Digging for trouble?
Savannah harbor deepening spurs impact studies

Distinguished Alumnus: Claude Yearwood
Matt Owens: Alumni on the Job
On my first day of work at The University of Georgia in January 1986, I walked into the Office of the Dean in the School of Forest Resources to let Dean Leon Hargreaves know that I was reporting for work. At the start of this year, I walked through that same door into an office where I now work as Interim Dean of the Daniel B. Warnell School of Forestry and Natural Resources. Those are two moments that I will never forget. Obviously, some things — like our school name — have changed, but the most important things never will.

Great academic programs have always been primarily about serving people — those whom they educate, those whom they inform and help apply information, and those whom they employ. That will never change.

We have outstanding faculty in the Warnell School, and we are working to find a few more. We are in the final stages of a search to fill our last recent vacancy in forest biometrics and we are initiating a search to fill a vacancy in natural resources recreation and tourism that is our next top priority. Other searches will be started later this year. We need to get back to full strength as soon as possible to better serve our students and stakeholders while fully exploiting the research opportunities that are in front of us.

We have just hired Bridget Harden as our Director of Development so that we can keep our external funding stream strong. Outstanding programs almost always do a much better job of leveraging public funds with private ones. Our loyal and generous alumni and supporters have helped make us an outstanding program with their private support.

Our students have always been my primary motivation to come to work each day. Our students just posted top three finishes at both the wildlife conclave and the forestry conclave over spring break. Our job markets — especially in forestry, but other majors as well — have become very strong. If you are not here on campus early in the academic year to interview students for your internships, you should re-evaluate your calendar. You'll have a larger pool to select from if you come early.

Partners have always been critical and a longstanding one has been the College of Agricultural and Environmental Sciences. Together we are launching a revised Advancing Georgia Leaders in Agriculture and Forestry leadership program. Please consider nominating promising young leaders in your organizations for this excellent program.

Without question, the transition issue foremost on the minds of the Warnell community as you receive this concerns the dean search. An article in this issue gives details on the members of the search committee and the status of the search process. Please be a participant in that process, whatever your perspective and opinion.

In our next issue you will meet our new permanent dean. I have enjoyed having the honor of covering the position in the interim. Go Dawgs.

Dale Greene, Interim Dean, Warnell School of Forestry and Natural Resources

Transition offers opportunity for growth

Now Accepting Nominations for Alumni Steering Committee, Young Alumnus Award & Distinguished Alumnus Award

If you would like to nominate an alumnus for the Steering Committee, visit our website, download and then return your submission form. Young Alumnus nominees must have graduated from Warnell within the past 10 years and be under 40 years old. All nominations are due by Aug. 15.

If you would like to nominate an alumnus for one of the Distinguished Alumnus awards, please send your letter of nomination to:

Emily Saunders
Warnell School of Forestry & Natural Resources
University of Georgia
Athens, GA 30602

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Dale Greene, Interim Dean, Warnell School of Forestry and Natural Resources

A Message from the Dean

Want Warnell Club Gear?

Talk to Emily Saunders (706) 842-1465
ESAUNDER@uga.edu
For more info

Dale Greene, Interim Dean, Warnell School of Forestry and Natural Resources
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Karen Sughrue, Betsy Kurimo-Beechuk, and Brigette Haram try to spot birds before dawn in the Savannah National Wildlife Refuge. They are part of a team looking into the effects the harbor deepening will have on local wildlife. Photo by Sandi Martin.

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How are we doing?
We welcome letters to the editor and feedback from our readers. Submit news items, questions or address changes to:
thelog@warnell.uga.edu

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Warnell on the Web:
www.warnell.uga.edu

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On the cover:
Peter Dimmick pulls on a net to sample fish and other aquatic animals in the Savannah River. Dimmick is part of a team researching the effects the deepening of the Savannah harbor will have on the environment. Photo by Andrew Davis Tucker/UGA.

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Contributing Writer
Emily Saunders
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WARNELL SCHOOL OF FORESTRY
AND NATURAL RESOURCES
ADMINISTRATION
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Pete Berriege, Interim Associate Dean of Academic Affairs
Mike Mengak, Associate Dean for Outreach
Scott Merkle, Associate Dean for Research
Bridget Harden, Director of Development
Emily Saunders, Director of Alumni Relations
Bob Tulas, Director of the Center for Forest Business
Amuj Sinha, Director of Finance and Administration
Mike Hunter, Lands and Facilities Director
Warnell hosts evolving Boy Scouts Advance-a-Rama

The Boy Scouts are changing with the times, and the Warnell School is helping the organization’s Cherokee District keep up. The Spring 2015 Advance-a-Rama was held this past March, hosted once again by the Cherokee District and Warnell, the 14th time the biannual event took place at UGA.

Although it used to have a heavy Warnell focus, the Advance-a-Rama has been attracting more diverse UGA programs as participants, said Jim Sweeney, Warnell’s now-retired associate dean and current chair of the Cherokee District, which encompasses nine counties in the Northeast Georgia Council. “We’re really reaching out and incorporating at least half a dozen units on campus now,” Sweeney said. The spring event offered Boy Scouts the opportunity to earn badges in a number of categories, with faculty or students teaching sessions in Veterinary Medicine, Pharmacy, Arts and Sciences, Ecology, Agricultural and Environmental Sciences, and the two ROTC programs — Army and Air Force.

Previously held at the U.S. Navy Supply Corps School in Savannah from Jan. 29 to Feb. 1, held at the Hyatt Regency on the Savannah River, the event focused on topics related to fisheries and aquaculture management in the southeastern United States and hosted technical workshops on issues like electrofishing and using “R” for statistical data analysis. It also offered professional development opportunities, including a “Getting Hired” seminar and tips on using social media as an outreach tool. Warnell students presented senior and graduate research projects at the conference, including Rachel Guy, Derek Bahr, Matthew Urich, Andrew Marbury and Adam Fox.

For the first time at the meeting, Warnell hosted a UGA Alumni Reception and had more than 40 UGA alumni, faculty and students in attendance. An additional contributor to this year’s Reception and had more than 40 UGA alumni, faculty and students in attendance. An additional contributor to this year’s conference was the conference artwork by Warnell staff member and alumna Ami Flowers.

Warnell encourages students to network with professionals in their fields, helping them build a foundation for their careers. Sweeney said that Warnell alumni were well represented in the conference, with alumni seen in faculty and student roles.

Roundtable celebrates 30th anniversary with record crowd

Ronald Reagan was president the first time Warnell held Roundtable. Four presidents later, and the annual career and networking gathering celebrated its 30th anniversary by growing so large Flinchum’s Phoenix practically overflowed. Around 200 professionals, faculty and students attended Roundtable this past February, the largest crowd ever.

Roundtable focuses on connecting natural resources professionals with students eager to learn about future career development and job opportunities in the industry. “Our students appreciate meeting with professionals in a low-stress, non-intimidating atmosphere,” said Ami Flowers, student and career services coordinator. “And our visiting professionals benefit from the opportunity to meet new talent here at Warnell.”

Warnell women dish on life after graduation

Some were entrepreneurs. Others worked for federal agencies. One was a stay-at-home mom. But each of the six women who lined up before a room full of faculty and students have led unique lives, experienced different challenges, and could speak about what life is like after graduating from Warnell.

The Warnell School held the first-ever “Women of Warnell” seminar in January, and the panel sparked a lively discussion about what it means to be a woman in natural resources. Tina Brunjes (BSFR ’95, MS ’98), Erin Lincoln (BSFR ’03), Nevena Martin (BSFR ’05), MS ’08, Sharon Holbrooks (BSFR ’94, MS ’97), Tiffanie Starr (MFR ’03) and Amanda Wood (BSFR ’95) led the panel, which can be watched on Warnell’s website in the seminars section. The discussion touched on gender discrimination, balancing work with family, and appropriateness in the workplace.
You were recently named di-
rector of the Center for In-
tegrative Conservation Research (CICR). How does this role tie in with Warnell? CICR engages in research and teaching on conservation and sustainability. We promote an in-
tegrative approach that utilizes insights and methodologies from across the social and natural sciences. Achieving this mission involves extensive coordi-
nation among researchers to address increasingly complex and pressing environmental challenges. My role is to lead the development and expansion of the CICR’s research and educational initiatives.

You’ve got a passion for grad-
uate education and mentoring. Why this inspiration? While I have enjoyed most of my roles as a faculty member at Warnell, I am most passionate about being a graduate stu-
dent mentor and senior thesis advisor. Student involvement in research and teaching support is what makes Warnell so great. Too often we hear stories about difficult graduate training experiences, which breaks my heart, because of our area of work is so important and rewarding. A positive mentoring experience can enhance trust, quality of work, facilitate a strong professional network, and have lasting effects on the students’ future success.

Your research has covered a wide variety of species and geographic locations. Do you have a favorite place or species to work on? Both my master’s and Ph.D. are aquatic ecology-related, but I was hired at Warnell to work across dis-
ciplines and bring spatial analysis tools to many different natural resource man-
gement challenges. I enjoy the diversi-
ty of systems and species I work with, and GIS is such an incredibly valuable tool to address natural resource man-
gement problems. It also has given me the opportunity to work with some of the best scientists and most dedicated practitioners in their fields. GIS has been a great tool over the last decade or so in changing and enhancing natu-
ral resource management, but has also allowed me to create a niche for myself that I truly enjoy.

You developed a version of your spatial analysis course (GIS for Natural Resources) to be taught as a study abroad course in Costa Rica. How does that enhance the students’ experience? When I first arrived at UGA in 2005, the director of UGA Costa Rica asked if I would help put together a GIS lab for the campus near Monteverde, which is an ideal land-
scape for instruction. Many of today’s challenging conservation and manage-
ment problems exist there in a compact space, like ecotourism pressures on conservation lands, or tradeoffs between the benefits of forests and those of small farms and agricultural oper-
a­tions that provide coffee, sugar cane, and pineapple to the country and the world. Students in this course are able to choose from a wide variety of prob-
lems to learn how spatial relationships and computer mapping are important to understanding, communicating and solving these problems.

