

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) 70 attendees

- Developed the Overall Extension Program Monthly report to County Manager
- Presented at regional CED meeting in Duval County 20 participants: 12WM; 8WF
- Met with Budget Director on Extension budget
- Met with mentee, reviewed POW/ROA for 2019 – Dr. Clem Taylor
- Attended UF/IFAS Fiscal Responsibility for Leaders on Pcards
- Conducted ground-breaking ceremony - 50 attendees

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

I. Florida Friendly Landscapes – total 364; 318 participants; volunteer: 46 participants

- Managed Plant clinics by answering questions from Nassau County residents – 178 participants including plant disease diagnosis and insect and plant identification. The cost for analysis of plant diseases from UF/IFAS would potentially cost clients \$75 per sample for a total savings of \$13,350. Eighty-one of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$6,075. **Therefore, the Return on Investment (ROI) for the month of May for this UF/IFAS Horticulture Agent is \$19,425 worth of savings to the Nassau County residents.**
- 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).**
- Performed 16 pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$48. 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 \$400. **Therefore, the Return on Investment (ROI) for the month of May for this UF/IFAS Horticulture Agent is \$448 worth of savings to the Nassau County residents.**
- Attended In-Service training on Stone Fruit; 4WF in Citra, FL
- Taught Advanced training to Master Gardener volunteer – GMO and Genetic Engineering – 18participants: 15WF, 1BF, 1HF, 1WM
- Conducted Egan's Creek survey of invasive plants and plant ID – MG volunteer Sue Ray
- Taught class on vines – Peck Center: 14W attendees; 2M, 12F
- Taught Landscape Matters Class – Palms – 17; 4WM; 1HM; 12WF
- Conducted Bi-annual plant sale to provide funding for professional development and maintenance of demo gardens
- Provided 5 homeowner site visits valued at \$150 per visit for providing diagnostics, plant and pest identification, and best management practices.
Therefore, the Return on Investment (ROI) for the month of May for this UF/IFAS Horticulture Agent is \$750 worth of savings to the Nassau County residents.

*Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50 and hour, as of 2016. **Therefore, the Return on Investment (ROI) for the month of May for this UF/IFAS Horticulture Agent is \$150.**

Therefore, the total savings and Return on Investment (ROI) to county residents for Florida Friendly Landscapes was \$20,784.81.

Volunteers: Total:

- Taught Landscape Matters class on Snake in Florida – Karl Shaffer; 46 participants: 43W; 3B; 16M; 30F

II. Green Industry/Best Management Practices – total 18 participants

- Provided 13 phone/e-mail consultations valued at \$75 per consult, total savings **\$975**
- Provided 4 sited visits which included landscape design, plant selections (Right Plant/Right Place), and diagnostics valued at \$200 per visit for a total value to the landscape businesses of **\$800**
- Proctored pesticide test for (CORE) for City of Jacksonville employee valued at **\$50** savings to client.
*Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50 and hour, as of 2016. Therefore, the Return on Investment (ROI) for the month of May for GI/BMP Horticulture UF/IFAS Extension Faculty was zero.
- **Therefore, the Return on Investment (ROI) for the month of May for this UF/IFAS Horticulture Agent in GI/BMP is was \$1,825.**

State Initiative 7, Focus 1: 4-H Youth Development – total 92 youth

- Taught, facilitated, managed Top Tomatoes - volunteers Libby Wilkes, Jacqui Galbreath and Claudia Witcher - Yulee Jr. MG 4-H club with Boys and Girls club – 36W youth; 20WM, 16WF
- Taught, facilitated, managed America's Youth – volunteer Wendy Priesand - FB Jr. MG 4-H club – 56 youth total: 12W, 44B; 36M, 20F
- Teaching hours for volunteers is 4 hours monthly per volunteer. **At \$50 per hour the value of the time from Master Garden volunteers for the 4-H youth program is 32 hours for a total of \$1,600.**

Other County and University Events:

- Attended UF Statistic's class

Therefore, the total savings and Return on Investment (ROI) to county residents for FFL, GI/BMP, and 4-H programs for May was \$24,657.81.

McAlpine:

State Initiative 5: Human Development and Family/Aging Well – total 9 participants

- Provided specialized Medicare clinics to seniors: 4 participants: 2WM, 2WF
- Provided training and support to Medicare to FCS volunteer (3 hours): 1 participant: 1WF
- FCS Medicare volunteer conducted 4 Medicare clinics to seniors: 4 participants: 1 WM, 3WF
- FCS volunteer hours 10
- Judged 4-H District Events
- Attended UF/CARD Webinar "Transition Options for the Disabled Youth"
- Met with Dr. Gutter, discussed development of UF/IFAS – Nassau County Extension Program to develop Guidelines and Resources for Families with Disabled Children
- **Return of Investment: Teaching – 6 hours x \$50/hour = \$300; volunteer 11 hours x \$25.43=\$254.30; value of Medicare clinics 8 x \$250 = \$2,000**

