

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) 6 attendees

- Developed the Overall Extension Program Monthly report to County Manager
- Worked in Demonstration Gardens
- Conducted screening for Duval County Horticulture agent
- Attended Disaster Preparedness for County
- Attended and participated in staff meeting – 6
- Attended and obtained certificate for Stop the Bleeding training
- Attended County Budget workshop
- Reviewed Zoe's Mission
- Participated in UF/IFAS annual review

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

I. Florida Friendly Landscapes – total 256; 174 participants; volunteer: 82 participants

- Managed Plant clinics by answering questions from public – 134 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 \$10,050. Fifty-eight of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$4,350. **Total savings to Nassau County residents this month: \$14,400**
- 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 18 pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$54. 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 \$450. **Total savings to Nassau County residents \$504**
- Conducted Master Gardener update meeting – 18 participants, 1WM, 23WF, 1HF
- Provided 2 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 \$300.**
- Prepared planting site, and completed planting at Wildlight retention pond – 22 attendees; 6WM; 16WF
- Value of teaching time for agent - \$50 per hour times one hour - **\$50 total**

Volunteers: Total: 82

- Taught Landscape Matters class – Hummingbirds – Karl Shaffer 40W participants; 15M, 25F
- Taught American Beach - Karl Shaffer 4WM participants. Topic – hummingbirds
- Taught Bluebirds – Landscape Matters – Candace Bridgewater 38W attendees; 11M; 27F

- Teaching value is \$50 x 3 hours for volunteer teaching equals \$150

II. Green Industry/Best Management Practices – total 25 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 2 site visits - \$200 per diagnostic visit which provided pest identification and best management practices. Total savings to pesticide businesses **valued at \$400**
- Proctored 1 Pesticide exam valued at \$50 per hour for **savings of \$100**
- **Total savings for local landscape businesses - \$950**

State Initiative 7, Focus 1: 4-H Youth Development – total 132 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
- Taught Emma Love vegetable gardening – 4 total volunteers – 40 youth; 38W; 2B; 23M; 17F

Other County and University Events:

- Took In-Service training from UF on Take All Root Rot (TARR)
- Consulted with Dr. Simonne, Dr. Gillett and Dr. Diaz regarding PhD proposals

McAlpine:

State Initiative 5: Human Development and Family/Aging Well – total 41 participants

- Provided specialized Medicare Literacy clinics to seniors: Total 6 participants: 2WM, 4WF
- Provided training and supervision to FCS Medicare Literacy Volunteer: 3 volunteer hours. Total 2 participants: 2WF
- FCS Medicare Literacy Volunteer provided education to seniors: 24 volunteer hours: Total 12 participants: 4WM, 1BF, 7WF
- Facilitated 4-H Youth Leadership Program at Council on Aging: Total 20 participants
- Provided support to Florida Department of Health, Nassau, HIV counselor regarding Medicare Literacy: Total 1 participant: 1WF
- **Return of Investment: Teaching – 10 hours x \$50/hour = \$500; volunteer 27 hours x \$22.70 = \$612.90**

State Initiative 5: Food Safety and Nutrition – total 125 participants: McAlpine 75 participants, Cox 234 participants

- Taught 3 Garden and Nutrition Lessons to Pak's Afterschool Garden and Nutrition Club (Super Greens, Food Preservation and ABC's of Hot Water Bath Canning): Total 41 participants: 19WM, 22WF
- Worked with 4-H Agent and developed Eat for Health program for Callahan Middle School
- Coordinated and lead field trip for youth to Beaver Street Farmer's market and Duval Extension Canning Center: Total 10 participants: 3WM, 7WF
- Taught 3 classes on food safety to participants in the Multi-County (Nassau, Duval, Clay, Bradford) Homemade Entrepreneurship Class (MEC): Total 24 participants: 4WM, 14WF, 6BF
- Certified 6 participants as Safe Food Handlers per Department of Business and Professional Regulations
- Attended Nassau County Health Improvement Coalition

Family Nutrition Program: Denis Cox

- Taught 14 nutrition classes at Yulee Primary School and Callahan Elementary School: 234 participants: 110WM, 2BM, 115WF, 4BFF, 3HF
- **Return of Investment: McAlpine Teaching – 16 hours x \$50/hour = \$800; Cox FNP monthly grant dollars \$2,000**

State Initiative 5: Family Financial Management – total 23 participants

- Provided income tax assistance (VITA) and basic financial education: Total 13 participants: 1WM, 1BM, 10WF, 1BF

