

ASSOCIATION OF NATURAL RESOURCES PROFESSIONALS



AWARD RECIPIENTS 2020

The ANREP Awards Program fosters high standards within the membership, recognize significant achievement, and expand the use of high quality, innovative materials and programs by honoring the outstanding members and partners who developed them.

OUTSTANDING EDUCATIONAL MATERIALS AWARDS

BOOK OR COMPREHENSIVE PROGRAM CURRICULUM

GOLD AWARD

Florida Youth Naturalist Program: Instructor Field Guide

Shelly Johnson and Sarah Hensley, University of Florida

The new UF/IFAS Florida Youth Naturalist Program was created in partnership between the Florida Master Naturalist Program (FMNP) and Florida 4-H. This experientially focused curriculum uses a learn-by-doing approach and provides opportunities for youth ages 10-13 to contribute to the future of Florida's natural resources. We created a 118-page Instructor Field Guide to lead instructors through approximately 20 hours of teaching as their students join the journey of a drop-of-water from the upland forest through a freshwater river that flows to the coast and enters the ocean. The Guide includes 10 interactive lessons with ecological background information, hands-on activities (observations, games, creative tasks), service-learning projects, field trips, and guidance for students to reflect and apply life/work skills. Students create their own field journal to document their learning experience. The Guide additionally includes an introductory Instructor Guidance chapter and Resource Appendix containing teaching materials, references, and glossary.

CONTACT

SHELLY JOHNSON

shelly.johnson@ufl.edu



BOOK OR COMPREHENSIVE PROGRAM CURRICULUM

SILVER AWARD

Aquatic Weed Control Calibration and Application Math

Susan Haddock, University of Florida

Aquatic weed managers must implement management practices that control growth of invasive plants that may negatively impact water flow and water quality in waterways such as stormwater ponds, canals, lakes, reservoirs and wetlands. When waters are properly managed stormwater runoff can be channeled to avoid flooding. Eutrophication and decreased dissolved oxygen levels can be avoided encouraging sustainability in ecosystems and biodiversity. Historically, individuals seeking Aquatic Weed Management certification are challenged by the calibration and application math section of the licensing exam, resulting in less than 57 % of individuals passing the exam. The Aquatic Weed Control Calibration and Application Math curriculum was developed in early 2019 and resulted in an increase in certification pass rate and attendees reporting significant knowledge gain and confidence in calibration and application procedures.

CONTACT

SUSAN HADDOCK
szcrmchz@ufl.edu



BOOK OR COMPREHENSIVE PROGRAM CURRICULUM

BRONZE AWARD

Trees + Streams = Healthy, Cleaner Water

Jennifer Fetter and Kay Moyer, Penn State Extension

"Trees + Streams = Healthy, Cleaner Water" was written and designed for Plain Sect and Amish schoolhouses in an effort to help increase riparian buffer plantings in Pennsylvania. Pennsylvania is struggling to meet EPA required reductions of nutrient and sediment delivered to the Chesapeake Bay from our waterways. State agencies are attempting to increase the acreage of riparian buffers to the maximum extent possible and need to reach all potential **streamside** landowners with this message. Penn State Extension was asked to help reach Amish and Plain Sect landowners, particularly in Lancaster County, a nutrient hotspot home to the largest Plain Sect community. The Trees + Streams book is a read-along story with activities interspersed throughout. The book covers Watersheds, Water Use, Water Quality, and the Benefits of Riparian Buffers and other best practices. It is meant to be used in the classroom, then taken home and shared with the family.

CONTACT

JENNIFER FETTER
jrf21@psu.edu



LONG PUBLICATION

GOLD AWARD

This or That? A Beginner's Guide to Commonly Misidentified Animals & Plants in Florida

A James Stevenson Jr. and Lara Milligan, University of Florida

"This or That? A Beginner's Guide to Commonly Misidentified Animals & Plants in Florida" was developed to help beginning naturalists properly differentiate between similar looking plants and animals. For some species this is simply a matter of the ability to tell one species from another, but for others this difference can have implications. Two plants or animals can look similar, but one is invasive and the other is native, or one is venomous and the other is non-venomous, or one is listed as Threatened or Endangered and the other is not, making this guide an important tool for invasive species management, listed-species management, and public safety. The idea for this field guide came about in 2015 and was published in August 2019. Since then a total of 361 copies have been sold, indicating it's value to Florida's residents and visitors.

