

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 & Favors) 37 attendees

- Developed the Overall Extension Program Monthly report to County Manager
- Attended and participated in monthly staff meeting – 7WF
- Worked with Natural Resource/Ag agent and 4-H agents to prepare for Plan of Work/Report of Accomplishment for 2018/2019
- Attended and participated in County department head meeting 15 participants (3WF, 12WM)
- Presented at BOCC – 9-month review of all program areas – 15 attendees
- Worked on demonstration garden & research plot (Monrovia)

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

I. Florida Friendly Landscapes – total 240; 228 participants; volunteer: 87 participants

- Managed Plant clinics by answering questions from public – 98 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 \$7,350. Twenty-six of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$1,950. **Total savings to Nassau County residents this month: \$9,300**
- 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 2016 Florida data from the Independent Sector. The volunteer office hours provided Master Gardeners was 12 hours which totaled \$276.96. 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 \$1,046.85**
*(http://independentsector.org/programs/research/volunteer_time.html).
- Performed zero pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$zero. 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 \$zero. **Total savings to Nassau County residents zero.**
- Taught and conducted Master Gardener update meeting – 16 attendees: 1WM, 15WF
- Instructed new Master Gardener volunteers on office orientation – 3WF participants
- Taught Landscape Matters class - Ornamental Insects – 24W; 3M, 21F
- Taught Crash Course in Florida Gardening 12 hours –131 participants; 19M, 112F; 127W, 4B
- Developed Power Point presentations: PowerPoint Presentation Salt Tolerant Plants for Landscape Matters with 24 slides & Nuisance Animals with 21 slides; developed a 4-page fact sheet – Salt Tolerant plant list for Northeast Florida
- Counseled 2 Master Gardeners who were on probation – they resigned from the program
- Edited Harvest Gold and Spotlight on Gardening for newspapers
- One site visits to homeowners for inspection of tree damage after Irma 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.**

Volunteers: Total: 87

- Landscape Matters class – Nuisance Animals: 23 attendees; 22W, 1B; 5M; 18F
- Garden Club meeting – Carol Ann Atwood – 24F attendees: 18W, 3B, 3A
- Garden Club presentation – Victorian Gardens – Dee Hester: 40WF
- 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 10 participants

- Provided 6 phone/e-mail consultations and one on one consultations for county employees valued at \$75 per consult, total savings \$450
- Conducted 4 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 \$800.**
- **Total savings for local landscape businesses - \$1,250**

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

- Taught, facilitated, managed Top Tomatoes - volunteers Libby Wilkes and Jaquie 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
- Conducted mock job interview for 8 students for westside technical school: 8 students total: 3WM, 5BF
- 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:

- Taught MG how to use Florida Volunteer Management System'
- Two observation session of FFA school classroom (11 hours) Frank Peterson High School, Jacksonville, FL

Total ROI for Horticulture program for September 2018: \$13,146.85

McAlpine:

State Initiative 5: Human Development and Family/Aging Well – total 20 participants

- Provided specialized Medicare clinics to seniors: 10 participants: 5WM, 5WF
- Taught Medicare Workshop: 6 participants: 2WM; 4WF
- Trained and managed FCS Medicare Outreach program (volunteer training, P.S.A., facts sheets, scheduling appointments, etc. (8 hours): 2 participants: 2WF
- Taught 4-hour Parenting and Divorce Class: 2 participants: 1WM, 1WF
- FCS Medicare Outreach Volunteer provided 10 hours of service

Return of Investment: Teaching – 22 hours x \$50/hour = \$1,100; volunteer hours 10 x \$23.33=\$233.30

State Initiative 5: Food Safety and Nutrition – total 395 participants: McAlpine 72 participants, Cox 323 Participants

- Taught 4 Garden & Nutrition Classes (What Plants Need to Grow, From Seed to Seedling, Seed Anatomy Part I and Part II) at Pak's Afterschool Program Garden: 72 participants: 39WM, 33WF
- Worked in Pak's Garden
- Attended Food Safety Quarterly Webinar
- Attended Pressure Cooking Webinar

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 – 10 hours x \$50/hour = \$500; Cox FNP monthly grant dollars \$2,000

