SATURDAY, 4 DECEMBER 2021 (Virtual)

10:00 am-12:30 pm  CSSP Executive Board Meeting

12:30-1:00 pm  Attendee Registration - Open House Networking

1:00-1:30 pm  CSSP Meeting Opening and Welcome  
CSSP Board Chair, LISA KEEFE

1:30-2:30 pm  Session One: The Next Health Crisis: Neurodegenerative Diseases  
GREGORY PETSKO, Professor of Neurology, Ann Romney Center for Neurologic Diseases, Harvard Medical School and Brigham & Women’s Hospital  
Moderator: LISA KEEFE, CSSP Board Chair, American Crystallographic Association, Hauptman-Woodward Medical Research Institute

2:30-3:00 pm  Breakout rooms

3:00-3:15 pm  Break (Screen down time)

3:15-4:30 pm  Session Two: Some Reflections on Pandemics and Epidemics - a need for rapid responses through collaboration and a bigger role for private organizations  
ROBERT C. GALLO, MD, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Co-Founder and Director of the Institute of Human Virology at the University of Maryland School of Medicine and Co-Founder and International Science Adviser of the Global Virus Network.  
Moderator: PATRICIA SIMMONS, CSSP Board member, National Science Foundation, National Science Teaching Association

4:30-5:00 pm  Breakout rooms

5:00-5:15 pm  Break (Screen down time)

5:15-6:30 pm  Opening Reception (Virtual Happy Hour)

SUNDAY, 5 DECEMBER 2021 (Virtual)

11:00 am-12:15 pm  Session Three: The International Science Reserve: Mobilizing Scientists from Around the World to Address Complex Global Crises  
JENNIFER COSTLEY, Senior Advisor, New York Academy of Sciences  
JILL FROMEWICK, New York Academy of Sciences  
Moderator: SHARON MOSHER, CSSP Board Member, American Geosciences Institute, University of Texas at Austin
12:15-12:45 pm  Breakout Rooms
12:45-1:15 pm  Break (Screen down time)

1:15-2:15 pm  **Session Four (A): Frontiers of Science**
Plasmid DNA Vaccines

*KATE BRODERICK*, Senior Vice President Research & Development at *Inovio Pharmaceuticals Inc*

Moderator: *JOHN DOWNING*, CSSP Board Member, Association for the Sciences of Limnology and Oceanography, Minnesota Sea Grant

2:15-2:45 pm  Breakout Rooms

2:45-3:45 pm  **Session Four (B): Frontiers of Science**
The Role of Microorganisms and Climate Change on Human Health and Sustainable Agriculture

*BRITT KOSKELLA*, Associate Professor, University of California, Berkeley

Moderator: *DAVID BALTENSPERGER*, Crop Science Society of America, Texas A&M University

3:45-4:15 pm  Breakout rooms
4:15-4:30 pm  Break (Screen down time)

4:30-5:45 pm  **Session Five: Accelerating Scientific Discovery through Philanthropic Support**
A panel discussion including:

*FRANCÉ SÓRDONA*, President, Science Philanthropy Alliance
*HARVEY FINEBERG*, Board Chair, Science Philanthropy Alliance
*SHIRLEY TILGHMAN*, Senior Science Adviser, Science Philanthropy Alliance

Moderator: *JENNIFER TANK*, Society for Freshwater Science, Director of the Notre Dame Environmental Change Initiative

5:45-6:30 pm  Social Sessions in breakout rooms (Informal)

---

**MONDAY, 6 DECEMBER 2021 (Virtual)**

11:00 am-12:00 pm  **Session Six: The Ethical Legacy of Covid for Health Research**

*ARTHUR CAPLAN*, Drs. William F. and Virginia Connolly Mitty Professor of Bioethics, Department of Population Health at NYU Grossman School of Medicine

Moderator: *APRIL ULERY*, CSSP Board Member, Soil Science Society of America, New Mexico State University

12:00-12:15 pm  Breakout Rooms

12:15-1:00 pm  **Special Session: Powering Toward Breakthroughs in the Fight Against the Climate Crisis**

*GERALDINE RICHMOND*, Under Secretary of Science and Energy at the U.S. Department of Energy

Moderator: *LISA KEFF*, CSSP Board Chair, American Crystallographic Association, Hauptman-Woodward Medical Research Institute

1:00-1:15 pm  Break (Screen down time)
1:15-2:30 pm  **Session Seven: Reducing environmental hazards to improve human health**
Emerging and existing environmental hazards, and their interactions with a changing climate, pose a serious threat to human health. Novel solutions are required.

**BENJAMIN ZAITCHIK**, Professor, Morton K. Blaustein Department of Earth & Planetary Sciences at Johns Hopkins University  
**JENNIFER VANOS**, Assistant Professor, School of Sustainability, College of Global Futures, Arizona State University  
**TEDDIE POTTER**, Director of Planetary Health at University of Minnesota School of Nursing  

Moderator: **LUCINDA JOHNSON**, CSSP Board Member: Society for Freshwater Science: Director of Research, Natural Resources Research Institute at University of Minnesota Duluth

2:30-3:00 pm  Breakout rooms
3:00-3:15 pm  Break (Screen down time)

3:15-3:45 pm  **Business Meeting**
Election of new Board members and officers

3:45 pm  **Closing Remarks**
**LISA KEEFE** – CSSP Board Chair  
**CINDY PASKA** – CSSP Executive Director

---

**TUESDAY, 7 DECEMBER 2021 (Virtual)**

11:00 am-12:15 pm  **Congressional Breakfast**
Meet with a member of Congress and/or senior staff

12:15-1:15 pm  **Board Meeting (with newly elected members)**