

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) 20 attendees

- Developed the Overall Extension Program Monthly report to County Manager
- Presented at BOCC Monthly report: 8 attendees
- Facilitated and conducted Overall Advisory Committee meeting – 12 attendees
- Worked in Demonstration Garden
- Attended review of Miner Rd. site plan with Asa Gillette and Billy Stonebreaker
- Judged 9 ANREP award nominations
- Attended UF/IFAS PC card training – 6 hours

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

I. Florida Friendly Landscapes – total 538; 432 participants; volunteer: 106 participants

- Managed Plant clinics by answering questions from general public – 161 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 \$12,075. Fifty of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$3,750. **Total savings to Nassau County residents this month: \$15,825.**
- Organized and managed Master Gardener volunteers who provide telephone coverage by answering questions to the general public on Fridays from 10am to 2pm. The paraprofessional volunteer time is valued at \$22.08* an hour according to 2015 Florida data from the Independent Sector. The volunteer office hours provided Master Gardeners was 12 hours, which totaled \$264.96. 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 \$728.64. **Total number of office hour and demonstration garden valued at \$993.60.**
*(http://independentsector.org/programs/research/volunteer_time.html).
- Performed nineteen pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$57. 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 \$475. **Total savings to Nassau County residents \$532**
- Conducted Master Gardener update meeting – 18 participants, 1WM, 16 WF, 1BF
- Taught Landscape Matters class Flowering Trees and Shrubs – 45 attendees, 43, 1B, 1H; 7M, 38F
- Taught Orange Park Garden Club – 85 participants: 81W, 1B, 1H, 1A; 8M, 77F
- Taught at two HOA “Troubleshooting Landscapes” 41 participants, 38W, 1H, 2A; 19M, 22F
- Conducted Plant clinic at EPCOT – 63 attendees; 54W, 6H, 3A; 30M, 33F
- Provided 6 homeowner site visits valued at \$150 per visit for providing diagnostics, plant and pest identification, and best management practices. **Total savings to the Nassau County residents valued at \$900.**
- Teaching value for month of March is 4 x \$50 per hour for **total savings of \$200**

Volunteers: Total: 126

- Taught Landscape Matters class – Bluebirds – 33 participants; 33W, 6M, 27F
- Conducted Plant Clinics at EPCOT – 73 attendees
- **Teaching value is \$50**

II. Green Industry/Best Management Practices – total 86 participants

- Provided 9 phone/e-mail consultations valued at \$75 per consult, **total savings \$675**
- Conducted 3 site visits - \$200 per diagnostic visit which provided pest identification and best management practices. Total savings to pesticide businesses **valued at \$600.**
- Office consultation with Landscaping Company owner – palm trees **valued at \$100**
- Taught 3 LCLM sessions; total participants: 76; 55W, 18B, 3H; 73M, 3F. Value of teaching events is 3hrs x \$50 per hr for **total savings of \$150.** Provided 76 CEU at a value of \$20 per CEU for **total savings of \$1,520.**
- Proctored 6 Pesticide exams valued at \$50 per hour for **savings of \$100.**
- **Total savings for local landscape businesses - \$3,145**

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

- Taught, facilitated, managed Top Tomatoes - volunteers Libby Wilkes, Claudia Wicher & Jacqui Galbreath-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
- **Value of volunteer teaching 8 hours is \$200**

Other County and University Events:

- Conducted field trip for advanced training to Master Gardener volunteers – EPCOT. Orlando Wetlands Park and Jacksonville Zoo for advanced training

McAlpine:

I State Initiative 5: Human Development and Family/Aging Well – total 6 participants

- Provided specialized Medicare clinics to seniors: 6 participants: 3WM, 3WF
- 4-H County Events - Judge
- **Return of Investment: Teaching - 8hours x \$50/hour = \$400**

State Initiative 5: Food Safety and Nutrition – total 2,082 participants: McAlpine 748 participants, Cox 1,334 participants

