

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) 22 attendees**

- Developed the Overall Extension Program Monthly report to County Manager
- Conducted/facilitated staff meeting – 7WF
- Worked in Demonstration Garden
- Attended Department Head meeting – 15
- Completed workload for 2017 to UF
- Completed annual appraisals on 4 agents, and self
- Screened 8 candidate for Duval County's horticulture position
- Completed FDACS quarterly pesticide testing report
- Completed FFL quarterly report
- Completed American Beach site visit survey for Federal Grant

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

**I. Florida Friendly Landscapes – total 215; 186 participants; volunteer: 29 participants**

- Managed Plant clinics by answering questions from public – 95 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 \$7,125. Thirty of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$2,250. **Total savings to Nassau County residents this month: \$9,375.**
- 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](http://independentsector.org/programs/research/volunteer_time.html)).**
- Performed 8 pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$24. 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 \$200. **Total savings to Nassau County residents \$224.**
- Taught Landscape Matters Class – Citrus in the Home Landscape – 66 participants; 62W, 2B, 2H, 33M, 33F
- Developed 1 PowerPoint presentations: Landscape Matters – Growing Fruit in the landscape, 35 slides.
- Conducted/facilitated and taught Master Gardener update meeting – 25W participants; 24F, 1M; 23W, 1B; new information on lion's tailing trees
- 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.**

**Volunteers: Total: 29 attendees**

- Met with teacher, Janet Faris, at Emma Love for Zebra Project and raised bed gardening – Harriet Klontz
- Taught Landscape Matters class on fruits – 28 attendees; 26W; 2B; 9M; 17F; 2 MG taught
- Master Gardener teaching valued at \$50 per hour – \$100

## **II. Green Industry/Best Management Practices – total 51 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**.
- Taught LCLM class: 43 participants: 33W, 7B, 3H; 40M, 3F; provided 43 CEU valued at \$20 each for a total **savings of \$860**
- **Total savings for local landscape businesses and municipal agencies- \$1,710**

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

- Taught, facilitated, managed Top Tomatoes - volunteers Libby Wilkes and 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
- **Total classes taught by Master Gardener volunteers – 6 classes a month; ROI \$50 x 6 = \$300**

## **Other County and University Events:**

- Edited and completed FLEPCC grant for invasive program "Invasive Out/Natives In"
- Reviewed Zoe's Mission – children's book

**Return of Investment: Jordi teaching – 3 hours x \$50/hour = \$150. Total Return of Investment for Horticulture program: \$13,218.81**

## **McAlpine:**

### **State Initiative 5: Human Development and Family/Aging Well – total 11 participants**

- Provided Medicare Literacy clinics to seniors: 6 participants: 3WM, 3W
- FCS Medicare Literacy volunteer provided 2 clinics to seniors: 3 participants: 1WM, 2WF
- Provided training and support to FCS Medicare Literacy volunteer (4 hours): 2 participants: 2WF
- Total FCS volunteer hours: 8

**Return of Investment: Teaching – 12 hours x \$50/hour = \$600; volunteer hours 8 x \$24.69 = \$197.52**

### **State Initiative 5: Food Safety and Nutrition – total participants: McAlpine 84 participants, Cox 221 Participants**

- Taught 4 classes: handwashing, how to read a seed packet, cooking with electric pressure cooker and dehydration at Pak's Afterschool Garden and Nutrition Program: 48 participants: 3BM, 30WM, 15WF
- Taught 2 classes: sugary drinks, fruits and vegetables at Fernandina Beach Montessori school: 31 participants: 17WM, 18WF
- Taught 1 class: fruits and vegetables at Yulee Boys and Girls Club: 5 participants: 1BF, 4WF
- Attended and participated in 2 meetings with local county Health Departments County Health, topic focused on Initiative Partnership program
- Attended and participated in NC School's District Nassau Health Improvement Coalition meeting
- Met with 4-H Agent Kristen Poppell and revised Eat for Health lessons
- Investigated and coordinated youth canning program, to be conducted at the Jacksonville Canning Center

### **Family Nutrition Program: Denis Cox**

- Taught 4 nutrition classes at ARC: 89 participants: 56WM, 4BM, 4BF, 25WF
- Taught 8 YUM at YPS and CES: 132 participants: 52WM, 2BM, 70WF, 1HF, 7BF

**Return of Investment: McAlpine Teaching – 9 hours x \$50/hour = \$450; Cox FNP monthly grant dollars \$2,000**

**State Initiative 5: Family Financial Management – total 8 participants**

- Taught 1 class on credit reports and repairing credit: 6 participants: 1WM, 5WF
- Prepared 1 Income Tax return as part of partnership with United Way's Volunteer Income Tax Assistance (VITA) Program: 1 participant: 1WF
- Participated in meeting with Micah's place regarding financial educational programs for women at the shelter
- Provided 1 educational talk on setting S.M.A.R.T. financial goals: 1 participant: 1WF
- Attended 4 VITA trainings
- Completed Advance Level VITA certifications as a requirement for the VITA program