State Initiative 5: Family Financial Management – total 11 participants

- Taught Fresh Start (3-hour financial education program) to unbanked adults, savings of \$198 a year per person: 7 participants: 2BM; 2WM, 3WF
- Assisted low income Medicare recipients complete Federal and State medical and prescription drug subsidy applications (total savings of \$7,000): 6 participants: 2WM, 4WF
- Participated in multi-county planning meeting for Homemade Entrepreneurship Program

Return of Investment: Teaching 3 hours X \$50/hour = \$150; Medicare Saving Programs \$8,386

Other County and University Events – total: 19 participants

- Developed and presented PowerPoint (2 slides) highlighting FCS programs for BOCC meeting: 12 participants: 7WM, 5WF
- Recruited Judges for Northeast Florida Fair Home Arts Entries
- Developed Agenda and PowerPoint for Staff Meeting
- Taught how to Download YouTube Videos for PowerPoint Presentations: 7 participants: 7WF
- Selected Ted Talk for monthly Staff Meeting
- Led monthly Staff Meeting

Poppell:

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

Development – Total: 54 participants; volunteers – zero

- Led Youth Leadership Nassau steering committee meeting, Total: 5 participants, 5W, 2F, 3M
- Participated in Cherry Lake fall advisory meeting
- Facilitated Youth Leadership Nassau family orientation, Total: 49 participants, 39W, 6H, 2B 2AS, 25F, 24M
- Participated in BOCC annual department presentation
- Participated in monthly staff meeting

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: 210 participants; agent – 103; volunteer – 107

- Taught “Black Bears” at America’s Youth, Total: 8 participants, 5B, 2W, 1H, 7F, 1M
- Taught “Teambuilding” at County Council, Total: 11 participants, 11W, 8F, 3M
- Taught “Alligators” at America’s Youth, Total: 13 participants, 10B, 2W, 1H, 7F, 6M
- Taught “Unleashing the Leader in 5 Easy Steps” at Southern Region Teen Leadership Conference, Total: 28 participants, 24W, 3B, 1H, 20F, 8M
- Taught “Leadership Goes to Hollywood” at Southern Region Teen Leadership Conference, Total: 14 participants, 10W, 4B, 11F, 3M
- Taught “Team Building” at Youth Leadership Nassau, Total: 33 participants, 26W, 2B, 2AS, 2H, 1NH/PI, 25F, 8M

Volunteers, Total – 107 participants

- Taught various subjects at community club meetings, Total: 107 participants, 102W, 5B, 71F, 36M

Return on Investment (ROI)

- Calculation of economic value of trained volunteers’ contribution to extension programs: According to 2018 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 37 hours valued at \$863.21**

- 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 September for this 4-H UF/IFAS Extension Faculty is \$550 (11 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 September is \$150 (2 hours)**

Therefore, the total ROI for the month of September is \$1,563.21

Other Events

- Presented 4-H update at Northeast Florida Fair board meeting

Irvine:

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

Development – Total: zero participants; volunteers – zero

- Participated in Animal Science Action Team meeting
- Participated in Camp Cherry Lake Fall Advisory Meeting
- Presented at BOCC
- Participated in Monthly Staff Meeting

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

- Participated in Environmental Programs Volunteer 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 – 29

- Co-Taught Youth Emergency Team (x2 days), Total: 22 participants. 10M, 12F. 18W, 4B
- Co-Taught Hippology (x2 days), Total: 48 participants. 9M, 39F, 44W, 2B, 2H
- Co-taught 4-H/FFA Livestock Judging, Total: 15 participants. 4M, 11F, 15W
- *Taught Poultry Judging (x2 days), Total: Unknown as of right now (Class completes 10/2)
- *Taught Intro to Poultry Showmanship, Total: 9 participants. 2M, 7F. 9W
- *Taught disaster preparedness at the Southern Teen Leadership Conference in TN, Total: 10 participants. 5M, 5F, 10W
- *Taught Youth Emergency Team, Total: 10 participants. 6M, 4F. 8W, 2B
- * Denotes Volunteer(s) Only

