

I. Faculty activities are reported to the University of Florida under 14 county major program initiatives. The goal and focus numbers identify the program with the University of Florida Statewide goals and focus areas. (Primary faculty contact, but many programs are collaborative)

Jordi:

**County Extension Community and Leadership Development (Jordi & Bell) 33 attendees**

- Developed the Overall Extension Program Monthly report to County Manager
- Taught and facilitated monthly staff meeting – 7WF
- Interviewed five 4-H candidates in Gainesville – Dr. Obreza, Dr. Simonne, Stacey Ellisono, Kelsey Irvine – 4 participants
- Interviewed four 4-H candidates in Callahan – 4-H youth Madison, Wanda Simmons, Justina Dacey, Kelsey Irvine, Meg McAlpine, Dr. Simonne, 6 participants
- Attended and participated in County department head meeting 15 participants – Amy Bell
- Worked on demonstration garden & research plot (Monrovia)
- Covered EOC in 12 hour shifts Monday through Wednesday, few hours on Sunday

**State Initiative 2: Enhancing/Protecting Water Quality, Quantity, and Supply**

**I. Florida Friendly Landscapes – total 392; 307 participants; volunteer: 85 participants**

- Managed Plant clinics by answering questions from public – 121 participants including plant disease diagnosis and insect and plant identification. Water conservation is always discussed as it directly relates to the reduction of disease. The cost for analysis of plant diseases from UF/IFAS would potentially cost clients \$75 per sample for a total savings of \$9,075. Forty-two of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$3,150. **Total savings to Nassau County residents this month: \$12,225**
- Organized and managed Master Gardener volunteers who provide telephone coverage by answering questions to the public on Fridays from 10am to 2pm. The paraprofessional volunteer time is valued at \$24.69\* an hour according to 2018 Florida data from the Independent Sector. The volunteer office hours provided Master Gardeners was 16 hours which totaled \$395.04. Additional time was donated to one of the two demonstration gardens for plant selection, plot preparation, planting, watering, fertilizing and general care for a total of 33 hours which totals to \$814.77. **Total amount of volunteer time donated was valued at \$1,209.81\* \*([http://independentsector.org/programs/research/volunteer\\_time.html](http://independentsector.org/programs/research/volunteer_time.html)).**
- Performed 25 pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$75. Each test also includes phone/e-mail consultation with analysis and best management practices for optimal plant growth and production which may also include appropriate plant selection for the Northeast area. A reasonable cost for a personal consultation in the private sector would be \$25 per person for savings of \$625. **Total savings to Nassau County residents \$700.**
- Taught and conducted Master Gardener update meeting – **17 attendees: 1WM, 1BF, 15WF**
- Instructed new Master Gardener volunteers on office orientation – **3 participants; 1BF, 1WF, 1WM**
- Taught Landscape Matters class – Abiotic Disorders on ornamental plants – **9 attendees; 1BF, 1WM, 7WF**
- Taught Crash Course in Florida Gardening 12 hours – **140 participants; 16M, 124F; 136W, 4B**
- Developed Power Point presentations: PowerPoint Presentation Landscape Matters: Abiotic disorders 42 slides and Troubleshooting Lawn grass 32 slides; developed a 1-page fact sheet – Herbicides for Homeowners
- Edited Harvest Gold and Spotlight on Gardening for newspapers
- One site visit to homeowners for inspection of palm damage after Dorian valued at \$150 per visit for a **total savings to Nassau County residents of \$150**

- Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50 an hour, as of 2016. **Total savings to Nassau County residents for 16 hours of instruction is \$800. Horticulture savings to the county - \$15,084.81**

**Volunteers: Total: 85**

- Landscape Matters class – Nelson Peterson: Lawngrass, 33 attendees; 32W, 1B; 11M; 22F
- Garden club presentation – Yvonne Harrell: Fall Gardening, 12WF
- Landscape Matters – Vegetable Gardening 40 participants; 39W, 1B; 8M, 32F
- Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50 an hour, as of 2016. **Total savings to Nassau County residents is \$150.**