CONTACT

LARA MILLIGAN
lara317@ufl.edu



LONG PUBLICATION

SILVER AWARD

SC Adopt-a-Stream Volunteer Freshwater Monitoring Handbook

Katie Callahan, Clemson University

This handbook serves as the reference and training document for all certified citizen scientists participating in the South Carolina Adopt-a-Stream (SC AAS) program. SC AAS seeks to grow a network of volunteers monitoring ecosystem and water quality health through certification trainings and quality assured data collection. This handbook serves as reference for the volunteer along their journey as a steward, including background and step-by-step instructions of all three protocols (physical/chemical, bacteria, and macroinvertebrate) and habitat assessment. Also included in the handbook, the volunteer can find a section on program ethics, exercises to explore their watershed, instructions to enter data into the program's secure database, macroinvertebrate dichotomous key, glossary, and more.

CONTACT

KATIE CALLAHAN
katieca@clemson.edu



LONG PUBLICATION

BRONZE AWARD

Living Shorelines Training for Marine Contractors - Manual

Armando Ubeda and Savanna Barry, University of Florida.

Fara Ilami, Florida Fish and Wildlife Conservation Commission.

Gary Raulerson, Tampa Bay Estuary Program.

Jessy Wales, Marine Discovery Center.

Tom Ries, Ecosphere Restoration Institute Florida

This manual accompanies a training course for marine contractors to learn to install living shorelines for property owners, either alone or in addition to an existing seawall or other structure. Living shorelines are softer, greener alternatives to stabilize shorelines from erosion, sea level rise, and other damage. They protect, restore, or enhance natural shoreline habitat and maintain coastal processes through the strategic placement of plants, oyster shell, and other structural organic materials. Demand for living shorelines is increasing, and this manual with the accompanying field-based course offers a mechanism to increase the supply of contractors who can fill this need.

Contact

SAVANNA BARRY

savanna.barry@ufl.edu



NEWSLETTERS OR SERIES OF ARTICLES

GOLD AWARD

Fire Lines Newsletter

*Dr. David Godwin and May Armstrong, University of Florida.
Laurel Kays, NC State University.*

The Fire Lines e-newsletter is published bimonthly, and is a product of the Southern Fire Exchange (SFE). SFE is jointly administered by NC State University, University of Florida, Tall Timbers Research Station, and the USDA Forest Service Southern Research Station. Fire Lines serves to connect the fire science and natural resource management communities by providing information on the latest research, news, upcoming events, newly released tools and technology, and funding opportunities related to fire science and management in the Southeast. Each edition also includes a scientist-reviewed research brief, which summarizes a recently released fire science research publication.

CONTACT

LAUREL KAYS
lekays@ncsu.edu



NEWSLETTERS OR SERIES OF ARTICLES

SILVER AWARD

Nature Notes Series of Articles Promote Better Pest Control

Nicole Pinson, University of Florida

The Laker/Lutz News Nature Notes feature landscape best practices. These practices help homeowners manage pests responsibly while minimizing harmful effects to non-target organisms, groundwater, and the environment. The articles promote the land-grant university system and Extension, offer research-based recommendations, link to university publications, and give easy-to-implement tips. The Agent writes articles for homeowner clientele. The articles are submitted electronically to the newspaper editor for publishing in Hillsborough and Pasco counties, Florida. Pest management tips encourage natural enemies, such as predatory mites, beneficial insects, and parasitic wasps. When appropriate, less-toxic, soft pesticides are encouraged, such as Bt-k (*Bacillus thuringiensis* var. *kurstaki*), neem extracts, and spinosad. The newspaper posts online and delivers 47,395 papers weekly, with 85% delivered to homes and 15% to retailers such as Publix, Lowe's, and Walmart. This series of articles aims to encourage proper pest identification, match the recommendation to the pest, and reduce negative environmental practices.