- Taught 3 Gardening and Nutrition Classes (Fruits, Vegetables, Protein) to Pak's Afterschool: 36 participants: 3HM, 16WM, 3BF, 17WF
- Worked in Pak's Afterschool Garden
- Taught "Handwashing" at the Boys and Girls Club Yulee: 19 participants: 1BM, 8WM, 2BF, 8WF
- Volunteers provided 6 hours of volunteer service which is valued at \$22.08 an hour. Total value of volunteer time \$132.48
- Taught 4 YUM classes to second graders at Southside Elementary: 72 participants: 30WM, 4BM, 36WF, 2BF
- Attended and presented at Nassau County Health Improvement Coalition: 19 participants: 1WM, 1BF, 17WF
- Taught food safety : 2 participants: 1WM, 1WF
- 4-H Nutrition Education: Taught 15 classes at CMS (Sugar, Grains, Fat): 600 participants: 12BM, 3HM, 285WM, 9 BF, 291WF
- Participated in FNP monthly supervisor call
- Prepared and submitted monthly FNP demographic, programming and deaf and hard of hearing reports
- Provided supervision to FNP Program Assistant
- Program planning with 4-H Agent K. Koppell for 4-H Summer Camp
- **Family Nutrition Program: Denis Cox**
 - Taught 80 nutrition classes at Yulee Callahan Elementary: 1,280 participants: 428WM, 22BM, 4HM, 445WF, 31BF, 5HF
- Taught 4 Nutrition Classes at Barnabas Pantry & Callahan Dinner Site: 54 participants: 22WM, 4BM, 24WF, 4BF
- **Return of Investment: Volunteer time -6 hours X \$=\$132.48; McAlpine Teaching – 29 hours x \$50/hour = 1,450; Cox FNP monthly grant dollars \$2,000 Total Return of Investment: \$3,582.48**

State Initiative 5: Family Financial Management – total 22 participants

- Taught 2 “Employability” classes (Job Applications, Job Interview Skills) to male inmates at Nassau County Detention Center: 17 participants: 9WM, 8BM
- Educated and assisted Medicare recipients with Medicare B Subsidies & Prescription Drug Plan Savings, food stamps: 4 participants: 2WM, 2WF
- Combined Medicare B subsidies, prescription savings for Medicare, food stamps recipients for 1 year: \$16,800 (Rx) + \$11,784 (food stamps) = \$28,584
- Trained Duval FCS Agent, N Parks on Medicare and Medicare savings programs: 1 participant: 1BF
- “The Homemade Entrepreneur” program: team member; participated in planning and development of new program for Northeast
- **Return of Investment: McAlpine teaching – 28 hours x \$50/hour = \$1,400; Medicare Par B Subsidies & Prescription Drug Plan savings, food stamps, \$28,584; Total Return of Investment \$29,984**

Other County and University Events – total 11 participants

- Submitted monthly report to CED
- Attended Overall Advisory Meeting: 11 participants: 1WM, 9WF, 1BF
- Composed and submitted FCS Success Story to DED
- Attended monthly Extension Staff Meeting
- Clay County Fair: Judge for Home Art Entries
- Completed 6 Web trainings (SMART Objective, PCard)

Poppell:

Initiative 7, Focus 1: Organizational Strategies and Learning Environments to Support Youth Development – Total: 0 participants; volunteers – zero

Initiative 7, Focus 2: Volunteer Recruitment, Development, Management, and Retention. Total: 0 participants; volunteers – zero.

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 921 participants; agent - 831; volunteer – 90

- Taught “Dairy” at FBCA, **Total: 36 participants. 30W, 2B, 1AS, 1MR, 26F, 10M.**
- Taught “Candling” at YPS and YES, **Total: 80 participants. 65W, 10B, 5H, 40F, 40M.**
- Taught Eat 4-Health at Callahan Middle, **Total: 234. 226W, 6B, 2AS, 115F, 119M.**
- Taught “Protein” at FBCA, **Total: 36 participants. 30W, 2B, 1AS, 1MR, 26F, 10M.**
- Taught Eat 4-Health at Callahan Middle, **Total: 234. 226W, 6B, 2AS, 115F, 119M.**
- Taught “Public Speaking” at County Council, **Total: 14 participants. 14W, 10F, 4M.**
- Taught “YUM Review” at FBCA, **Total: 36 participants. 30W, 2B, 1AS, 1MR, 26F, 10M.**
- Taught “Leadership and Life Skills” for YLN, **Total: 34 participants. 28W, 3B, 2H, 1MR, 17F, 17M.**
- Facilitated YLN Graduation, **Total: 70 participants. 55W, 10B, 5H, 40F, 40M.**
- Facilitated County Events, **Total: 47 participants. 37W, 4AS, 3AI, 3H, 24F, 23M.**
- Taught “4-H Club Membership” at HMS Robotics Club. **Total: 10 participants. 10W, 4F, 6M.**

