

STC DIRECTORS MEETING (VIRTUAL)  
 Hosted by the Center for Cellular Construction  
 Sept 19- 20, 2023

**AGENDA Vs. 16 (9/18/23)**

**Day 1 - September 19th**

8:00 am PST (11am EST)	Welcome	
	Welcome – Debra Singer	
8:15 (11:15 EST)	<b>Class of 2016</b> Wallace Marshall- Center for Cellular Construction ( <a href="#">CCC</a> )	
8:30 (11:30 EST)	Ritchie Patterson- Center for Bright Beams ( <a href="#">CBB</a> )	
8:40 (11:40 EST)	Rebecca Wells, Center for Engineering MechanoBiology ( <a href="#">CEMB</a> )	
8:50 (11:50 EST)	Margaret Murnane - Science and Technology Center on Real-Time Functional Imaging ( <a href="#">STROBE</a> )	
9 - 9:15 PST (12 - 12:15 EST)	Questions for each - challenges ahead, concerns Issues - re: sustainability How to keep education and outreach programs going	Facilitators: Wallace & Debra
9:15 - 9:50 PST (12:15 - 12:50 EST)	BREAK – LUNCH East Coast	
10:00 PST (1pm EST)	<b>Class of 2013</b> Edward Snell, Biology with X-Ray Free Electron Lasers ( <a href="#">BioXFel</a> )	
10:10 PST (1:10 EST)	James DiCarlo, Center for Brains, Minds and Machines: the Science and Technology of Intelligence ( <a href="#">CBMM</a> )	
10:20 PST (1:20 EST)	Robert Westervelt, Center for Integrated Quantum Materials ( <a href="#">CIQM</a> )	
10:30 PST (1:30 EST)	Questions for BioXFel, CBMM, CQIM- challenges ahead Applications from your research? How are you growing a community outside your center?	Moderated by Wallace & Debra

10:45 - 11 PST (1:45 - 2 EST)	Break	
11 - 12 PST (2-3 EST)	Manu Prakash - addressing global scale problems ~ 40 mins + 20 discussion	<a href="https://profiles.stanford.edu/manu-prakash">https://profiles.stanford.edu/manu-prakash</a>
12- 12:30 PST (3 - 3:30 EST)	BREAK – LUNCH West Coast	
12:30 - 1 PST (3:30 - 4 EST)	Robert McGinn Ethics Initiatives at an STC: the CCC Approach	
1 - 1:40 PST (4 - 4:40 EST)	<b>2023 Cohort</b>	
1 PST (4 EST)	Zaida Ann Luthey-Schulten, Center for Quantitative Cell Biology ( <a href="#">QCB</a> )	
1:10 PST (4:10 EST)	Pierre A. Deymier, New Frontiers of Sound ( <a href="#">NewFos</a> )	
1:20 PST (4:20 EST)	Sonya Atalay, Center for Braiding Indigenous Knowledges and Science ( <a href="#">CBIKS</a> )	
1:30 PST (4:30 EST)	Nicholas A. Kotov, Center for Complex Particle Systems ( <a href="#">COMPASS</a> )	
1:40 PST (4:40 EST)	Break -10 min	
1:50 – 2:20 PST (4:50 – 5:20 EST)	Breakouts –  themes  -Ethical and environmental issues -Center management -Education and broadening participation -Knowledge transfer/ partnering w/ industry	

**Day 2 – September 20th**

8am PST (11am EST)		
	<b>Class of 2021</b>	
8:10 (11:10 EST)	Elizabeth Kujawinski, Center for Chemical Currencies of a Microbial Planet ( <a href="#">C-CoMP</a> )	
8:20 (11:20 EST)	Jacob Jones, Science and Technologies for Phosphorus Sustainability Center ( <a href="#">STEPS</a> )	
8:30 (11:30 EST)	Pierre Gentine, Center for Learning the Earth with Artificial Intelligence and Physics ( <a href="#">LEAP</a> )	
8:40 – 9 (11:40 -12 EST)	Questions for C-CoMP, STEPS, LEAP – challenges of this phase Integration of research and broader impacts	Moderated by Wallace & Debra
	<b>Class of 2021 (cont'd)</b>	
9:00 (12 EST)	Edward Brook, Center for OLDest Ice EXploration ( <a href="#">COLDEX</a> )	
9:10 (12:10 EST)	Abe Stroock, Center for Research On Programmable Plant Systems ( <a href="#">CROPPS</a> )	
9:20 (12:20 EST)	Seth Marder, Center for Integration of Modern Optoelectronic Materials on Demand ( <a href="#">IMOD</a> )	
9:30 - 9:45 PST (12:30 - 12:45 EST)	Questions for COLDEX, CROPPS, IMOD	Moderated by Wallace & Debra
9:45 - 10:15 PST (12:45 - 1:15 EST)	BREAK – LUNCH East Coast	
10:15 - 11 PST (1:15 – 2 EST)	Education / Broadening Participation  Brief talks from a few leads re: their approach, focus and challenges.  Lisa Neshyba (5-min (IMOD) Kristen Rahilly (5-min) (COLDEX) Katherine Nielsen (10-min) (CCC) Sarah Schreiner (10-min) (STROBE) Tina Brower Thomas (10-min) (CIQM) Chartanay Bonner (5-min) (STEPS)  What are the most successful educational activities so far? Challenges?	

<p>11 - 11:30 PST (2 - 2:30 EST)</p>	<p>Judith Brown Clarke – Vice President for Equity &amp; Inclusion and Chief Diversity Officer, Stonybrook Univ.</p> <p>Using DEIB as a Tool for a High-Performing Science and Technology Center</p> <p>~ 30 mins -</p>	<p><a href="https://www.stonybrook.edu/com/mcms/pres/governance/brown-clarke-bio.php">https://www.stonybrook.edu/com/mcms/pres/governance/brown-clarke-bio.php</a></p>
<p>11:30 – 12:10 PST (2:30 – 3:10 EST)</p>	<p>Breakout discussions - themes</p> <ol style="list-style-type: none"> <li>1. Creating a diverse, equitable, and inclusive culture in STCs in the face of changing legislation</li> <li>2. Pedagogy in higher education</li> <li>3. Preparing the next generation of scientists and engineers for transitions from secondary schools to higher education</li> </ol>	<p>SEPAL – SFSU – Resources</p> <p>21 teaching strategies that structure learning environments and promote fairness in undergraduate classrooms: <a href="https://www.lifescied.org/doi/pdf/10.1187/cbe.13-06-0115">https://www.lifescied.org/doi/pdf/10.1187/cbe.13-06-0115</a></p> <p><a href="https://www.sfsusepal.org/programs/sepal-scientific-teaching-institute/">https://www.sfsusepal.org/programs/sepal-scientific-teaching-institute/</a></p> <p>Inclusive teaching resources</p>
<p>12:10 - 12:40 PST (3:10 - 3:40 EST)</p>	<p>BREAK – LUNCH West Coast</p>	
<p>12:40 PST (3:40 EST)</p>	<p><b>Return -</b></p>	
<p>12:40 - 1:20 PST (3:40 - 4:20 EST)</p>	<p>Breakouts: ~ 35 mins - then return to full group</p> <ul style="list-style-type: none"> <li>-Directors</li> <li>-Managing Directors</li> <li>-Education leads</li> <li>-Broadening Participation leads</li> <li>-Knowledge Transfer leads</li> </ul>	
<p>1:20 -2pm PST (4:20 - 5pm EST)</p>	<p>Wrap up – topics for future discussion</p>	