**Return of Investment: Teaching 3 hours x \$50/hour=\$150; VITA low-income tax filer saved \$250**

**Other County/University Events**

- Completed annual Workload Data
- Completed monthly report
- Attended monthly staff meeting

**Poppell:**

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

- Participated in Northeast District 4-H Awards workday
- Participated in Citizenship-Leadership Action Team meeting
- Participated in monthly staff meeting

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

- Presented "Volunteer Opportunities" to Yulee Rotary Club, Total: 20 participants, 20W, 12M, 8F

**Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 823 participants; agent – 718; volunteer – 105**

- Taught "Grains" at Hilliard Elementary School, Total: 122 participants, 108W, 8B, 3MR, 2AS, 1AI/NA
- Taught "Creating a Lesson Plan" at County Council, Total: 13 participants, 13W, 8F, 5M
- Taught "Challenge the Process" at Youth Leadership Nassau, Total: 27 participants, 22W, 2AS, 2H, 1B 19F, 8M
- Taught "Fruits & Vegetables" at Hilliard Elementary School, Total: 122 participants, 108W, 8B, 3MR, 2AS, 1AI/NA
- Taught "Sugary Drinks" at Amelia Island Montessori, Total: 16 participants, 13W, 3B, 8F, 8M
- Taught "Fruits & Vegetables" at Fernandina Beach Christian Academy, Total: 19 participants, 17W, 2B, 11F, 8M
- Taught "Dairy" at Hilliard Elementary School, Total: 122 participants, 108W, 8B, 3MR, 2AS, 1AI/NA
- Taught "Predictions & Questions" at Hilliard Elementary School, Total: 120 participants, 110W, 5B, 5H, 56F, 54M
- Taught "Fruits & Vegetables" at Amelia Island Montessori, Total: 16 participants, 13W, 3B, 8F, 8M
- Taught "Grains" at Fernandina Beach Christian Academy, Total: 19 participants, 17W, 2B, 11F, 8M
- Taught "Protein" at Hilliard Elementary School, Total: 122 participants, 108W, 8B, 3MR, 2AS, 1AI/NA

**Volunteers, Total – 105 participants**

- Taught "Mad Scientist Fun Shop", Total: 27 participants, 24W, 2H, 1B, 12F, 15M
- Taught various subjects at community club meetings, Total: 78 participants, 73W, 5B, 47F, 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](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 89 hours valued at \$2,020.30**
- 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 January for this 4-H UF/IFAS Extension Faculty is \$775 (15.5 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 (1 hour)**

**Therefore, the total ROI for the month of January is \$2,870.30**

### **Irvine:**

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

- Participated in Area North Meeting
- Participated in staff meeting

**Initiative 7, Focus 2: Volunteer Recruitment, Development, Management, and Retention. Total: 26 participants; volunteers – zero**

- Trained volunteers for embryology program, Total: 4 participants. 4WF
- Trained HES teachers for Embryology, Total: 12 participants. 12F, 10W, 1A, 1H
- Coop build with volunteer, Total: 1 participant. 1WM.
- Trained YES teachers for embryology, 9 participants. 1M, 8F, 9W

**Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 473 participants; agent - 371; volunteer – 102**

- Taught Hippology, Total: 24 participants. 2M, 22F, 23W, 1H
- Taught embryology intro at HES, Total: 65 participants. 34M, 31F, 57W, 7B, 1A
- Taught embryology candling at HES, Total: 65 participants. 34M, 31F, 57W, 7B, 1A
- Taught Horse Program workshop, Total: 24 participants. 3M, 21F, 23W, 1B
- Taught embryology into at CMS, Total: 250 participants. 133M, 117F, 227W, 10B, 2H, 1A, 1O
- Taught embryology candling at CMS, Total: 45 participants. 25M, 20M, 2B, 2H, 1A

**Volunteers, Total – 90 participants**

- Taught Various Subjects at Community Club Meetings, Total: 148 participants. 91M, 57F, 119W, 18B, 9H, 2A.