Volunteers, Total – 90 participants

- Taught Various Subjects at Community Club Meetings, **Total: 80 participants. 69W, 5B, 5H, 1MR, 42M, 80F.**
- Taught Robotics at Callahan Middle School, **Total: 10 participants. 10W, 5M, 5F**

Return on Investment (ROI)

- Calculation of economic value of trained volunteers’ contribution to extension programs: According to 2014 Florida data from Independent Sector (http://independentsector.org/programs/research/volunteer_time.html) the estimated dollar value of a volunteer hour is \$22.08. 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 41 hours valued at \$905.28.**

- 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 March for this 4-H UF/IFAS Extension Faculty is \$1,050.00 (21 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 March is \$225.00 (3 hours)**

Therefore, the total ROI for the month of March is \$2,180.28.

Other Events:

- Coordinated Concession Stand Fundraiser and raised approximately \$1,500.00
- Attended Overall Advisory Committee meeting
- Completed Youth Mental Health First Aid Course
- Volunteered at Regional Envirothon for Duval, Nassau, and Clay County youth
- Participated in Camping Cluster meeting with Duval County agent
- Participated in planning meeting with mentor & RSA
- Participated in “Program Evaluation Training for Extension Professionals” IST

Irvine:

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

- Represented UF/IFAS & 4-H at West Nassau High School Relay for Life. **Total: 14 participants. 10W, 2B, 2NA, 5M, 9M.**
- Introduced to BOCC Commissioners, informed about programs and camp sponsorships. **Total: 5 participants. 5W, 5M.**

Initiative 7, Focus 2: Volunteer Recruitment, Development, Management, and Retention. Total: 3 participants; volunteers – zero.

- Taught Volunteers for Embryology Course at Callahan Middle School. **Total: 3 participants, 3W, 2F, 1M.**

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 687 participants; agent - 607; volunteer –80.

- Taught Eat 4-Health at Callahan Middle, **Total: 234 participants. 226W, 6B, 2AS, 115F, 119M.**
- Taught “Candling” at YPS and YES, **Total: 140 participants. 85W, 10B, 5H, 40F, 40M.**
- Taught Embryology at Callahan Middle, **Total: 250 participants. 239W, 6B, 3AS, 2H. 128F, 122M.**
- Taught Coat Color Genetics at Young Riders Club Meeting. **Total 16 participants. 15W, 1AS, 10M, 6F.**
- Facilitated County Events, **Total: 47 participants. 37W, 4AS, 3AI, 3H, 24F, 23M.**

Volunteers, Total – 119 participants

- Taught Various Subjects at Community Club Meetings, **Total: 119 participants. 116W, 1A, 1NA, 60M, 59F.**

Return on Investment (ROI)

- Calculation of economic value of trained volunteers’ contribution to extension programs: According to 2014 Florida data from Independent Sector (http://independentsector.org/programs/research/volunteer_time.html) the estimated dollar value of a volunteer hour is \$22.08. 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 35 hours valued at \$772.80.**
- 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 March for this 4-H UF/IFAS Extension Faculty is \$950.00 (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 January is \$75.00 (1 hour).**

Therefore, the total ROI for the month of January is \$1,797.80.

Other Events:

- Participated in P-card training
- Participated in EOC/SART/FEMA online training
- Participated in SART Conference
- Participated in Science Action Team meeting
- Participated in Mentor Advisory Meeting
- Attended Webinar on Poultry Bios-security
- Coordinated Rodeo Concession Stand Fundraiser, raised ~\$1,5000.
- Completed Youth Mental Health First Aid Training
- Organized/Participated in Emergency Sheltering for Nassau County
- Attended Overall Advisory Meeting
- Volunteered for the Regional Youth Enviorthon Contest

Kolluri

Initiative 1: Increasing the sustainability, profitability, and competitiveness of agricultural and horticultural enterprises