CONTACT

NICOLE PINSON

pinsonn@hcflgov.net



NEWSLETTERS OR SERIES OF ARTICLES

BRONZE AWARD

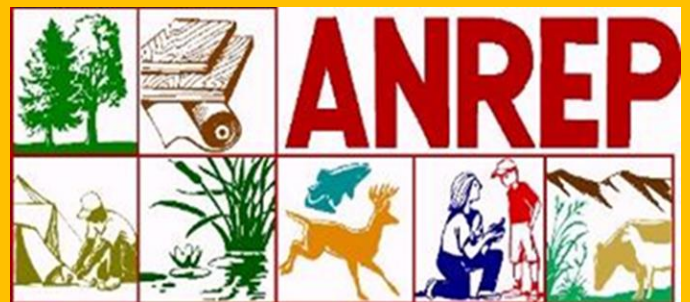
DRUMY TALES

Victor Blanco, University of Florida

Drumy Tales is a series of comics created with the objective to deliver coastal and marine related topics important for the sustainable use and conservation of natural resources, including ecosystems and the organisms living and interacting in them. The comic creates a way to encourage discussions using visual aids as a basis for rationale thinking, and improving fine motor skills as youth paint the drawings. Youth and adults have the chance to immerse themselves into Drumy's world and even be him, as he faces and experiences new places, characters, and situations that most of the readers can relate to. During his adventures, Drumy visits different coastal ecosystems, like the marshes, the estuary and the artificial reef, and meets interesting organisms living in the sea, like the horseshoe crab. Also, he faces unexpected situations, like seagrass scaring, a hurricane, the threat of ghost fishing, and plastics in the ocean.

CONTACT

VICTOR BLANCO
victorblancomar@ufl.edu



PODCAST OR RADIO

GOLD AWARD

SCALLOP SEASON Radio Spots

Victor Blanco, University of Florida

Social media is one of the classic tools used to reach part of the marine extension audience. In 2019, more than 87,000 people were reached through 61 Facebook posts addressing the main topics related to the county extension programs. However, social media analytics showed that a low percentage were County residents or from the region. After the success of the program in 2018, and to improve and increase the reach of marine extension program outreach actions to county residents, the radio campaign titled “One Minute in Marine Science” was improved and targeted for SCALLOP SEASON with two radio spots discussing issues as harvesting good practices and safety in the water. The spots were hosted and played in two local radio stations Eight times a day, for a period of 2 months (early June to late July) during high season times of the harvesting. The radio stations stats stated that the spots reached at least a 1,000 residents audience daily

CONTACT

VICTOR BLANCO

victorblancomar@ufl.edu



PODCAST OR RADIO

SILVER AWARD

FLORIDA-FRIENDLY LANDSCAPING PRINCIPLES ON BETTER LAWNS & GARDENS

Tina McIntyre, University of Florida

The Florida-Friendly Landscaping (FFL) Agent was invited to be a reoccurring guest speaker on the renowned radio show Better Lawns & Gardens that airs weekly and is hosted by Extension Agent Emeritus, Tom MacCubbin. The show is syndicated on over 24 radio stations throughout Florida and Georgia, is available for podcast on iTunes, download, and on iHeartRadio! The show reaches over 8500 listeners and covers many gardening topics. This series of shows covers

- Composting
- Water restrictions
- The Master Gardener Volunteer program
- Right Plant Right Place (twice)
- Proper irrigation practices
- Mulch selection and benefits

Florida Friendly Landscaping principles encourage participants to adopt practices that will protect our water quality and quantity.

CONTACT

TINA MCINTYRE

k.mcintyre@ufl.edu



PROMOTIONAL AND MARKETING MATERIALS

GOLD AWARD

Kids in the Woods

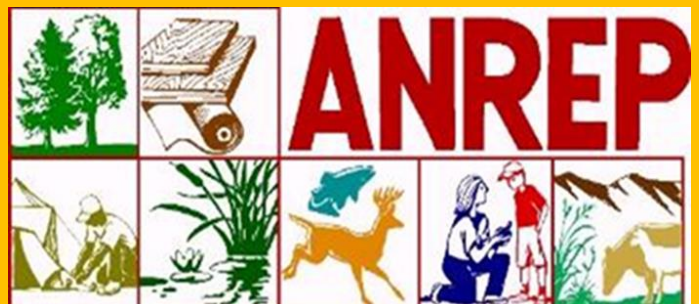
Michael Andreu, Annie Hermansen-Baez, and Molly Disabb, University of Florida

The Kids in the Woods program is a collaboration between the University of Florida's School of Forest Resources and Conservation, the USDA Forest Service, the Alachua County School District, the City of Gainesville's Parks, Recreation and Cultural Affairs, and the Alachua County Environmental Protection Department. The program is co-lead by Dr. Michael Andreu University of Florida School of Forest Resources and Conservation and Annie Hermansen-Baez of the USDA Forest Service Southern Research Station and supported by Molly Disabb UF Extension Program Coordinator.

The KIW program takes students in public schools outside to conduct scientific studies on their campuses and in nearby nature areas. Students gain first-hand experience with the scientific method by conducting outdoor studies about bird feeding behavior, creek erosion and deposition, and tree identification and tree benefits. Every spring we have a campout in the school soccer field for sixty students who are selected through a lottery.

