Happy fall, everyone! I hope all of you will take some time off and enjoy the upcoming holidays.

Our officers this fiscal year are:
- President-Lynn Barber
- Vice-President-Scott Jackson
- Treasurer-Ramona Madhosingh-Hector
- Secretary-Libby Carnahan

We will be updating our by-laws this year and presenting them for approval. More information will be provided in this regard in the near future. If you are interested in being part of the by-law update team, let me know.

Thanks much to Bryan Fluech for establishing the Steven Gaul scholarship. There is more information on this scholarship, page 4, of this newsletter.

The FANREP membership meeting minutes from August 28, 2012 will be posted on our website shortly.

I know of five new to nearly new agents that are considering becoming FANREP members. Let’s all consider recruiting one new person to our organization.

We are always looking for success stories for our newsletter. Please share yours. What I like best about EPAF is listening to the presentations from other agents’ about their innovative accomplishments. It would be great for us to share these all year long.

Lynn Barber
FANREP President
2012–2013
The National Association of Natural Resource Extension Professionals (ANREP) came into existence in the late 1990's as an official member of the Joint Council of Extension Professionals. One of the association's early tasks involved identification of state "champions" throughout the U.S. who could encourage other Extension faculty to participate in professional development and leadership opportunities within ANREP. I had the district honor of being selected as the Florida ANREP State Champion, a role I proudly hold to this day.

In the early 2000's, Will Sheftall, Alice Kersey (retired Polk NR Agent), and Ken Gioeli discussed the possibility of forming the Florida state chapter of ANREP – the first chapter anywhere in the nation. National ANREP's leadership was interested in this possibility and encouraged us to pursue chapter formation. These pioneering agents sent out a survey to all Extension faculty and received enough interest in pursuing the formation process. Will worked his magic and developed our original set of bylaws which were voted on and accepted by the members. Dues were collected and an initial slate of officers was elected in 2002. Ken had the honor of serving as the first President of FANREP. FANREP officially formed; however, we were not yet a member of the Florida Association of Extension Professionals.

In February 2002, Ken forwarded a letter to Bob Hochmuth, President of the Florida Association of Extension Professionals (EPAF), petitioning FANREP’s inclusion in the organizations of FAEP which included FACAA, NEA4-H, FCS and ESP.

ESP and FCS were very supportive because of national ANREP’s relationship as a member organization of the Joint Council of Extension Professionals. After some deliberation, FACAA gave their support and newly formed FANREP was voted in as the fifth member organization of FAEP. FANREP has been an official member of FAEP (now EPAF) with all the rights and responsibilities as the other organizations. FANREP members have increased leadership opportunities within the state as well as nationally and we have greatly benefitted from abstract presentations and awards.

**FANREP Presidents**

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<th>Name</th>
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<tr>
<td>Ken Gioeli</td>
<td>2002-2003</td>
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<td>Will Sheftall</td>
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<td>LeRoy Creswell</td>
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<td>Maia McGuire</td>
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<td>Marella Bradway</td>
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<td>Andrew Diller</td>
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<td>GUS Koerner</td>
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<td>Sheila Dunning</td>
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<td>Rebecca Jordi</td>
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<td>Bryan Fluech</td>
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<td>Steven Gaul</td>
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<td>Lynn Barber</td>
<td>2012-2013</td>
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Past FANREP President - Will Sheftall - 2003-2004

It was my privilege to serve on our national organization’s Board for five years following my tenure as FANREP President. Working with ANREP colleagues from other states provided clear insight that Florida’s ANREP chapter was not only the pioneer state chapter, but continues to set the standard in several key ways. We have the most robust, member-service oriented state chapter in the nation. From Year 1, we have truly integrated Land Grant and Sea Grant colleagues into our chapter leadership as well as membership - to a much greater extent, even, than ANREP does nationally.

Ten years on, we continue to serve as a model for other states in these important attributes, plus the strength and depth of our membership across a wide variety of disciplines, whose breadth fosters interdisciplinary collaboration. Our members teach subjects ranging from environmental horticulture and sustainable agriculture to land use and sustainable living - in addition to forestry, wildlife, fisheries, watersheds, marine and coastal resources, and 4-H environmental education. It is great to be a member of the best state chapter of a really top-notch national professional association! I thank my colleagues for affording me the opportunity to serve our association at the state and national levels.