### **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](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 232 hours valued at \$5,412.56.**
- 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 \$1,000 (20 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 \$6,487.56**

#### Other Events:

- Attended Area/State Horse Show software training
- Attended NE District 4-H Awards workshop

#### Dacey:

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

##### **A. Focus 2: Natural Resource Operations – total 130 agent taught participants; volunteer: 15 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 29 email/phone consultations, valued at \$75 per consult, **total savings to county residents \$2,175**
  - Conducted 5 natural resource site visits, valued at \$200/hour, to assist Omni Plantation with initiating an Oyster Gardening Program, sampled water for pond, visited potential living shoreline sites and provided recommendations for living shoreline projects with county citizens, **total savings \$2,000**

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

- One youth analyzed water samples for microplastics citizen science project, 10 hours x \$24.69/hr, **total savings \$233.30**

##### **B. Focus 3: Environmental Literacy and Stewardship - total: 115 agent taught participants; volunteer: 15 participants**

- Presented "Northeast Florida Master Naturalist Chapter" at An Evening with Marty Main event, **total: 94 participants: 53WF, 34WM 2HM, 4AM, 1HF**
- Taught "Manatees and Aquatic Plants" for FMNP Conservation Science **total: 21 participants, 15WF, 1HF, 5WM**
- Organized and managed NE Florida Master Naturalist Chapter Officer Meeting, **total: 9 participants, 1HM, 3WM, 3WF**
  - Hosted Evening with Marty Main, all officers contributed 4 hours each, 36 x \$24.69/hr, **total savings \$839.88**
  - Each officer contributed approximately 20 hours of time (6 hours for meeting, event planning and coordinating (8)). 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 180 x \$24.69/hr, **total savings \$4,199.40**
- Created Hike with a Naturalist planning committee, **total: 5 participants, 1WF, 4WM**
  - Each committee member contributed approximately 3 hours of time (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 15 x \$24.69/hr, **total savings \$349.95**
- Completed FWC Aquatics Collection Permit Course

**Return of Investment: Dacey Teaching – 4 hours x \$50/hour = \$200; Total Volunteer Hours: 241 x \$24.69 = \$5,950.29**

**Total ROI: \$10,325.29 for Initiative 3**

#### **Initiative 1: Increasing the sustainability, profitability, and competitiveness of agricultural & horticultural enterprises. Total: 39 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 17 email/phone consultations valued at \$75 per consult, **total savings to county residents \$1,275**
- Provided 3 office visit consultations valued at \$75 per consult, **total savings to county resident was \$225**
- Conducted 7 pH soil test for 1 client at the local office from this agent and Office Administrator I which saved county residents \$21. 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 \$175; **total savings \$196**
- Taught "Pesticide Safety, Personal Protective Equipment & Pesticide Spills" for CORE Pesticide workshop in Duval County **total: 20 participants, 14WM, 2AAM, 4HM**
- Taught "Aquatic Plant Identification" for Aquatics Pesticide workshop in Duval County, **total: 19 participants, 13WM, 2AAM, 4HM**
- Conducted "Identify these local aquatic plants" activity for Aquatics Pesticide workshop in Duval County, **total: 19 participants, 13WM, 2AAM, 4HM**
- Attended Northeast Florida Livestock Agents Group (NFLAG) Meeting

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

##### **Volunteers:**

**Return of Investment: Dacey Teaching – 6 hours x \$50/hour = \$300; Volunteer Hours: 0; Total ROI: \$1,996 for Initiative 1**

**The total ROI for this agent in January for all program areas was \$12,321.29**

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

### **Jordi: Total published - 183,208 (excluding PSA)**

- "Ask the Expert" Q&A Articles –Florida Gardening January/February 2018 Vol.23, No. 1, pages 8-96 Total: 18,000
- Garden Talk (Mulberry Weed, Poinsettia, Bahiagrass, Citrus) – Fernandina Beach NewsLeader (2X), Westside Journal, Yulee Bugle (3X) Total: 51,530
- LM Pesticide class photo – Westside Journal, Nassau County Record Total: 16,000
- LM Fruit Tree class (3) photos - Fernandina Beach News Leader Total: 10,000
- "Jordi speaks to AIP Garden Interest Group photo – News Leader Total: 10,000
- "Horticulture News" – Extension newsletter Total: 378
- "Spotlight on Nassau Gardens" – Westside Journal (2X), Nassau County Record, Fernandina Beach Fernandina Beach Observer, Yulee Bugle Total: 77,300
- UF Blog 227; Pinterest 12,599; Facebook 2,967

**Total PSA's published: 1,181,566**

### **McAlpine: Total published – 55 (excluding PSA)**

- Wrote and submitted newspaper article, "Understanding Your FICO Score," to FB Newsleader.
- Wrote and published 2 UF/IFAS blog articles on Repairing Credit and Understanding Your FICO Score. **Total: 179 views**
- Wrote and posted 2 articles on Repairing Credit and Understanding Your FICO Score on FCS Facebook. **Total: 140 views**
- Wrote fact sheet on handwashing. 1 page. **Total: 18**
- Wrote fact sheet on reading a seed packet: 1 page. **Total: 15**
- Wrote fact sheet on setting SMART Financial Goals: 1 page: **Total 1**
- Developed PowerPoint Presentation on Credit Reports and Repair: 25 slides: **Total 6**
- Wrote fact sheet on dehydrating food: 1 page: **Total 15**