CONTACT

MICHAEL ANDREU
mandreu@ufl.edu



PROMOTIONAL AND MARKETING MATERIALS

SILVER AWARD

UF/IFAS Drone Prep Course

Brittany Scharf, Kalan Taylor, Matthew Smith, Stacy Strickland, University of Florida

In recent years, drones have been incorporated into many natural resources research, mapping, and monitoring programs. Anyone operating a drone for monetary gain or for their work must possess an Unmanned Aerial System (UAS) Certificate through the Federal Aviation Administration (FAA). Additionally, the FAA expects remote pilots to outnumber instrument-rated pilots by 2022-2023. We designed a two-day course utilizing various instructional methods to teach participants required FAA Part 107 Exam subject matter to earn their UAS certificate. Four Extension agents worked together to develop the material and teach the course to 20-adult professionals. Pre/posttests showed class participants had a 102% increase in knowledge. 100% of course participants who attempted the official FAA Part 107 Exam have passed and now hold an UAS Certificate. Furthermore, one participant has started a drone business taking pictures for the local farmer's market and another participant has expanded his career by incorporating drone imagery into his real estate marketing business.

CONTACT

BRITTANY SCHARF
bhallscharf@ufl.edu



PROMOTIONAL AND MARKETING MATERIALS

BRONZE AWARD

Seagrass Safe Boating Promotional Packet

Savanna Barry, Brittany Hall-Scharf, Emily Colson, Joshua Patterson, University of Florida

One of the best ways to reach recreational boaters is through direct contact at boat ramps. In 2019, we created a new set of promotional materials for the Be Seagrass Safe boating program. These materials included a SnapChat geofilter, a pledge card, a tri-fold brochure, large 4" circular sticker, a t-shirt, an Instagram photo frame, a booth banner, and a branded tablecloth. These promotional materials were used at boat ramps to promote the Seagrass Safe Boating pledge program, where recreational boaters are asked to pledge to apply seagrass-friendly boating practices.

CONTACT

SAVANNA BARRY

savanna.barry@ufl.edu



SHORT PUBLICATION

GOLD AWARD

The OSU Woodland Stick

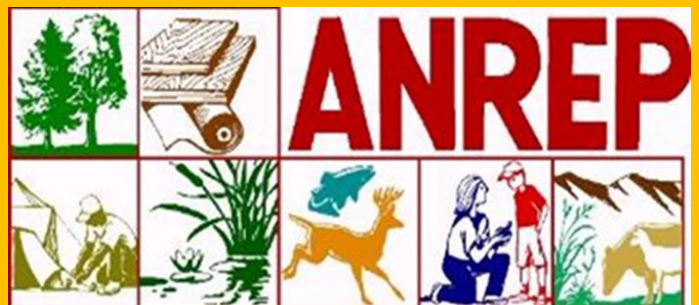
Lauren Grand, Alicia Christiansen, and Francisca Belart, Oregon State University

When forest landowners make management decisions, they need to know certain descriptive metrics of their forests. The Woodland Stick is a tool that forest landowners can easily use to obtain rough estimates of average tree size and wood volume on their properties. The Woodland Stick provides a unique opportunity for Extension instructors to empower landowners to gather practical information about their properties at low cost and thereby support their management planning endeavors and applied forestry management actions, such as harvesting. The Woodland Stick is also a resource Master Woodland Manager volunteers can use during site visits and other peer-to-peer learning activities. The Woodland Stick offers a basic understanding of forest measurements, a first approach to writing a forest management plan, an ability to communicate with forestry professionals, and an opportunity for continuous forest monitoring.

CONTACT

LAUREN GRAND

lauren.grand@oregonstate.edu



SHORT PUBLICATION

SILVER AWARD

Treejuvenation Florida: My Tree Benefits - Urban Trees

Marguerite Beckford, University of Florida

Communities derive many benefits from urban trees, including improved air quality and reduced heat island effects. In 2013, a tree canopy study in Sarasota County indicated 35% vegetation cover in the Urban Service Area, this percentage having steadily decreased commensurate with increasing land development. To support canopy conservation efforts, 'Treejuvenation Florida', an urban forestry Extension program, was launched in Sarasota county to promote awareness of the benefits of urban trees and increase community engagement in urban forestry activities.

