

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) 5 attendees

- Worked in Demonstration Garden - 2 days
- Completed monthly report for UF/IFAS
- Edited 3 POW/ROA (Irvine, Dacey & Karsch) for 2019 annual UF/IFAS reports
- Overall advisory meeting – attended by 3 volunteers
- Worked with Keep Nassau Beautiful for 3 training session on proper tree planting at Callahan, Hilliard, and Yulee.

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

I. Florida Friendly Landscapes – total 201; 201 participants; volunteer: zero participants

- Managed Plant clinics by answering questions from the public – 53 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 \$3,975. Twenty-four of those requiring diagnosis were one-on-one diagnostic office visits for additional value of \$75 per person for a savings of \$1,800. **Total savings to Nassau County residents this month: \$5,775**
- 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 twelve pH soil tests at the local offices from this agent, Office Specialist, and Master Gardener volunteers which saved county residents \$36. 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 \$300. **Total savings to Nassau County residents \$336**
- Conducted and taught at Master Gardener update meeting – identifying basil leafminers; 18 participants: 1BF, 1WM, 16WF
- Taught Preserve Garden Club women – 10WF Growing Citrus in the Landscape
- Taught Landscape Matters – Herbs – 55 attendees: 11M; 44F; 54W; 1B
- Presented at State CED meeting on ROI 35 attendees; 15M; 20F; 31W; 2B, 2H
- Taught Landscape Matters – Composting to 30 attendees, 10M, 20F; 29W, 1B
- Five hours of teaching valued at \$50 per hour for **total savings of \$250.**
- Conducted zero site visits to homeowners to assess tree risks: 1WF, 1WM valued at \$150 per site visit, **total savings to county is \$zero.**

Volunteers: Total: zero

II. Green Industry/Best Management Practices – total 4 participants

- Provided 3 phone/e-mail consultations valued at \$75 per consult, **total savings \$225**. Water conservation is always discussed as it directly relates to the reduction of disease.
- Conducted zero site visits - \$200 per diagnostic visit which provided pest identification and best management practices. **Total savings to pesticide businesses valued at \$zero.**
- **Total savings for local landscape businesses - \$225**

State Initiative 7, Focus 1: 4-H Youth Development – total 92 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
- Calculation of economic value of instructional hours of extension programs using the median hourly wage for a Professor – Science is \$50 an hour for 10 hours as of 2016. **Total savings to Nassau County residents is \$400**

Other County and University Events:

- Provided appropriate plant material ideas for demonstration garden
- Went to Superior Trees to purchase cedar trees for Kristen Poppell project

Total savings for all horticulture programs ROI is \$7,546

McAlpine:

Initiative V: Priority Working Group 2 and 4: Human Development and Family and Aging Well Total: 63 Participants

- Provided face to face education about Medicare Choices: 43 participants: 21WM, 21WF, 1BF
- Provided weekly supervision to FCS Volunteer: 4 participants: 4WF
- FCS Volunteer provided face to face education about Medicare Choices: 16 participants: 4WM, 12WF
- Attended and participated in Florida Health Department's committee meeting "Age Friendly Communities"
- Attended and participated in Florida Health Department's "Age Friendly Communities" training to BOCC department representatives
- FCS Volunteer provided 50 hours of volunteer service
- 60 hours of teaching valued at \$50 per hour for a **total savings of \$3000**
- Resulting from Medicare education 75% of recipients enrolled in lower costing prescription drug plans: 44 participants: 15WM, 29WF
- Nassau County residents switching drug plans for a **total savings of \$17,600**
- FCS Volunteered 50 hours valued at \$24.69 for a **total value of \$1,234.50**

Initiative V: Priority Working Group 3: Family Financial Management. Total 7 Participants

- Provided Medicare and Food Subsidy education and application assistance: 7 participants: 1BF; 5WF
 - 4 QMB Subsidy –dollar value \$9,600
 - 2 Extra Help Subsidy – dollar value \$3,600
 - 1 Food Stamps \$2,500 year
 - **Total Savings to Nassau County Residents \$15,700**
 - Collaborated with special needs home school group leader to provide financial literacy educational classes to youth
 - Met with Conviva Program Director to provide Financial Literacy Classes for seniors

Initiative V: Priority Working Group 1: Food Safety and Nutrition. Total 502 Participants

McAlpine Total 52 Participants, Cox Total 450 Participants

- Taught Pak's Afterschool Garden and Nutrition Program (Transplanting): 24 participants: 13WM, 1HM, 9WF, 1AF
- Taught Pak's Afterschool Garden and Nutrition Program (Vegetable Propagation): 24 participants: 13WM, 1HM, 9WF, 1AF
- Worked in Park's Afterschool Garden
- Provided Guidance for UF/IFAS Cancer / Health Insurance Project: 4 participants: 2AM, 1WF, 1BF