**II. Green Industry/Best Management Practices – total 9 participants**

- Provided 5 phone/e-mail consultations which include water conservation and best management practices for the environment and one on one consultations for county employees valued at \$75 per consult, total savings \$225
- Proctored pesticide test for one participant – value is \$50 per hour for **total of \$100**
- Instructed on individual from school board on appropriate teaching material for state licensure and appropriate license for state of Florida. Two visits valued at **\$150**
- Conducted zero site visits - \$200 per diagnostic visit which provided pest identification and best management practices. **Total savings to pesticide businesses/City of Fernandina Beach/Nassau County valued at \$zero.**
- **Total savings for local landscape businesses - \$475**

**State Initiative 7, Focus 1: 4-H Youth Development – total 94 youth**

- Taught, facilitated, managed Top Tomatoes - volunteers Libby Wilkes and Jacquie Galbreath - Yulee Jr. MG 4-H club with Boys and Girls club – 30 participants youth; 3BF; 3AF; 6WM, 18WF
- Taught, facilitated, managed America's Youth – volunteer Wendy Priesand - FB Jr. MG 4-H club – 56 youth totals: 12W, 44B; 36M, 20F
- Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50 an hour for 9 hours as of 2016. **Total savings to Nassau County residents is \$450**

**Other County and University Events:**

- Inservice Training on IPM in Citra Florida
- Inservice Training on Invasive species

**Total ROI for Horticulture program for September 2019: \$16,159.81**

**McAlpine:**

**State Initiative 5: Human Development and Family/Aging Well – total 19 participants**

- Provided specialized Medicare clinics to seniors: 13 participants: 8WM, 5WF
- Trained and supervised FCS Medicare Outreach Volunteer: 2 participants: 2WF
- FCS Medicare Outreach Volunteer clinics: 4 participants: 2WM, 2WF (8 hours of service)

**Return of Investment: Teaching – 17 hours x \$50/hour = \$850; volunteer hours 12 x \$23.33=\$279.96**

**State Initiative 5: Food Safety and Nutrition – total participants: McAlpine 60 participants, Cox 323 Participants**

- Taught 1 Garden & Nutrition Class “Seeds and Needs” at Pak’s Afterschool Program: 24 participants: 11WM, 1AM, 10WF, 2AF
- Worked in Pak’s Garden
- Taught Homemade Entrepreneurship Class “Food Safety Part 1.”: 11 participants: 9WF, 2BF, 1HF
- Taught Homemade Entrepreneurship Class “Food Safety Part 2.”: 11 participants: 9WF, 2BF, 1HF
- Taught Homemade Entrepreneurship Class “Food Safety Part 3.”: 11 participants: 9WF, 2BF, 1HF

- Taught workshop “Keeping Food Safe.”: 3 participants: 3WF
- Attended and participated in FCS district planning regarding development of Pressure-Cooking curriculum

**Family Nutrition Program: Denis Cox**

- Taught 24 Nutrition Classes at Yulee Primary and Callahan Elementary Schools: 227 participants: 9BM, 1HM, 99WM, 11BF, 2HF, 105WF
- Taught 12 ARC Cooking Matters Nutrition Program: 96 participants: 2BM, 51WM, 3BF, 40WF

**Return of Investment: McAlpine Teaching – 7 hours x \$50/hour = \$350; Cox FNP monthly grant dollars \$2,000**

**State Initiative 5: Family Financial Management – total 13 participants**

- Assisted low income Medicare recipients complete Federal and State medical and prescription drug subsidy applications (total savings of \$8,000): 2 participants: 1WM, 1WF
- Co-taught Homemade Entrepreneurship Class “Marketing your Business.”: 11 participants: 9WF, 2BF, 1HF

**Return of Investment: Teaching 3 hours X \$50/hour = \$150; Medicare Saving Programs \$4,000**

**Other County and University Events – total: 0 participants**

- Attended and participated in Monthly Staff Meeting
- Recruited Judges for Northeast Florida Fair
- Mentored – new FCS Agent - Bradford County
- Completed UF/IFAS Recommendation for FCS Agent

**Irvine:**

**Initiative 7, Focus 1: Organizational Strategies and Learning Environments to Support Youth**

**Development – Total: 61 participants; volunteers – zero**

- Co-Taught in YLN Orientation, Total: 54 participants. 13M, 30F, 6B, 4HP, 1H, 43W.
- Co-Led pre YET organization meeting, 5WF
- Participated in Cherry Lake Advisory Meeting
- Equine Partnership Meeting at Traders Hill Farm, 1WM, 1WF