Will Sheftall
Natural Resource Agent, UF/IFAS Leon County Extension

Past FANREP President - Rebecca L. Jordi - 2010-2011

During my tenure as president we continued to see the number of FANREP members increase along with a widening of different areas of expertise expanding into uncharted arenas. We are especially proud of the fearlessness of our faculty, their strong work ethic, the high quality programming and measurable impacts in each of the counties and districts. FANREP members continue to be recognized for their quality programs by their peers throughout the state, regionally and nationally. We have seen tremendous efforts to bridge across numerous disciplines in order to better serve the clientele. It was an honor to serve with such a professional group of instructors. I counted it a privilege to serve as liaison to the EPAF Board for three years and then represent FANREP as Chair of EPAF in 2012. Congratulations on FANREP's first ten years and we look forward to the huge impact we will have in the next ten.

Rebecca L. Jordi
County Extension Director
UF/IFAS Environmental Horticulture

Past FANREP President - Ken Gioeli - 2002-2003

“We survived!”
FANREP and the entire UF/IFAS organization are still deeply saddened by the sudden loss of Steve Gaul, the Nassau County Natural Resources and Agriculture Extension Agent who passed away following this year’s EPAF conference. Steve was an active member in FANREP and served in many leadership roles. While he served as FANREP’s president for only a few days, his memory will have a lasting impact on both the organization and the clientele he served. Among his many extension programs, Steve was a regular instructor of the Florida Master Naturalist Program (FMNP) and thoroughly loved teaching others about Florida’s natural environments.

To keep this passion alive, FANREP and the Florida Master Naturalist Program have teamed up to establish a scholarship in Steve’s honor. The Steve A. Gaul FANREP/FMNP Memorial Scholarship will allow a Florida educator each year the opportunity to participate in the Florida Master Naturalist Program free of charge thanks to the generosity of Dr. Martin Main, the creator of the Florida Master Naturalist Program.

**Contributing to the Steven Gaul Memorial Scholarship Fund**

Donations are being accepted in Steve's honor and will be used to support additional Florida Master Naturalist Program scholarships.

Donations can be made online through the UF Foundation or by check*. Please make checks payable to the "UF Foundation" and designate on the memo line “In memory of Steven Gaul”.

**Mail checks to:**
Ramona Madhosingh-Hector
Pinellas County Extension
12520 Ulmerton Rd
Largo, FL , 33774

**Thank you!**

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**Applying for A Scholarship**

**Who can apply?** Any Florida formal or informal educator (participants must be affiliated with an organized educational organization)

**Duration:** The recipient will have one year from the time he/she receives the scholarship to participate in the FMNP course.

**Amount:** $225 to cover the cost of taking one of the core modules of the Florida Master Naturalist Program (uplands, freshwater, coastal)

**Procedure:** Eligible applicants should write no more than one page (up to 500 words) stating why they are interested in taking the Florida Master Naturalist Program, how they plan to use what they learn, and how they would benefit from this opportunity.

Applicants should email requests to Fluech@ufl.edu and include name, phone, address, employer, email address. Please include “Steve Gaul Memorial scholarship on your request.”
Dr. Jeff Hill is an Assistant Professor and Extension Specialist located at the UF/IFAS Tropical Aquaculture Lab (TAL) in Ruskin, FL. While officially joining the Fisheries and Aquatic Sciences faculty in 2006, Jeff has been a Gator since completing his M.S. in 1998. It was during this time that Jeff found his calling in a field that allows him to marry his love for science and fishing.

Today, Jeff’s research focuses on aquatic non-native species, tropical ornamental aquaculture, and tropical freshwater fish—including projects with what may be considered two of the most threatening invasive species to Florida’s aquatic environment: the lionfish (marine) and bulls-eye snakehead (freshwater).

Taking advantage of TAL’s experience and facilities, Jeff and collaborators are starting to look into the successful spawning of lionfish in captivity which would open up a realm of biological and ecological research opportunities as many of the control options that are being discussed involve some form of reproductive control—sterilization, super males, etc.—and all will require captive spawning.

The bulls-eye snakehead is a species that is established in Broward County and is starting to spread. Research projects have looked into the feeding and diet preferences of these fish. Results indicate that snakeheads are opportunistic predators and their diet is composed primarily of fish and decapod crustaceans. While capable of eating strongly defensive prey like crayfish very easily, they appear lazy and tire quickly (coming up to breathe a lot) if they have to chase prey very far.