- 4 hours of teaching at \$50 per hour for a **total savings of \$200**
- FNP Program Assistant – Denis Cox – 450 Participants
 - Taught Nutrition Education to youth at Yulee Primary and Callahan Elementary School: 450 participants: 221WM, 3BM, 1HM, 219WF, 2BF, 4HF
- \$2,000 a month in grant dollars fund the FNP Program

Other County and University Events total: 4

- Submitted monthly FCS Report to CED
- Attended Overall Advisory Committee Meeting
- Conducted FCS Advisory Committee Meeting: 5 participants: 4WF, 1HF
- Provided mentoring to new FCS agent
- Worked on annual ROA/POW

Irvine:

Initiative 7, Focus 1: Organizational Strategies and Learning Environments to Support Youth Development – Total: 38 participants; volunteers – zero

- Co-led Nassau County 4-H Association Meeting, Total: 7 participants. 2M, 5F, 7W.
- Co-led Extension Overall Advisory Meeting, Total: 10 participants. 4M, 6F, 10W.
- Keynote speaker at Florida Farm Bureau Farm City Event, Total: 13 participants. 8M, 5F, 13W.
- Youth Emergency Team after action meeting (x2), Total: 8 participants. 1M, 7F, 8W.
- Presented at the International Association of Emergency Managers Conference

Initiative 7, Focus 2: Volunteer Recruitment, Development, Management, and Retention. Total: 9 participants; volunteers – zero

- Reviewed Observational Evaluation training, 2WF.
- Evaluated Youth Emergency Team Major Mentor leadership gains, Total: 7 participants. 1M, 6F, 7W.

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 216 participants; agent - 216; volunteer –none

- Co-Taught County Council, Total: 9 participants. 5M, 4F, 9W.
- Co-Taught Hippology, Total: 19 participants. 4M, 15F, 18W, 1B.
- Co-Taught Youth Emergency Team, Mental Health, Total: 19 participants. 6M, 13F, 19W.
- Co-Taught Youth Emergency Team, Final Exam, Total: 19 participants. 7M, 12F, 19W.
- Co-Taught Youth Emergency Team, Review, Total: 16 participants. 6M, 10F, 16W.
- Co-facilitated County Tropicana Speaking Contest, Total: 79 participants. 30M, 49F, 71W, 8B.
- Co-led Youth Emergency Team Graduation, Total: 55 participants. 23M, 32F, 55W.

Volunteers, Total – 128 participants

- Taught Various Subjects at Community Club Meetings, Total: 128 participants. 54M, 74F, 116W, 2A, 8B, 2H

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 42 hours valued at \$979.86.**
- 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 this 4-H UF/IFAS Extension Faculty is \$850 (17 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 October is \$75 (1 hours).**

Therefore, the total ROI for the month of November is \$1,905.

Other Events:

- Abstract selected for the American Youth Horse Council Conference
- Participated in monthly staff meeting
- Completed ROA/POW

Dacey:**State Initiative 3: Enhancing and conserving Florida's natural resources and environmental quality****Total: 99 agent taught participants; volunteer: 20 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 21 email/phone consultations, valued at \$75 per consult, **total savings to residents \$1,575**
- Provided 3 diagnostic office visits valued at \$75 per consult, **total savings to residents \$225**
- Provided 2 site visits valued at \$200/hr per consult, **total savings to residents \$800**
- Taught "Hike with a Naturalist," at Bogey Creek, **total participants: 10, 5WF, 5WM**
- Taught "Hike with a Naturalist" at Down to Earth Farms, **total participants: 15**
- Organized and managed NE Florida Master Naturalists officer meeting, **total: 9 participants, 1HM, 3WM, 3WF**
 - Each officer contributed approximately 20 hours of time (6 hours for meeting, event planning and coordinating (8)). Total volunteer hours provided during the month were 180 x \$24.69/hr, **total savings \$4,444.20**

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

- One youth collected & analyzed water samples for microplastics citizen science project, 30 hours x \$24.69/hr, **total savings \$740.70**
- **Return of Investment: Dacey Teaching – 4 hours x \$50/hour = \$200; Total Volunteer Hours: 267 x \$24.69 = \$6,592 = total 6,792**

Total ROI: \$9,392 for Initiative 3**State Initiative 1: Increasing the sustainability, profitability, and competitiveness of agricultural & horticultural enterprises. Total: 14 agent taught participants; volunteer: 0 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 20 diagnostic email/phone calls valued at \$75 per consult, **total savings to residents \$1,500**
 - Provided 7 diagnostic office visits valued at \$75 per consult, **total savings to residents \$525**
 - Conducted 8 pH soil tests at the local office from this agent and Office Administrator I, which saved county residents \$24. Each client also received an email/phone call with analysis and best management practices (BMP) for optimal plant growth and production. A reasonable cost for a personal consultation in the private sector would be \$25 per person for a savings of \$200; **total savings to residents \$224**