What are you most looking for-
ward to in your next few years at Warnell? I really just hope to con-
tinue to try and be the best mentor and collaborator that I can be. I must look forward to watching students grow and experience success, and to cultivating productive collaborations that hope-
fully can lead to innovative ways we can be increasingly better stewards of the amazing natural resources around us.

The Warnell School won’t be without a perma-
nent Dean for long. UGA Senior Vice President for Academic Affairs and Provost Pamela Whitten quickly appointed a committee to launch a nation-
al search to fill the open position, and will inter-
view candidates in April. Provost Whitten hopes to hire someone in time for 2015’s fall semester, said College of Agricultural and Environmental Sciences Dean Scott Angle, who is chairing the search committee.

“What the Warnell School of Forestry and Natural Resources is one of the best in the U.S.,” Angle said. “We are looking for a leader that embodies the heritage of the state, industry and school, and is a creative and energetic leader. Many changes in forestry and natural resources are occurring as we speak, and the next leader of the school must de-
velop and lead a vision for the school to support those changes. The search committee is working hard to find that person.”

At the time The Log went to press, the search com-
mittee had named four final candidates for in-
depth interviews. Dr. Mike Clutter stepped down in early January to take the position of vice presi-
dent and director of research and investment strat-
egy with Forest Investment Associates in Atlanta.

Dr. Dale Greene, a longtime forestry professor at Warnell, had been serving as the interim associate dean of academic affairs. He was asked to lead the school until a permanent replacement is hired, ap-
pointing Dr. Pete Bettinger to head up academic affairs in the interim. Dr. Robert Bringolf replaced Bettinger as graduate coordinator. “Pete has taught extensively in our school and has received awards for his teaching, while Robert has extensive expe-
rience with graduate students and in teaching as well,” Greene said. “They are both doing an out-
standing job during this transition period, as I knew they would.”

The search committee also includes:

• Brianne Brown, a senior natural resources recreation and tourism major and student ambassador
• Robert Cooper, professor of wildlife ecolo-
gy and biometrics
• Joe Dahlen, assistant professor of wood quality
• Dan Forster, a Warnell alumnus and di-
rector of the Wildlife Resources Division of the Georgia Department of Natural Resources
• Gary T. Green, associate professor of natural resources recreation and tourism
• Sofia Hernandez, associate professor of wildlife disease in Warnell with a joint appointment in the College of Veterinary Medicine
• Cecil Jennings, head of the Georgia Cooperative Fish and Wildlife Research Unit and adjunct professor
• Michael Kane, professor of quantitative silviculture
• Wesley Langdale, a UGA alumnus and president of The Langdale Company
• Daniel Markewitz, professor of soil site productivity
• Nate Nibbelink, associate professor of geographic information systems/spatial ecology
• Morgan Nolan, Warnell’s technology director
• Miles A. “Andy” Stone, a Warnell alumnus and president of Superior Pine Products
• C.J. Tsai, professor of forest biotechnology in Warnell with a joint appointment in the Franklin College of Arts and Sciences

In addition to meeting with key UGA personnel and the search committee, candidates for the dean position will also have sessions with Warnell fac-
ulty, staff and students, and present a seminar to the campus community. Details can be found at warnell.uga.edu.
2015 Timberland Investment Conference highlights
30 years of service

The Langdale Center for Forest Business’s 2015 Timberland Investment Conference examined the vast changes that have occurred in the timberland investing landscape over the last few decades including the tremendous expansion of private investment and land ownership shifts of roughly 40 million acres. The UGA 2015 Timberland Investment conference celebrated 30 years of the Center for Forest Business’s hosting of these events. The first timberland investment conference held in Atlanta in 1985 was hosted and planned by current Professor Tom Harris and former Professor Fred Cabbage. Several of the original attendees were also at the 2015 Conference.

The focus was on industry accomplishments and challenges. Former faculty members Dr. Jon Caulfield, Dr. Mike Clutter and Dr. Chris Zinkhan were presenters.

The conference was held at the Ritz-Carlton on Amelia Island, Florida, from Feb. 18 to Feb. 20. Key presentations were a 15-year outlook discussion hosted by Clutter and a panel that examined timberland and timberland markets led by Harris and Dr. Jacek Siry and Adjunct Professors Jon Caulfield and Jack Lutz. Other featured presentations included a look at the economic landscape, changes in the market, regulatory issues, legal concerns and a debt panel. Ten of the 46 speakers at the conference were chief executive officers of high-profile companies instrumental in timberland investments. The audience also included numerous CEOs, CFOs, CIOs, senior managers and investment officers throughout a broad spectrum of the industry. Twenty-four Langdale Center graduate students helped with conference administration and were able to attend. The Center’s next Timberland Investment Conference will be March 1-3, 2017.

Warnell’s Jacek Siry, Pete Bettinger, Krista Merry and Chris Ciesielski have co-authored a new book, Forest Plans of North America, which presents case studies of contemporary forest management developed in the U.S., Canada and Mexico. The book provides excellent real-life examples of contemporary forest planning processes, the various methods used, and the diversity of objectives and constraints faced by forest owners.

Dr. Doug Peterson will use a nearly $500,000 grant from the National Marine Fisheries Service in partnership with the Georgia Department of Natural Resources to determine how well Atlantic sturgeon are reproducing in Georgia rivers two years after the species was listed as endangered.

Warnell alumni Earl Bats (BSFR ’74), Mike Clutter (MFR ’83, PhD ’93) and Forest Kellogg (BSF ’62, MS ’65, PhD ’69) chat during the conference.

Dr. Sarah Covert has been named the University of Georgia’s first associate vice president for faculty affairs. She will report directly to Senior Vice President for Academic Affairs and Provost Pamala Whitten and will work closely with deans, department heads and other administrators on matters related to faculty personnel.

Dr. Robert Warren recently won The Wildlife Society’s 2014 Aldo Leopold Memorial Award, which recognizes distinguished service to wildlife conservation. He, Wildlife Society chooses winners of the Aldo Leopold Memorial Award based on contributions to the wildlife field.

Dr. Gary Grossmann is using a nearly $500,000 grant from the North Pacific Research Board to study Chinook salmon in Alaska, where populations of the fish have been in decline for more than a decade. Grossmann’s work will focus on rivers in the Arctic-Yukon-Kuskokwim drainage, which encompasses more than 40 percent of the land in Alaska and where the salmon is in heavy decline.

A U.S. Forest Service training video featuring Dr. Karl Miller won a bronze medal at the 36th annual Telly Awards. “Avoiding Wildlife-Vehicle Collisions” teaches Forest Service employees why deer and other large wildlife stop in front of moving vehicles, with tips on how to avoid collisions.

Dr. Scott Merkle and his team have successfully cryogenically frozen germplasm from hemlock trees being wiped out across the eastern U.S. by an invasive insect. They’ve also unlocked a new way to clone the few hemlock trees apparently fighting off the hemlock woolly adelgid, which could potentially lead to a solution for the pest. They are the first to successfully do so.

Two Warnell School professors recently won awards from the Southeastern Society of American Foresters, which recognized them for their service to forestry education and research. Dr. David Dickens was awarded the Public Education/Technology Transfer Award, and Dr. Michael Kane received the Research and Development Award.

In a project led by Dr. Susan Wilde, University of Georgia researchers have formally identified and named a toxic cyanobacteria that has been killing American bald eagles across the Southeast. In a paper published recently in Phytotaxa, they named the previously undiscovered species Aetokthonos hydrillicola and lay out evidence that it is responsible for the eagle deaths from an affliction called Avian Vacuolar Myelinopathy.

Dr. Kris Irwin is one of two UGA faculty members to receive a 2015 Service-Learning Teaching Excellence Awards, which recognizes faculty who have developed innovative academic service-learning courses that integrate relevant community service with academic coursework to enhance student learning, develop civic responsibility, and address community needs.

Dr. Dale Greene and Shawn Baker were recently recognized by the Forest Resources Association’s Southeastern Region with its Second Place Technical Writing Award for 2015. This annual Award recognizes the best serial publications from FRAs quarterly magazine, the Forest Operations Review.

Staff members honored at Homecoming

Three staff members were honored at 2014’s Homecoming festivities with the Alumni Staff Awards, given each year to the three workers who have shown dedicated service and commitment to the school. Technology Director Morgan Nolan, Senior Accountant Amber Chastain Mallory and Administrative Specialist Joyce Black work behind the scenes to fulfill Warnell’s program mission.

Nolan has worked for Warnell for 15 years and says it is a “shell to be recognized by my coworkers. I get to work at the best place on campus, and I love helping colleagues with their own woodworking projects.” Mallory has been senior accountant for just seven months, but has been with Warnell for eight years. She applied to Warnell originally at the behest of husband, Joshua (BSFR ’07). “I just want to say thank you to everyone,” she said. “Warnell is a great school to work for.” Black has been here just over 14 years, and she is known for nurturing squirrels, even bringing them to the office to care for. “It totally surprised me to be awarded this honor for the second time,” Black said. “It is truly humbling.”

Nolan’s words of gratitude, “It is a great school to work for and I love being recognized by my coworkers,” are an example of the dedication that comes from the Warnell community that fosters service-learning excellence.
New director of development: a familiar face to Warnell

The Warnell School has a new development director, and she might look a little familiar. Bridget Harden, who was the face of Warnell’s alumni relations department from 2003 to 2009, is back – this time to head up the school’s fundraising efforts. And she is thrilled to be reconnecting with old friends.

“Warnell is a special community,” Harden said. “It has that small, family-like atmosphere in a large university setting. And I am looking forward to rejoining that family!”

When Harden left Warnell in 2009, her background had mostly focused on alumni relations. After taking over as Warnell’s alumni director in 2007, she was the one who organized school events like Homecoming and regional meetups, while overseeing annual giving efforts. But then she moved over to UGA’s Office of Donor Relations and Stewardship, where as a stewardship coordinator she focused on showing how scholarships made possible from donations impacts UGA students. She also started UGA’s now annual “Thank a Donor Day,” where students recognize those who provide support for the university’s diverse research and educational programs. In 2014, she joined UGA’s College of Veterinary Medicine’s development team. As their assistant director of development, Harden was instrumental in recognizing the donors who made possible the new $98 million Veterinary Medical Center, which recently opened in Athens.

