

“The [inquiry process] is the balance between structure and creativity that I can frame in my teaching practice.”

– 2009 Summer Teaching Institute participant

Funded in part by the Sigrid See Excellence Fund for the Art Museum Teaching Institute



# TRANSFORMING LEARNING

2017 SUMMER TEACHING INSTITUTE  
Investigating Art and Science

JUNE 21 - 23, 2017 | Plus Distance Learning

#### FOR MORE INFORMATION:

Contact Katie Christensen, Curator of Education & Statewide Engagement, [katie.christensen@uwyo.edu](mailto:katie.christensen@uwyo.edu) or 307.766.3496.

#### TO REGISTER:

Register online:

<https://tinyurl.com/sti2017-registration>



SCAN Registration



Pictured: Participants from the 2015 Summer Teaching Institute.

### GENERAL INFO:

Dates: June 21-23, 2017 | Plus Distance Learning  
Location: University of Wyoming, Laramie, WY  
Credit available: 3 credits of PTSB certification or  
UW Continuing Education credit (UW credit for an  
additional fee of \$150)

### WHO CAN BENEFIT FROM THIS INSTITUTE?

- K-12 teachers: arts education specialists, general elementary classroom teachers, science teachers at the secondary level, special education teachers
- Community educators: Boys and Girls clubs, Parks and Recreation programs, senior centers, museums, libraries, and more

### JOIN US AS WE EXPLORE TWO MAJOR THEMES:

- Intersections of art and science in all classrooms-- methods, applications and adaptations for all ages
- Using biodiversity to build school and community partnerships for stronger arts and science education.

### REGISTRATION:

- \$100 per person
- Early bird/ Scholarship application deadline is June 5
- Registration Deadline June 5

Lunch and snacks are included daily. Participants are responsible for their own breakfast and evening meals, room, and travel costs.



Participant from the 2013 Summer Teaching Institute.



Dr. Catherine Wagner researching African Cichlid fishes.

### DESCRIPTION:

Current trends in education include a focus on STEAM, or Science, Technology, Engineering, Art and Math. The 2017 *Summer Teaching Institute* provides educators with hands-on experience and insight into current research happening in art and science, as well as research-based methods for integrating these disciplines. All levels of science and art educators will enjoy many modes of exploration, interaction with UW science and art faculty, and time to create curriculum connections for your classroom.

The 2017 *Summer Teaching Institute* will examine the intersections of art and science and feature artwork from the University of Wyoming Art Museum's permanent collection, as well as time in the UW Berry Biodiversity Conservation Center exploring the lab and research of evolutionary biologist, Dr. Catherine Wagner, whose research focuses on African Cichlid fishes. There, Dr. Brian Barber, will also lead hands-on activities that explore basic concepts in evolutionary thinking. You will also work with two studio artists: Bethann Garramon Merkle of the Wyoming Migration Initiative, and sculptor/installation artist Adrienne Vetter. These artists will guide you in field journaling and drawing techniques, casting and mold-

making methods, and facilitate discussions about how to utilize these methods in art and science classrooms. Additional instruction will be provided by Art Museum and Biodiversity Institute, both during the in-person and in the distance-learning units.

*“The Summer Institute was a week of learning, exploration and discovery. I valued the interpersonal connections that I made and truly treasure the time spent with my peers... The dedicated staff was extremely generous with their time and materials.”*

**– 2014 Summer Teaching Institute participant**

All instructors will use standards based practices, object learning and inquiry topics to enable you to tie biodiversity and art back to your classroom or informal learning environment.

Studio time is required every afternoon and evening and provide opportunity to explore new materials and ideas inspired by the original artwork, science, objects, and readings you will encounter during the week. Whether you are new to the studio or lab, or are an accomplished artist or scientist, this 3-day professional development workshop establishes a foundation of skills and deepening creative experiences you can continue with both in and out of your classroom.

An additional 15 hours of distance learning will secure 3 hours of PTSB or UW Continuing Education credits. For this distance learning unit, the ZOOM application will be used (it is a simple app that is free to download.)