**Initiative 7, Focus 2: Volunteer Recruitment, Development, Management, and Retention. Total: 1 participants; volunteers – zero**

- Taught Major Mentor Training to Youth Emergency Team Volunteers, 1WF

**Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 220 participants; agent - 220; volunteer –none**

- Taught Club Officer Info to Barnyard N Beyond, Total: 26 participants. 12M, 14F, 26W.
- Taught Club Officer Info to Next Generation, Total: 46 participants. 13M, 33F, 46W.
- Taught Project & Record Book Workshop, Total: 42 participants. 12M, 30F, 40W, 2AN.
- Co-Taught Hippology, Total: 22 participants. 4M, 18F, 22W.
- Co-Led District Council Meeting, scholarship committee
- Co-Taught Youth Leadership Nassau Team Building, Total: 27 participants. XM, XF, 3B, 1HP, 23W.
- Co-Taught Youth Emergency Team, Fire, Total: 19 participants. 7M, 12F, 19W.
- Co-Taught Youth Emergency Team, Medical: 18 participants. 7M, 11F, 18W.
- Co-Taught Livestock Judging, Total: 16 participants. 5M, 11F, 16W.
- Facilitated Youth Attendance at Southern Region Teen Leadership Conference in TN, 4WF.

**Volunteers, Total – 128 participants**

- Taught Various Subjects at Community Club Meetings, Total: 128 participants. 54M, 74F, 116W, 2A, 8B, 2H

**Return on Investment (ROI)**

- Calculation of economic value of trained volunteers’ contribution to extension programs: According to 2017 Florida data from Independent Sector ([http://independentsector.org/programs/research/volunteer\\_time.html](http://independentsector.org/programs/research/volunteer_time.html)) the estimated dollar value of a volunteer hour is \$23.33. In Extension, trained volunteers are contributing to

Extension programs by dedicating their time, skills, talent and expertise under supervision or guidance of faculty. **Volunteers contributed total of 97 hours valued at \$2,263.**

- Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50 an hour, as of 2016. **Therefore, the ROI for instructional hours for this 4-H UF/IFAS Extension Faculty is \$1,400 (28 hours).**
- Calculation of economic value of personal consultations including club and project recommendations is valued at \$75/hour. **Therefore, the ROI for the month of June is \$225 (3 hours).**

**Therefore, the total ROI for the month of September is \$3,888.**

#### **Other Events:**

- Completed UF TEAMS webinar training
- Club Led donations drive for Hurricane Dorian Bahamas relief
- Participated in monthly staff meeting

#### **Dacey:**

#### **State Initiative 3: Enhancing and conserving Florida's natural resources and environmental quality**

##### **Focus 2: Natural Resource Operations – total 103 agent taught participants; volunteers: 28**

Conducted diagnostic site visits and one on one discussion with this agent involve living shoreline recommendations, disease and insect detection, best management practices to protect water quality and conservation in addition to reducing run-off and leaching of pesticides and chemicals into water bodies. Each of these meetings includes providing clients with University of Florida research-based information.

- Provided 69 email/phone consultations, valued at \$75 per consult, **total savings to residents \$5,175**
- Provided 1 diagnostic office visits valued at \$75 per consult, **total savings to residents \$75**
- Provided 5 diagnostic site visits valued at \$200 per consult, **total savings to residents \$1,600**
- Taught "Russian Thistle on Amelia Island" **4 events, total participants: 28, 13M, 15F**
  - 28 total volunteers removed 12 trash bags and 1 large truck load from Amelia Island beaches. Total volunteer hours provided during the month were 120 x \$24.69/hr., **total savings \$2,962.80**

##### **State Initiative 7: Focus 1: 4-H Youth Development Natural Resources – total 0 youth; volunteers; 1**

- One youth collected & analyzed water samples for microplastics citizen science project, 30 hours x \$24.69/hr, **total savings \$740.70**