It is vital that donors know they are appreciated for their support, Harden said. Without the generosity of donors, UGA’s programs would suffer, particularly because UGA can no longer rely on the same level of help from the state each year.

“State funding for the university continues to decline, and we need private funding now more than ever to support our needs,” Harden said. “We only receive about 27 percent funding from the state, and that number will more than likely continue to decline.”

Already settling in at Warnell, Harden said her first priority will be reaching out to existing supporters. Warnell has been without a permanent development director for several years, so it will be important to make those relationships with alumni and donors flourish, she said, and match supporters with their passions.

Harden won’t have to slowly ease into her new role at Warnell. She’s eager to pick up where she left off, starting by reconnecting with the alumni and friends she had such strong relationships with before.

“We have so many supporters who want to help as remain one of the top forestry and natural resource programs in the country,” Harden said. “They understand that an investment in Warnell translates into an investment not only in educational excellence, but also the future of forestry and our natural resources.”

NAME
Bridget Harden

TITLE
Director of Development

EDUCATION
BA ‘94, UGA
Dawgs dominate at wildlife, forestry conclaves

It’s not just the blooming of flowers that ushers in spring each year — hard-won Georgia victories at the wildlife and forestry conclaves also seem to herald a sign of more pleasant weather this time each year.

The UGA Student Chapter of The Wildlife Society and Warnell’s Timberdawgs once again continued the tradition of taking high honors at their respective conclaves in March.

The wildlifers continued to score with this year’s Southeastern Wildlife Conclave, hosted by Virginia Tech, placing second overall, first place in Quiz Bowl, and second place in the Team Field Competition. The quiz bowl team had a dominant performance, winning their five matches to take the championship by a combined point score of 820 to 230. “All of the students were great competitors, but more importantly represented the University of Georgia as professionals,” said Dr. Steven Castleberry, the faculty adviser. “Their success at conclave reflects everything great about Warnell’s students, faculty and staff.”

The Timberdawgs also put up a fight at the 58th annual Southern Forestry Conclave, held at Mississippi State this year. They missed second place to Clemson University by just one point, taking third place instead. But the UGA Forestry Club made Warnell proud, with high honors in individual competitions. “I’m very proud of our students’ performance, sportsmanship and behavior,” said Dr. Richard Daniels, faculty sponsor. “Of course I’m biased, but our students were the most professional of any there.”

The Wildlife Society Student Chapter

Overall – 2nd Place
Quiz Bowl – 1st Place: Vic Anderson, Sarah Porter, Crew Mayne, Dalton Brown, and Matt Phillips
Canoeing – 1st Place: Blake Padgett and Christian Harris
Painting – 1st Place: Cheyenne Whitetree
Team Field Competition – 2nd Place
Fly casting – 2nd Place: Matt Phillips
Unmanipulated phy – 2nd Place: Sara Porter

UGA Forestry Club

Overall – 3rd Place
Log Birl – 1st Place: Sam Varn
Knife Throw – 1st Place: Phil Rapillard
Dendro – 1st Place: Matthew Mrizek
Women’s Bow Saw – 2nd Place: Kendra Wiard
Women’s Cross Cut – 2nd Place: Tyler Lipham and Kendra Wiard
Jack and Jill Cross Cut – 3rd Place: Tyler Lipham and Shane Matthews
Pole Climb – 3rd Place: Shane Matthews
Wood ID – 3rd Place: Matthew Mrizek
Brianne Brown

Some people might think Brianne Brown is just really indecisive. The Warnell senior, after all, has changed her major five times while attending UGA. Before deciding on natural resources recreation and tourism, Brown tried out chemistry, then social work. Then chemistry again, before giving cognitive science a shot. That didn’t work out either, so she switched to communications science and disorders. She can look back and laugh now, but at the time Brown didn’t find it funny. “I had a quarter-life crisis because I just knew that nothing would suit me career-wise,” she said. “UGA has what, 116 majors? Try going through most of those and realizing nothing would suit me career-wise.”

It’s not that Brown was indecisive. She just hadn’t found Warnell yet.

That all changed one day when she spotted a flyer about Warnell on a bulletin board. A naturally outdoorsy person, Brown never really looked at the courses UGA offers on natural resources. “I always loved nature, but I didn’t think I could have a career in that,” she knows now. After switching to Warnell, setting her graduation date back a year, Brown had finally found her place. “On one hand, graduating early sounded great, but I just couldn’t see myself sticking with that communications sciences career,” she said. “The thought of being in that field for the rest of my life sounded pretty daunting.”

She wanted something that would make her happy. “I figured that one year is nothing compared to a lifetime of regret.”

Feeling the pressure from her family’s and her own expectations, that one year is nothing compared to a lifetime of regret.

She wanted something that would make her happy. “I figured that one year is nothing compared to a lifetime of regret.”

Graduating in May, Brown is now trying to decide what to do once she leaves. Ultimately she would like to work for a federal agency as a natural resource manager, or in a throwback to her childhood as an Air Force brat, help manage military lands. Getting her master’s degree would be great, she said, but finances might be tough. So she’s still thinking about what she wants to do.

It’s not that she’s indecisive — she just wants to make the right choice.

Ryan Sparks

E ven now, Ryan Sparks misses the woods he made his childhood playground. As a small child, his family lived in rural Wilkes County in North Carolina on land his grandfather owned in the foothills of the Blue Ridge Mountains.

If he wasn’t in the house, he said, his parents would “find me in the woods with my boombox and my little hatchet.”

When he was in second grade, his family moved to Raleigh and Sparks found himself living in one of many townhomes with few trees. One day he took his hatchet to one, which did not go unnoticed by the property manager. “Looking back on it now,” he said, “it is like I was born into this rural setting that gave me this selfish, exploitative mindset towards the trees in my backyard.

Now 32, Sparks feels a bit of sorrow that after they moved, his grandfather sold that land and those woods were quickly logged. “That forest wasn’t just dollar signs to me,” Sparks said. “That was where I made my first fort.”

But his experience helped inspire his future career. Earning both his philosophy of land ethics states ‘conservation is a state of harmony between man and land’ and that we must ‘quit thinking about decent land use as solely an economic problem.’ I believe strongly in these ideas.

Engaged to Jessica Dorn with their 5-year-old daughter, Gracie, Sparks hopes to continue to help others through his work, like his creation of a nonprofit forestry development plan and his proposal to develop an Invasive Weed Management Cooperative. Right now he updates www.timbertax.org, which allows him to help landowners navigate timber tax policy. “Aldo Leopold and his philosophy of land ethics states ‘conservation is a state of harmony between man and land’ and that we must ‘quit thinking about decent land use as solely an economic problem,’ I believe strongly in these ideas.”

Sparks, who earned his bachelor’s degree from Western Carolina University, worked for Forest Stewards, a forestry nonprofit in North Carolina, and then AmeriCorps Project Conserve.

Those jobs, he said, inspired him to continue his work helping landowners. At AmeriCorps, he said, “we made lasting positive impacts in communities across western North Carolina that went beyond conservation. We restored community centers, built community gardens, weatherized low-income homes. When you actually shake hands with and see the smiling faces of the people you have helped, you can’t help but feel inspired to go out and do more.”

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Engaged to Jessica Dorn with their 5-year-old daughter, Gracie, Sparks hopes to continue to help others through his work, like his creation of a nonprofit forestry development plan and his proposal to develop an Invasive Weed Management Cooperative. Right now he updates www.timbertax.org, which allows him to help landowners navigate timber tax policy. “Aldo Leopold and his philosophy of land ethics states ‘conservation is a state of harmony between man and land’ and that we must ‘quit thinking about decent land use as solely an economic problem.’ I believe strongly in these ideas.”

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Warnell launches new study on coyotes
in Georgia, Alabama and South Carolina

When news broke in January that researchers at the University of Georgia would be trapping coyotes across the Southeast as part of a large, multi-agency study, people immediately started calling and emailing. They wanted to know how they could help out.

“Coyotes generate a lot of interest”, said Dr. Karl V. Miller, one of the researchers working on the project. "Following their expansion into the Southeast, there have been many questions posed as to what kind of effect they’re having on local wildlife, especially white-tailed deer. Our previous studies have indicated that their impact on fawn recruitment can be variable, and we need to understand how coyotes distribute themselves over broad geographic areas.”

The study has a simple goal: figure out how coyotes are distributing their territories across the landscape and what factors may influence this distribution. Michael Chamberlain, the principal investigator on the study, along with Warnell researchers Miller, Joseph Hinton and William Gulsby contracted with professional trappers to capture and place GPS transmitters on coyotes in Alabama, Georgia and South Carolina in January and February. Trapping will also occur in January and February of 2016, and researchers hope to eventually capture and collar around 160 coyotes. The collars will report on the coyotes’ movements for up to two years.

In addition to collaring, DNA samples are taken from each coyote for subsequent genetic analysis. These data will provide insight on the relatedness of coyotes among the three states, as well as those states in other parts of the coyote’s range. “This information will likely help fill in some of the gaps in our knowledge of the coyote range expansion into the Southeast,” Chamberlain said.

The study is a collaborative effort among Warnell, Princeton University, the Georgia Department of Natural Resources’ Wildlife Resources Division, South Carolina Department of Natural Resources and the Alabama Department of Conservation and Natural Resources.

Although researchers are already aware that coyotes select areas based on certain habitat features and availability of prey, most previous work was conducted on relatively small study areas.

“Because of this, we have yet to observe the full range of variation in space use by coyotes in the Southeast,” said Gulsby. The tri-state study will hopefully answer questions about those decisions coyotes make when selecting territories. “If we have the ability to determine where coyotes prefer to establish and defend territories,” Gulsby said, “then we can then identify areas where coyotes are likely to have greater impacts on wildlife species they prey upon.”

