

Education and Outreach (E&O)

Bruce J. MacFadden
Director of iDigBio E&O
Curator, FLMNH
University of Florida










Background of iDigBio E&O, developed to:

- Serve the ADBC community
- Engage other stakeholders (“downstream users”) interested in digitization of natural history collections
- Address and promote Broader Impact objectives

E&O Target Audiences & Stakeholders

- “In-reach”--Professional community—collection and digitation professionals
- “Outreach”-downstream users, anyone interested in using digitized data in iDigBio cloud; many potential audiences

Who we are—iDigBio E&O

- Me, Director (as Co-PI) 
- Molly Phillips, Coordinator of E&O 
- Gil Nelson & Deb Paul, Workshops 
- Austin Mast & Libby Ellwood, Citizen Science
- Betty Dunckel, Informal Ed 
- E&O Working Group—you too 
- Others, students, etc.

Activities: In-reach—Professional development

- More than 60 workshops so far
- Plan about 10 per year during Phase 2
- Upcoming workshops:
 - Digitization: fluid preserved vertebrates, vertebrate digitization 2, biodiversity imaging expo
 - Research: global change, phenology, ICE symposium... and more
- All members of TCNs and other stakeholders are eligible to participate

Inreach--Broader Impacts graduate seminar Fall 2016, (cyberneabled)



The screenshot displays an Adobe Connect meeting interface. The main window shows a video conference of several people seated around a table in a room labeled "iDigBio Conf. Room". Below the main video are four smaller video thumbnails for participants named "jess", "Katie (USC Engineer...)", and "Gary Bloom".

On the right side, the "Attendees" panel lists participants: Cheryl Mcla..., iDigBio Conf..., iDigBio Conf..., and Sean. The "Engagement Dashboard" shows a "Meeting Engagement" gauge at 69%, with an "Average: 82%" and an "Attendee Count" of 0012.

The "Chat (Everyone)" panel contains the following messages:

- Room Video Display: yes we had to restart adobe connect again
- Elizabeth Rosemary Tineo: Hello
- Room Video Display: it should be back on now

The "Discussion Notes" panel includes links to iDigBio web conferencing help and a troubleshooting page for Adobe Connect.

Broader Impacts seminar 2015

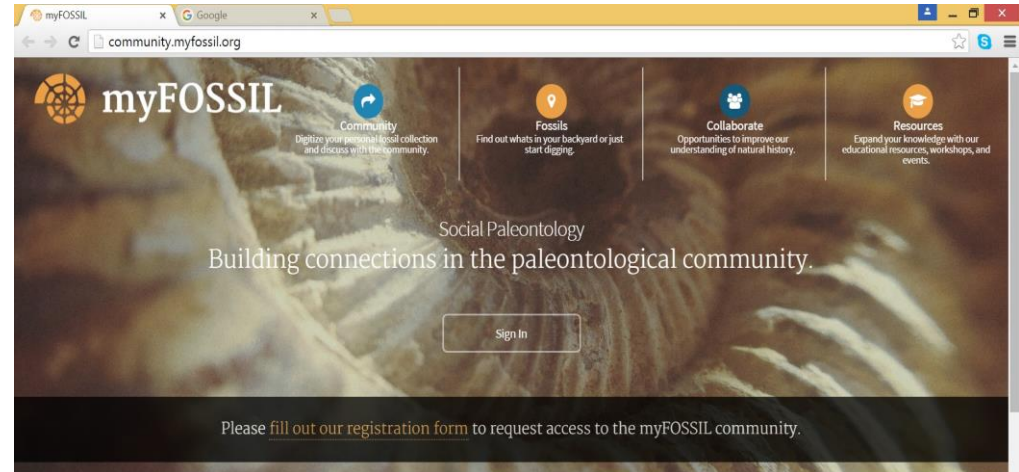
Outreach—E&O Working Group

- Coordination of E&O activities across ADBC stakeholders (primarily TCNs)
- Identification of common E&O themes
- Synergy with other NSF funded initiatives
- Upcoming for 2016
 - Breakout group at summit
 - WeDig Bio, year 2
 - Workshops with some E&O components

Informal education



Butterfly Fest 2015



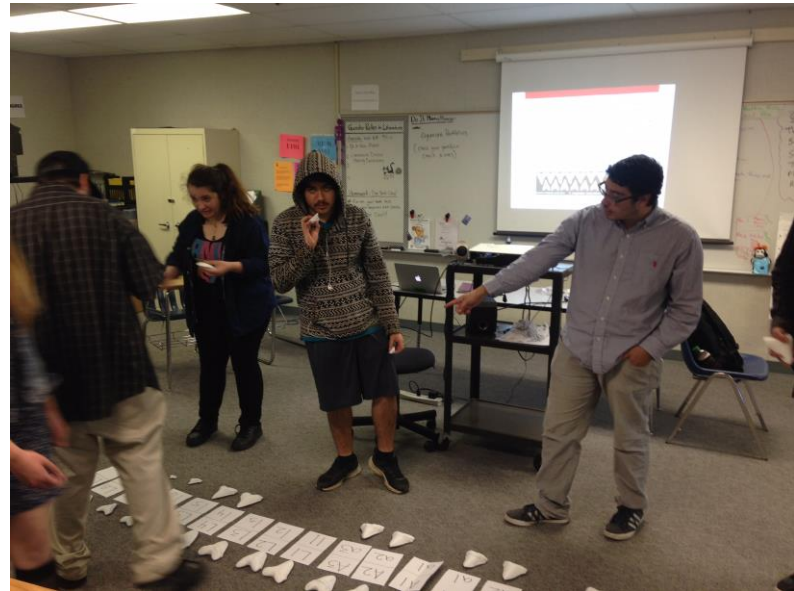
We're building a community of
amateur and professional paleontologists.

With your help, “we” need to have a national presence in ISE

Formal K-12 education



Digitized fossil field guide
Miocene of Panama



3D-printed fossil shark teeth
Delta Charter School, Santa Cruz CA

Broadening representation—moving forward

- 3 workshops during Phase 1 intended to engage underserved college students



Evaluation, Dr. Shari Ellis



- Conducts needs assessments and summative surveys.
- Systematically tracks activities, outputs, impacts, and ultimately outcomes of a broad range of iDigBio activities, including E&O.
- NSF reporting of evaluation activities

Connections and resources

- iDigBio newsletter
- iDigBio web site (www.idigbio.org)
- Facebook (facebook.com/iDigBio)
- Twitter (twitter.com/iDigBio)
- For more information
 - Molly Phillips, Coordinator of Education

mphillips@flmnh.ufl.edu

