

OLLI at DU Central Syllabus –Fall 2024

Science at the Denver Museum of Nature & Science - Guest Speakers Series - Subject Area STEM

Thursday Mornings Online; 4 weeks

Instructor: Jon Young

1. **SUMMARIZE YOUR COURSE**

The class format is guest lecturers with discussion. Members should expect that, through the presented material and their Q&A discussions with four of the people leading the science that the DMNS does.

- Science: What exactly is the Science Division mission and role at the DMNS
- Science Being Done: What these DMNS science leaders are doing.
- Results: The results of their work, what it impacts and where.

2. **BRIEF COURSE OUTLINE ORGANIZED BY CLASS SESSION:**

Over 4 weeks, each of the following topics will be presented by a different subject matter expert, including a scientist, curator, conservator and the museum's fossil preparation and field expeditions expert. Members are encouraged to then use Q&A time to explore the topic with the speaker. While the weeks for each topic have not yet been scheduled, members can expect each of the following topics to be covered:

- The Human Microbiome: Its Role in Health and Emerging Research Techniques
- A Tale of Two Birds and Two Continents: Deep Time Perspectives on Biodiversity from the Late Cretaceous of the Southern Hemisphere
- Digging Up Dinosaurs
- ART SCIENCE + BACKSTAGE AT MUSEUMS: Analytic Technologies & Preserving Art