State Initiative 7; Focus 1: 4-H Youth Development Agriculture – total 16 youth; volunteers 0**Total ROI: \$2,249 for Initiative 1****The total ROI for this agent and volunteers in November for all program areas was \$11,641**

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

Other Events:

- Created content for Goffinsville Educational Signs with IFAS Communications
- Attended Florida Cracker Sheep Association Meeting
- Attended Extension Overall Advisory Meeting
- Attended Staff Meeting
- Worked on ROA/POW
- Prepped plot at office for Cool-Season Forages

Karsch:

Initiative 7, Focus 1: Implementation of Organizational Strategies for Program Support

– Total: participants; volunteers – zero

- Attended staff meeting (x2).
- Participated in the 4-H District VI Council meeting.
- Participated in County Council meeting.
- Participated in the Council Advisory committee meeting.
- Attended the YET-ie award ceremony.

Initiative 7, Focus 2: Volunteer Recruitment and Management Development, Management, and Retention --

Total: participants; volunteers – zero

Initiative 7, Focus 3: 4-H Subject Matter & Preparing Youth to be Responsible Citizens and Productive Members of the Workforce. Total: 40 participants; agent - 26; volunteer – 14

- Taught the YLN students for Government Day. Total: 26 participants. 18F, 8M, 20W, 3H, 3B
- Co-led the Tropicana Speech Contest. Total: 27 participants. 17F, 10M, 19W, 4H, 4B

Volunteers, Total – participants

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 24 hours valued at \$559.20.**
- 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 \$50 (1 hour)**
- 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 \$759.20

Other Events:

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

Jordi: Total Readership of publications: 129,000 (excluding PSA and UF blogs)

- Garden Talk – News Leader (4X), AmeliasIslandLiving.com; Total: 69,000
- Jordi & MGs at County Fair – Nassau County Record Total: 4,000
- “Harvest Gold” Series published in Nassau County Record (2X) Total: 8,000
- LM Butterfly class photos – News Leader, Westside Journal Total: 22,000
- “Spotlight on Nassau Gardens – News Leader, Westside Journal, Nassau County Record Total: 26,000
- UF Blogs 137; Social Media (Facebook 615; Pinterest 5,090; UF PR blogs 18,499)

Total PSA published: 3,519,182

McAlpine: Total Readership of publications: zero (excluding PSA and UF blogs)

- Wrote Fact Sheet “Transplanting”: Total 24
- Wrote Fact Sheet “Vegetable Propagation”: Total 24
- Revised Medicare Fact Sheet for 2020: Total 60

- Edited Power Point for Cancer Health Insurance YouTube Video (50 slides): Total 1

Total PSA published: 40,000

Irvine: Number of Publications, original or adapted educational materials prepared: Total: 26,599

- Published "4-H'er of the Month: Kaitlyn Malott" for the UF/IFAS blog, **Total: 111**
- Published Friday Flyer x2, **Total: 488**
- Published "4-H'er of the Month: Kaitlyn Malott" for Westside Journal (10,000), FB Newsleader (12,000), and Nassau County Record (4,000), **Total: 26,000**

Dacey: Total Readership of publications: zero (excluding PSA and UF blogs)

- Created "Bogey Creek Nature Trail" – guide/script 8 pg
- Created "Parts of a Horseshoe Crab" activity for Right Whale Festival
- Created "Wildlife of Northeast Florida" exhibit for Right Whale Festival
- **Created "Monitoring Living Shorelines – protocol"**
- Facebook page (7 posts x 610 followers = 4,270) **Total: 4,270**

Karsch:

- Published "4-H Day at the Capitol on January 30th, 2020" for the UF/IFAS blog, **Total:**
- Published "Tropicana Speech Contest" for the UF/IFAS blog, **Total:**
- Published "Meet Your New 4-H Agent" for Fernandina Beach Newsleader, Total: 10,000, Westside Journal, Total: 12,000, **Total: 22,000**

Total PSA 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	Readership of publications	UF/Blogs/Social Media
Jordi	5	302	2/18	16	24	0	129,000	137/24,204
McAlpine	35	572	4/23	96	0	0	109	0
Irvine	15	391	0/67	30	4	1	26,488	111/10,519
Dacey	12	113	0/25	16	10	2	0	0/4,270
Karsch	15	263	0/67	39	4	1	26,488	111/10,519
Total:	82	1,641	6/200	197	42	4	155,697	359/49,512
*ROI								\$63,116

***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 None
January 31 – Shade Gardening Presentation – Clay County Extension

McAlpine

December 6 UF/IFAS Gainesville – IFAS Communications
 10 Alachua County Extension Office: FCS Northeast District Meeting
January none

Irvine

December none
January 15 Youth Development Institute, Gainesville
 30 4-H Day at the Capitol, Tallahassee

Dacey

January 7-11 FMNP Train the Trainer, Summerland Key, FL

Karsch

December 6-9 Leadership Adventure Weekend, Niceville