# Workshop Agenda – Tuesday, May 22nd

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| 9:00 am | Continental Breakfast |
| 9:30 am | **Welcome**  **Introductions** – Gear #4  **Overview of Workshop Goals** |
| 10:30 am | **Deconstruct Your Science Using Concept Mapping** – Gear #1  *Learn and apply Concept Mapping skills to help you show the relation and context of your science to others and promote open-ended discussions in your professional presentations.* |
| 11:30 pm | **Creating Your Science Story** – Gear #1  *Learn effective practices of storytelling to help you unpack difficult concepts and repack them for use in your writing, presentations, and outreach efforts.* |
| 12:00 pm | Catered Lunch |
| 12:45 pm | **Telling Your Science Story** – Gear #3  *Work to improve your personal Storytelling skills by drafting a short story based on your research.* |
| 2:00 pm | **Understand How People Learn & Build Effective Communication** – Gears #2 & 3  *Explore what educational research says about how people learn and what this can that tell us about effective ways to teach and communicate with the public.* |
| 3:30 pm | Break (snacks and soft drinks provided) |
| 3:45 pm | **COSEE NOW Virtual Tools** – Gear #4  *Learn about a new set of tools that COSEE Networked Ocean World (COSEE NOW) has created to help scientists construct and implement broader impact statements required in research proposals.* |
| 4:15 pm | **Building a Professional Social Network** – Gear #4  *Learn how the impact of sharing your science with others is dependent on your social capital, your ability to be perceived as a trusted resource among your social and professional networks.* |
| 4:30 pm | **Evaluation of Workshop** |
| 4:45 pm | **Reflection and Next Steps**  *Reflect on what you have learned thus far in this workshop and how you will apply the gears throughout your career.* |
| 5:00 pm | Reception (optional) – Hosted by COSEE NOW and Dr. Jim Yoder, WHOI |

# COSEE Professional Development Series

*Gear descriptions by section*

**Gear #1: Deconstruct Your Science**

When translating scientific research, it helps to break down your message into its key components. This gear focuses on two methods for deconstructing your message including Concept Mapping and Storytelling.

**Gear #2: Understand How People Learn**

What does educational research say about how people learn and what can this tell us about effective ways to teach our students and communicate with the public? This gear focuses on sharing some information about how people learn, and sets the stage for incorporating effective strategies for learning into your practice as you share science with various and diverse audiences.

**Gear #3: Build Effective Communication Techniques**

Learners build an understanding of the world around them through their experiences, motivation, and social interactions. This gear includes information about how you can apply concepts, and effective practices and strategies gleaned from the learning sciences, into your education and outreach efforts.

**Gear #4: Broaden the Reach of Your Science**

The ability to share your scientific message with those outside your research group is critical for career advancement. With funding trends moving towards large collaborative research programs, it is more important than ever that scientists collaborate not only within their discipline, but also across and beyond scientific disciplines. The focus of this gear is on networking and collaboration techniques that will help you develop and disseminate your message to potential collaborators and the general public.

# Contact Information

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