In addition to other projects such as a risk analysis of blue tilapia in Florida (FWC and FDACS collaboration), a review of impacts of non-native freshwater fishes in the US (based on the USGS database; USGS collaboration), and predator-prey studies to evaluate how behavior of ornamental fishes influences their vulnerability to predators and hence risk of establishment (USDA), Jeff is a member of numerous task forces and working groups including the Florida Department of Agriculture and Consumer Services’ Transgenic Aquatic Species Task Force, the Monitoring and Detection Committee and the Research Committee of the federal Aquatic Nuisance Species Task Force and Florida’s Risk Assessment Sub-Working Group.

During his tenure, Jeff has worked throughout the state in Gainesville, the Panhandle, South Florida and Ruskin but admits that the Tropical Aquaculture Laboratory is the best thing about working for UF. In addition to the people, TAL offers great research facilities, opportunities for collaboration, and a true sense of the Land Grant Mission.

While based out of Ruskin, Jeff is committed to a two-way relationship with agents throughout the state. As a resource, he is available to answer and/or clarify information on non-native fishes and to help answer questions for stakeholders on complex and changing non-native species regulations. He has authored several extension pubs through the USDA-Southern Regional Aquaculture Center and be on the lookout for a future IST on fish identification along with related EDIS fact sheets.

While he is a willing resource, Jeff admits that he can also benefit from the local knowledge, creativity and outreach experience of county agents. Jeff is always interested in being kept up to date on what people are finding in your county. Anglers and others in the public often find the first specimens of a new non-native or one that is expanding. Furthermore, his lab is always in need of posters, signage, and brochures targeted to general or specific (e.g., boaters) audiences.
Growing up in Trinidad and Tobago, surrounded by water, Ramona Madhosingh-Hector was always interested in the coast. She began her career in Florida working for the Florida Coastal Management Program but began to feel disconnected from policies and education at the local level. Because of her interest in connecting with the population when working with coastal policy, Ramona was a perfect fit for Pinellas County’s sustainability extension position. The position, funded by an endowment for sustainable programming, is meant to provide urban environmental programs for all county stakeholders.

As a sustainability agent, Ramona’s main project at this time is “Sustainable Floridians.” Piloted in 2010-2011, the classroom series lasts seven weeks and requires 30 hours of community service. The project has been received well by her participants and by her colleagues and continues to evolve into a program that can be extended beyond the borders of Pinellas County. The main topics of the series are: land use issues, energy conservation, local foods, and community leadership.

Ramona is excited for future sustainability and land use projects such as “Land Use Planning 101.” She is collaborating with JP Gellerman and Laila Racevskis. The program is targeted at local leaders, city managers, and planning directors and will include a website and webinar series. This innovative program will provide local leaders easy access to important coastal planning and urban infrastructure resources.

Ramona is also in the process of applying for the Natural Resources Leadership Institute which includes a practicum project. If accepted, she hopes to extend “Land Use Planning 101” to homeowners with information directed towards their unique needs as part of her project.

When asked how a coastal planning background has helped her sustainability program, Ramona said that “Coastal management and natural resources [extension] programming go hand in hand. Our coast is one of our natural resources and we need to protect it. Sustainability isn’t just about energy savings.”

To learn more about this program contact Ramona Madhosingh-Hector at Pinellas County Extension.

Ramona Madhosingh-Hector, Extension Agent II, M.S.
Urban Environmental Sustainability
Pinellas County Extension, 12520 Ulmerton Rd, Largo, FL 33774-3602
Email: ramona.m.hector@ufl.edu Tel: (727) 582-2656 Fax: (727) 582-2149
October 2012 marks the two year anniversary of the first pilot offering of the Sustainable Floridians™ program. Since that time the program has grown and evolved considerably. It has garnered statewide support in the form of a program coordinator – Kathleen Ruppert, Extension Scientist with the UF Program for Resource Efficient Communities (PREC). The number of counties that have hosted the program has doubled. The amount of program-related educational resources and topics has increased dramatically. And most importantly, any agent that is interested will soon be able to easily offer the program as existing materials are being revised and new content developed.

The Sustainable Floridians™ program is a multi-module adult education/community development program that teaches participants about Florida-specific sustainability topics. Some of the topics covered include natural resource conservation and efficiency, waste reduction, local food systems, and community involvement. The number of modules will continue to grow as agents identify county-specific issues that can be addressed by the program. During the program, participants engage in thoughtful discussions, actively monitor resource use and vehicle miles travelled, and create a personalized “sustainability action plan”.

