pies, cookies, pizza, toast, and yeast dessert toppings. All recipes are free of gluten, dairy, soy, and peanuts. Directions for using healthy sweeteners to reduce sugar content; for removing other allergens such as corn, eggs, and tree nuts; and for making your own egg substitutes, nut milks, and rice milks are included. Adapting the recipes for histamine and salicylate intolerances is also discussed. A table for converting measurements to metric is included. Enjoy baking—and eating—again!

ISBN-10: 978-1947373990

CAREY MERRITT ’82

Process Steam Systems: A Practical Guide for Operators, Maintainers, and Designers

Comprehensively describes the equipment used in process steam systems, good operational and maintenance practices, and techniques used to troubleshoot system problems

• Explains how an entire steam system should be properly designed, operated and maintained.

• Includes chapters on commissioning and troubleshooting various process systems and problems.

• Presents basic thermodynamics and heat transfer principles as they apply to good process steam system design.

• Covers Steam System Efficiency Upgrades; useful for operations and maintenance personnel responsible for modifying their systems.

ISBN-10: 118877187

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ISBN-10: 118877187
Central New York Alumni Dinner
Thursday, April 25
SONNENBERG GARDENS & NEW YORK KITCHEN
CANANDAIGUA, NY

While we are still finalizing the details for our annual Central New York Alumni Dinner, we wanted to make sure that you save the date for this special event! This year’s date is Thursday, April 25th and we will be hosting our event in the scenic Finger Lakes Region…Canandaigua, NY.

We will be offering behind-the-scenes “interactive” tours at Sonnenberg Gardens. Led by ESF Greenhouse Manager Terry Ettinger and Sonnenberg Gardens Executive Director David Hutchings, the tours are sure to be both interesting and entertaining.

Later that evening, join other ESF alumni for cocktails and dinner at New York Kitchen (formerly known as the Canandaigua Food & Wine Institute). We’ll have a “chef’s demo,” the recipients of the 2019 Alumni Memorial Scholarships will be honored, and Interim President Dr. David Amberg will deliver a College update.

Registration materials will be available in February. Space is limited, especially for the Sonnenberg Gardens tours, so be sure to make your reservation as early as possible!

26th Annual ESF Golf Tournament
Thursday, August 8
POMPEY CLUB
JAMESVILLE, NY

Come out and join us for all three! The date and location have been set for the 2019 ESF Golf Tournament to sponsor student scholarships and we are very excited about our new location! So get into the swing of things and mark your calendars for August 8, 2019 when the Alumni Association will host the 26th Annual ESF Golf Tournament at the Pompey Club in Jamesville, NY.

The Pompey Club is a championship course offering challenging play with stunning views of the surrounding Butternut Creek Valley. Whether you are a par golfer or just enjoy spending time with friends chasing after a little white ball, our Captain and Crew format will keep the course play challenging and entertaining for all skill levels.

A special “thank you” to all of the sponsors and golfers who help to make this golf tournament so successful each year. Because of your generosity, we have been able to give financial assistance to many deserving ESF students completing their education. We look forward to welcoming new golfers and sponsors as well as seeing our loyal supporters out on the links in August. It should be another great tournament!

ESF Annual Fund
Want to join us?
Raise your hand!

10,000 alumni already support the ESF Annual Fund and you can join them today.

Make your gift at www.esf.edu/afgifts

Sun, Fun and Scholarships

Your gift every year makes a difference every day.

The Career Services Office Announces: The Spring Environmental Career Fair!
Wednesday, February 27, 2019
SUNY ESF’s Gateway Center ■ 10:30am-2pm

This is a special opportunity, on the ESF campus, to gather employer information, develop networks, meet employers from a variety of sectors including: corporate, environmental and not-for-profit organizations as well as to search for permanent jobs, summer jobs and internship possibilities.

For additional information on the attending organizations, visit: www.esf.edu/environmental-career-fair.htm

Office of Student Affairs ■ Career Services Office
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careers@esf.edu ■ 315.477.6900