- Taught and assisted elderly apply to Medicare Savings Programs: Total 2 participants: 1WM, 1WF
- Taught Credit Repair and Understanding Credit Reports to Homemade Entrepreneurship Class: Total 8 participants: 2WM, 4WF, 2BF
- **Return of Investment: McAlpine teaching – 14 hours x \$50/hour = \$700; Tax Preparation Fees saved \$300 per tax return x 13 returns = \$3,900; Medicare Savings Subsidies Savings = \$5,000**

Total ROI for the month of March is \$13,512.90

Other County and University Events – total 128 participants

- Attended and presented at Overall Extension Advisory Committee Meeting: Total 8 participants: 1WM, 7WF
- Attended monthly staff meeting: 7 participants: 7WF
- Participated in Annual UF/IFAS Faculty Appraisal with Dr. Simonne
- Participated in Fernandina Beach Middle School (FBMS) Annual Career Fair: Total 120 participants: 65 WM, 5 BM, 45 WF, 5 BF
- Submitted monthly report to CED
- Provided “What is Extension” Exhibit at FBMS Career Fair
- Attended training and received certification for “Stop the Bleed”

Poppell:

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

Development – Total: 0 participants; volunteers – zero

- Participated in Camp Cherry Lake Advisory meeting
- Participated in Overall Advisory meeting
- Participated in Annual Appraisal with DED
- Led monthly staff meeting

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

- Taught 4-H Day at the Capitol Parent Orientation, Total: 3 participants, 3W, 3F

Initiative 7: Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 537 participants; agent – 455; volunteer – 82

- Taught “Event Planning” at County Council, Total: 13 participants, 13W, 9F, 4M
- Taught “Questions and Predictions” at Yulee Primary School, Total: 96 participants, 71W, 13H, 7MR, 5B, 49F, 47M
- Taught “Encouraging the Heart” at Youth Leadership Nassau, Total: 28 participants, 22W, 2AS, 2H, 2B, 21F, 7M
- Taught “Observations and Comparisons” at Yulee Primary School, Total: 96 participants, 71W, 13H, 7MR, 5B, 49F, 47M
- Taught “Animal Tracks” at Wilderness Survival Fun Shop, Total: 25 participants, 25W, 13F, 12M
- Taught “Conflict Resolution” at District Council meeting, Total: 12 participants, 11W, 1B, 8F, 4M
- Taught “Insects vs. Non-Insects” at Wildlight Elementary, Total: 15 participants, 14W, 1B, 8F, 7M
- Taught “Measurements” at Yulee Primary School, Total: 96 participants, 71W, 13H, 7MR, 5B, 49F, 47M
- Co-facilitated County Events, Total: 74 participants, 42F, 32M, 72W, 2AI/NA

Volunteers, Total – 82 participants

- Taught various subjects at community club meetings, Total: 82 participants, 78W, 5B, 45F, 37M

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 58.5 hours valued at \$1,339.30**

- 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 \$500 (10 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 \$150 (2 hours)**

Therefore, the total ROI for the month of March is \$1,989.30

Irvine:

Initiative 7, Focus 1: Organizational Strategies and Learning Environments to Support Youth Development – Total: 5 participants; volunteers – zero

- Participated in Area North Meeting (x2)
- Participated in Animal Science Action Team Meeting
- Participated in IST/4-H University planning Meeting, Total: 1 WF participant
- Attended staff meeting
- Co-led Extension Overall Association Meeting, Total: 4 participants. 1M, 3F, 3W, 1H
- Participated in Cherry Lake Advisory Meeting
- Facilitating post-embryology chicken adoption program

Initiative 7, Focus 2: Volunteer Recruitment, Development, Management, and Retention. Total: 34 participants; volunteers – zero

- Trained Emma Love teachers for Embryology, Total: 7 participants. 7WF
- Trained Homeschool Volunteers for Embryology, Total: 2 participants. 2WF
- Taught Club Leaders through 4-H on the 4th newsletter, Total: 19 participants
- Evaluated Town and Country Club, Total: 6 participants. 2M, 4F, 5W, 1B

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 267 participants; agent - 187; volunteer – 80

- Taught Hippology (x2), Total: 26 participants. 5M, 21F, 24W, 2B
- Taught embryology intro at Emma Love, Total: 131 participants. 68M, 63F, 98W, 15H, 16B, 2 multi
- Co-led Youth Emergency Team Continued Education Day, Total: 4 participants. 4WF
- Co-led Horse Clinic, Total: 10 participants. 3M, 7F, 9W, 1B.
- Taught “Count Events Preparation” at Callahan County Kids meeting, Total: 22 participants. 8M, 14F, 22W
- Co-led County Events, Total: 74 participants. 42F, 32M, 2AI/AN, 6 unknown

