

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) 32 attendees

- Developed the Overall Extension Program Monthly report to County Manager
- Attended and participated in monthly Department Head meeting – 13 people: 2WF; 11WM
- Attended two meetings with OMB regarding longevity pay and MOU with UF
- Worked in Demonstration Garden - 2 days
- Attended Farm Bureau Breakfast
- Edited 2 POW/ROA (Irvine & Dacey) for 2018 annual UF/IFAS reports
- Worked with Kelsey/Kristen personnel issues
- Overall advisory meeting – attended by 2 volunteers

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

I. Florida Friendly Landscapes – total 150; 110 participants; volunteer: 40 participants

- Managed Plant clinics by answering questions from the public – 59 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 \$4,425. Sixteen of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$1,200. **Total savings to Nassau County residents this month: \$5,625**
- 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 three pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$9. 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 \$75. **Total savings to Nassau County residents \$84**
- Conducted and taught at Master Gardener update meeting – identifying citrus via leaves; 30 participants: 1BF, 1WM, 28WF
- Taught PEO women – 16WF on What is Wrong with this Picture? Right Plant, Right Place
- Two hours of teaching valued at \$50 per hour for **total savings of \$100.**
- Conducted 2 site visits to homeowners to assess tree risks: 1WF, 1WM valued at \$150 per site visit, **total savings to county is \$300.**

Volunteers: Total: 40

- Taught gardening class – Hummingbirds to Ribault Garden Club – Karl Shaffer – 40 total; 1WM, 2BF, 37WF participants. **Value of teaching hour is \$50 per hour for savings of \$50.**

II. Green Industry/Best Management Practices – total 15 participants

- Provided 6 phone/e-mail consultations valued at \$75 per consult, **total savings \$450**. Water conservation is always discussed as it directly relates to the reduction of disease.
- Conducted 6 site visits - \$200 per diagnostic visit which provided pest identification and best management practices. **Total savings to pesticide businesses valued at \$1,200.**
- **Total savings for local landscape businesses - \$1,650**

State Initiative 7, Focus 1: 4-H Youth Development – total 266 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
- Taught on seeds in newspaper pots – 2 MG (Ellen Wiggins/Harriet Klonz) 100 youth; 86W, 8B, 4H, 2A; 51M, 49F
- Taught career options for Yulee High School and Middle school: 80 youth; 48M; 32F; 2B, 1A, 77W
- Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50 an hour for 12 hours as of 2016. **Total savings to Nassau County residents is \$600**

Other County and University Events:

- Provided appropriate plant material ideas for proposed park in downtown Fernandina Beach.
- Conducted field trip for advanced training to Master Gardener volunteers – Kanapaha, Gainesville, FL
- Attended Keep Nassau Beautiful Board meeting

McAlpine:

State Initiative 5: Human Development and Family/Aging Well – total 44 participants

- Provided specialized Medicare clinics to seniors: 28 participants: 12WM, 1BM, 14WF, 1F
- FCS Volunteer provided specialized Medicare clinics (30 hours): 15 participants: 8WM, 1BM, 6WF
- Provided training and support to Medicare to FCS volunteer (5 hours): 1 participant: 1WF
- Total FCS volunteer hours: 35

Return of Investment: Teaching – 33 hours x \$50/hour = \$1,650; volunteer hours 35 x \$23.33 = \$816.55

State Initiative 5: Food Safety and Nutrition – total 549 participants: McAlpine 100 participants, Cox 449 Participants

- Taught "ServSafe" Food Managers Certification Program & proctored exam: 5 participants: 1WM, 1BM, 2WF, 1BF
- Taught SafeStaff and certified food handler employees - Dayspring Village: 12 participants: 9WF, 3BF
- Taught food safety (Chapters 1-3 SafeStaff) to participants in Homemade Entrepreneurship Class: 15 participants: 1WM, 11WF, 3BF
- Taught 3 Garden and Nutrition classes (Grains, Sugary Drinks, Spices) at Pak's Afterschool Garden and Nutrition Program: 60 participants: 27WM, 33WF
- Participated in West Nassau's Historical Society "Crossroads: Change in Rural America" program
- Taught role of Extension Homemakers program and canning in rural America: 8 participants: 2WM, 5WF

