

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 Program Leadership & Administration Goal 7-Focus 5 (Jordi) 11 attendees

- Developed the Overall Extension Program Monthly report to County Manager
- Attended/participated in staff meeting – 7WF
- Worked in Demonstration Garden
- Ordered plants for propagation
- Worked on Zoe's Mission – editing
- Met with 4-H agent to review annual report and objectives
- Met with Natural Resource agent to review annual report and objectives
- Met with 4-H agent to discuss improving relationship skills

Florida Friendly Landscapes; Volunteer Recruitment and Management – total 143; 111 participants; volunteer: 32 participants

- Managed Plant clinics by answering questions from the public – 104 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 \$7,800. Forty-four of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$3,300. **Total savings to Nassau County residents this month: \$11,100.**
- 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 \$23.33* an hour according to 2017 Florida data from the Independent Sector. The volunteer office hours provided Master Gardeners was 12 hours which totaled \$279.96. 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 \$769.89. **Total number of office hour and demonstration garden valued at \$1,049.85.**
*(http://independentsector.org/programs/research/volunteer_time.html).
- Performed nine pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$27. 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 \$225. **Total savings to Nassau County residents \$252.**
- Edited Spotlight on Gardening – written by 2 volunteers; Bea Walker & Libby Wilkes
- Conducted four site visits – trees dying – planting depth, Fernandina Beach; **savings for resident is \$600;** 4WM, 3WF

Volunteers: Total: 32

- Taught Landscape Matters class – Salt tolerant plants by Anne Karshis– 16 attendees; 1WM, 15WF
- Taught Landscape Matters class – Irrigation – Karl Shaffer/Lynn West – 16 attendees; 6WM, 10WF
- 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 these events UF/IFAS Extension Master Gardener volunteers is \$100 (2 hours)

Green Industry/Best Management Practices – total 15 participants

- Conducted one commercial and municipal site visit which would cost the business \$200 per consult for a savings of **200**; 2 participants: 2WM
- Provided eleven phone/e-mail consultations valued at \$75 per consult, total savings **\$825**. Water conservation is always discussed as it directly relates to the reduction of disease.
- Proctored Core and Forestry tests
- **Total savings for local landscape businesses - \$2,825**

Environmental Science Youth Education – total 121 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 4x a month
- Taught, facilitated, managed America's Youth – volunteer Wendy Priesand - FB Jr. MG 4-H club – 56 youth totals: 12W, 44B; 36M, 20F; taught 4 times a month
- Taught Yulee High School 15 youth: 10WM, 1BM, 1HF, 3WF
- Callahan Middle School Career Day – 20 youth: 15WM, 5WF

ROI – value of teaching is \$50 per hour; total number of hours taught was 10 hours for a total value of \$500

Other County and University Events:

- Worked on designing 3 pond plantings for retention pond at Wildlight and Miner Road with Alachua County Extension agent Taylor Clem and Nassau County agent Justina Dacey, 2 Master Gardener volunteers (Shirley Lohman and Elaine Roblez)
- Identified invasive species with UF Herbarium for Egan's Creek – City of Fernandina

McAlpine:**State Initiative 5: Human Development and Family/Aging Well – total 27 participants**

- Provided specialized Medicare clinics to seniors: 16 participants: 8WM, 2HM, 8WF
- FCS Volunteer provided 5 specialized Medicare clinics (15 hours): 10 participants: 4WM, 6WF
- Provided training and support FCS volunteer (5 hours): 1 participant: 1WF
- FCS volunteer hours 20

Return of Investment: Teaching – 12 hours x \$50/hour = \$600; volunteer hours - 20 x \$23.33=\$466.60

State Initiative 5: Food Safety and Nutrition – total 613 participants: McAlpine 60 participants, Cox 553 Participants

- Taught 3 Nutrition and Gardening classes (Plant Families, Guard Family, Root Vegetables) at Pak's Afterschool Garden and Nutrition Club: 60 participants: 27WM, 33WF
- Multi-County Meeting with St. John's FCS Agent to plan workshop on nutritional benefits using electric pressure cooker

Family Nutrition Program: Denis Cox

- Taught 6 nutrition classes at ARC and MCCI 121 participants: 63WM, 3BM, 55WF
- Taught 24 nutrition classes to youth at CES and YPS School: 432 participants: 12BM, 1HM, 198 WM, 17BF, 2 HF, 202 WF