As part of the Treejuvenation Florida Extension program, a set of five rack cards was developed to educate Sarasota county residents about the benefits their neighborhoods derive from the urban forest. The objective of each card is to highlight a specific benefit of urban trees, including increased storm water filtration, and stress reduction impacts of canopied green spaces. The rack cards are distributed at UF/IFAS Extension events and county libraries.

CONTACT

MARGUERITE BECKFORD
mbeckford@ufl.edu



SHORT PUBLICATION

BRONZE AWARD

Assessing and Managing Storm-Damaged Timber

Spenser Bradley, Bence Carter, and Adam Maggard, Auburn University

Storms such as hurricanes and tornadoes not only damage homes and businesses but they also damage agricultural land, including timberland. Landowners who have forests affected by storms should take immediate action to mitigate their losses. This publication serves as a guide for landowners who have storm damaged timber and provides assessment and management techniques.

Landowners should first assess the damage on their property. Damaged trees should then be categorized as:

- Minor bending or leaning.
- Uprooted.
- Broken tops or trunks with less than 4 main live limbs OR severely bent.
- Broken tops or trunks with more than 4 main live limbs left.
- Major wounds.

After assessing the damage, landowners can use the collected information to make decisions about post-storm salvage harvest and reforestation. While economic returns will be lower, management decisions should still be made in a timely manner so the timber is not wasted.

CONTACT

SPENSER BRADLEY
seb0043@aces.edu



TV OR VIDEO

GOLD AWARD

Forest Team Go!

*Jordan Benner, Norie Dimeo-Ediger, Oregon Forest Resources Institute
Lauren Grand, Oregon State University*

A new video, Forest Team GO! shows fourth- through sixth-grade students the span of careers and the high-tech nature of the variety of jobs in the forest sector. The fast-paced, six-minute video identifies careers involved from seedling to mill, and how they work together. The careers highlighted are nursery manager, forester, wildlife biologist, fish biologist, hydrologist, engineer and logger.

CONTACT

LAUREN GRAND

lauren.grand@oregonstate.edu



TV OR VIDEO

SILVER AWARD

Sea Level Rise Video Series

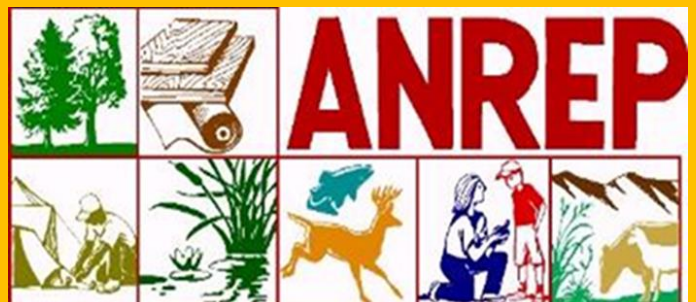
Carrie Stevenson, University of Florida, Mikaela Heming, Stephen Deal, and Renee Collini, Mississippi State University, Melissa Daigle, Louisiana State University, Rhonda Price, Mississippi Department of Marine Resources, Christine Buckel, David Kidwell, Marian Hanisko, National Oceanic and Atmospheric Administration, Christine Mohrman, Gulf Coast Alliance

Sea-level rise (SLR) is a ubiquitous issue in the coastal zone, directly affecting coastal communities. It is crucial that coastal decision-makers understand how sea levels will rise, what impacts could be, and what their options are for addressing potential impacts. SLR science is complicated and advancing at a rapid pace and practical solutions for small coastal communities are not well described or shared, making it difficult for coastal decision-makers to understand their vulnerabilities and options. To reduce communication barriers around sea-level rise (SLR) science and potential actions to address risks, we developed two video series in collaboration with coastal decision-makers. The first series communicates the science around SLR, how it may impact the northern Gulf of Mexico, and potential solutions to address or avoid these impacts. The second series highlights case studies of communities that have taken around the Gulf of Mexico to reduce their vulnerability to sea-level rise.