Warnell researchers zeroing in on genes that control how trees react to stress

Warnell researchers think they know which genes in trees might control how they react to everything from extreme temperatures to disease. Now they’re using a new $490,000 grant to identify those genes and figure out how they work.

Identifying those stress-control genes and understanding their function could help us create trees that can resist the very things that can kill them, said Dr. C. J. Tsai, the lead researcher on the project.

Tsai, a Georgia Research Alliance eminent scholar and professor with joint appointments in Warnell and the department of genetics, has been working for years on ways to enhance tree growth and productivity. Specifically, she has focused on genes that control how trees react to stress — temperature, drought, and disease.

In the previous study, they identified many metabolites and genes that responded to increased salicylic acid. “It turned out that many of those genes and metabolites were also increased when wild type trees were grown under heat stress,” Tsai explained. “That’s when we realized that trees overproducing salicylic acid created an opportunity for identifying novel stress-mitigating genes. It’s like these trees have been ‘stress-primed’ by salicylic acid.”

In the new project, Tsai and fellow UGA researchers Scott Harding, Magdy Alabady and Liangjiao Xue will compare responses of trees to heat, drought and elevated levels of salicylic acid to identify genes that act downstream of salicylic acid to trigger defense. They will also study the involvement of small RNAs in this regulation. Unlike regular genes that code for proteins, small RNAs produced from non-coding genes are known to play important roles in defense in plants as well as in animals by regulating the expression of other genes. By integrating the information they can obtain about gene expression, metabolite profiling and small RNA regulation from these trees, they hope to identify novel cascades of cellular events that condition plant stress tolerance.
To travel or not to travel?
Warnell researcher look at tourism’s benefits amid rising greenhouse gas emissions

When people board a plane to jet off for their long-awaited exotic vacation, they think about where to stash their luggage and getting through airport security — but probably not how much greenhouse gas their trip will let loose. But climate change researchers are certainly concerned about it. New studies indicate that tourism is responsible for 14 percent of all greenhouse gas emissions around the world, and that number is predicted to grow 135 percent over the next 30 years.

It’s spurring debate on whether tourism should be restricted to minimize its carbon footprint. That might be good for the planet, said Dr. Bynum Boley, but it could be devastating for destinations that depend on tourism dollars for economic development and protection of the world’s most sensitive natural and cultural resources. “Statements calling for drastic reductions in travel need to be balanced with a discussion of the ramifications of traveling less on the sustainability of a destination’s triple bottom line,” Boley emphasized.

In a recent article published in the journal Tourism Planning and Development, Boley pitches a new model that would calculate whether travel has a net positive or negative impact. By taking traditional metrics of sustainable tourism — local economic benefits, environmental protection, and cultural heritage promotion — and incorporating them with the net amount of greenhouse gases tourists emitted, Boley says, it’ll help determine the overall impact of travel.

The proposed model would calculate tourists’ net environmental, sociocultural and economic benefits within the destination and then subtract the net difference in greenhouse gas emissions between tourists’ lifestyles at home and their trip. Including the greenhouse gas emitted during one’s daily life is important, Boley said, because “regardless of traveling or not traveling, humans daily emit greenhouse gases from things like heating and cooling of their residences, the local or imported food that they consume, and from the type of daily commute they have to work.”

With air travel expected to rapidly increase and possibly become the largest cause of greenhouse gas emissions if nothing is done, organizations like the United Nations World Tourism Organization and International Air Transport Association are calling for 25-30 percent drops in tourism greenhouse gas emissions by 2020, and 50 percent by 2050.

But cutting out air travel could destroy the economies of those destinations. Tourism is a $7 trillion global industry, provides 266 million jobs, and is a primary income source for 20 of the world’s 48 least-developed countries. It also subsidizes environmental protection and helps protect, conserve and value cultural resources that might otherwise be undervalued by the host community.

While restrictions on travel are unlikely, the main point of the model is to provide a more accurate picture of tourism impacts, Boley said. “The answer is not simply reducing travel so that greenhouse gas emissions will decline, but involves a complicated mixture of reducing those emissions while maximizing tourism’s benefits to a destination’s triple bottom line,” Boley wrote in his article.

Not so identical:
Loblolly clones react differently to drought, Warnell study finds

Not all clones are made equal. That’s what Warnell researchers discovered in a recent project, where they compared how three closely-related loblolly pine clones reacted under simulated drought conditions. Not only did they determine which commercially-produced clones did the best under high or low water conditions, but they also discovered that they can use a rare, stable isotope of carbon — Carbon 13 — to spot which trees will grow best under drought conditions.

“With climate change predicted to affect how much water loblolly pines will get in the future,” said Warnell Ph.D. student Miles Ingwers, “these were exciting discoveries. The frequency and severity of drought is likely to increase and we need to be prepared for it.”

Working with Drs. Robert Teskey and Mary Anne McGuire, and assisted by Warnell undergrad student Ridwan Bhuiyan, Ingwers is now analyzing data on the project. The clones were supplied by Arbogen, and the study was part of PINEMAP, the Pine Integrated Network: Education, Mitigation and Adaptation Project that is a large multi-state and multi-university project designed to increase productivity and carbon sequestration in loblolly plantations in the future.

In their experiment, the research team tested the clones under three different conditions. The seedlings got either lots or little water, or were treated to a repeating cycle of three weeks of drought then given more water. They then measured how the trees grew under these conditions as well as several physiological and genetic attributes including photosynthesis and genes associated with drought.

Recent research conducted in Teskey’s lab has shown that loblolly pines tolerate elevated carbon dioxide levels and high temperatures well, and they actually have higher growth under those conditions. But understanding how loblolly pine grows when water availability changes is important because that can negatively impact growth. One interesting finding from the drought study was that one clone did really well under high water conditions, but was the worst performer when exposed to drought. “This means that we may have opportunities in the future to match clones to specific sites to optimize productivity,” Teskey said.

Both Ingwers and Teskey are also very excited about a discovery they made about Carbon 13. Plants normally use Carbon 12 for photosynthesis, Ingwers said, but under stress they resort to using Carbon 13. If we can see how much Carbon 13 a plant is using, it’ll tell us how stressed they are, he explained. They found that the growth of the plants in this study was directly related to their Carbon 13 content, so their results can provide geneticists and Arbogen, who supplied the clones, with a way to efficiently select the best clones that will have the best growth. “This research is all about ensuring that loblolly pine plantations will grow well in the future even if the climate changes,” Ingwers said.

Illustration by Wade Newbury

(Left to right) Miles Ingwers, Mary Anne McGuire, Robert Teskey and (bottom) Ridwan Bhuiyan

Research News
It’s a chilly September morning, before dawn, when Dr. Susan Wilde and her team start setting traps in the Savannah National Wildlife Refuge. The plan is to catch birds in traps or nets, tag them, take some blood and then let them go. They might even catch the same birds again months from now to do follow up tests. But next time it won’t be at that same spot — that whole area will be underwater.

The deepening of Savannah’s harbor is going to cost $706 million, bring in larger ships than ever before, and hopefully boost Georgia’s economy. But it will also drastically alter the surrounding environment, from dumping cadmium-tainted soil and water into large impoundments along the Savannah River to changing the salinity in the Savannah River Estuary. Some critics say the deepening is essentially digging for environmental trouble.

Warnell researchers are hoping to find out if that’s true.

Deepening Savannah’s harbor could boost Georgia’s economy. But at what environmental cost? 

Photo by Andrew Davis Tucker/UGA

Story by SANDI MARTIN

The largest port in Georgia, the Port of Savannah is also the crown jewel for the Georgia Port Authority, which oversees the ocean gateways. And it’s about to get bigger.

After years of debates and even court challenges, workers are making Savannah’s harbor deeper to improve ship navigation and allow larger container ships with heavier cargos to sail right into the city without having to wait for the right tides. It’ll likely take at least four years before the deepening is done, but the project will ultimately add another five feet to the Savannah harbor and shipping channel floor, and when finished, extend the entrance channel another seven miles seaward.

Supporters say that deepening the harbor from 42 feet to 47 feet will boost the local and state economy and allow Savannah to compete with the newly expanded Panama Canal.

But opponents have always been concerned about the environmental effects of the deepening on the Savannah River and local wildlife. Talks began in 1999 about what is officially called the Savannah Harbor Expansion Project (SHEP), but plans were scuttled for years to allow for complex studies to be conducted on the environmental systems that would feel the effects of increasing the harbor’s depth. Not only did environmental groups object, but the state of South Carolina also legally challenged the project.

“Concerns about possible negative environmental effects to the estuarine ecosystem are valid,” said Dr. Cecil Jennings, who is leading a research team in the U.S. Geological Survey’s Cooperative Fish and Wildlife Research Unit. “Previous modifications to the river’s hydrology have had negative unintended consequences.”

(Story continues next page)
DIGGING UP TROUBLE?
SHEP work officially began in late January 2015, when the U.S. Army Corps of Engineers kicked things off by recovering the rusty CSS Georgia, an old Civil War ironclad, from the river floor. They’ve also hired Great Lakes Dredge and Dock Company from Illinois for $134.5 million to dredge the outer harbor, the first step for the 40-mile project. Right now, large ships have to wait until high tide to dock and then again to depart the port, which supporters argue affects efficiency and influences the type of ships the port can attract and accommodate. Others argue the improved shipping efficiency might not be worth the environmental cost.

In response to concerns, the project calls for mitigation concessions, including installing a dissolved oxygen system and a fish bypass upstream at the New Savannah Bluff Lock and Dam, and preserving 2,245 acres of freshwater wetlands for the Savannah National Wildlife Refuge.

And importantly, the Corps has ordered studies to determine the before and after effects of the deepening, calling on researchers like Wilde and Jennings to analyze how much the harbor project will affect aspects of the local environmental system. Their results could determine whether the Corps will then need to take extra steps to mitigate any damage.