Return of Investment: McAlpine Teaching – 9 hours x \$50/hour = \$450; Cox FNP monthly grant dollars \$2,000

State Initiative 5: Family Financial Management – total 6 participants

- Taught Fresh Start (3-hour financial education program) to unbanked adults: 3 participants: 1WM, 1BM, 1WF
- Assisted low income Medicare recipients complete Federal and State medical and prescription drug subsidy applications (total annual savings of \$9,000): 3 participants: 2WM, 1WF

Return of Investment: \$9,000

Other County and University Events – total: 5 participants

- Recruited 15 volunteers to judge Home Art Entries at Northeast Florida Fair
- Judged Home Art Entries at Northeast Florida Fair
- Assisted with 4-H Livestock Judging at Northeast Florida Fair
- Participated in monthly staff meeting
- Completed DocuSign UF/IFAS Online Training
- Participated in BOCC Nassau County's Drug Policy Mandatory Training
- Provided service (3 days) to the UF/IFAS as Permanent Status (PS) and Promotion (P) Committee Member; served on a committee of 8; reviewed 21 faculty packets; concluded with a presentation to 5 Deans: 5 participants: 1AM, 4WM

Poppell:

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

Development – Total: 29 participants; volunteers – zero

- Participated in District 6 Work Day
- Participated in Citizenship-Leadership Action Team meeting
- Participated in POW/ROA Crash Course

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

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 141 participants; agent – 57; volunteer – 84

- Taught "Leadership Styles" at County Council, Total: 8 participants, 8W, 6F, 2M
- Co-facilitated Northeast Florida Fair Livestock Shows, Livestock and Poultry Judging Contests, and Home Arts Contest (10 days)
- Taught "I am a Scientist Lesson One" at Wildlight Elementary, Total: 16 participants, 12W, 1B, 2H, 1AS, 7F, 6M
- Taught "Model the Way" at Youth Leadership Nassau, Total: 33 participants, 26W, 2B, 2AS, 2H, 1NH/PI, 24F, 9M

Volunteers, Total – 84 participants

- Taught various subjects at community club meetings, Total: 84 participants, 81W, 3B, 48F, 36M

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) the estimated dollar value of a volunteer hour is \$22.70. 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 22 hours valued at \$499.40**
- 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 the month of October for this 4-H UF/IFAS Extension Faculty is \$150 (3 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 October is \$150 (2 hours)**

Therefore, the total ROI for the month of October is \$799.40

Irvine:

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

Development – Total: 8 participants; volunteers – zero

- Participated in District 6 Work Day
- Facilitated Tractor Supply Co. Paper Clover Fundraiser and Educational Booth: 5 volunteers. Raised \$287.10
- Participated in NE District 4-H POW/ROA Crash Course
- Led Young Riders Parent information meeting, Total: 8 participants. 4M, 4F, 6W, 2A
- Participated in Monthly Staff Meeting

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

- Participated in Hippology Coach Recruitment/education, Total: 1 participant. 1W, 1F

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 114 participants; agent - 85; volunteer – 0

- Co-Taught Youth Emergency Team (x3 days), Total: 33 participants. 14M, 19F, 27W, 6B
- Co-Taught Hippology, Total: 48 participants. 9M, 39F, 44W, 2B, 2H
- Co-taught 4-H/FFA Livestock Judging, Total: 16 participants. 3M, 13F, 14W, 2B
- Taught Environmental Science at HMS (x 2 days), Total: 41 participants. 12M, 29F, 37W, 2B, 2H
- Clerked 2 youth shows, conducted Herdsman Awards, Clerked/Co-facilitated two multi-county judging contests (Livestock and Poultry) at Northeast Florida Fair

Volunteers, Total – 90 participants

- Taught Various Subjects at Community Club Meetings, Total: 90 participants. 72M, 18F, 74W, 15B, 1A.