Volunteers, Total – 95 participants

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

Other Events:

- Judged award applications to FAE4-HA and NAE4-HA
- Participated in New Agent Cohort Training
- Completed Stop the Bleed Training
- Co-Facilitated Regional Envirothon
- Participated in Annual Appraisal
- Attended BOCC Department Head Meeting

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 206 hours valued at \$4,805.98.**

- 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 \$450 (9 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 February is \$5,406

Dacey:

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

Focus 2: Natural Resource Operations – total 185 agent taught participants; volunteer: 51 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 33 email/phone consultations, valued at \$75 per consult, **total savings to county residents \$2,475**
- Conducted 6 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 \$1,400**

Attended:

- Florida Horseshoe Crab Watch planning meeting
- Northeast Estuarine Restoration Team quarterly meeting
- 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: 179 agent taught participants; volunteer: 50 participants

- Taught "Weed Wrangle" at John Muir Ecological Park, total participants: 6, 4WF, 2WM
- Co-taught "Horseshoe Crabs of Northeast Florida" for Florida Horseshoe Crab Watch Training workshop, total participants: 37, 31WF, 1HM, 5WM
- Co-taught "Living shorelines & CORE modules" for Oyster module building day, total participants: 16, 9WF, 1HM, 6WM
- Co-taught "Hike with a Naturalist" at Cary State Forest, total participants: 30, 17F, 13M, 2AA, 2H
- Taught "Oysters" for Florida Master Naturalist Coastal Shoreline Restoration course, total participants: 20, 1HM, 14WM, 5WF
- Taught "Sea Level Rise" for Florida Master Naturalist Coastal Shoreline Restoration course, total participants: 20, 1HM, 14WM, 5WF
- Taught "Living Shoreline Scenarios Group Activity" for Florida Master Naturalist Coastal Shoreline Restoration course, total participants: 20, 1HM, 14WM, 5WF
- Taught "Ecology of Estuaries: Living Shorelines" for Living on a barrier island course, total participants: 30, 16WF, 2A, 12WM
- Organized and managed NE Florida Master Naturalist Chapter 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**
- Facilitated Hike with a Naturalist planning committee, total: 5 participants, 1WF, 4WM
 - Overall volunteers contributed 59 x \$24.69/hr, **total savings \$1,456.71**

- Organized and managed Living Shorelines Hands-on workshop, **total: 16 participants**
 - Volunteers contributed 8 hours of time. Total volunteer hours provided during the month were 128 x \$24.69/hr, **total savings \$3,160.32**
- **Return of Investment: Dacey Teaching – 12 hours x \$50/hour = \$600; Total Volunteer Hours: 479 x \$24.69 = \$11,826.51**

Total ROI: \$25,609.64 for Initiative 3

State 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 34 diagnostic email/phone calls valued at \$75 per consult, **total savings to county residents \$2,550**
 - Provided 2 diagnostic office visits valued at \$75 per consult, **total savings to county resident was \$150**
 - Attended Northeast Florida Livestock Agents Group (NFLAG) Meeting

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

Total ROI: \$2,700 for Initiative 1

The total ROI for this agent and volunteers in March for all program areas was \$28,309.64

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

Other County and University Events – total 0 participants

- Attended monthly staff meeting
- Completed Stop the Bleed Training
- Attended Fernandina Beach Middle School Career Day
- Participated in Wildlight pond planting
- Participated in Annual Appraisal with DED

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

Jordi: Total – 105,000 (excluding PSA's)

- Jordi presents at Women's Club – Westside Journal Total: 12,000
- Garden Talk (Rootbeer Plant)– Westside Journal, News- Leader, Amelia Island Living e-mag Total: 51,000
- LM Citrus Class photos – Nassau County Record Total: 4,000
- J. Templeton speaks at Callahan Garden Club - Westside Journal Total: 12,000
- Spotlight on Nassau Gardens: Oliver's – News-Leader, Westside Journal, Nassau County Record Total: 26,000
- **UF Blog 203; Pinterest 23,243; Facebook 969; Blog PSA totals: 24,833**

Total PSA's published: 2,250,778

McAlpine: Total: 447 (excluding PSA's)

- Submitted ½ page article to Newsleader "Living Wills" but not published
- Wrote "What is Extension" (2-page fact sheet): **Total 91**
- Wrote Super Greens, ABC's of Hot Water Bath Canning Fact Sheets (1 page fact sheet): **Total 40**
- Wrote 2 Blogs for Nassau County Extension Service: Living Wills and What is Extension: **Total 150 views**
- Revised Food Safety PowerPoint (48 slides): **Total 8**
- Revised Credit Repair PowerPoint (15 slides): **Total 8**