CONTACT

CARRIE STEVENSON

ctsteven@ufl.edu



TV OR VIDEO

BRONZE AWARD

Selection Methods for Honey Bee Breeding

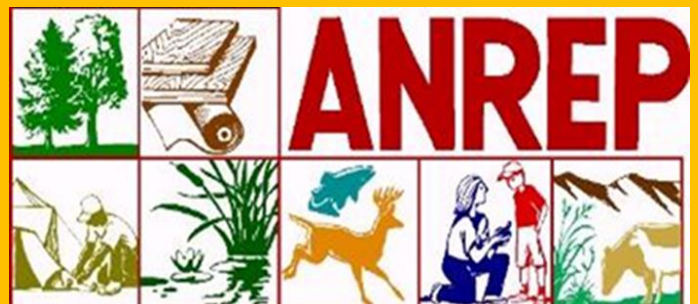
Timothy Lawrence, Matthew Ziegler, Susan Cobey, and Walter Shepard, Washington State University

Washington State University, Honey Bee Health video is intended to help beekeepers improve their stock and overcome some of the obstacles they may face in their breeding efforts. The selection and breeding of honey bees is perhaps the best long term and sustainable solution to the current issues facing beekeepers. Honey bee breeding poses unique challenges in that selection is at the colony and population level. This video presents a review of the complexities and basic selection methods. One of the most successful bee breeding programs, the Page-Laidlaw Closed Population Breeding Program, is described. Beekeepers can implement this program in working toward establishing and maintaining honey bee stocks that are productive, express increased resistance to pests and pathogens, and well adapted to their environment. This video give an overview of honey bee breeding and selection that will help both the commercial bee breeder and beekeeping collectives developing locally adapted bees.

CONTACT

TIMOTHY LAWRENCE

timothy.lawrence@wsu.edu



TELEVISED CONFERENCE - VIDEO CONFERENCE - WEBINAR

GOLD AWARD

Prescribed Fire Ignition Techniques YouTube Video Series

Spenser Bradley, Auburn University

A prescribed fire is a fire intentionally set to attain management objectives such as fuel reduction, wildlife habitat improvement, forest site preparation, and promotion of native vegetation. Choosing the correct ignition technique based on site characteristics and weather conditions helps land owners and managers to better achieve their goals. The *Prescribed Fire Ignition Techniques YouTube Video Series* provides descriptions, instructions, advantages and disadvantages, and a visual demonstration for some of the most common prescribed fire ignition techniques.

- Backing Fire
- Heading/Strip Head Fire
- Point Source Fire
- Flanking Fire
- Burning Piles

The video series shows an actual demonstration of these ignition techniques in southern pine and upland hardwood forests near Auburn, Alabama.

CONTACT

SPENSER BRADLEY
seb0043@aces.edu



TELEVISED CONFERENCE - VIDEO CONFERENCE - WEBINAR

SILVER AWARD

Water Quality Summit: Televised Live and Online Videos

Lee Hayes Byron and Abbey Tyrna, University of Florida

Sarasota County experienced dramatic impacts from the 2018 red tide bloom and the County Commission identified water quality as 2019's highest priority. Before making decisions, they wanted to establish a common science understanding on the science and action opportunities while hearing from the community on their priorities and concerns. They directed /IFAS Extension staff to design a summit to engage the community on the issue. In just three months, the Water Quality Summit was organized with 24 speakers and 21 exhibitors. While over 600 people registered for the event, the Summit was also broadcast live on the county cable channel and recordings of all sessions are available online. This online presence has combined with active news media and social media engagement to increase the number of people reached and potential impact. Remote participants were able to submit questions before and during the event through an online portal.

CONTACT

LEE HAYES BYRON
lhbyron@ufl.edu



WEBSITES – APPS – EDUCATIONAL TECHNOLOGY

GOLD AWARD

eFIRE

Jennifer Fawcett and Laurel Kays, North Carolina State University

The eFIRE site (<http://go.ncsu.edu/efire>) was developed as a unique way for users of all learning styles to learn more about prescribed fire in a way that best fits their learning needs: becoming virtually immersed in a prescribed burn through "360 degree" videos, reading the provided resources, and/or hearing from the multiple types of people who use prescribed fire through a series of short videos. Users are able to freely choose their own path through the site, viewing content and case studies at their leisure. To assess their knowledge, users may self-enroll and complete the provided quizzes. The site provides an interactive way for landowners and other audiences to learn how to plan, conduct, and evaluate a burn. New videos and resources are regularly added to enhance the site content.

CONTACT

JENNIFER FAWCETT
jlevans3@ncsu.edu



WEBSITES – APPS – EDUCATIONAL TECHNOLOGY

SILVER AWARD

After the Flush Septic System Program

Andrea Albertin, Jim Moll, Mary Lusk, Whitney Elmore, William Lester, University of Florida

The website will be used to house instructional videos, factsheets and recorded presentations on septic systems, which can be used by other UF/IFAS Extension agents across Florida to educate their constituents.