Volunteers, Total – 90 participants

- Taught Various Subjects at Community Club Meetings, Total: 90 participants. 50M, 40F, 86W, 4B

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 70 hours valued at \$1,633.10**
- 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 \$550 (11 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 \$75 (1 hours)**

Therefore, the total ROI for the month of August is \$2,258.10

Other Events: None

Dacey:

Initiative 1: Increasing the sustainability, profitability, and competitiveness of agricultural & horticultural enterprises. Total: 86 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 21 email/phone consultations valued at \$75 per consult, **total savings to county residents \$1575**
 - Provided 1 office visit consultation valued at \$75 per consult, **total savings to county resident was \$75**
 - Conducted 4 pH soil test for 4 clients at the local office from this agent and Office Administrator I which saved county residents \$12. 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 \$112**
 - Conducted 4 farm site visits, valued at \$200/hour, to sample for a free nematode (\$25) analysis in a corn field, identify grass and weeds for meat goat pasture & provided recommendations for pasture management and herbicide treatment, **total savings \$1,625**
 - Participated in NE FL Pesticide Group Meeting, Green Cove Springs, FL
 - Participated in Area 4 BMP Agents Group Meeting Palakta, FL
 - Provided educational exhibit on "Invasive Pasture Weeds at Small Ruminant Workshop, Gainesville, FL total: 71 attendees, 44F/27M, 5H, 1B, 1A, 1NA, 63W

State Initiative 7, Focus 1: 4-H Youth Development – total 15 youth

- Taught "Livestock Judging" – PowerPoint, 80 slides. Adapted from Luke Harlow, **total: 15 youth attendees**
7 adults 15W, 4M/11F

Volunteers:

- **Return of Investment: Dacey Teaching – 1-hour x \$50/hour = \$50; Volunteer Hours: 0**
- Total ROI: \$3,437 for Initiative 1**

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

A. Focus 2: Natural Resource Operations – total 45 agent taught participants; volunteer: 34 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 43 email/phone consultations, valued at \$75 per consult, **total savings \$3,225**
 - Conducted two property site visits, valued at \$200/hr, to identify aquatic weeds for ponds on property, provided recommendations for adding Carp & aquatic plants, **total savings \$800**
 - 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: 9 participants: 5WM, 4WF. 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 both events, there were 4 monitoring hours total (\$365 x 4 = \$1,380), **total savings \$1,380**
 - 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. The volunteer hours provided during the monitoring events was 18 hours x 23.33/hr, **total savings \$419.94**

- Participated Northeast Estuarine Restoration Team (NERT) meeting to promote collaboration of Goffansville Park living shoreline project
- Met with Duval & St. Johns County FMNP lead instructors to coordinate 2019 Master Naturalist Module
- Met with Florida Department of Environmental Protection (FDEP) for permit review of living shoreline
- Lead clean up at American Beach for International Coastal Clean Up Day in collaboration with Keep Nassau Beautiful & Kayak Amelia. Volunteer time is valued at \$23.33/hr according to 2017 Florida data from the Independent Sector, **total volunteers: 14W, 9M/5F total volunteer hours: 28 x 23.33 = \$653.24**
- Presented "A Living Shoreline for Nassau County" for GTMNERR Oyster & Water Quality Task Force Meeting, **total: 28 attendees 25W, 1A, 2H, 14F/15M** 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 \times 0.50 = \25

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

- One youth filtered water samples for microplastics citizen science project, 3 hours x \$23.33/hr, **total savings \$69.99**

B. Focus 3: Environmental Literacy and Stewardship - total: 17 agent taught participants; volunteer: 34 participants

- Taught "Permanent Wetlands" for Florida Master Naturalist Program Freshwater Module, **total: 17 attendees, 16W, 1A, 12F/5M** 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 \times 1 = \50
- Facilitated first Florida Master Naturalist Program NE Chapter Meeting, **total: 25W attendees**
- Organized and managed first NE Florida Master Naturalist Chapter Officer Meeting, **total: 9 participants**
- Each officer contributed approximately 6 hours of time (3 hours for meeting, event planning and coordinating). Total volunteer hours provided during the month were 54 x \$23.33/hr, **total savings \$1,259.2**