Sustainable Floridians™ has been offered a combined eleven times in five different counties – Pinellas, Leon, Marion, Sarasota, and Osceola. Lee County has plans to offer the program in February 2013. Over 130 participants have completed the program and given back nearly 3,000 hours in the form of volunteer service, public education, and group projects.

There is flexibility in how an agent can implement Sustainable Floridians™ in their own county. For example, in Pinellas County the program is used to train volunteers that become official “Sustainable Floridians” when they accumulate a certain number of volunteer hours. Marion County has required participants to complete a group project, while Leon County encourages graduates of the program to teach it to other community groups.

Thanks to the Sustainable Floridians™ Team winning the Extension Initiative Innovation Team Award at EPAF, there will be an in-service training on Sustainable Floridians™ on February 11-12, 2013. If you are interested in attending the in-service training and/or offering the program in your county, contact Kathleen Ruppert.

Kathleen C Ruppert, Extension Scientist, Ed.D.
Program for Resource Efficient Communities
2610 SW 23 Terr, Bldg. 242, PO Box 110940, Gainesville, FL 32611-0940
Email: kr@ufl.edu Tel: (352) 392-7260 Fax: (352) 392-9033
Responding to the oyster fishery collapse in Apalachicola Bay, University of Florida’s Institute of Food and Agricultural Sciences and Florida Sea Grant joined forces with local seafood producers to find ways of restoring sustainable populations of the area’s world-famous oysters.

In recent years, Apalachicola Bay has produced about 10 percent of the U.S. oyster supply, and accounted for 90 percent of Florida’s harvest. The dockside value of Franklin County’s 2011 oyster harvest was $6.6 million.

In August, the Florida Department of Agriculture and Consumer Services issued a report with bleak projections for the 2012-13 oyster harvest. When Florida’s oyster season opened Sept. 1, Apalachicola Bay oystermen found few harvestable oysters. Since then, Gov. Rick Scott has requested federal aid for the community and reports of oyster declines have come in from Dixie, Levy and Wakulla counties.

To address this concern, Dr. Payne announced formation of the UF Oyster Recovery Task Force and named Karl Havens to lead it. Havens is director of Florida Sea Grant. The task force has multiple priorities, including: learning why oyster populations declined, finding ways to help them bounce back, and identifying solutions for social and economic impacts, Havens said.

Franklin County has long hosted UF/IFAS and Florida Sea Grant oyster and ecosystem research projects. It’s home to a UF laboratory dedicated to post-harvest processing that safeguards raw oysters from Vibrio vulnificus bacteria. Members of affected coastal communities and industry will be invited to participate in the task force in the coming weeks. The task force includes UF experts on mollusk biology, aquaculture, commercial seafood processing, food and resource economics, water chemistry, environmental toxins, marine ecology, public health and more. Among them are Chuck Adams, Tom Frazer, Peter Frederick, Andrew Kane, Bill Mahan, Glenn Morris, Tom Obreza, Steve Otwell, Bill Pine, Leslie Sturmer, Craig Watson and Anita Wright. The task force is expected to officially begin work in late September but preliminary activities have already begun. Currently, Havens is taking inventory of the expertise available at UF, and assigning faculty members to address topics of concern for producers, citizens, reporters and the public.

Florida Sea Grant expects to provide funding for rapid-response research in a number of areas. Additional funding for the task force will be provided by UF/IFAS.

The future is uncertain, but team members will work toward creating a sustainable oyster management plan which will help prevent future fishery collapses like the one that has just occurred.
UF Nature Trail Project Enables Smartphone Users to Hear Insect Sounds

Visitors to University of Florida nature trails can now hear an ancient form of communication, insect songs, using one of the latest communication technologies.

Over 50 educational stations in UF’s Natural Area Teaching Laboratory now feature signs marked with QR codes, the square, black-and-white patterns that are starting to appear in print advertising. By scanning the signs with a mobile device, visitors can access digital recordings of katydids and crickets native to the area.

Jennifer Gillett-Kaufman reports it may be one of the first uses of QR codes on nature trails in Florida. “It’s a really cost-effective, easy way to add interactive content to natural areas,” Gillett-Kaufman said. She estimated the cost of the first seven signs at about $26 total - the cost of a software application to produce QR codes and printing the signs.

