



Chesapeake Bay Program's (CBP)
Scientific and Technical Advisory Committee (STAC)
Quarterly Meeting – March 26-27, 2019

Location: DoubleTree by Hilton Hotel, Annapolis, MD
Meeting Room: Coastal Main and West

Meeting Webpage: http://www.chesapeake.org/stac/meeting.php?activity_id=293

Tuesday, March 26

Webinar Website:

<https://chesapeakeresearch.webex.com/chesapeakeresearch/onstage/g.php?MTID=e1e1e8ff936208ecf04edd78b8a5358c1>

Password: march

Toll-Free Number: 1-877-668-4493

Access Code: 731 375 840

****Exact Times Are Subject to Change****

- 8:30 am** **Coffee & Continental Breakfast (Provided)**
- 9:00 am** **Call to Order, Announcements – *Brian Benham (STAC Chair – VT)***
- Introductions
 - Welcome New Members
 - Ellen Gilinsky (President, Ellen Gilinsky, LLC)
 - Eric Smith (VT)
 - Elliot Kellner (WVU)
 - Announce At-large STAC member reappointment – Zach Easton (VT)
 - Approval Request:
 - December 2018 Quarterly Meeting minutes
 - January 2019 Executive Board call minutes
 - Suggested amendment to STAC Bylaws
 - Member Announcements and Updates
- 9:30 am** **Recap of STAC December Quarterly Meeting – *Lara Fowler (PSU)***
Fowler will highlight important takeaways from the December 2018 meeting.
- 9:40 am** **Bay Journal Science Advisory Board— *Karl Blankenship (Bay Journal)***
The Bay Journal is looking to create a group with expertise in Bay research and applied science who would be available to provide reporters with explanations and insight on scientific claims and help the Journal focus on critical Bay issues.
- 10:00 am** **Chesapeake Bay Program & STAC 101—*Gary Shenk (USGS), Rachel Dixon and Annabelle Harvey (CRC)***
Shenk and STAC staff will present a primer to introduce new STAC members to the Chesapeake Bay Program, including how it's organized, role in management and science, and how STAC fits into the Bay Partnership.
- 11:15 am** **Meet & Greet with the New Chesapeake Bay Program Director—*Dana Aunkst (EPA)***
- 11:45 am** **Lunch (Provided)**
- 12:40 pm** **Chesapeake Research Consortium (CRC) Staffer Presentations**
CRC's Environmental Management Career Development Program provides early career professionals with a stepping stone to a future career in the fields of environmental science, policy and management, and outreach and education. The Staffers will provide updates on team activities within the CBP partnership, as well as their own work and future plans.
- Drew Pizzala, Foster Chesapeake Stewardship GIT Staffer (CRC)

- 1:00 pm** **FY19 Workshop RFP Results—Annabelle Harvey (CRC)**
Results of the initial RFP scoring will be presented to STAC. Only viable proposals that deemed to require additional conversation will be discussed. STAC members identified in each proposal will provide further details as needed. Depending on results of the discussion, additional scoring may be required.
- 2:15 pm** **Break**
- 2:30 pm** **CBP Strategic Science & Research Framework Update—Kristin Saunders (UMCES) and Emily Trentacoste (EPA)**
Saunders and Trentacoste will provide an update on the CBP and STAR’s efforts on the CBP’s ongoing efforts to prioritize science needs. STAC will be asked to provide their perspective on the developing strategic science and research framework and the current emerging critical science needs.
- 3:15 pm** **Proactive Activity - “Achieving Water Quality Goals in the Chesapeake Bay: State of the Science 2025”—Brian Benham (VT), Zach Easton (VT) and Kurt Stephenson (VT)**
Benham, Easton and Stephenson introduce their proposal for STAC to conduct a scientific synthesis to comprehensively identify and evaluate knowledge gaps in the collective understanding of the Chesapeake Bay system response to existing and expected management efforts. In this *State of the Science (SoS)* effort, STAC would play a key role in helping identify and diagnose gaps in scientific understanding and limitations in physical, biological and behavioral system response that will critical to meeting TMDL goals.
- 5:00 pm** **Recess**

Wednesday, March 27

Webinar Website:

<https://chesapeakeresearch.webex.com/chesapeakeresearch/onstage/g.php?MTID=e796a7beb5a9ac3391380399a6535c63a>

Password: march2

Toll-Free Number: 1-877-668-4493

Access Code: 737 656 715

- 8:00 am** **Coffee & Light Breakfast (Provided)**
- 8:30 am** **Workshop Report-Outs**
- AEIOU: Assessing the Environment in Outcome Units (March 2019)—*Lisa Wainger (UMCES) and Gary Shenk (USGS)*
- 8:50 am** **Application of GAMs to Explain Trends in Tidal Water Quality—*Rebecca Murphy (UMCES) and Jennifer Keisman (USGS)***
- Keisman will provide a summary of the Chesapeake Bay Program’s Tidal Trends Team’s quantification of estuarine water quality trends using Generalized Additive Models (GAMs). Since STAC provided their expert panel review of the GAMs Models during the Midpoint Assessment, there have been many ongoing and recent updates and projects, including use by Maryland DNR and Virginia DEQ.
- 9:30 am** **Revisit State of the Science 2025—*Brian Benham (VT), Zach Easton (VT), and Kurt Stephenson (VT)***
- 11:30 am** **Membership Process Review and Update—*Brian Benham (VT) and Rachel Dixon (CRC)***
- 11:50am** **Wrap Up—*Annabelle Harvey (CRC)***
- STAC staff will summarize meeting action items and members will brainstorm topics for the June 2019 quarterly meeting.
- 12:00 pm** **Lunch (Provided)**
- 1:00 pm** **Meeting Adjourns**

Upcoming Meetings and Important Dates:

- STAC Workshop: Microplastics in the Chesapeake Bay Watershed – April 24-25, 2019
- Deadline for proposals: STAC-sponsored Science Synthesis – May 10, 2019
- STAC Workshop: Integrating Science and Developing Approaches to Inform Management for Contaminants of Concern in Agricultural and Urban Settings – May 22-23, 2019
- Next Quarterly Meeting – June 11-12, 2019