##### **Focus 3: Environmental Literacy and Stewardship - total: 75 agent taught participants; volunteers: 58**

- Taught "Diverse methods for living shorelines" for National Public Lands Day, **total participants: 48, 40W, 3AA, 5A**
  - 48 total volunteers planted 500 salt marsh grass plants for a living shoreline. Total volunteer hours provided during the month were 144 x \$24.69/hr., **total savings \$3,555.36**
- Organized and managed NE Florida Master Naturalists officer meeting, **total: 9 participants, 1HM, 3WM, 3WF**
  - Each officer contributed approximately 20 hours of time (6 hours for meeting, event planning and coordinating (8)). Total volunteer hours provided during the month were 180 x \$24.69/hr, **total savings \$4,444.20**
- Conducted one horseshoe crab nesting beach monitoring event with volunteers. Data from the surveys is collected by Florida Fish and Wildlife Conservation Commission (FWC) for a statewide Citizen Science program for horseshoe crab monitoring and protection. Survey events involved monitoring 2 different sections at Fort Clinch State Park Beach for 2 hours each, **total: 27 participants: 7WM, 20WF**. In the private sector, this effort would require at minimum a project manager (\$110/hr.), 2 scientists (\$60/hr.), and 3 assistant scientists (\$45/hr.) for a total cost of \$365/hr. Between 3 events, there were 18 monitoring hours total (\$365 x 18 = \$2,190), **total savings \$6,570**

- Organized and managed Horseshoe Crab Watch leaders. Each leader contributes ~8 hours of time outside of monitoring events, 3 volunteers contributed 24 hours. 24 hours x 24.69/hr., **total savings \$592.56**

- **Return of Investment: Dacey Teaching – 6 hours x \$50/hour = \$300; Total Volunteer Hours: 572 x \$24.69 = \$14,122.68 = total 14,422.68**

**Total ROI: \$28,142.68 for Initiative 3**

**State Initiative 1: Increasing the sustainability, profitability, and competitiveness of agricultural & horticultural enterprises. Total: 45 agent taught participants; volunteer: 0 participants**

- Conducted diagnostic site visits and one-on-one discussions involving small farm recommendations on disease and insect detection, best management practices (BMP) to protect water quality
- Assisted owners and producers with goals related to crop production, pasture management, livestock, timber and recreational pond management
  - Provided 68 diagnostic email/phone calls valued at \$75 per consult, **total savings to residents \$5,100**
  - Provided 5 diagnostic office visits valued at \$75 per consult, **total savings to residents \$375**
  - Conducted 8 pH soil tests at the local office from this agent and Office Administrator I, which saved county residents \$24. Each client also received an email/phone call with analysis and best management practices (BMP) for optimal plant growth and production. A reasonable cost for a personal consultation in the private sector would be \$25 per person for a savings of \$200; **total savings to residents \$224**
  - Taught “Cool-Season Forages” for NFLAG Small Ruminant Workshop, **total participants: 32, 40W, 3AA, 5A**

**State Initiative 7; Focus 1: 4-H Youth Development Agriculture – total 16 youth; volunteers 0**

- Co-Taught “4-H/FFA Livestock Judging Cattle” **total participants: 16 Y, 5WM, 11WF,**

**Total ROI: \$5,699 for Initiative 1**

**The total ROI for this agent and volunteers in September for all program areas was \$33,841.68**

\*\*\*Volunteer time is valued at \$24.69/hr according to 2018 Florida data from the Independent Sector.

**Other Events:**

- Participated in monthly staff meeting
- Participated in UF/IFAS Invasive Species Council Meeting
- Participated in First Coast Invasive Species Working Group Quarterly Meeting
- Attended Webinars on:
  - Cover Crops webinar
  - Human Consumption of Microplastics: An Initial Estimate
- Attended Florida Master Naturalist Program Instructor Mentor Webinar
- Updated NE FL Master Naturalist webpage & group calendar
- Updated Nassau County calendar
- Scouted for Russian Thistle at Peters Point
- Led online Zoom meeting for Horseshoe Crab Leaders
- Created content for Goffinsville Educational Signs with IFAS Communications
- Organized invasive species removal events – October & 2020.
- Created Eventbrite for LCLM Class for Professionals
- Worked on ROA/POW

**II. Number of Publications, original or adapted educational materials prepared:**

**Jordi: Total Readership of publications: 128,000 (excluding PSA and UF blogs)**

- “Garden Talk” News-Leader (3X), Westside Journal; **Total: 42,000**; Frog fruit ground cover, poison ivy, mealybugs
- Crash Course on North Florida Gardening photos - Westside Journal, Nassau County Record; **Total: 16,000**
- “Spotlight on Nassau Gardens/Lisa Buben” – Westside Journal, Nassau County Record **Total: 16,000**
- LM Veggies class photos (2) – News Leader, Westside Journal **Total: 22,000**
- LM Turf class photos - News-Leader, Westside Journal; **Total: 22,000**