CONTACT

WHITNEY ELMORE
wcelmore@ufl.edu



WEBSITES – APPS – EDUCATIONAL TECHNOLOGY

BRONZE AWARD

SPM605: Environmental Sports Management

Randall Penn and Jackie Sirmopoulos, University of Florida

The sports industry is much more than the teams that are taking the field. In today's world of sports, managers must be aware of all components of their organization. One way the industry is changing is through the promotion of healthy and sustainable communities. Sports leagues, franchises, colleges, teams, venues are looking to embrace environmental programs: renewable energy, water conservation, recycling and zero waste programs, sustainable purchasing, safer chemicals and environmentally friendly practices. This course is designed to introduce students to environmental management of the sport industry. Through case studies, in-class discussions and practical exercises, students will gain an understanding of the components of a successful environmental sustainability program. Throughout the semester, students evaluated sporting leagues, individual teams, collegiate programs, as well as venues and arenas that are implementing environmental programs into their operations.

CONTACT

RANDALL PENN
rpenn@ufl.edu



ACHIEVEMENT AWARDS

Achievement Awards recognize exceptional ANREP members who exhibit outstanding leadership and program excellence individually and in teams.

INNOVATIVE PROGRAM

Energy Upgrade: Supporting housing affordability through utility savings

Lee Hayes Byron, Sara Kane, Sophia Moundous, University of Florida

The Energy Upgrade program offers education and outreach to homeowners on how they can save money and help the environment through energy and water efficiency measures at home. Residents can attend a workshop to learn resource saving strategies and receive an energy and water efficiency kit which includes items such as LED lightbulbs, a smart power strip, and more. Over the years, the program evolved and expanded into an energy equity program, specifically targeting low-income residents with educational programs and in-home energy and water evaluations and efficiency upgrades. Trained volunteers install efficiency upgrades including installing LED lightbulbs, replacing inefficient faucet aerators and showerheads, examining the home for major leaks and efficiency issues, and more. This unique Extension program is raising the profile of Sarasota County as an innovative and collaborative community partner working to offer solutions to one of the community's greatest needs.

Contact

LEE HAYES BYRON
lhbyron@ufl.edu



OUTSTANDING TEAM

Aquatic Invasive Species Detectors Program Team

*Allison Holland, Daniel Larkin, Patrick Mulcahy, Amy Ranger, and Meghan M. Weber,
University of Minnesota*

The Aquatic Invasive Species (AIS) Detectors program team recognized a need for increased capacity for AIS detection, education and outreach, management, and research in Minnesota. In response, the team developed volunteer, citizen science, and educational programs to advance community engagement and AIS response capacity. These programs include the AIS Detectors core course, AIS Management 101 online course, an annual aquatic plant identification workshop, a free webinar series, and an annual “Starry Trek” event to search for new populations of the AIS starry stonewort. These programs all focus on training and supporting an organized statewide network of volunteers and engaged stakeholders who contribute to early detection of AIS, outreach and education, implementation of management strategies, and citizen science and research projects. Since the program’s launch in 2017, over 1,200 people have been involved in AIS Detectors Program events and the program’s committed volunteers have contributed over 15,000 hours of volunteer service.

CONTACT

MEGHAN A. WEBER
mmweber@umn.edu



EARLY CAREER LEADERSHIP

Lauren Grand

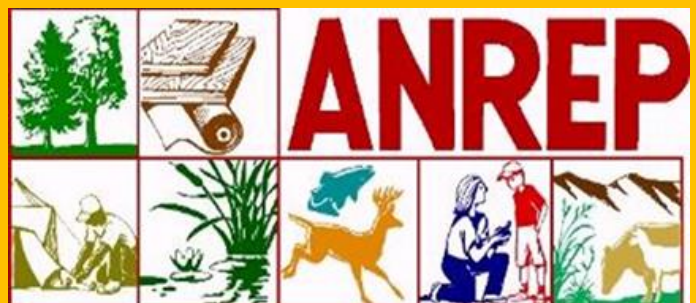
Nominator Carrie Berger, Associate Program Leader, Oregon State University

Lauren Grand is an exemplary leader who has accomplished a lot in four short years with Oregon State University's Forestry & Natural Resources Extension Program. Lauren's can-do attitude and her willingness to take part and lead multiple efforts at the local, state, and national levels is inspiring. She shows outstanding efforts to define issues, identify target audiences, plan and administer education courses, and use multiple resource and delivery systems. A landowner sums up Lauren perfectly - "Lauren shines in all she does."