Wilde’s team is focusing on birds. When the dredging begins, Corps-hired workers will have to put the soil they dig up in remote containment areas located in the Savannah River Estuary. But they already knew there might be a problem: tests have already confirmed that there are potentially high concentrations of naturally-occurring cadmium in the bottom of the river. And they’re going to dig it up and move it to what is essentially a mud-covered cadmium-tainted soil will be covered with water during the construction period so that the cadmium will be less available.

Wilde’s team started by capturing birds in the areas that will be affected by the dredge spoil, taking blood samples and then tagging each bird with USGS aluminum leg bands. That way they’ll know if they caught this bird before, allowing them to take another blood sample and compare the results to before and during the project. So far, they’ve been capturing Black-necked Stilts, Brown Thrashers, Mourning Doves, Northern Mockingbirds and Red-winged Blackbirds, among other species.

There is a plan if the cadmium levels seem too high. Once workers start dumping the cadmium-tainted soil in the containment areas, she said, the sediment will be tested and if the cadmium concentration exceeds 4 ppm over an area of 25 acres or more, then the plan is to place uncontaminated sediments on top.

“Most of the sediment in the Savannah River has cadmium concentrations that are below the threshold for any effects. Only a deep river known to have cadmium-laden soils will be covered with water during the construction period so that the cadmium will be less available.”

Jennings’ team began last year collecting samples of fish, crab and shrimp in seven locations along the Savannah River — in the Front, Middle and Back rivers — at various salinity ranges within the estuary. Once the expansion project is finished, they will go back and take more samples to compare the abundance, species richness and distribution patterns from before to see what’s different. Some fish can tolerate salt water better than others, Jennings said, but “they all have limits.” He predicts that some species are going to move farther upstream to get away from the increased saltwater levels, while some of the more salt-tolerant species will increase their range.

It’ll probably be bad news for freshwater recreational and commercial fish, he said, like Largemouth Bass and Catfish. And that’s before they look at the secondary effects on things like the plants that offer fish habitat that can’t simply move upstream to preferential salinities.

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A Sweet Homecoming: A game day win and campus party make 2014’s festivities a success

They knew they were taking a risk by upsetting tradition, but Warnell’s alumni staff scored a touchdown with 2014’s Homecoming festivities: Moving the game day feast from Flinchum’s Phoenix to UGA’s main campus was a rousing success.

Alumni had asked for a complete UGA experience when they return to Athens for Homecoming, so Warnell obliged them by planning game day festivities on campus and in proximity of the highly-anticipated Dawg Walk. The Friday night alumni dinner remained at Flinchum’s Phoenix, giving alumni a chance to reminisce and mingle with old friends and faculty.

The whole weekend was well planned, said Tommy Sasser (BSF ’70). “Moving the game day barbecue to campus was a hit,” Sasser said. “We had a very good diverse crowd of older and younger alumni with their family and friends. What could be any better than ‘tailgating’ on campus, outside of Warnell, with friends, family, and old classmates, with good food, and it being Homecoming game day at UGA? My only problem is that the friends we brought this past year had such a good time, they want to be invited back!”

“We set out to create a Homecoming experience that would appeal to everyone, and with the increase in attendance and your feedback, I can confidently say we succeeded!” Saunders said. “By moving the tailgate to campus, we hope to have sparked a new tradition that will continue into the future. Our returning alumni really enjoyed the influx of current students and their families, and it was so rewarding to see many young alumni return to campus — some for the first time since graduation. We are hopeful this change will inspire our current students to participate in Homecoming once they’ve earned their diplomas!”

The alumni page at warnell.uga.edu will be updated with more information about events, transportation, online registration, and football tickets. We do not yet know if football tickets will be available for purchase through Warnell, so keep checking back on our website for more details.

Thanks to our generous sponsors, the Young Alumni Committee raised a record amount of money from the Reid Parker Memorial Golf Tournament, which supports classroom technology upgrades and graduate assistantships. A special thank you goes to the children of Reid and Cynthia Parker, who made a matching donation.
Why did you choose Warnell?
I enjoyed seasonal work as a park ranger in Sequoia/Kings Canyon, and after teaching for a few years my wife suggested I look at getting back into the parks. I began graduate work at UGA in the recreation and leisure studies program, but transferred to natural resources recreation and tourism as soon as the program launched. Warnell was a good fit for my career goals, and I was able to complete course work in Director Kelley’s office, which was my introduction to the State Parks and Historic Sites Division.

Where have you worked?
At Amicalola Falls, Cloudland Canyon and Panola Mountain. Don Carter and now I support the North Georgia parks from the Region 1 office near Unicoi.

How have you stayed connected to Warnell?
Shortly after graduating, I managed a project with Drs. Gary Green, Mike Bowker, Stan Zarnoch and Ken Cordell developing a valid and reliable methodology to estimate use on the Appalachian Trail. Later, I worked with Dr. Neelam Poudyal hosting NRRT students at both Panola Mountain and Amicalola Falls. During those visits we presented an overview of DNR and Georgia State Parks, conducted a tour of the site and asked students to research and propose solutions to some of the more challenging issues we were dealing with. Those results were well received, and a number of their suggestions were implemented.

What is a day in the life like for a park ranger?
State parks are typically hundreds or thousands of acres in size, with a significant amount of infrastructure, buildings, trails and roads, so there are a lot of moving parts. It’s like a small city in the woods. When it’s nice outside the park is usually busy, so we are working with guests, checking in campers, conducting programs, answering questions and responding to problems such as car issues, medical incidents and lost persons. When it’s slow we have the opportunity to catch up on projects, maintenance needs, resource management efforts, reports and daily administrative work. We also attend training all over the state, which is a great way to see parts of Georgia we might never get to otherwise.

Beyond the obvious outdoor recreational opportunities, why are state parks valuable to Georgians?
The economic impact to the surrounding community is more significant than most people realize. For example, in Fiscal Year 2014 it is estimated that Ft. Mountain State Park contributed $10,141,611 to the economy and directly or indirectly supported 102 jobs. To some degree, every park has a similar impact. State parks typically highlight a beautiful place, area or event in Georgia, so having a park in the community or county is a point of pride and tourism draw.

What do you enjoy most about your job?
The people — the employees, volunteers, camp hosts and guests, and the environment we work in. The project work, such as building a campground or trail system, or developing a program, is also rewarding. And I’m grateful to have raised my girl in state parks.

What would you share with students interested in a career as a park ranger?
It’s more a lifestyle than a job, and you’ll have those “I can’t believe I’m getting paid for this” moments. But the outdoor image can be a bit romanticized. Well over 50 percent of what we do is administrative, such as managing the site budget, monitoring retail inventory and developing resource and business plans. Then there’s garbage to be pulled, cabins to be cleaned and grass to be cut, and we all pitch in to take care of the site. The schedule is untraditional and we work when everyone else plays, including on weekends and holidays. But, the people you are working with, and for, are a pretty great group. The environment you live in and work to protect is spectacular, and the career is one to be proud of.

Photos courtesy of Matt Owens
Claude Yearwood didn’t have much of a say in where he went to college. When the young forestry student first enrolled in what was then UGA’s George Foster Peabody School of Forestry, it wasn’t because he really wanted to be there — he was told to be.

“To be honest, my daddy grew up extremely poor with a big family, and he had a whole bunch of brothers and sisters to look after,” Yearwood said. “He didn’t get out of grammar school, so he was determined that I would go to college.”

The younger Yearwood didn’t really agree — he thought his family couldn’t afford to send him to Athens. But he was overruled. “Daddy made up his mind that I was going to the University of Georgia. That was pretty much the end of that story!”

Yearwood tells this story with a laugh. Decades after graduating with his bachelor’s degree, Yearwood is now enjoying a quiet retired life, spending time helping out around his church, traveling and working on the Lake Sinclair home where he and his wife vacation. He may have come to UGA against his will, but after a long, successful forestry career, Yearwood is one of Warnell’s most esteemed alumni.

His contributions to forestry and longtime support of Warnell earned Yearwood 2014’s Distinguished Alumnus Award. Yearwood received the honor at Homecoming festivities last year. “I have always felt blessed to graduate from the forestry school, work in forestry for so many years and deal with the many wonderful people in this profession,” Yearwood said. “To be given this honor by the school is truly ‘over the top’ for me.”

Inducted into the Georgia Foresters Hall of Fame in 2013, Yearwood retired earlier this year as manager of operations, chief operating officer and vice president of The Price Companies. His career has spanned decades in the private forestry industry, first as a consulting forester and land surveyor in central Georgia. He moved from there to other companies, increasing job responsibilities and leadership positions.

But he has also been active in the forestry community, having served as president of the Georgia Forestry Association, president of the UGA Warnell Alumni Association, chairman of the Warnell Steering Committee, Jayhole Club Big Jay Hook and treasurer of the Georgia Forestry Foundation. He has also been active in many leadership capacities in the Society of American Foresters, including Georgia division chair, Southeastern SAF chair and member of the National House of Society Delegates.

Yearwood said he now enjoys working with his church, Liberty United Methodist Church, where he is the trustee chairman. He has been instrumental in founding the Billy Lancaster Forestry Youth Camp for educating youth about natural resource management and continues to be one of the camp’s biggest fundraisers and promoters.

His love of forestry started “how everyone gets into forestry,” Yearwood joked. “I like the outdoors!” Born and raised in Macon, Ga., Yearwood, however, didn’t grow up in the woods. His father, Vic Yearwood, was a feed dealer and ran a small farm. “So I got farmed out to all the local farmers anytime they needed help,” Yearwood said. But how he ended up in forestry instead of agriculture, even Yearwood says is a bit of a mystery. “I just like being in the woods,” he laughed.

But as many foresters learn, he said, you go into forestry to be in the woods, “but it’s not too long before you can’t get outdoors!” That’s changing a bit since his retirement. He and his wife of 47 years, Cheryl, are spending some time enjoying themselves outside now. He has many fond memories of UGA, he said, particularly the professors like Reid Parker, Archie Patterson and Leon Hargreaves who ushered him through school. “They are very dear to me just thinking about them,” he said.
It's hard to believe, but Michael Westbrook was in college before he got his first good look at a log truck. As the Atlantic Region manager for The Westervelt Company, Westbrook spends a lot of his time in the woods, after all. But the Norcross native wasn't always a forester — it was practicality that led him down his successful career path.