Volunteers:

- **Return of Investment: Dacey Teaching – 1.5 hours x \$50/hour = \$75; Total Volunteer Hours: 103 x \$23.33 = 2,402.99; Total ROI: \$7,882.99 for Initiative 3**

The total ROI for this agent in September for all program areas was \$11,319.99

Other Events:

- Created Facebook Events for Master Naturalist Coastal Systems Module, FMNP Northeast Chapter Meeting and Invader Raider events on UF/IFAS Nassau County Extension page
- Attended Staff Meeting

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

Jordi: Total – 62,414 (excluding PSA's)

- Developed 1 PowerPoint presentations 24 slides on salt tolerant plant (16 people); update nuisance animals 21 slides (23 attendees).
- "Garden Talk" News-Leader (2X) Total: 20,000
- Crash Course on North Florida Gardening News-Leader, Westside Journal, Nassau County Record **Total: 26,000**
- "Spotlight on Nassau Gardens/Osprey Memory Garden" – News-Leader **Total: 10,000**
- LM Common Insects photos (2) – Westside Journal **Total: 12,000**
- Summer Garden Party/Lutheran Church (Dee West presenter) News-Leader, Westside Journal **Total: 22,000**
- **UF Blog 22,707; Pinterest 3,081; Facebook 215**

Total PSA's published: 506,524

McAlpine: Total – 10,539 (excluding PSA's)

- Newspaper article “Safe Handling of Refrigerated Foods During a Power Outage” published in Fernandina Beach Newsleader **Total: 10,000**
- FCS Program Highlights **Total 2**
- What Plants Need to Grow **Total 20**
- From Seed to Seedling **Total 20**
- Seed Anatomy **Total 20**
- FCS Blogs **Total 285**
- FCS Facebook **192**

Total PSA's published: 44,000**Poppell: Total: 659 (excluding PSA's)**

- Developed the Friday Flyer (2 issues), **Total: 340**
- Wrote “What is County Council” for Nassau County Extension blog, **Total: 199 views**
- Wrote “Coming Soon: Youth-Led Fun Shops” for Nassau County Extension blog, **Total: 120 views**

Total PSA's published: zero**Irvine: Total: 71,220 (excluding PSA's)**

- Wrote “Project Book and Report Rescue” for UF/IFAS Extension Nassau County blog, **Total: 75**
- Wrote “What are Fair Points?” for UF/IFAS Extension Nassau County blog, **Total: 145**
- Wrote “YETies at 4-H University” for State Agricultural Response Team Newsletter, **Total: 45,000**
- Volunteer written Publications, original or adapted educational materials prepared: “Irvine at EPAF”, published in FB Newsleader (10,000), Westside Journal (12,000), and Nassau County Record (4,000), **Total: 26,000**

Total PSA's published: 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	10	463	3/49	31	26	5	62,414	22,707/3,233
McAlpine	49	447	2/23	25	0	0	10,539	285/192
Poppell	8	264	0/67	15	4	0	659	319/813
Irvine	11	205	1/84	13	0	0	71,220	220/2,115
Dacey	7	148	64	33	1	6	30,121	0/976
Total:	85	1,527	6/287	117	31	12	174,953	7,430/17,655
*ROI	13,146.85							\$40,657

***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:**

October	12	Multi-County Master Gardener training – Duval County Extension
November	None	

McAlpine

October	30, 31	UF Gainesville – PST Committee
November	1	UF Gainesville – PST Presentation to Deans

Poppell

October	31	POW/ROA Crash Course, Gainesville
November	2-4	Project Learning Tree Annual Conference, Jacksonville

Irvine

October	2	POW/ROA work day, Baker County
	31	POW/ROA Crash Course, Gainesville
November		None

Dacey

October	2-4	Extension Faculty Academy Development, Gainesville, FL
	8-9	Living Shoreline Workshop, GTMNERR Ponte Vedra Beach, FL
	20	NE Florida Master Naturalist Archeology Hike, Jacksonville, FL
	23	Beach Vitex Invasive Plant Working Day, Ponte Vedra Beach, FL
November	6-8	Extension Faculty Academy Development, Gainesville, FL