**Total PSA's published: zero**

### **Poppell: Total published - 52,335 (excluding PSA)**

- Developed the Friday Flyer (2 issues), **Total: 335**
- Wrote "Youth Leadership Nassau Receives Regional Award", Westside Journal: 12,000, Nassau County Record: 4,000, Fernandina Beach News-Leader, **Total: 26,000**
- Wrote "State 4-H President Visits Callahan 4-H Club", Westside Journal: 12,000, Fernandina Beach News-Leader: 10,000, Nassau County Record: 4,000, **Total: 26,000**

- Wrote “4-H Day at the Capitol 2019” for Nassau County Extension blog, Total: **148 views**
- Wrote “4-H’er of the Month - Joan” for Nassau County Extension blog, Total: **130 views**

**Total PSA’s published:**

**Irvine: Total published - 181 (excluding PSA)**

- Published “2019: Let’s get this year started!” for the UF/IFAS Blog, **Total: 181**

**Total PSA’s published: zero**

**Dacey: Total published – 351 (excluding PSA)**

- Wrote “Pesticide Safety” – Powerpoint, 16 slides, presented at CORE pesticide workshop **Total: 20**
- Wrote “Personal Protective Equipment” – Powerpoint, 16 slides, presented at CORE pesticide workshop **Total: 20**
- Wrote “Pesticide Spills” – Powerpoint, 14 slides, presented at CORE pesticide workshop **Total: 20**
- Created “Aquatic Plant Identification” – Powerpoint, 31 slides, presented at Aquatics pesticide workshop **Total: 19**
- Developed “Identify these local aquatic plants” – activity, presented at Aquatics pesticide workshop **Total: 19**
- Created “Forage Variety Recommendations” – Powerpoint, 27 slides. Created for Successful Winter Grazing Workshop **Total: 17**
- Developed “Cool-Season Forages” – handout **Total: 17**
- Created “Northeast Florida Master Naturalist Chapter” – Powerpoint, 8 slides. Created for An Evening with Marty Main event. **Total: 94**
- Developed “Northeast Florida Master Naturalist Chapter Events” – flyer **Total: 100**
- Wrote “Manatees and Aquatic Plants” – script for FMNP Conservation Science Special Topics – **25 attendees**
- Posted on UF/IFAS Nassau County Extension Facebook page (2 posts x 272 followers) **Total: 544**
- Posted on Amelia Island Fernandina Beach Network Public Facebook Group (2 posts x 23,775 followers) **47,550 total**
- Posted on Amelia Island Fernandina Beach Yulee Network Public Facebook Group (2 posts x 14,611 followers) **Total: 29,222**

**Total PSA’s published: 77,316**

### **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	6	358	3/80	48	30	3	183,208	/6,192
McAlpine	26	326	1/11	12	2	0	55	179/140
Poppell	14	823	0/27	5	1	1	52,613	278/2,681
Irvine	12	589	0/150	41	1	0	0	181/4,613
Dacey	11	169	39	11	3	5	351	0/77,316
<b>Total:</b>	<b>61</b>	<b>1,352</b>	<b>11/220</b>	<b>89</b>	<b>28</b>	<b>5</b>	<b>325,445</b>	<b>9,083/2,532</b>
<b>*ROI</b>								<b>\$36,417</b>

**\*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:**

February	5-6	Regional CED meeting Taylor County Extension
	21	Arborist Training Woodbine GA
March	None	

**McAlpine**

February	None	
March	28	Clay County Extension – Fair Judging

**Poppell**

February	27	Northeast District Time Management Workshop, Citrus County Extension
March	13	Camp Planning Meeting, Duval County Extension
	15	Canning Center Field Trip, Duval County Extension

**Irvine**

February	8	District Events Planning, TBA
	15-16	Winter Wonderland of Horses, Clay
	27	NE District 4-H Time Management Training, TBA
March	5	Regional Envirothon
	18	Cherry Lake Advisory Meeting

**Dacey**

February	12	Permanent Status and Promotion Workshop, Lake City, FL
	14-15	SeaGrant Agents Workshop, Tampa, FL
	20	Building CORE modules volunteer day, St. Augustine, FL
March	4-6	Natural Resources IST, Gainesville, FL
	11.	Building CORE modules volunteer day, St. Augustine, FL