“I started as a wildlife major, and they told me for an extra semester I could get a forestry degree, too,” he said. “I thought that would give me some diversity, because I saw more job offers for forestry majors.”

Since graduating from Warnell, Westbrook has proven to be one of the school's most active and successful alumni. He oversees the management and financial performance of The Westervelt Company’s land assets in Georgia, South Carolina and Virginia. As his career trajectory continued upward, Westbrook happily took on supportive roles for Warnell and the forest industry.

These accomplishments earned him the 2014 Distinguished Young Alumnus award at Homecoming festivities last year. “Warnell has given a lot to me, and that’s the reason I try to make a big effort of giving back to the school,” he said. “Warnell provides so many valuable resources to our industry, so I want to help make sure that it can continue to accomplish its education, research and service goals.”

Warnell didn’t just prepare him for work after college, Westbrook said; it also set up his ability to adapt and learn once out in the field. “Not everything can be learned in school, he said. “I was very confident in my technical skills coming out of school, but that skill set is not always the most important,” he said. “The ability to efficiently work with others, negotiate and communicate are used more often than the scientific name of an animal or the ability to calculate basal area by hand.”

He said he still calls on his Warnell connections when he runs into a problem he can’t solve on the job. “Warnell provides excellent resources,” he said, “because you can call former classmates or alumni or faculty. Warnell can help you for years after you leave.”

Westbrook serves on the SFI Implementation Committee, has been chairman of the Savannah Chapter of the Society of American Foresters, is part of the Georgia Forestry Association’s emerging leaders program, and was chair of Warnell’s Young Alumni Committee from 2011 to 2012. As a member of the Young Alumni Committee, he raises money for the school’s assistantships and technology upgrades, and he is currently a member of Warnell’s Alumni Steering Committee.

Funding the Warnell Experience

By EMILY SAUNDERS

It’s clear from our senior exit interviews, alumni surveys, my own personal Warnell experience, and most likely yours, that there is an added value to earning your degree from Warnell. Our student experience includes great relationships with faculty, staff and alumni, 24-hour computer lab access with free printing, one-on-one meetings with a writing instructor, a free compass, outdoor labs, professional development opportunities, and countless field-related extra-curricular activities. It’s easy to see why the Warnell experience is truly unique — and a value! Students receive support for all of these activities and more — but it’s not all covered by tuition or funded by the state of Georgia.

My professional passion lies in connecting students with alumni. There are so many benefits when these relationships are formed, and I love hearing stories from students about how they landed their summer internship because an alumnus saw Warnell on their resume, or when they met their employer at Roundtable. My heart swells when alumni tell me that our students were the best dressed and most professional at a conference. However, the truth is I’m also a fundraiser. I strive every day to make sure the next class has an even better experience than we did, and private funding is essential to maintain excellence and continually enhance our programs. Tuition dollars alone do not provide for the professional at a conference. However, the truth is I’m also a fundraiser. I strive every day to make sure the next class has an even better experience than we did, and private funding is essential to maintain excellence and continually enhance our programs. Tuition dollars alone do not provide for the “Warnell Experience” the way our students have come to expect, and tuition alone won’t prepare our students to be leaders in natural resources the way our alumni, friends and employers expect. Together our generous donors are enabling us to move from a great program to an elite one, and rather than relying solely on those with impressive annual salaries, isn’t it each graduate’s responsibility to pay it forward?

Each of us has a story to share about our Warnell experience, and we can also be a part of a what’s happening on campus today! A $25 gift can provide coffee and bags to the student ambassadors (who meet at 6:30 am) or a box of resume paper to share with students finalizing their job applications. A $40 gift and participation in the Alumni Compass Project helps ensure that each student receives a compass and warm welcome when they enter the program, or it allows a student to receive instruction on dining and business etiquette. Ten dollars a month might cover a student’s registration fees for a conference or send a van load of students to a state chapter meeting. Smaller gifts to the annual fund “keep the lights on,” and while that may not sound flashy, remember the groups of students working on their senior projects at 1 am. Annual gifts also add up to fund technology upgrades, recruitment initiatives, and scholarships.

To the many of you who haven’t made a gift because you don’t believe it’s large or “significant” enough, please consider the fact most of us will never endow a professorship or name a building, but we can all add value to the Warnell experience!
1970s
Larry Hodge (BSF ’70) celebrated his 31st year with Oceansborough National Bank of Trust Company as their Trust Officer. He is also celebrating his 25th year as a “lifeline” hunting with Red-Tailed Hawks.

Ralph Rumph Jr. (BSF ’71) worked for the Department of Natural Resources as a wildlife technician. He retired in 2003 after 34 years as a public servant. He purchased a home in Panacea, Florida, where he spends time trout fishing when in season. He and three of his kids took to Raton, New Mexico, in December, where they went elk hunting. “My family is well adjusted,” he says. “We were married on Friday the 13th in the month of December, which proves not to be a bad omen. It was a long-term sea turtle nesting ecology consultant with Hitachi Consulting. Guy is also a forester at F&W Forestry Services Inc. He joined the company in October 2012 and works in the home office in Albany, Georgia.

Price Barnett (BSF ’14) lives in Charleston, South Carolina, and is working for Plum Creek Timber Co. where he is a resource forester in the Charleston district. In his free time he enjoys training for triathlons, fly fishing, blacksmithing, origami and falconry. He also enjoys “exploring the national treasure that is Charleston. Hope all is well at Warnell! I sure do miss it!!”

1990s
Anthony S. Overton (MS ’97) has been named the chair of the department of biological and environmental sciences at Alabama A&M University.

Seth Stapleton (MS ’05) is conducting post-doctoral research through the University of Minnesota that focuses on polar bear population monitoring. He’s using remote sensing techniques including aerial surveys and satellite imagery. He also serves as the director of the Jumby Bay Hawkbridge Project, a long-term sea turtle nesting ecology project on Antigua. His wife Carol Guy (BSF ’01) is an environmental consultant with Hitachi Consulting. They live in St. Paul, Minnesota, with their two sons, Jonah, 3, and Leo, 1, and their mutt, Smudge.

2000s
April Conway (BS ’03, PhD ’13) has taken a new job with the Department of State’s Foreign Service, where she will be a consular officer. She will have a number of duties, including providing emergency and non-emergency services to Americans abroad, but will also adjudicate visas to foreign nationals wanting to travel to the U.S. She’ll be training in Arlington, Virginia, from 10 weeks to a year.

Amanda Lang (BSF ’05, MS ’08) and husband Max Lang (BSF ’05, MS ’08) welcomed daughter Madelyn Claire Lang on Jan. 12, 2015, at 6:59 pm. She weighed 7 lbs, 14 oz and was 21 inches long. “Olan and I are first time parents trying to learn the ropes, and we are having a blast!” she says. The family live in Albany, Georgia.

Emily Reed Underwood (BSF ’10, DVM ’15) has started a new job at Mill Creek Veterinary Hospital in Clarksville, Georgia, as an associate veterinarian.

2010s
James Martin (Ph.D. ’10) and wife Nevena (BSF ’05, MS ’08) welcomed a new family member on March 10, 2015: James Augustus Martin. He joins siblings Scarlett and Ada. James is also settling in as one of Warnell’s newest faculty members.

Phong Nguyen (BSF ’11, MS ’13) worked as a fisheries scientist for Florida’s Fish and Wildlife Research Institute after graduation, where he participated in several studies that evaluated the stocking success and exploitation rates of sport fishes in lakes and rivers throughout northwest Florida. After his one-year stint with FWRI, he started working as a research scientist for Smith-Root Inc., moving to the company’s headquarters in Vancouver, Washington. He assists with securing research funds and conducting studies evaluating new technologies for fisheries conservation, primarily targeting aquatic nuisance species. Nguyen works with various aquatic species, including sea lions, invasive mussels and fishes, and he also collaborates with other researchers and agencies to develop technological solutions to their problems associated with aquatic nuisance organisms. Some of these technologies include UV radiation, pulsed-pressure sound waves, and electricity. He is also in charge of developing and maintaining Smith-Root’s “fish electrical response” database that guides operational settings of electrofishing technologies, and he also co-instructs courses in electrofishing safety and proper deployment of Smith-Root backpack electroshockers.

“I credit Warnell’s exceptional professors and program for developing me into a well-rounded professional,” Nguyen says. “Without the guidance and tutelage of Warnell as a community, I do not believe I would be in the position I am today. Warnell continues to be a great source of pride and joy for me even though I am across the country.”

Justin G. Smith (BSF ’12) is currently a forester at F&W Forestry Services Inc. He joined the company in October 2012 and works in the home office in Albany, Georgia.

Will Burge (BSF ’13) has taken a position as a resource forester with Weyerhaeuser at their Longview branch in Longview, Washington.

Price Barnett (BSF ’14) lives in Charleston, South Carolina, and is working for Plum Creek Timber Co. where he is a resource forester in the Charleston district. In his free time he enjoys training for triathlons, fly fishing, blacksmithing, origami and falconry. He also enjoys “exploring the national treasure that is Charleston. Hope all is well at Warnell! I sure do miss it!!”

Corrections
A photo in the fall edition of The Log was incorrectly attributed to the wrong photographer. David Stephens, Bugwood.org, took the photo of the loblolly pine stand on pages 14 and 15 of the magazine. We apologize for the error.

Mr. and Mrs. Kenneth Purcell were inadvertently left out of the Honor Roll in the Fall 2014 edition. We apologize for this oversight and appreciate their support of Warnell.
Governor Nathan Deal recently appointed six Georgia residents to the State Board of Registration for Foresters, including three alumni of the Warnell School of Forestry and Natural Resources.

Brian Stone (BSFR ’99, MFR ’01) and Babe McGowan (BSFR ’97) are new appointees to the board, while John Mixon (BSF ’61) was reappointed to serve.