Total PSA's published: 20,000

Poppell: Total: 32,600 (excluding PSAs and blogs)

- Developed the Friday Flyer (3 issues), **Total: 600**
- Edited "Mad Scientist Fun Shop", Fernandina Beach News-Leader: 10,000, Nassau County Record: 4,000, **Total: 14,000**

- Edited “Buggin Out Shoe Drive”, Fernandina Beach News-Leader: 10,000, Nassau County Record: 4,000, **Total: 14,000**
- Wrote “Students Compete in Speech Contest”, Nassau County Record: 4,000, **Total: 4,000**
- Wrote “Share the Fun by Sharing your Talent” for Nassau County Extension blog, **Total: 180 views**
- Wrote “4-H’er of the Month, Hunter Burns” for Nassau County Extension blog, **Total: 64 views**

Total PSA’s published: 12,000

Irvine: Total: 26,783 (excluding PSAs)

- Published “County Events Series: Photography & Graphic Design” for the UF/IFAS blog, **Total: 164**
- Published “Making Sense of Horse Show Classes” for the UF/IFAS blog, **Total: 619**
- Published “4-H’er of the Month: Katie Gates” for Fernandina Beach Newsleader, Total: 10,000, Nassau County Record, Total: 4,000, Westside Journal, Total: 12,000, **Total: 26,000**

Dacey: Total: 406 (excluding PSAs and blogs)

- Developed with Diane Howell “Hike with a Naturalist Cary State Forest Nature Trail” – brochure, **Total: 30**
- Developed with Diane Howell “Hike with a Naturalist Nature Trail” – Interpreter script, **Total: 30**
- Created “Gopher Tortoises in the Uplands” – handout, **Total: 30**
- Developed “Living Shorelines & CORE modules” worksheet for hands-on workshop, **Total: 18**
- Created “Gopher Tortoises of Amelia Island” - hand out **Total: 33**
- Created “Horseshoe Crabs of Northeast Florida” – PowerPoint, 10 slides **Total: 37**
- Created flyers: Horseshoe Crab Watch Volunteer Training, Hike with a Naturalist, Oyster Gardening, Weed Wrangle, **Total: 228**
- Created “Oysters” for Florida Master Naturalist Coastal Shoreline Restoration - PowerPoint, 45 **Total: 20**
- Created “Sea Level Rise” for Florida Master Naturalist Coastal Shoreline Restoration - PowerPoint, 52 slides **Total: 20**
- Created “Ecology of Estuaries: Living Shorelines” for Living on a barrier island class - PowerPoint, **Total: 30**

Total PSA’s published: 12,192

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	476	3/85	54	58	2	105,000	203/24,212
McAlpine	30	463	3/15	19	1	0	447	150 /130
Poppell	10	537	0/62	11	5	1	32,600	244/1,794
Irvine	16	401	0/81	35	1	2	26,000	783/5,544
Dacey	16	185	0/38	18	2	7	406	/11,964
Total:	82	2,062	6/281	137	67	12	164,453	12,492/6,361
*ROI								\$66,932

***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	5	Duval County Advanced Training - Botany
	9	Invasive plants – St. Mary’s Georgia
May	7-9	Dean’s Symposium - Gainesville
	14-15	Northeast District meeting

McAlpine

April	None	
May	7-9	Extension Symposium, Gainesville
	14-15	District Faculty Meetings

Poppell

April	4	4-H Day at the Capitol, Tallahassee
	18	Counselor Training, Duval County Extension
May	7-9	Extension Symposium, Gainesville
	14	District Faculty Meeting
	18	Counselor Training, Camp Cherry Lake
	30	Counselor Training, Duval County Extension

Irvine

April	6-7	Hippology State Contest, Gainesville
May	7-9	Extension Symposium
	10-11	Area North Horse Show, Green Cove Springs
	14-15	Northeast District Faculty
	29-31	State Agricultural Response Team Planning Conference

Justina

April	2	Oyster & Water Quality Task Force Meeting, Ponte Vedra, FL
	3-5	Florida Master Naturalist Conservation Science, St. Johns, FL
	10	Oyster module pick up, Whitney Laboratory, Marineland, FL
	17	North Florida Livestock Agents Group meeting, Gainesville
	24	Oyster Gardening Workshop, Whitney Laboratory, Marineland, FL
	30	NFLAG Forages Workshop, Live Oak, FL
May	7-9	UF/IFAS Extension Symposium, Gainesville, FL
	14-15	UF/IFAS Northeast District Meeting, Alachua, FL