State Initiative 5: Food Safety and Nutrition – total 280 participants: McAlpine 226 participants, Cox 54 participants

- Completed training, passed exam, received certification to be Instructor and Proctor for ServSafe
- Developed and Implemented 6-hour food safety training for UF/IFAS

- Taught and certified 5 UF/IFAS Extension Faculty and 1 County staff on Food Safety: 6 participants: 1BM, 1 BF, 4 WF
- Taught "MyPlate" summary to Pak's Afterschool: 18 participants: 10 WM, 8 WF
- Participated in 2-day BOCC Wellness Fair: Biometrics station, Health Breakfast: 200 participants
- Co-lead development of UF/IFAS Cancer/Health Insurance Module with 2 UF students: 2 participants: 1 AM, 1 WF
- Attended webinar on Diet Fads

Family Nutrition Program: Denis Cox

- Taught 2 nutrition classes at ARC 54 participants: 30WM, 1BM, 3BF, 23WF
- **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 2 participants

- Provided financial subsidy application assistance to seniors: 2 participants: 2 WF
- Planned 4-H "Teen Boot Camp" with 4-H Agent Kristen Poppell
- **Return of Investment: \$3,200**

Other County and University Events – total 0 participants

- Attended 3-day UF/IFAS Symposium
- Attended BOCC Ground Breaking Ceremony for new Extension Building
- Attended CED meeting with Rebeca Jordi

Irvine:

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

Development – Total: 38 participants; volunteers – zero

- Participated in YET planning meeting, 1WF participant
- Co-Presented at Extension Symposium, Total: 37. 18M, 19F, 33W, 1B, 1H, 2A
- Facilitated Embryology Chicken Adoptions

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

- Summer Camp Planning Meeting, 1WF participant

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 396 participants; agent - 150; volunteer – 246

- Taught embryology intro at Hilliard Elementary, Total: 122 participants. 54M, 68F, 108W, 8B, 2A, 1AI, 3O
- Taught embryology candling at Hilliard Elementary, Total: 122 participants. 54M, 68F, 108W, 8B, 2A, 1AI, 3O
- Taught embryology candling at Saint Michael's Academy, Total: 29 participants. 16M, 13F, 24W, 2H, 1A, 2NH
- Taught Area North Horse Show Prep Night, Total: 14 participants. 3M, 11F, 13W, 1B
- Co-led Area North Horse Show, Total: 7 participants. 2M, 5F, 6W, 1B
- Co-Taught Camp Cherry Lake Counselors, Total: 18 participants. 8M, 10F, 16W, 2B
- Co-led District Events, Total: 84 participants. 29M, 55F, 77W, 6A, 1PI

Volunteers, Total – 95 participants

- Taught Various Subjects at Community Club Meetings, Total: 95 participants. 61M, 34F, 82W, 8B, 5H

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 248 hours valued at \$5,785.84.**

- 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 \$300 (6 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 hour)**

Therefore, the total ROI for the month of April is \$6,160.84.

Other Events:

- Participated in Northeast Faculty Training
- Co-Facilitated Groundbreaking for new Extension Facility
- Attended Extension Symposium
- Submitted Rayonier Community Grant

Dacey:

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

Focus 2: Natural Resource Operations – total 149 agent taught participants; volunteer: 93 participants

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 48 email/phone consultations, valued at \$75 per consult, **total savings \$3,600**
- Conducted 2 natural resource site visits, valued at \$200/hour, to assist Omni Plantation with initiating an Oyster Gardening Program, identified invasive species, visited potential living shoreline sites and provided recommendations for living shoreline projects with county citizens, **total savings \$800**
- Attended Florida Master Naturalist Chapter Board meeting

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

- One youth analyzed water samples for microplastics citizen science project, 10 hours x \$24.69/hr, **total savings \$246.90**

Focus 3: Environmental Literacy and Stewardship - total: 149 agent taught participants; volunteer: 93 participants

- Taught "Turtles of Northeast Florida" for Northeast Florida Master Naturalist Fall meeting, **total participants: 37, 18WM, 1HM, 1AAM, 17WM**
- Taught "Goffinsville Living Shoreline" for Atlantic Coast Fish Habitat Partnership group, **total participants: 28, 1AAM, 1AM, 15WM, 18WF**
- 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: 12 participants: 3WM, 9WF**. 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 monitoring events. Each participant gave 3 hours of time per monitoring event, 75 volunteers contributed 225 hours. The volunteer hours provided during the monitoring events was 225 hours x 24.69/hr, **total savings \$5,555.25**

- **Return of Investment: Dacey Teaching – 4 hours x \$50/hour = \$200; Total Volunteer Hours: 441 x \$24.69 = \$10,888.29**