Stone is the appraisal services manager at Forest Resource Consultants, Inc. He is a state registered forester and a state certified general property appraiser. He currently serves on the board of directors and is a past president of the Georgia Chapter of the American Society of Farm Managers and Rural Appraisers. Stone is a member of the Georgia Forestry Association and the Society of American Foresters. He earned a bachelor’s degree and a master’s degree in Forest Business from the Warnell School of Forestry and Natural Resources at the University of Georgia. He and his wife, Kristen, have two daughters. They reside in Macon.

McGowan is self-employed and a founding partner of Innovative Forest Management, LLC. He is a member of the Longleaf Alliance, Georgia Forestry Association and the Society of American Foresters. McGowan graduated from Americus High School, Georgia Southwestern College and the Warnell School. He and his, fiancé, Michelle, reside in Pin港urst.

John Mixon is a forestry consultant and the president of John W. Mixon and Associates, Inc. He worked with the Georgia Forestry Commission for over 34 years, serving as director for 12 years. Mixon previously served on the board for the Georgia Forestry Association and the Central Georgia Technical College Board. He is currently chairman of the Forestry Commodity Committee with Georgia Farm Bureau. Mixon has received the classification of fellow by the Society of American Foresters and the University of Georgia Forestry Distinguished Alumnus Award. He and his wife, Sue, have three children and nine grandchildren. They reside in Zebulon.

Three alumni named to State Board of Registration for Foresters

The University of Georgia Alumni Association recognized the 100 fastest-growing companies owned or operated by UGA alumni during the sixth annual Bulldog 100 Celebration in February, and five Warnell grads made the list: Drew Taylor, Brooks Mendell, Amanda Lang, Andy Barrs and David D. Johns.

Although honorees had been announced a few weeks ago, the ceremony on Feb. 7 announced the rankings of each business. The 2015 ranking of each business was Kabbage Inc., an Atlanta-based firm co-founded by 1995 UGA graduate Marc Gorlin. The 2014 fastest-growing business was Forisk Consulting.

And Johns (BSFR ’78) ranked No. 91 for Professional Land and Timber Services.

Mendon and Barrs are previous Bulldog 100 honorees. They were part of a group of three Warnell alumni who made the 2014 Bulldog 100 list. To review the alphabetical list of honorees and to learn more about the Bulldog 100, including sponsorship opportunities, see www.alumni.uga.edu/b100.

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Jeanne Davenport Haynes

Jeanne Davenport Haynes, a longtime supporter of Warnell and wife of the late Professor Hank Haynes, died on April 17, 2015. She was 86. She attended the University of Georgia in the 1950s in the College of Family and Consumer Sciences, majoring in home economics and staying a strong Bulldogs fan her whole life.

Throughout her marriage to Haynes, she was a strong supporter of the industrial forestry program at Warnell and hosted many alumni and students in her home. Following her husband’s death, she remained in touch with numerous Warnell faculty and alumni and stayed a strong supporter of the school. Her family remembered her as a “true southern lady” who was a “wonderful mother, grandmother and great-grandmother.”

Born in Pittsburg, Georgia, on May 15, 1928, she was an active member of her beloved Isle of Hope Methodist Church and the Parkersburg Garden Club, volunteered at the Botanical gardens, and was a member of the Republican Women’s Club.

She is survived by daughter Janet Mercer Sessoms; sons Thomas Emory Haynes and James Roger Haynes; grandchildren Christopher Franklin Mercere, Laura Mercer Rodriguez, Alexander Newman Haynes, AnnaLee Caroline Haynes, Alexander James Cole Haynes; and five great-grandchildren.

Winfred N. Hank Haynes (BSF ’48) was a leader in the forest and timber industry. He worked for Union Camp and Bag for 31 years, championing genetic tree improvement programs and research on forest health and sustainable forest management. He began teaching at Warnell in 1981 and helped map out plans for the school’s Center for Forest Business, later becoming one of the strongest and most ardent fundraisers for Warnell. He is the only Warnell alumnus to win the Alumni Association Certificate of Merit. He was inducted into the Georgia Foresters Hall of Fame in 2009, four years after he died at the age of 83.
In Memoriam

Dr. Sydney Johnson

Larry Marchinton first met Dr. Sydney Johnson in 1964 when the two were both at Auburn University. They immediately formed a friendship that lasted decades, as they taught side-by-side here at UGA and visited around the same time. Johnson was a mentor and friend, Marchinton said, and “his character, conservative philosophy and incredible knowledge may have changed my life more than any other human being.”

In recent years, Marchinton recalled, he’d turn to his lifelong friend, who he called a “walking encyclopedia about wildlife,” for advice or answers to natural resources questions. He’d simply say, “Syd, I’ve got a question for you,” and thus would start one of thousands of phone conversations the two had over the years. “It has been said that some men have only one book in them, others a library,” Marchinton said. “Syd had a library.”

Johnson passed away on Dec. 30, 2014, after a short battle with lymphoma. He was 81. He is survived by his wife of 55 years, Linda Johnson, and a number of cousins, nieces and nephews.

Johnson joined the Warnell faculty in 1968, and was at the forefront of Warnell’s program diversification. Born in Clarkson, Georgia, Johnson served in the U.S. Navy during the Korean War. He earned his bachelor’s degree from the then-Emory University School of Forestry in 1959, then later earned both a master’s degree and doctorate from Auburn University in wildlife and fisheries. Johnson took a job as a wildlife biologist for the Alabama Game and Fish from 1962 to 1963, then began teaching zoology and wildlife biology at Auburn University. He moved to UGA in 1966, where he taught until his retirement decades later.

Over his long career, he was a prolific writer, authoring or co-authoring more than 50 publications on wildlife habitat management, and he was recognized numerous times for his work with professional awards.

William Herbert “Billy” Stimpson

Billy Stimpson may have been the quintessential 20th century forester. Growing up in rural Alabama during the depression, Stimpson learned the timber business from his father, Fred Jr., who supported his family by trading forestland and saw-milling timber. He was hard at work in the forest industry by the time he was 13, and by the time he came to UGA to earn his forestry degree, he was already an expert at cruising timber. With no forestry schools in Alabama, Stimpson turned to UGA for his formal education in a field with which he was already intimately familiar. At UGA, he once said, he learned to appreciate the “free enterprise system and private property rights as a philosophy. Georgia, more so than any other forestry school, taught you how to make a buck.”

Stimpson, who was one of Alabama’s timber pioneers, died Jan. 17, 2015, at the age of 94. He is survived by his daughter, Pamela Stimpson Hanes; sons, Frederick Stimpson III, William Sandy Stimpson, and Richard M. Stimpson; 15 grandchildren, and 24 great-grandchildren. He was preceded in death by his parents, Frederick Taylor and Mary White-Spunner Stimpson; wife Margaret McLeod Stimpson; and four siblings.

Born in Jackson, Ala., Stimpson moved to Mobile when he was just two years old. Although he’d worked in forestry even as a child, Stimpson’s professional career began in 1945, after he was honorably discharged from the U.S. Army. He became vice president of logging for his father’s business, Stimrad Timber Co. and he and his brothers eventually took over running Gulf Lumber Co. for their father’s business partner, until Ben May’s death in 1973. Stimpson then served as Gulf Lumber’s chief executive officer until he retired in 1992.

1940s
Milton Arden (BSF ’42) of Springfield, Ga., died Nov. 23, 2014.

1960s

1970s

2000s
Harold E. Martin (MFR ’02), of Nevada City, California, died Jan. 15, 2015.

2010s

Over his long forestry career, Stimpson served on a number of boards and committees, including the Alabama Department of Conservation, Alabama Forestry Association, Southern Forest Products Association, National Forest Products Association.

He was also a strong supporter of Warnell, and he was named 2006’s Distinguished Alumnus at Homecoming festivities that year.

David A. Turner

David Anthony Turner (BSFR ’82, MFR ’88) of Cumming, Ga., died Dec. 2, 2014. He was preceded in death by his parents, Charles and Anne Turner, and is survived by his wife Elizabeth Turner and daughter Margaret Anne Turner. Born Jan. 18, 1958, in Calambrone, Italy, Turner graduated from St. Pius X High School in Atlanta and earned both his bachelor’s and master’s degrees from Warnell. Turner managed logging and harvest operations for Oconeé Timber, was assistant director of the Georgia Forestry Association, and was liaison with the Georgia State Legislature and pulp and paper companies. He then entered the chemical waste industry with Alwaste Services of Atlanta and Callaway Chemicals Company. Turner found his true calling as a science instructor, teaching at Dunwoody High School, South Forsyth High School and then West Forsyth High School until his death. He was head coach of the girls’ varsity volleyball at Dunwoody and South, and he refereed volleyball with the Georgia High School Sports Association.

Bill Stimpson (right) poses with former Warnell Dean Dick Porterfield at a Warnell function several years ago.
2014 ANNUAL REPORT

Warnell School of Forestry and Natural Resources

2014 AT A GLANCE

Total Grant Funds Awarded*

$9,459,940

129 Number of Research/Outreach Grants Awarded

200 Undergraduate Professional Fall 2014 Enrollment

77 Undergraduate Degrees Conferred

187 Graduate Fall 2014 Enrollment

67 Graduate Degrees Conferred

169 Number of Courses Taught

231 Number of Continuing Education/Short Courses

185 Number of Refereed Books, Chapters or Journal Publications

78 Number of Other Publications (Non-Refereed Tech Reports, Newspapers, etc.)

535 Number of Presentations Made (To the public, at conferences, seminars)

* Grants, gifts, and funding on a fiscal year (July 1, 2013 – June 30, 2014) basis; all other measures on a calendar year (2014) basis.

Spring 2015 39
Warnell spent $21.95 million in FY14 in support of its teaching, research and outreach functions. This is a decrease of approximately half a million dollars over that reported last year. This decrease was primarily due to a reduction in extramural funding.