- Provided 11 email/phone consultations valued at \$75 per consult, **total savings \$825**
- Provided 4 office visit consultations valued at \$75 per consult, **total savings \$300**
- Conducted one farm site visit, valued at \$200/hr, to identify weeds in pasture and provide recommendations for a mole cricket infestation, **total savings \$200**
- Performed 3 pH soil tests at the local offices from this agent and Office Specialist 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. A reasonable cost for a personal consultation in the private sector would be \$25 per person for savings of \$75, **total savings \$84.**
- Taught a 15-minute Agricultural “Greenbelt” Classification segment at the Timber Marketing Workshop (30 participants: 25WM, 1BM, 1AM, 9WF, 1BF). 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 is $\$50.00 \times 0.25 \text{ hr} = \mathbf{\$12.50}$
- Attended In-Service Training for Pesticide Applicator Exam and CEU providers in Jacksonville, FL
- Attended monthly Farm Bureau Meeting
- Facilitated Nassau County Beekeeper’s Meeting
- Prepared list of livestock and poultry owners for disaster preparedness

Total ROI: \$1,421.50

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

- Provided 8 email/phone consultations, valued at \$75 per consult, **total savings \$600**
 - Includes one email consultation with the County Planning Department on an appropriate penalty to impose on those who violate the tree protection ordinance
- Provided 2 office visit consultation, valued at \$75 per consult, **total savings \$150**
- Conducted one site visit to Amelia Island Plantation, valued at \$200/hr, to provide recommendations for plantings to reduce erosion, **total savings \$200**
- Performed one water quality test, valued at \$150 per test, which included testing of dissolved oxygen, ammonia, alkalinity, pH, and carbon dioxide. Each test includes a phone/email consultation with analysis and best management practices for optimal water quality for fish ponds, **total savings \$150**
- Conducted two horseshoe crab nesting beach monitoring events with volunteers. Data from the surveys is going to the Florida Fish and Wildlife Conservation Commission (FWC) for development of a statewide Citizen Science program for horseshoe crab monitoring and protection. Survey events involved monitoring 3 different sections of the beach at Fort Clinch for 2 hours each. The agent led one group and the others were led by experienced volunteers (3/27 – 10 total participants: 4WM, 6WF; 3/28 – 14 total participants: 12 adults – 4WM, 8WF, 2 youths – 1WM, 1WF). 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 ($\$365 \times 4 = \$1,380$) plus 2 hours of data entry by the agent ($\$110 \times 2 = \210), **total ROI \$1,680**
- Attended Florida Invasive Species Partnership meeting in Gainesville, FL
- Attended North Regional Natural Resources In-Service Training in Wakulla, FL

- Received training on detecting microplastics and associated volunteer program from Sea Grant Extension Agent Maia McGuire
- Received training on water quality testing from Extension Agent Mike Davis in Baker County
- Researched incentives for tree protection and using low impact stormwater to discuss with the Planning Department
- Coordinated Building for Birds tool trainings to provide to environmental consultants in May

Total ROI: \$2,780.00

The total ROI for this agent in March was \$4,201.50

Other Events:

- Attended Overall Advisory Committee meeting
- Attended BOCC meeting
- Attended monthly Extension Staff Meeting

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

Jordi: Total – 150,378 (excluding PSA's)

- "Ask the Expert Q&A- Florida Gardening, March/April, vol. 22, No. 2 page 8 **Total: 18,000**
- "Garden Talk" Series published in Westside Journal **Total: 12,000**
- "Horticulture News" - Extension newsletter – **Total: 378**
- Master Gardener presents to Callahan Garden Club – News-Leader **Total: 10,000**
- "Harvest Gold"/Hardy Citrus– Nassau County Record **Total: 4,000**
- Pruning Class photos – News Leader, Westside Journal **Total: 22,000**
- LM Flowering Shrubs/Trees – Westside Journal **Total: 12,000**
- Crash Course class photos – New Leader (2X), Westside Journal, Nassau County Record **Total: 36,000**
- Rose Class photo – Westside Journal **Total: 12,000**
- Nassau Extension at Epcot – Westside Journal **Total: 12,000**
- Spotlight on Nassau Gardens/Stichweh – Westside Journal **Total: 12,000**
- Wordpress 30; Pinterest 1,626.