Total ROI: \$21,559.39 for Initiative 3

State Initiative 1: Increasing the sustainability, profitability, and competitiveness of agricultural & horticultural enterprises. Total: 16 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 31 diagnostic email/phone calls valued at \$75 per consult, **total savings to county residents \$2,325**
 - Provided 2 diagnostic office visits valued at \$75 per consult, **total savings to county resident was \$150**
 - Conducted 22 pH soil tests at the local office from this agent and Office Administrator I, which saved county residents \$66. 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 \$175; **total savings \$616**
 - Conducted 4 farm site visits, valued at \$200/hour, to identify grass and weeds for pastures & provided recommendations for pasture management and herbicide treatment, **total savings \$1000**
 - Taught "Soil testing" for Small Farms Network meeting, **total participants: 16, 12WM, 5WF**
 - Attended Northeast Florida Livestock Agents Group (NFLAG) Meeting

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

Total ROI: \$4,091 for Initiative 1

The total ROI for this agent and volunteers in May for all program areas was \$25,650.39

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

Other Events:

- Attended UF/IFAS Annual Northeast District Meeting
- Attended 2-day UF/IFAS Extension Symposium

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

Jordi: Total – 151,000 (excluding PSA's)

- Jordi presents to AIP Garden Group – Fernandina Beach News-Leader, Westside Journal **Total: 22,000**
- Extension Volunteers Recognition Luncheon – News-Leader Total: 10,000
- "Garden Talk" – Fernandina Beach News-Leader, Westside Journal, AmeliaIslandLiving.com **Total: 51,000**
- MGs Attend Flower Symposium – Westside Journal, **Total: 12,000**
- Harvest Gold: Enjoy Edible Flowers – Nassau County Record **Total: 4,000**
- LM Irrigation class photos – Westside Journal Total: 12,000
- Groundbreaking ceremony photos - Fernandina Beach News-Leader **Total: 10,000**
- Extension Groundbreaking Ceremony Media Release/photos – Nassau County Record, Westside Journal **Total: 16,000**
- Edited "Spotlight on Nassau Gardens"/Rocky Lynn – Fernandina Beach News-Leader, Nassau County Record **Total: 14,000**
- Edited "Spotlight on Nassau Gardens/Ruckers – Fernandina Beach News-Leader, Westside Journal **Total: 22,000**
- **UF/IFAS blogs zero; Pinterest 16,151; Facebook 1,144; PSA UF/IFAS blogs: 37,046**

Total PSA's published: 3,490,492

McAlpine: Total Readership of publications: 10,024 (excluding PSA and UF blogs)

- Newspaper article "Guardianship" published in Newsleader: total 10,000
- MyPlate: total 18
- Food Safety Power Point (25 slides): total 6
- FCS Blog: Guardianship: 100 views

- FCS Facebook: Guardianship: 75 friends

Total PSA published: 10,000

Irvine: Total Readership of publications: 1,641 (excluding PSA and UF blogs)

- Published "Kristen Poppell: An Eternal Legacy" for the UF/IFAS blog, Total: 1,641

Total PSA's published: zero

Dacey: Total: 20,957 (excluding PSAs and blogs)

- Wrote "Horseshoe Crabs of Northeast Florida" – FMNP Summer Newsletter **Total: 8,000**
- Developed "Living Shorelines" worksheet for Goffinsville Tour, **Total: 35**
- Created "Soil testing" – PowerPoint, 30 slides **Total: 16**
- Created "Small Farms Network Survey – 1-page **Total: 16**
- Created flyers: Livestock and Forages Workshop, **Total: 37**
- Wrote "Pond Problems" Northeast Florida Farm and Ranch newsletter– **Total: 890**
- Wrote "Small Farms Network in Nassau County" Westside Journal **Total: 12,000**

Total PSA's published: 15,321

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	Website/ Social Media
Jordi	9	474	3/89	68	81	6	151,000	0/54,341
McAlpine	13	291	2/5	9	0	0	10,024	100/75
Irvine	11	435	1/42	31	0	0	1,641	6,115
Dacey	12	165	0/48	31	2	6	20,957	0/15,321
Total:	84	2,211	11/288	108	62	2	143,353	20,993
*ROI:								\$63,669

***Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50, as of 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:

June None
 July 31 CED regional meeting – Gilchrist County

McAlpine

June None
 July None

Irvine:

June None
 July 8-12 Camp Cherry Lake, Madison FL
 29-31 4-H University, Gainesville FL
 August 1 4-H University Gainesville FL
 26-29 EPAF, FT Myers FL

Dacey:

June 7 Marine Discovery Center, New Smyrna Beach, FL
 20 After the Flush In-Service-Training, Gainesville, FL

July

24-25

NFLAG Livestock & Forages Workshop, Santa Fe River Ranch, FL