Extramural funding for FY2014 decreased by 20% compared to FY2013. External funding per research/service EFT decreased to about $276,000. For every dollar of state funds provided Warnell produced $1.22 in external funding for our programs. These decreases may be attributed to several open faculty positions, several younger faculty on board who are just starting their research programs, and the fact that 2014 was a year of transition.
The Warnell School is one of the smallest schools at UGA, yet ranked fourth in 2014 in the percentage of alumni who donate back to their alma mater, based on the number of solicitable alumni. This continues a long tradition of Warnell alumni participation in private fundraising to support programs.
**ENROLLMENT BY MAJOR**

*PRE-PROFESSIONAL VS. PROFESSIONAL*

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**TOP 5 FEEDER SCHOOLS**

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<td>Abraham Baldwin Agricultural College</td>
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<td>Georgia Military College</td>
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<td>Georgia Perimeter</td>
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**The Log**

44
**Undergraduate Degrees 2014**

**Spring**

Adcock, Daniel Christopher ........................ Natural Resources Recreation and Tourism
Atkinson, Matthew Scott ................................................................. Fisheries and Wildlife
Barnett, James Price ................................................................. Natural Resources Recreation and Tourism
Behm, William Gorton Max ................................................................. Natural Resources Recreation and Tourism
Daughtrey, Erin Alyssa ................................................................. Fisheries and Wildlife
Dean, Samantha Nicole ................................................................. Natural Resources Recreation and Tourism
Garza, Brandon Michael ................................................................. Fisheries and Wildlife
Gokulp, Gregory Timur ................................................................. Natural Resources Recreation and Tourism
Greene, Mason Stori ................................................................. Forestry
Griffin, Marvin Lee ................................................................. Fisheries and Wildlife
Hart, Amber Nicole ................................................................. Fisheries and Wildlife
Hawkins, Isaiah Seth ................................................................. Forestry
Kao, Jeffrey ................................................................. Water and Soil Resources
Kimbrough, Taylor Cahoon ................................................................. Natural Resources Recreation and Tourism
Kirby, Grady Kelly li ................................................................. Fisheries and Wildlife
Kuriy-Hokkutani, Elizabeth Anne ................................................................. Fisheries and Wildlife
Legette, Robert Thaddeus Jr ................................................................. Fisheries and Wildlife
McKinn, Heather Lynn ................................................................. Fisheries and Wildlife
Manley, John Tyler ................................................................. Natural Resources Recreation and Tourism
Mcroskey, Lauren Claire ................................................................. Fisheries and Wildlife
Mehroop, Shawn Carl ................................................................. Fisheries and Wildlife
Morris, Ambrose Gonzales ................................................................. Forestry
Owen, Joel Andrew ................................................................. Fisheries and Wildlife
Price, Ashley Nicole ................................................................. Fisheries and Wildlife
Reynolds, Matthew David ................................................................. Forestry
Standridge, Andrew Dean ................................................................. Natural Resources Recreation and Tourism
Strickland, James Tobert III ................................................................. Fisheries and Wildlife
Tharp, Lauren Danielle ................................................................. Fisheries and Wildlife
Treen, Taylor Marlynn ................................................................. Fisheries and Wildlife
Tuck, Rebekah Anne ................................................................. Fisheries and Wildlife
Varnado, Gerald Aaron ................................................................. Fisheries and Wildlife
Young, Joseph Scott ................................................................. Fisheries and Wildlife

**Fall**

Blankenship, Morgan Alana ................................................................. Fisheries and Wildlife
Brooke, William* ................................................................. Fisheries and Wildlife
Brooks, Jay William Jr ................................................................. Forestry
Clayton, Brooks Cameron ................................................................. Fisheries and Wildlife
Dangle, Robert Frederick Jr ................................................................. Fisheries and Wildlife
Dunagan, Cody Blake ................................................................. Fisheries and Wildlife
Fulmer, Alexandra Paige ................................................................. Fisheries and Wildlife
Furny, Samuel Thomas ................................................................. Fisheries and Wildlife
Garcia, Kathleen Ann ................................................................. Forestry
Gillis, Mary Alayne ................................................................. Natural Resources Recreation and Tourism
Glass, Hayley Corrie** ................................................................. Fisheries and Wildlife
Harrington, Shawn Marie ................................................................. Natural Resources Recreation and Tourism
Hernandez, Elizabeth Teresa* ................................................................. Fisheries and Wildlife
Hernandez, Rachel Marie* ................................................................. Fisheries and Wildlife
Hester, Westley Bosarge ................................................................. Natural Resources Recreation and Tourism
Hilbourn, Ronnie Lee ................................................................. Natural Resources Recreation and Tourism
Hinlebrandt, Holly Kay ................................................................. Natural Resources Recreation and Tourism
Hunt, Matthew Alexander ................................................................. Forestry
Jasilevicius, Justin Zachary ................................................................. Forestry
Laclaff, Lauren Beatrice ................................................................. Fisheries and Wildlife
Larrson, Serena Marie ................................................................. Fisheries and Wildlife
Lasowski, Courtney Renee ................................................................. Fisheries and Wildlife
McIreland, Julian Kelly II ................................................................. Natural Resources Recreation and Tourism
Murphy, Christopher Michael* ................................................................. Fisheries and Wildlife
Murray, Breanne Arlene ................................................................. Fisheries and Wildlife
Panzella, Alyssa Danielle* ................................................................. Natural Resources Recreation and Tourism
Peat, Natasha Alexandra* ................................................................. Natural Resources Recreation and Tourism
Peric, Matthew Thomas ................................................................. Fisheries and Wildlife
Reuter, Mary Martha* ................................................................. Fisheries and Wildlife
Robinson, Cameron James** ................................................................. Forestry
Sanders, Julian Harold III ................................................................. Forestry
Studdard, Robin Marie ................................................................. Fisheries and Wildlife
Sullivan, Seth Patrick ................................................................. Fisheries and Wildlife
Valdes, Kirstin** ................................................................. Fisheries and Wildlife

**Graduate Degrees 2014**

**Spring**

Baker, Devon Ross ................................................................. MFR
Barlow, Paige Pihhan ................................................................. PhD
Bian, Jingyi ................................. Magna Cum Laude
Bordeaux, John Michael ................................................................. PhD
Browne, Kayla Amber ................................................................. MS
Clark, Ryan Thomas ................................................................. MNR
Cohen, Bradley Stephen ................................................................. PhD
Frankhouse, John Raymond III ................................................................. MFR
Garber, Emily Danielle ................................................................. MNR
Goldman, Amanda Paula ................................................................. PhD
Goss, John Thomas ................................................................. MS
Gulsky, William Donald ................................................................. PhD
Hickman, John Edward III ................................................................. MS
Hinton, Joseph William ................................................................. PhD
Hoadley, Christian Wells ................................................................. MS
Johnson, Carter Denton ................................................................. MFR
Leggett, Allison Holmes ................................................................. PhD
Lehmke, Anna Joy Jeanette ................................................................. PhD
Morales Omon, Virginia ................................................................. MS
Nuse, Bryan Lee ................................................................. PhD
Olson, Andew Kahl ................................................................. MFR
Radeck, Phillip Wilson ................................................................. MFR
Robertson, Derek James ................................................................. MS
Romito, Angela Marie ................................................................. PhD
Salmon, Lindsay Rebecca ................................................................. MNR
Satterfield, Lauren Claire ................................................................. MFR
Sherry, Jacqueline Anne ................................................................. MFR
Singleton, Thomas Miles Jr ................................................................. MS
Slabey, Jenny Cheryl† ................................................................. PhD
Stanford, Hannah Leah ................................................................. MNR
Streeter, Sean Christopher ................................................................. PhD
Sylverst, Joshua Thomas ................................................................. MS
Warren, Christopher Lee ................................................................. PhD
Weaver, Steven Archer ................................................................. MS
Wetikama, Kate Frederick ................................................................. PhD
Wittmer, Hanschwell Wayne III ................................................................. MNR

**Summer**

Cherry, Michael John ................................................................. PhD
Clark, Zachary Seth ................................................................. MS
Ford, Phillip Jeffrey II ................................................................. MNR
Fouts, Kevin Lindsey ................................................................. MS
Harris, Ben Brown ................................................................. MS
Holodeth, Michael Shane ................................................................. MNR
Holtz, Christine Therese ................................................................. MS
Ingram, Evan Corey ................................................................. MS
Jordan, Charles Lesley ................................................................. MS
Kinane, Stephen Matthew ................................................................. MS
Kistler, Whitney M ................................................................. PhD
La, Le ................................................................. MS
Lu, Siron ................................................................. MS
Mercurio, Albert Donald ................................................................. MS
Shok, Barbara Christine ................................................................. MS
Shrestha, Sudip ................................................................. PhD
Sondervan, Kimberly Annetta ................................................................. MS
Walton, Zachary Lawton ................................................................. MS
Warren, Ashley Erin ................................................................. MS

**Fall**

Bloom, Dana Rochelle ................................................................. MFR
Davis, Josie Fulmer ................................................................. MFR
Gay, Matthew Warren ................................................................. MFR
Gorse, Zackary Taylor ................................................................. MFR
Hall, Natalie McCrea ................................................................. MFR
Hood, Harrison Barksdale ................................................................. PhD
McDade, Robert Charles ................................................................. MFR
Pemberton, Ryan Nanthanial-Thomas ................................................................. MNR
Stickles, James Herbert ................................................................. PhD
Warren, Matthew Cade ................................................................. PhD
Wright, Wendy Kay ................................................................. MS
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**WARNELL'S HOMETOWNS**

Our professional students come from all over Georgia and beyond. This map shows the hometowns of students who entered our professional program in spring and fall 2014 terms.

- Apex, NC
- Pensacola, FL
- Plymouth, England
- Roanoke, VA
- Tuscaloosa, AL

**OTHER LOCATIONS FROM OUTSIDE THE STATE OF GEORGIA**

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- Augusta
- Savannah
- Valdosta
- Macon
- Columbus

- Augusta
- Savannah
- Valdosta
- Macon
- Columbus

- 63
- 22
- 2
- 2
- 2

- 3
- 2
- 2
- 2
- 4

- 2
- 2
- 22
- 2
- 2

- = One student from a city
- = Multiple students from a city

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