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) 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 73 hours valued at \$1,703.09**
- 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 the month of November for this 4-H UF/IFAS Extension Faculty is \$950 (19 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 August is \$150 (2 hours)**

Therefore, the total ROI for the month of August is \$2,803.09

Other Events:

- Trick or Treat Hurricane Relief Event. Collected goods to be donated to panhandle, Total: 20 participants. 6M, 14F, 20W

Dacey:

Initiative 1: Increasing the sustainability, profitability, and competitiveness of agricultural & horticultural enterprises. Total: 26 agent taught participants; volunteer: zero 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 15 email/phone consultations valued at \$75 per consult, **total savings to county residents \$1,125**
 - Provided 5 office visit consultations valued at \$75 per consult, **total savings to county resident was \$375**
 - Conducted 4 pH soil test for 4 clients at the local office from this agent and Office Administrator I which saved county residents \$9. Each client also received a phone/e-mail consultation 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 \$100; **total savings \$84**

- Conducted 1 farm site visit, valued at \$200/hour, to identify grass and weeds for meat goat pasture & provided recommendations for pasture management and herbicide treatment, **total savings \$400**

State Initiative 7, Focus 1: 4-H Youth Development – total 26 youth

- Taught “Livestock Judging II” – PowerPoint, 80 slides. Adapted from Luke Harlow, **total: 15 youth attendees 7 adults 15W, 4M/11F**
- Taught “Sheep & Goat Parts Activity” during Northeast Florida Fair Livestock Judging – **total: 12 youth attendees, 8WM/4WF**

Volunteers:

- **Return of Investment: Dacey Teaching – 3 hours x \$50/hour = \$150; Volunteer Hours: 0**
- Total ROI: \$2,134 for Initiative 1**

Initiative 3: Enhancing and conserving Florida’s natural resources and environmental quality

A. Focus 2: Natural Resource Operations – total 41 agent taught participants; volunteer: 91 participants

- Conducted diagnostic site visits and one on one discussion with this agent involve 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 include providing clients with University of Florida research-based information.
- Provided 15 email/phone consultations, valued at \$75 per consult, **total savings \$1,125**
- Conducted two horseshoe crab nesting beach monitoring events 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: 18 participants: 5WM, 4WF**. In the private sector, this effort would require a project manager (\$110/hr), 2 scientists (\$60/hr), and 3 assistant scientists (\$45/hr) for a total cost of \$365/hr. There were 9 volunteers per event x 2 hours = 18 x 2 events = 36 training monitoring hours total (\$365 x 36 = \$13,140), **total savings \$13,140**
 - Organized and managed volunteers who participated in the events. Each participant gave 3 hours of time per monitoring event (2 hours for monitoring, 30 min for debriefing/training, and 30 min for travel around site). This paraprofessional volunteer time is valued at \$23.33/hr according to 2017 Florida data from the Independent Sector. There were 7 monitoring events with 7 volunteers giving 3 hours per event. The volunteer hours provided during the monitoring events was 147 hours x 23.33/hr, **total savings \$3,429.51**
- Assisted with teaching Invasive Species Plant Workshop, total: **26 attendees: 5HM/6WF/15WM**
- Participated in Edges of Our Estuaries Workshop
- Attended Nassau County Land Conservation Webinar
- Attended Oyster Gardening Workshop
- Met with Dr. Todd Osborne & Jose Nunez (UF Whitney Laboratory) about a collaborative oyster gardening program and living shoreline project.

State Initiative 7, Focus 1: 4-H Youth Development – total 34 youth

- One youth filtered water samples for microplastics citizen science project, 7 hours x \$23.33/hr, **total savings \$163.31**
- Taught “Renewable Resources” to Youth Leadership Nassau, **total: 33 participants, 26W, 2B, 2AS, 2H, 1NH/PI, 24F, 9M**

B. Focus 3: Environmental Literacy and Stewardship - total: 15 agent taught participants; volunteer: 24 participants

- Led and organized a 3-hour Archaeology hike with NE Florida Master Naturalist Chapter in collaboration with Timucuan Ecological & Historic National Preserve & University of North Florida, **total attendees: 15, 2HM, 7WF/8WM**. Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50/hour, as of 2016. Therefore, the ROI is \$50.00 x 3 hours = **\$150**

- Organized and managed NE Florida Master Naturalist Chapter Officer Meeting, **total: 9 participants**
 - Each officer contributed approximately 8 hours of time (3 hours for meeting, event planning and coordinating). Volunteer time is valued at \$23.33/hr according to 2017 Florida data from the Independent Sector. Total volunteer hours provided during the month were 72 x \$23.33/hr, **total savings \$1,679.76**
- **Return of Investment: Dacey Teaching – 3 hours x \$50/hour = \$150; Total Volunteer Hours: 226 x \$23.33 = 5,272.58**

Total ROI: \$19,837.58 for Initiative 3

The total ROI for this agent in October for all program areas was \$21,971.58

Other Events:

- Attended Extension Faculty Academy Development (3 days)
- Attended Risk Management Training
- Assisted events at the Northeast Florida Fair (6 days)
 - Clerked PeeWee Dairy Cattle Show
 - Judged at Home Arts Competition
 - Assisted at Beef, Swine, Meat Goats & Sheep Market Weigh In
 - Helped facilitate Poultry Judging & Livestock Judging (youth)
- Led Staff Meeting
 - Developed agenda/meeting minutes and PPT
 - Researched TED talk
- Led Team Building Activity

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

Jordi: Total – Total – 81,000 (excluding PSA)

- “Garden Talk” Series (Autumn Garden) - AmeliasIslandLiving **Total: 29,000**
- “Spotlight on Nassau Gardens”/Escalante - News-Leader, Westside Journal, Nassau County Record (dual with Osprey Memorial Garden) **Total: 26,000**
- “Spotlight on Nassau Gardens”/Osprey Memorial - Westside Journal **Total: 12,000**
- Crash Course on NE Florida Gardening – News-Leader, Nassau County Record **Total: 14,000**
- UF/Blog – 19,460; Pinterest – 2,338, Facebook 233

Total PSA’s published: 516,160

McAlpine: Total 10,457 (excluding PSA)

- Newspaper article “How to Choose a Medicare Plan During Open Enrollment” published in Fernandina Beach Newsleader **Total: 10,000**
- Plant Families: **Total: 20**
- Gourd Family: **Total: 20**
- Root Vegetables: **Total: 20**
- 2019 Medicare Fact Sheet: **Total: 20**
- FCS Blog and Facebook: **Total 2: Blog 312 views; Facebook: 65 views**

Total PSA’s published: 20,000

Poppell: Total: 12,340 (excluding PSA)

- Developed the Friday Flyer (2 issues), **Total: 340**
- Wrote “YLN Team Building” for Westside Journal: 12,000, **Total: 12,000**
- Wrote “National Youth Science Day: Code Your World” for Nassau County Extension blog, **Total: 153 views**
- Wrote “4-H Classroom Programs” for Nassau County Extension blog, **Total: 61 views**

PSA total: zero

Irvine: Total: 302 (excluding PSA)

- Wrote “National 4-H Week 2018” for UF/IFAS Extension Nassau County blog, **Total: 155**
- Wrote “Bring Home the Blue in Showmanship” for UF/IFAS Extension Nassau County blog, **Total: 147**

PSA total: zero

Dacey: Total: 30,109 (excluding PSA)

- “Livestock Judging” – Powerpoint, 80 slides. Adapted from Luke Harlow & 4-H materials, **total: 15 attendees**
- Wrote “Bovine Spongiform Encephalopathy (Mad Cow Disease) in Florida” for UF/IFAS Nassau County Blog, **total: 79**
- Wrote “Oyster Gardening: Coming to a Dock Near You” for UF/IFAS Nassau County blog, **total: 15**
- “UF Master Naturalist Program” published in Westside Journal, News-Leader, County Insider, Chamber, Nassau County Extension Facebook page **Total: 30,000**
- Posted on UF/IFAS Nassau County Extension Facebook page (4 posts x 247 followers) **Total: 988**

PSA total: zero

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	Media contacts	UF Blogs /Social Media
Jordi	5	290	3/67	32	44	5	81,000	19,460/2,571
McAlpine	43	651	2/11	13	0	0	10,080	312/65
Poppell	3	141	0/28	11	5	0	12,340	214/1,330
Irvine	11	213	0/82	31	0	2	0	302/3,564
Dacey	6	101	15	6	5	1	30,109	94/988
Total:	68	1,396	5/203	93	54	8	133,529	6,718/21,360
ROI*								\$52,518

***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 hours, 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:

November	28	Duval County Extension – Terry DelValle’s retirement
December		None

McAlpine

November	1	UF/IFAS Gainesville PS and P Committee
	29	Duval County Extension: Entrepreneurship Program
December	6,13	Duval County Extension: Entrepreneurship Program

Poppell

November	3-4	Project Learning Tree Annual Conference, Jacksonville, Florida
	6	Envirothon Meeting, Duval County Extension
December	6	Envirothon Meeting, Duval County Extension

Irvine

November	13-14	CED Retreat, Cedar Key – Emergency Management
December	13	Science Fair Judging, Duval

Dacey

November	6-8	Extension Faculty Academy Development, Gainesville
	9	North Florida Livestock Agents Group Meeting, Gainesville, FL
	27	Beach Vitex Work Day, Ponte Vedra Beach, FL
December		None