Additional QR code signs that link to videos, bird calls and other animal sounds are available on the publically accessible nature trails. Gillett-Kaufman hopes to establish a program to allow visitors without mobile devices to borrow them for use on the trails.

The signs include a URL visitors can use to access many of the sounds online: http://natl.ifas.ufl.edu/naturetrails/qrtrail.php

NATL Facebook and Twitter accounts have daily updates about NATL including when new signs are posted. On Facebook you can find the NATL page at http://www.facebook.com/NATL.UF and on Twitter the account is @UFNATL http://twitter.com/#!/UFNATL you can read both without logging on.

The nature trails are located in the Natural Area Teaching Laboratory at the southwest corner of UF’s main campus. The trail entrance is in a park west of the entomology building.

Jennifer L. Gillett-Kaufman, Ph.D.
Assistant Extension Scientist, Entomology and Nematology
Bldg 970 Rm 3006, PO Box 110620, Gainesville, FL 32611-0680
Email: gillett@ufl.edu Tel: (352) 273-3950 Fax: (352) 392-6532
The researchers’ primary goal will be to develop and optimize several crops as biofuel feedstocks, said Pratap Pullammanappallil, an associate professor with UF’s Institute of Food and Agricultural Sciences. The crops include high-yield biomass sorghum, sweet sorghum, pearl millet, bamboo and switch grass.

Sorghum and switch grass will likely be the group’s initial focus, he said. The UF researchers will concentrate on improving technology for converting biomass to fuel. Much of the work will take place in the Biofuels Pilot Plant on the UF campus and the Stan Mayfield Biorefinery Pilot Plant in Perry, a joint venture between UF and Buckeye Technologies Inc.

“Another goal is to expand our capacity to utilize waste streams in the cellulosic ethanol conversion process,” he said. The researchers will investigate ways of using spent feedstocks, wastewater and other materials to produce additional bioenergy and products such as fertilizers and bioplastics.

Pullammanappallil, based at the agricultural and biological department, is the team’s principal investigator. Other UF faculty members on the team are: Zhaohui Tong of agricultural and biological engineering; Lonnie Ingram and Keelnatham Shanmugam of microbiology and cell science; Ramesh Reddy, George O’Connor and Ann Wilkie of soil and water science; and Wilfred Vermerris of agronomy.

Known as the Joint Clean Energy Research and Development Center, or JCERDC, the project is aimed at reducing energy consumption, cutting dependence on petroleum products and increasing use of renewable fuels.

The UF-led team will develop biofuels derived from inedible plant material. Two other research teams, led by the National Renewable Energy Laboratory and Lawrence Berkeley National Laboratory, will focus on solar energy and energy efficiency of buildings, respectively. Total funding for the biofuels project is about $21 million, including about $2.7 million in federal funding destined for UF.

“This award highlights many of the attributes that make the University of Florida a world-class research institution,” said David Norton, UF vice president for research. “It illustrates our commitment to building interdisciplinary partnerships, both domestically and internationally, to achieve important scientific goals such as developing renewable clean-energy solutions.”

Also on the UF-led team are the University of Missouri, Virginia Tech, Montclair State University, Texas A&M University, Show Me Energy Cooperative, and Green Technologies. They will work with a counterpart team based in India and led by the Indian Institute of Chemical Technology-Hyderabad.
On July 18th and 19th Sarasota Extension Sea Grant and 4-H partnered to create a 4-H Kids Fishing Tournament called “The 4-H Trash Can Grand Slam- Where a Catfish counts as much as a Redfish.” This program provides an opportunity to bring families together for a day of fishing, community, and education. Forty participants attended the two day tournament designed to provide a better understanding of the importance, diversity and issues surrounding Sarasota Bay.

**Day 1**–Just as any tournament has a captain’s meeting the “4-H Trash Can Grand Slam” held a captains meeting providing participants an opportunity to learn about marine diversity through a seining activity where parents and kids got wet in the bay! They were then asked to classify their catch into their proper scientific classes and present their specimens to the group. After a few hours the group was then given a tour of the Mote Marine Aquarium where they furthered their education about the diverse marine habitats of Florida bays and estuaries. The participants were then rewarded with a complementary fishing rod and reel provided by the Fish Florida grant program.

