




OOI Education Activities

Websites and Workshops

November, 2019

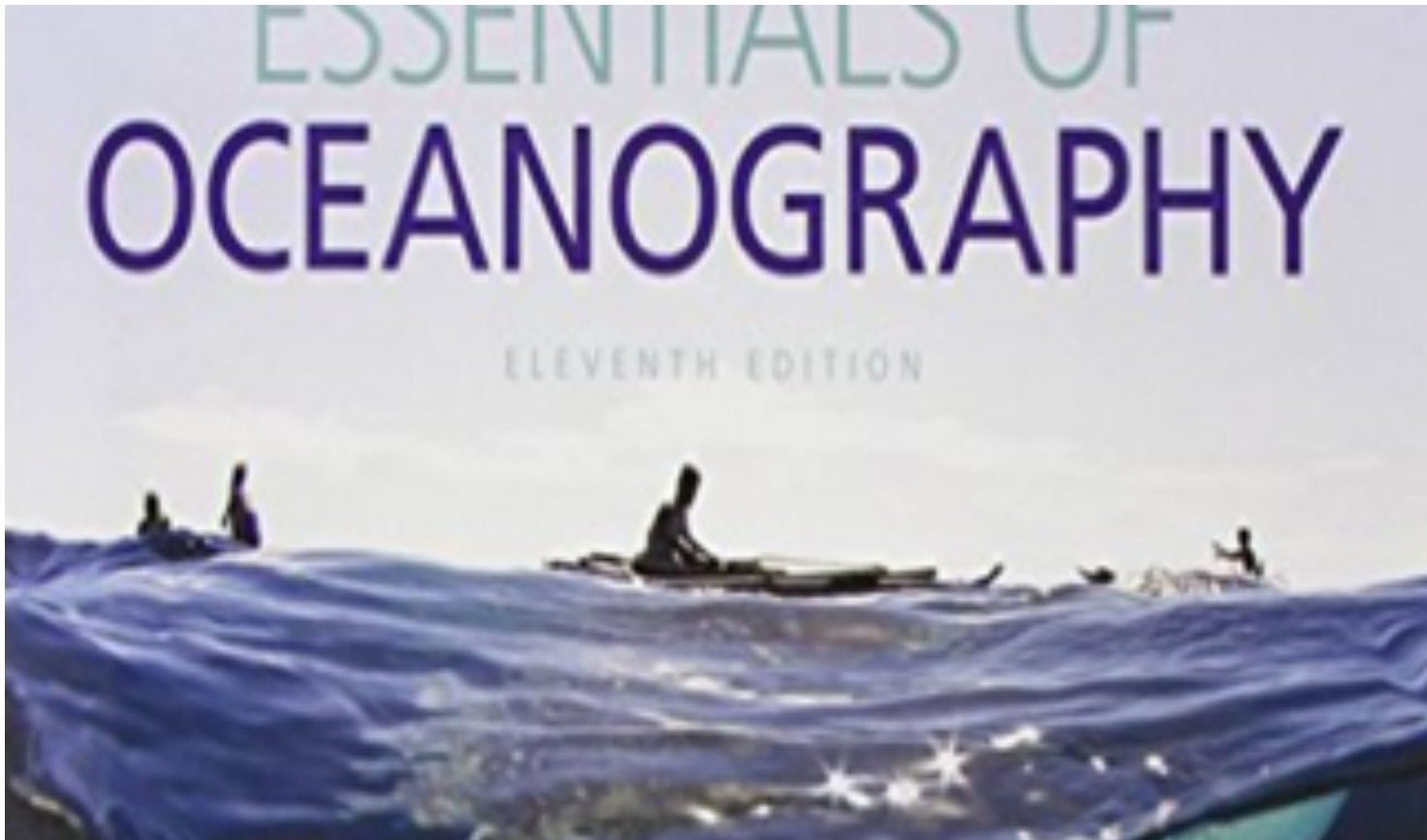
Lisa Rom, NSF/OCE

The logo consists of a dark gray circle with a white border, containing the text "OOI 1.0 Education Team" in white. It is positioned on the left side of the slide, overlapping a vertical gray bar.

OOI 1.0
Education
Team

Janice McDonnell	Rutgers University	Project Manager
Kristin Hunter-Thomson	Rutgers University	Data Activity Development
Sage Lichtenwalner	Rutgers University	Data Widget & Website Development
Annette deCharon	University of Maine	Concept Mapping
Catherine Halversen	Lawrence Hall of Science, University of California, Berkeley	Pedagogy

- WEBSITE - <https://oceanobservatories.org/>



- Developed Initial Education Portal for OOI Website
- Developed Data Explorations for Undergraduate audience
- Cross-walked OOI Data Examples to Oceanography Textbook by A. Trujillo

Website Development/Crosswalk
to Textbook

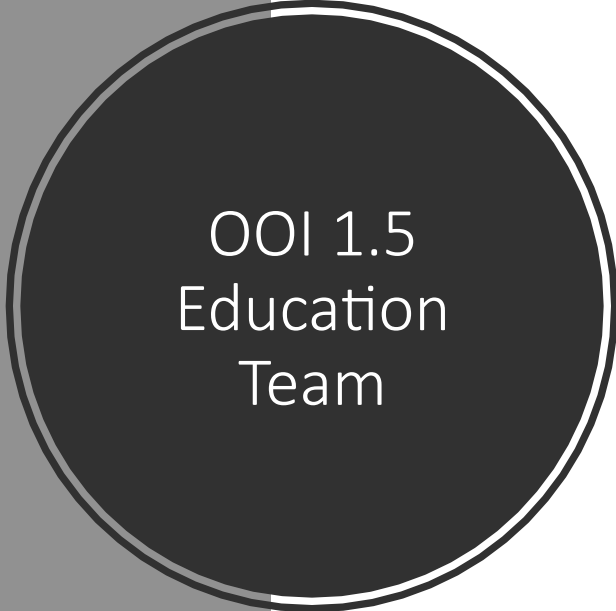


OOI Teaching with Data Workshops (2016-2017)