- New MGs photo announcement - Fernandina Beach News Leader; **Total: 10,000**
- **UF Blog 416; Pinterest 2,860; Facebook 9,907; Social media: 32,360**

**Total PSA published: 2,246,712**

**McAlpine: Total Readership of publications: 10,036 (excluding PSA and UF blogs)**

- Newspaper article "e-cigarettes CDC and FDA Update" published in Fernandina Beach Newsleader **Total: 10,036**
- Seeds and Needs **Total: 25**
- Developed 3 Powerpoints : Food Safety I, II, III (25 slides) **Total 11**
- FCS Blogs "Nassau County Transit," "E-cigarettes" **Total 221**
- FCS Facebook "Nassau County Transit," "E-cigarettes" **Total 192**

**Total PSA published: 60,000**

**Irvine: Number of Publications, original or adapted educational materials prepared: Total: 26,654**

- Published "Nassau 4-H Receives State Recognition" for the UF/IFAS blog, **Total: 177**
- Published Friday Flyer x2, **Total: 477**
- Published "4-H Receives State Awards" for Westside Journal (10,000), FB Newsleader (12,000), and Nassau County Record (4,000), **Total: 26,000**

**Volunteer written Publications, original or adapted educational materials prepared: none**

**Dacey: Total Readership of publications: 2,030 (excluding PSA and UF blogs)**

- Created "Small Ruminant Workshop," – flyers, **Total: 300**
- Created "Diverse Methods for Living Shorelines," script/activity – **Total: 48**
- Updated "Natural Resources & Agriculture" newsletter – **Total: 150**
- Updated "Livestock Judging" 36 slides ppt **Total: 16**
- Created "Cool-Season Forages for Small Ruminants" 38 slides ppt., **Total: 32**
- Created "Cool-Season Forages for Small Ruminants" handout 2 pgs., **Total: 32**
- Created "Cool-Season Forages for Small Ruminants" script 8 pgs., **Total: 20**
- Created "Small Ruminant Workshop" evaluation 2 pgs. **Total: 32**
- Wrote "Invasive Pasture Weeds" Northeast Farm and Ranch Regional Newsletter, **Total 1,800**
- Facebook page (7 posts x 552 followers = 3,864) with one post 8,431 reach **Total: 12,295**

**Total PSA published: 150**

### **III. Key Productivity Indicators Totals for Month:**

Number of educational contacts by phone, mail, newsletter, groups, or personal consultation:

Educator	Number of groups	Number of participants	Mail and e-mail	Phone calls	Walk in visits	Site visits	Readership of publications	UF Blogs /Social Media
Jordi	8	613	3/57	38	42	1	128,000	416/42,267
McAlpine	44	415	1/16	13	0	0	10,036	221/192
Irvine	16	410	6/145	80	3	3	26,000	177/16,223
Dacey	10	239	0/107	30	6	7	1,848	0/12,295
<b>Total:</b>	<b>78</b>	<b>1,677</b>	<b>10/325</b>	<b>161</b>	<b>51</b>	<b>11</b>	<b>165,884</b>	<b>814/70,977</b>
<b>*ROI</b>								<b>61,520</b>

**\*Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50, as of April 26, 2016. In addition, the value of diagnostics visits, soil analysis, Continuing Educational Units (CEU), volunteer 61.520hours, grants, and Medicare savings are also included.**

### **IV. Projected (2-month) out-of-county travel, all at no cost to county except use of county vehicles:**

**Jordi:**

October	29-30	Statewide CED Gainesville - presenting
November	12-13	Regional CED meeting - TBD

**McAlpine**

October	None
November	None

**Irvine**

October	10-20	Northeast Florida Fair
November	18-19	IAEM Conference, Savanna GA

**Dacey**

October	1	Salt Marsh Policy Meeting, Ponte Vedra, FL
	4	NFLAG Meeting Gainesville, FL
	28-30	Natural Resources IST, Gainesville, FL
November	14	UF/IFAS Invasive Species Council, Gainesville, FL