Total PSA's published: 761,784

McAlpine: Total – 24,000 (excluding PSA's)

- "Who Gets Grandma's Yellow Pie Plate?"; Newsleader and Nassau County Record: 24,000
- "Who Gets Grandma's Yellow Pie Plate?"; Grocery Store Tour Posted on Nassau County Family and Consumer Sciences Facebook Page and Nassau County Webpage; 56 friends
- FCS March Newsletter on Nassau.ifas.ufl.edu website

Total PSA's published: 48,000

Poppell: Total: 76,738 (excluding PSAs)

- Developed the Friday Flyer (2 issues), **Total: 606**
- Posted on Nassau County 4-H Facebook page (14 posts, 438 friends), **Total: 6,132**
- Wrote "America's Youth Learn about Insects", Fernandina Beach Newleader: 10,000. **Total: 10,000.**
- Submitted "March 4-H'er of the Month", Westside Journal: 12,000, Nassau County Record: 4,000. **Total: 16,000.**
- Wrote "Masonic Lodge Donates to 4-H", Westside Journal: 12,000, Fernandina Beach Newsleader: 10,000. **Total: 22,000.**
- Wrote "Nassau 4-H'ers Explore Capitol", Westside Journal: 12,000, Fernandina Beach Newsleader: 10,000. **Total: 22,000.**

Total PSA's published: zero

Irvine: Total - 9,364 (excluding PSAs)

- Posted on Nassau County 4-H Facebook page (12 posts, 441 friends), **Total: 5,292**
- Posted on Nassau County Farms Facebook page (3 posts, 24 friends), **Total: 72**
- Wrote "4-H County Events", Nassau County Record: 4,000. **Total: 4,000.**

Total PSA's published: zero

Kolluri: Total: 37,620 (excluding PSAs)

- “Horseshoe Crab Citizen Science Program” – Westside Journal, Volume XIII Issue 36, **Total: 11,800**
- “Horseshoe Crab Citizen Science Program Coming Here” – News-Leader, Wednesday, March 22, 2017, **Total: 10,000**
- “Ellis to Speak at Beekeepers Club” – Westside Journal, Volume XIII Issue 39, **Total: 11,800**
- “Horseshoe Crab Citizen Science Program Underway” – Nassau County Record, Volume 87 No. 15, **Total: 4,000**
- Posted on UF/IFAS Extension Nassau County Natural Resources Facebook page (1 post, 20 followers), **Total: 20**

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	Website hits/Facebook
Jordi	16	736	5/45	58	50	8	150,378	12,096
McAlpine	114	2,121	3/9	12	0	0	24,000	112
Poppell	13	921	0/80	10	4	0	76,738	6,132 friends
Irvine	9	687	0/42	8	3	1	9,364	72
Kolluri	1	30	0/10	13	5	2	37,620	0/20
Total:	144	4,495	8/186	101	62	11	298,100	12,096/6,336
*ROI	21,848.60	33,966.48	\$2,180.28	1,797.80	4,201.50			\$62,994

***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, at no cost to county except use of county vehicles:**Jordi:**

April	2-5	PILD Conference, Arlington, VA
	17-19	Extension Symposium, Gainesville, FL
	25	LCLM Advanced Training class – Duval County Extension
May	5-7	EPCOT speaker
	9	2017 NE District All-faculty and staff at Camp Kulaqua (Alachua County)
	16	LCLM class Duval County Extension

McAlpine

April	17-19	Gainesville UF/IFAS: 2017 Symposium
May	9	High Springs, FL: Northeast District Annual Meeting

Poppell

April	2-5	PILD Conference, Arlington, VA
	17-19	Extension Symposium, Gainesville, FL
	22	District Events, Jacksonville, FL
May	9	District Faculty/Staff Meeting
	20	Counselor Training, Camp Cherry Lake
	23	Evaluation IST, Gainesville, FL

Irvine

April	17-19	Extension Symposium, Gainesville, FL
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	18-20	New Agent Training, Gainesville, FL
	22	District Events, Jacksonville, FL
	27	New Agent Cohort Training, Starke, FL
May	9	District Faculty/Staff Meeting
	12-13	Area B Horse Show, Green Cove, FL
	20	Camp Counselor Training, Cherry Lake, FL
	23	Evaluation IST, Gainesville, FL
Kolluri		
April	3-5	Central Regional Urban Sustainability In-Service Training, Gainesville, FL
	17-20	Extension Symposium/Extension Development Academy, Gainesville, FL
	21	Invasive Species Control Workshop at Marion County Extension
May	3-5	Beef Cattle Short Course, Gainesville, FL
	9	2017 NE District All-faculty and staff at Camp Kulaqua (Alachua County)
	15	Building for Birds Presentation for consultants, Jacksonville, FL