



FOSTERING A CULTURE OF INNOVATION

Seed Fund Grant Programs

Dr. Jackie Burns, Dean for Research and Director, FAES

Dr. Sherry Larkin, Associate Dean

Competitive Seed Funding Programs

(1) Early Career Scientist

- Obj: jumpstart program and improve submissions
- Financed by IFAS (FAES & Sr. VP) and VP Research
- 15 awards @ \$50,000 each

(2) Climate Change

- Obj: jumpstart leadership, new teams, generate information for Florida and improve submissions
- Financed by IFAS (FAES & Sr. VP)
- 7 awards @ \$150,000 each

Justification for Climate Change Program



Why?

*“IFAS should be one of the leaders in our state in addressing climate change...There is a need for projects and programs that address **monitoring and predicting** all aspects of climate change, as well as projects, **programs and systems to adapt to, mitigate** the effects of, and where possible **prevent damage** to the **environment, agriculture, and human systems** by climate change.”*

Response by Focus Area (LOI)

Focus Area	N	Budget
Agricultural Systems	19	\$2,596,262
Riparian, Estuary & Wetland Systems	2	\$ 250,000
Coastal & Marine Systems	11	\$1,350,000
Terrestrial Systems	6	\$ 618,000
Urban Systems	2	\$ 205,000
Human Systems & Health	7	\$ 774,000
Adaptation & Mitigation	10	\$1,075,000
TOTAL REQUESTS	56	\$6,868,262

Funded proposals

Number: 10 @ \$1,258,562

Scope:

- Production ag (mitigating methane in cattle, heat stress in dairy and rice, market value of forest products, genomics to improve crop breeding)
- Natural resources (pine forest health, seagrasses, biodiversity)
- Human systems (sea level rise modeling, strategies to pay for damage, science cafes for public engagement)

Administrative Lessons Learned

- Gauging response (LOI process)
- Review panel
- Prioritizing new vs. existing teams
- Recognize faculty need for feedback
- Start up time
- How finalize? (symposium, report, poster, etc.)