- Exploring Primary Production with OOI Data - May 20-22, 2016
- Exploring Ocean Chemistry with OOI Data - May 19-21, 2017
- Exploring Geology in the Ocean with OOI Data - June 2-4, 2017

Early Career Workshops (2018)

Physics	Ocean circulation, mixing, and ocean-atmosphere exchange	May 21-25
Biology	Ecosystem dynamics and biophysical interactions	June 18-22
Geology	Rock-fluid interactions and plate-scale geodynamics	July 16-20
Chemistry	Ocean biochemistry and the carbon cycle	July 30 to August 3

A large black circle with a white border, containing the text 'OOI 1.5 Education Team'. It is positioned on the left side of the slide, overlapping a vertical grey bar.

OOI 1.5
Education
Team

Janice McDonnell,
Sage Lichtenwalner
and Christine Bean
Rutgers University

Catherine Halversen,
University of California
Berkeley Lawrence
Hall of Science

Dr. Dax Soule, Queens
College

Anna Pfeiffer-Herbert,
Stockton University

Dr. Brooke Love,
Western Washington
University

Dr. Denise Bristol,
Hillsborough
Community College

Drs. Ellen Iverson &
Ellen Altermatt,
Carleton College
(Evaluators)

OOI Ocean Data Labs Workshops (2019)

- NJ: Chauncey Center, Princeton March 8-13
- NJ: Rutgers University Inn, New Brunswick June 1-6
- CA: Asilomar Conference Center, Pacific Grove July 22-26
- WA: Western Washington University, Bellingham August

Mini-Workshop @ the Earth Educators' Rendezvous July 16-17

WEBSITE: <https://datalab.marine.rutgers.edu/>



Building an Ocean Data Lab

A workbook for the
OOI Ocean Data Labs Workshop
March 8-13, 2019, Princeton, NJ
Hosted by Rutgers University

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Other OOI 1.5 Education Activities

Summary Workshop for
Education (COL) - April
26-28, 2019.

Oceanhackweek 2019:

Wu-Jung Lee, Amanda T Lehr,
Valentina Staneva, Univ. of
Washington

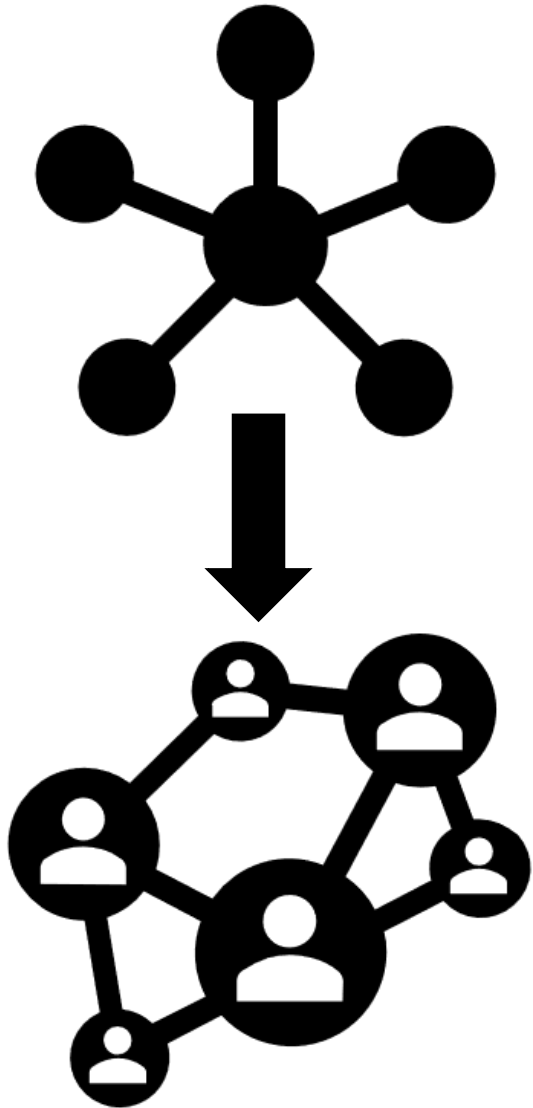
Many other activities
are ongoing with other
sources of funding

Two Sessions at
OCEANS 2020 in San
Diego: 50% of abstracts
are OOI-related

ED24D - Teaching with Data: Engaging
Students in Learning Ocean Sciences
Through Large Data Sets II Posters -
[Cheryl Lee Greengrove](#), University of
Washington Tacoma Campus

Sixteen new Data
Explorations are under
development & mini-
grant program

ED21A-07 - OOI Data Labs Workshops:
Equipping professors with the tools to
tap into a fire hose of ocean data for
undergraduate education -
[Anna Pfeiffer-Herbert](#) Stockton
University



What is next for OOI Education 2.0?

- OOI data access is no longer centralized
- Many more people are involved - using data *and* developing educational tools and products
- Goal: How best to support distributed efforts for educational development and use of OOI Data?