

# iDigBio Education & Outreach (E&O)

Bruce J. MacFadden

Co-PI & Director of Education and Outreach

Curator of Vertebrate Paleontology

Florida Museum of Natural History

Summit IV

# iDigBio E&O General objectives

- Develop diverse activities to broaden the impact of iDigBio to downstream users.
- Coordinate and encourage activities among TCNs and other stakeholders.
- These objectives are accomplished by:
  - Working groups
  - Workshops
  - Related activities (e.g., public engagement)
  - iDigBio and “spin-off” projects

Overarching strategic goal:

Downstream users and the general public better understand the value (to society) of digitized collections in the 21<sup>st</sup> century.

# Target audiences

- In-reach (digitization community)
  - Workshops (discussed elsewhere)
  - Webinars
  - TCN activities
- Outreach (downstream users)--Target audiences
  - Formal education
    - University
    - K12
  - Informal education
    - Museums, science centers, etc.
    - Citizen science, volunteerism
  - Broadening representation and underserved
  - Others (e.g., policy makers)

# University activities



Undergraduate BOT Research Methods

# UF Graduate seminars

## Digitization, Broader Impacts



# Girls' Spring Break "Camp"



# Public festivals—Earth Day 2014



# UF *Explore* Research

- UF's Magazine for alumni; circulation >30,000
- iDigBio featured in issue on Big Data initiatives at UF
- Explore Research kiosk





# Public participation—Austin Mast



# Broadening representation

## *iDigBio* Visiting Scholars program--Early career professional development



2012,  
Anna Monfils,  
Central MI Univ



2013  
Corey Toler—Franklin,  
UC-Davis

Unintended outcomes: Anna and Corey

# Careers workshops—Gil Nelson

- Audience: underserved and under-represented in biodiversity collections fields
- Meetings so far
  - Orlando (February)
  - FLMNH (June)
  - Chicago (Sept)
  - others



Other stakeholders:  
Learning research collaborations-UF College of Education



Kent Crippen  
STEM Ed



Pasha Antoneko  
Ed Tech

# Upcoming opportunities

- 3D scanning and printing Workshop in June 2015 will bring together professionals, K12 teachers, and fossil club members.



- Other iDigBio workshops with E&O focus (check website).

# Evaluation

Shari Ellis, UF's Center for Science Learning



Systematically tracks activities, outputs, impacts, and ultimately outcomes of a broad range of iDigBio activities, including E&O.

# Wrap-up: Final thoughts

- Many members of the iDigBio team are involved in E&O activities in different ways.
- Currently recruiting an E&O coordinator.
- Also E&O e-poster and breakout session in program for further details.