CONTACT

CARRIE BERGER

Carrie.Berger@oregonstate.edu



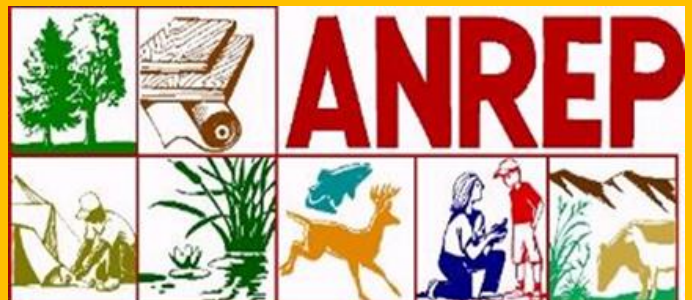
DISTINGUISHED CAREER LEADERSHIP

Robert Bardon

Dr. Robert Bardon has over 23 years providing leadership and establishing excellence in Extension programs. His leadership and ability to integrate technology into programming has led to the nationally recognized Webinar Portal for Forestry and Natural Resources and the successful delivery of programs such as the multi-state Woodland Stewards webinar series. In addition to his distinguished accomplishments over his career, he has proven himself as a leader, serving as Associate Dean of Extension in the College of Natural Resources at NC State, President of ANREP and continues to serve the profession as Vice President of the Natural Resource Extension Education Foundation. He works with colleagues, faculty, staff, and administrators, mentoring them to develop a better understanding of scholarship in Extension and excellence in the delivery of Extension programs. Robert's leadership, and the impact he is making, reflects great credit upon herself, ANREP, and Cooperative Extension.

CONTACT

ROBERT BARDON
rebardon@ncsu.edu



OUTSTANDING REGIONAL COLLABORATOR

SOUTHERN REGION

Saw Safety Team

Adam Gore, Andrew Jeffers, Anthony Melton, Benjamin Powell, Bruce McLean, Callen Bethea Outen, Chase Smoak, Christopher Burtt, Cory Tanner, Kerrie Roach, Laura Lee Rose, Mark Arena, Parker Johnson, Paul Thompson, Sarah Scott, Vicky Bertagnolli, Zack Snipes, Clemson University

Alfredo Martinez-Espinoza, Ellen Bauske, Glen Rains, Heather Kolich, Josh Fuder, Rolando Orellana, Wade Hutcheson, University of Georgia

Anelle Ammons, Cliff Ruth, Daniel Shires, Debbie Dillion, Hannah Bundy, Jason Weathington, Julie Flowers, Keith Wood, Leslie Peck, Lucy Bradley, Matt Jones, Peg Godwin, Sara Freeman, Selena McKoy, Tim Mathews, Tom Dyson, North Carolina State University

In late 2018, two hurricanes devastated parts of Georgia, South Carolina, and North Carolina. The storms damaged trees throughout the region, requiring private and public sector response. The safety of the chainsaw operators quickly became a significant concern. OSHA reached out to the UGA Saw Safety Team, requesting emergency disaster relief safety training for first responders. Team leaders in South Carolina and North Carolina coordinated state-wide train-the-trainer programs. Five agents of the UGA Saw Safety Team trained 15 agents in North Carolina and 17 agents in South Carolina. All team members were given a training kit of Personal Protective Equipment. Trained agents trained 1,220 emergency responders (2,215 contact hours). The program met the expectation of the majority of the participants (90%) and 99% of participants said they would recommend it to others. Almost 90% of participants learned something they did not know prior to taking the training.

CONTACT

ELLEN BAUSKE
ebausk@uga.edu



OUTSTANDING REGIONAL COLLABORATOR

WESTERN REGION

Western Region Professional Development and Mobile Study Tour

Christopher Jones, University of Arizona

Lauren Grand and Norma Kline, Oregon State University

Chris Schnepf and William Warren, University of Idaho

In November Western region members of ANREP met in Arizona for a professional development meeting and mobile study tour. The meeting was fun, educational, and most importantly, built cross-boundary relationships with members of our professional community. The planning team consisted of five ANREP members from three states. Participants appreciated learning about the local area, sharing and learning about extension work in other states, having new ideas to bring home, and meeting extension agents from around the region. New ANREP members felt valued, welcomed, and commented that the meeting provided an opportunity to grow in their careers and find potential mentors.

CONTACT

LAUREN GRAND

lauren.grand@oregonstate.edu