**Day 2**– The Junior Captains arrived at the fishing pier, some with their own fishing equipment. Some even sported brand new fishing rods and reels they received the day before! The rules (catch and release) of the tournament were explained to the Junior Captains and they were taught basic fishing skills. At the conclusion of the tournament each child was given their prize and a certificate for being an ethical angler.

A post event survey found that the tournament youth participants achieved an 85 % knowledge gain in relating to coastal ecosystems, were able to identify and classify 15 different species of marine fish and invertebrates, developed collecting skills of live coastal species, learned to determine the age of fish and developed an understanding of fish habitat restoration projects. One hundred percent of participants practiced ethical angling principals.

The outcomes of the tournament are many. The two day tournament has enabled staff to provide a more intensive and effective learning experience for a wide range of children from ages 6-17. Additionally, by actively engaging the children and parents in hands on educational activities on the first day of the event, instructors were able to provide a secondary educational impact on the parents and guardians of those same children without holding or providing additional classes or materials. Lastly, partnering with 4-H is always a great experience! There is always a positive energized laid back approach that makes working together a pleasure. The opportunity to partner with 4-H staff has opened many new avenues to audiences (4-H youth and parents) that were previously out of reach. 4-H clubs members are eager to learn, well behaved and willing and able to actively adopt new behaviors and appreciation for our coastal waters!
FANREP Membership Update

What will stay the same:

- Send any updates/changes to your membership information to the FANREP membership chair (via e-mail).
- Send an e-mail to the FANREP membership chair showing your confirmation of payment of dues from Paypal/ANREP.
- The deadline to join or renew your ANREP/FANREP membership (for 2013) will be December 31, 2012.

What will change:

In order to reduce confusion and streamline fiscal processes, FANREP will no longer accept membership renewal payments.

**ALL MEMBERSHIP DUES FOR 2013 AND BEYOND SHOULD BE PAID DIRECTLY TO ANREP VIA THEIR WEBSITE (HTTP://WWW.ANREP.ORG/JOIN).** Payments can be via check or Paypal. Membership dues will remain at $80 ($45 for ANREP and $35 for FANREP).

EXCEPTIONS:

- If you are a new agent (1st year), your FANREP dues are waived for that year, so you only have to pay $45 to ANREP.
- If you only want to be a member of FANREP and not ANREP (we really don’t recommend this), send your dues of $35 to the FANREP membership chair. Make check payable to “ANREP, Florida Chapter”.
- The current FANREP membership list (for 2012) is available on the website (http://anrep.ifas.ufl.edu/) and is sorted by district.

FANREP Scholarship Update

- Your membership dues must be paid for the current year in which you’re applying for a scholarship.
- The maximum scholarship amount that will be awarded per member is $500.00.
- The member receiving the scholarship must present at the conference/meeting (speaker, abstract, poster, etc.).
- Only 1 scholarship will be awarded to a member in a given year.
- The total number of scholarships awarded each year will be based on available funds.
- The deadline to receive scholarship requests is February 28th.
FANREP is a statewide association for Cooperative Extension Service (CES) professionals working in environmental education, fisheries, forestry, wood sciences, Florida Friendly Landscaping (FFL), waste management, water, wildlife, community development and related disciplines. The main objectives of FANREP are:

- Bring Extension professionals together to discuss mutual natural resource issues, needs, and opportunities.
- Advance natural resource Extension through continuing education for Extension professionals.
- Promote cooperation among states and regions, agencies, associations, and businesses on natural resource education programs.
- Develop, sponsor, and promote education and training programs that advance natural resource management.
- Strengthen communication with Extension administrators

### Board Members

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<td>President</td>
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<td>President Elect</td>
<td>Scott Jackson</td>
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<td>Secretary</td>
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<td>Treasurer</td>
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### District Directors

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<td>Fred Vose</td>
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<td>3 (Central)</td>
<td>Lloyd Singleton</td>
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<td>4 (South Central)</td>
<td>Robert Kluson</td>
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<td>5 (South)</td>
<td>Lisa Krimsky</td>
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### Committee Chairs

- **Scholarship:** Marina D'Abreau
- **Newsletter:** Joan Bradshaw
- **Awards:** Robert Kluson
- **Abstract:** Holly Abeels, Lisa Krimsky, Brooke Saari
- **Membership:** Marina D'Abreau
- **Technology/Website:** Lisa Krimsky

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FANREP Newsletter is designed and compiled by Joan Bradshaw, UF IFAS Citrus Co Extension