

**U.S. Advisory Committee for
Scientific Ocean Drilling (USAC)**

Agenda

August 9-13, 2021

Somewhere in Cyberspace

Monday, August 9, Noon Eastern

I. Module 1 (up to 4.5 hours, including questions): Welcome, Introductions, Community Reports, plus two Schlanger Fellowship Presentations

- A. Welcome, introductions, logistics (10 minutes; Torres, USSSP)
- B. Approval of agenda, review of meeting goals and action items (20 minutes; Torres)
- C. Report from NSF (20 minutes; Allan)
- D. Report from Science Evaluation Panel (20 minutes; Christeson)
- E. Report from JRSO (20 minutes; Malone)

F. Schlanger Fellowship Presentation 1: “What Drives the Indian Summer Monsoon? New Perspectives from the Bay of Bengal” (20 minutes + 10 minutes for questions; Sarah McGrath, Brown U.)

G. Report from JRFB (20 minutes; Neal)

H. History of Engineering Requirements Working Group (5 minutes; Brenner)

Tuesday, August 10, Noon Eastern

II. Module 2: (~4 hours) Schlanger Fellowship Presentations and USSSP Reports

A. Schlanger Fellowship Presentation 2: “Fire and Famine: Controls on Microbial Activity in the Deep Hydrothermal Subsurface of the Guaymas

Basin” (20 minutes + 10 minutes for questions; Nicolette Meyer, Stanford U.)

- B. Schlanger Fellowship Presentation 3: *“The integration of astrochronology and constrained optimization (CONOP) to resolve the history of the Southern Ocean during the Neogene”* (20 minutes + 10 minutes for questions; Nick Sullivan, U of Wisconsin-Madison)
- C. USSSP overview, budget, shipboard staffing (30 minutes; Brenner)
- D. USSSP science report (30 minutes; Slagle)
- E. Schlanger Fellowship Presentation 4: *“Quantifying magnetofossil assemblages: Implications for paleoecology, diagenesis, and past, present, and future global change”* (20 minutes + 10 minutes for questions; Courtney Wagner, U of Utah)
- F. Schlanger Fellowship Presentation 5: *“Ocean circulation slowdown in the North Atlantic during Marine Isotope Stage 5”* (20 minutes + 10 minutes for questions; Yuxin Zhou, LDEO)
- G. USSSP science communication, including diversity initiatives (40 minutes; Cotterill/Cooper)

Wednesday, August 11, Noon Eastern

III. *Module 3: Breakout Group and other Reports (up to 2.5 hours)*

- A. Science Communication Subcommittee – E&O workshops update, including preliminary diversity report; Onboard Outreach activities; School of Rock plans; longer term initiatives. Includes NSF participation.
- B. Staffing Subcommittee – Report on recently staffed expeditions; discussion of subcommittee expertise needs with regard to incoming USAC members; inclusion of demographics data in information sent to operators.
- C. Workshops, Nominations and PDAs Subcommittee – Reviews of workshop and PDA proposal submissions; targeted workshop calls?

D. Brief Report on Monsoon Series (Peter Clift)

IV. *Module 4: Ocean Discovery Lecturer Selection (up to 1 hour)*

Thursday, August 12, Noon Eastern

V. *Module 5: Updates on Working Group Activities (up to 3 hours)*

- A. Facility Business Plan Working Group (Neal)
- B. Legacy Data Working Group (Dodd/McHugh)
- C. E&O Workshop Steering Committee Report (Haas)
- D. Science Framework Communications Working Group (Wheat/Robinson)

Friday, August 13, Noon Eastern

VI. *Module 6: Review of JRFB, SEP, and USAC volunteers; (up to 2 hours, USAC and USSSP only)*

VII. *Module 7: Other Business, Action & Consensus Items, Next Meetings (up to 2 hours)*

- A. AGU planning
- B. Online Town Hall planning
- C. Other USAC business
- D. Action & consensus items
- E. Next meetings
 - 1) Winter 2022 (Date and location TBD)
 - 2) Summer 2022 (AMNH)