Family Nutrition Program: Denis Cox

- Taught 5 nutrition classes at ARC: 89 participants: 56WM, 4BM, 4BF, 25WF
- Taught YUM at YPS and CES: 360 participants: 164WM, 8BM, 179WF, 2HF, 7BF

Return of Investment: McAlpine Teaching – 21 hours x \$50/hour = \$1,050; Cox FNP monthly grant dollars \$2,000

State Initiative 5: Family Financial Management – total 21 participants

- Taught budgeting class: 2 participants: 1WM, 1WF

- Assisted low income Medicare recipients complete Federal and State medical and prescription drug subsidy applications (total savings of \$8,000): 4 participants: 2WM, 2WF
- Co-presenter at Homemade Entrepreneurship Program: 15 participants: 1WM, 11WF, 3BF

Return of Investment: Teaching – 7 hours X \$50/hour = \$350; health care savings \$8,000

Other County and University Events – total: 0 participants

- Participated in monthly staff meeting
- Participated in Overall Advisory Meeting
- Confirmed as food safety trainer for 4-H Agents in Northeast District

Poppell:

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

Development – Total: 8 participants; volunteers – zero

- Participated in Project Learning Tree Annual Conference
- Presented at West Nassau Historical Society Smithsonian Exhibit
- Co-facilitated 4-H Association meeting, Total: 8 participants, 8W, 7F, 1M
- Facilitated Extension Overall Advisory meeting

Initiative 7, Focus 2: Volunteer Recruitment, Development, Management, and Retention. Total: 20 participants; volunteers – zero

- Taught “Incorporating Activities into your 4-H Club” at Clay County Club Leader Meeting, Total: 20 participants, 20W, 18F, 2M

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 304 participants; agent – 216; volunteer – 88

- Taught “Bobcats and Panthers” at America’s Youth, Total: 11 participants, 8B, 2H, 1W, 5F, 6M
- Taught “I am a Scientist Lesson 2” at Wildlight Elementary, Total: 16 participants, 14W, 1B, 1AI, 8F, 8M
- Taught “Teaching Tips” at County Council, Total: 12 participants, 12W, 7F, 5M
- Taught “Inspire a Shared Action” at Youth Leadership Nassau, Total: 30 participants, 24W, 2AS, 2H, 1B, 1NH/PI, 23F, 7M
- Facilitated Tropicana Public Speaking County Contest, Total: 115 participants, 98W, 10B, 7AS, 66F, 49M
- Taught “I am a Scientist Lesson 3” at Wildlight Elementary, Total: 16 participants, 14W, 1B, 1AI, 8F, 8M
- Taught “I am a Scientist Lesson 4” at Wildlight Elementary, Total: 16 participants, 14W, 1B, 1AI, 8F, 8M

Volunteers, Total – 88 participants

- Taught “A Homemade Holiday Fun Shop”, Total: 21 participants, 21W, 13F, 8M
- Taught various subjects at community club meetings, Total: 67 participants, 61W, 6B, 36F, 31M

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 52 hours valued at \$1,180.40**
- 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 November for this 4-H UF/IFAS Extension Faculty is \$350 (7 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 November is \$0)**

Therefore, the total ROI for the month of November is \$1,530.40

Other Events

- Service to Schools: Participated in Ag Literacy Day at Hilliard Elementary on behalf of Florida Farm Bureau, Total Participants: 60
- Service to Schools: Participated in Science Fair Judging at Callahan Middle School, Total Participants: 200

Irvine:

Initiative 7, Focus 1: Organizational Strategies and Learning Environments to Support Youth Development – Total: 8 participants; volunteers – zero

- Participated in Rayonier Awards Breakfast, received \$1,500 in scholarships for 4-H
- Participated in Regional Envirothon Planning meeting
- Judged Science Fair Entries at Callahan Middle School
- Participated in Area North Meeting
- Led Youth Emergency Team Graduation, Total: 33. 11M, 22F, 30W, 3B.
- Participated in 4-H Association Meeting, Total: 8 participants. 1M, 7F, 8W
- Participated in Overall Advisory Meeting
- Taught at Northeast District CED Retreat in Cedar Key, FL

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: 51 participants; agent - 51; volunteer – 0

- Co-Taught Youth Emergency Team (x3 days), Total: 33 participants. 14M, 19F, 27W, 6B
- Co-Taught Hippology, Total: 7 participants. 7F, 7W
- Taught and Facilitated Nassau County Young Riders Horse Show Total: 11 participants. 4M, 7F, 10W, 1B

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 44 hours valued at \$1,026.52.**
- 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 \$75 (1 hours)**

Therefore, the total ROI for the month of August is \$2,051.52

Other Events:

- Taught at Nassau County Historical District Smithsonian Exhibit

Dacey:

Initiative 1: Increasing the sustainability, profitability, and competitiveness of agricultural & horticultural enterprises. Total: 0 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 1 office visit consultations valued at \$75 per consult, **total savings to county resident was \$75**
- Conducted 1 pH soil test for 1 client at the local office from this agent and Office Administrator I which saved county residents \$3. 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 \$25; **total savings \$28**
- Watched “Establishment & Management of Bermuda Grass” webinar by The American Society of Animal Science Southern Section Extension Webinar Series.
- Watched “Bahia Grass Production” webinar by The American Society of Animal Science Southern Section Extension Webinar Series.
- Attended North Florida Livestock Agents Group Meeting
- Attended Farm Bureau Farm City Breakfast

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

Volunteers:

- **Return of Investment: Dacey Teaching – 0 hours x \$50/hour = \$150; Volunteer Hours: 0**
- Total ROI: \$1,228 for Initiative 1**

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

A. Focus 2: Natural Resource Operations – total 40 agent taught participants; volunteer: 30 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 5 email/phone consultations, valued at \$75 per consult, **total savings \$375**
- Co-lead Beach Vitex Working Day with Guana Tolomato Matanzas National Estuarine Research Reserve (GTMNERR) **total: 6 participants: 1WM, 4WF, 1AF**. 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. There were 6 volunteers per event x 4 hours = 24 invasive species removal hours total (\$365 x 24 = \$8,760), **total savings \$8,760**

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

- One youth analyzed water samples for microplastics citizen science project, 15 hours x \$23.33/hr, **total savings \$349.95**

B. Focus 3: Environmental Literacy and Stewardship - total: 36 agent taught participants; volunteer: 24 participants

- Taught “Marine & Estuarine Habitats” for FMNP Coastal Systems **total: 15 participants, 4WM, 11WF**
- Taught “Beaches and Dunes” field trip at Huguenot Memorial Park for FMNP Coastal Systems **total: 21 participants, 4WM, 16WF, 1AAF**
- Organized and managed Florida Master Naturalist Coastal Systems Module
 - **11 FMNP Instructors and volunteers** contributed on average 8 hours of volunteer time (2-4 hours of teaching, meetings and field trips). **One instructor** managed all administrative duties and facilitated the course for approximately 60 hours. 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 148 x \$23.33/hr, **total savings \$3,452.84**
- 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 – 5 hours x \$50/hour = \$250; Total Volunteer Hours: 267 x \$23.33 = 6,229.11**

Total ROI: \$14,867.55 for Initiative 3

The total ROI for this agent in November for all program areas was \$16,282.19

Other Events:

- Attended Extension Faculty Academy Development (3 days)
- Attended Overall Advisory Committee Meeting
- Facilitated Natural Resources & Agriculture Advisory Committee Meeting and presented presentation on natural resources/agriculture programs **total: 4 participants, 2WF, 1WM, 1PIM**
 - Each committee member contributed 2 hours of time. 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 8 x \$23.33/hr, **total savings \$186.64**
- Judged Tropicana Public Speaking Event

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

Jordi: Total – 52,000 (excluding PSA's)

- Garden Talk – News Leader, Westside Journal **Total: 22,000**
- Rayonier Awards Grants – News Leader, Westside Journal **Total: 22,000**
- “Harvest Gold” Series published in Nassau County Record (2X) **Total: 8,000**
- UF Blogs 14,485; Pinterest 2,761, Facebook 482

Total PSA's published: 282,984

McAlpine: Total – zero (excluding PSA's)

- SafeStaff Chapters 1-3 (23 slides): **Total: 16**
- Wrote factsheet (1 page) Great Grains: **Total 20**
- Wrote factsheet (1 page) Sugary Drinks: **Total 20**
- Wrote factsheet (1 page) Canning Myths and Facts: **Total 8**
- FCS Blogs **Total: zero**
- FCS Facebook **Total 86**

Total PSA's published: 20,000

Poppell: Total: 56,542 (excluding PSA's)

- Developed the Friday Flyer (2 issues), **Total: 335**
- Wrote “Outstanding 4-H'ers”, Westside Journal: 12,000, **Total: 12,000**
- Wrote “4-H Camping Program Receives Donation”, Westside Journal: 12,000, Nassau County Record: 4,000, **Total: 16,000**
- Edited “County Council Fun Shop Success”, Westside Journal: 12,000, **Total: 12,000**
- Edited “Next Generation Delivers Supplies”, Westside Journal: 12,000, Nassau County Record: 4,000, **Total: 16,000**
- Wrote “Outstanding 4-H'ers” for Nassau County Extension blog, **Total: 159 views**
- Wrote “Tropicana Public Speaking Winners” for Nassau County Extension blog, **Total: 48 views**

PSA published total: 31

Irvine: Total: 4,000 (excluding PSA's)

- Published “YETies Receive Safety Training” for the Nassau County Record, **Total: 4,000**

PSA published total: 71,220

Dacey:

- “Marine and Estuarine Habitats” – Powerpoint, 31 slides. Adapted from FMNP Coastal Systems Module
- “Natural Resources and Agriculture Programs in Nassau County” – Powerpoint, 10 slides. Created for Advisory Committee
- Posted on UF/IFAS Nassau County Extension Facebook page (8 posts x 250 followers) **Total: 2,000**

PSA's published: 2,000

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	11	463	2/39	46	16	8	52,000	132/3,243
McAlpine	38	614	4/18	33	0	0	64	
Poppell	11	332	0/32	8	5	1	56,335	207/2,904
Irvine	12	183	0/67	24	0	1	4,000	0/7,083
Dacey	3	40	20	12	1	0	3	0
Total:	75	1,632	6/176	123	22	10	112,402	339/13,230
*ROI								\$43,106

***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:

December	7	ISA certified arborist class St. Johns County Extension
	20	Green Team Meeting TBA
January		None

McAlpine

December	6, 13	Duval County Ext. – Homemade Entrepreneurship Program
January		None

Poppell

December	6	Northeast Florida Regional Council Luncheon, Jacksonville, FL
January	11	Northeast District 4-H Awards Workday, Duval County Extension

Irvine

December	13	Science Fair Judging, Duval
January	11	Northeast District 4-H Awards Workday, TBA

Dacey

December	6	Oyster and Water Quality Task Force Meeting, Ponte Vedra, FL
	10	North Florida Pesticide Working Group Meeting, Gainesville, FL
January	15-18	National Association for Interpreters Certification Course, Tampa, FL