Venice International University
Summer School
Science Diplomacy: Improving Capacity of Science to Inform Policy
July 18-23, 2022

Faculty
William Pan, Duke University, USA (Scientific Coordinator)
Giulia Costa, Tor Vergata University of Rome, Italy
Philip Landigran, Boston College, USA
Kurt Straif, Boston College, USA
Sonia Silvestri, University of Bologna, Italy
Christian Lara, Duke University Rethinking Diplomacy Fellow – United Nations
Marga Gual Soler, Center for Science Diplomacy, American Association for the Advancement of Science (AAAS) and The World Academy of Science (TWAS)

Program

Monday, July 18, 2022

9:00 AM Welcome and Registration
9:30 AM Faculty introductions
What is Science Diplomacy?
Fundamentals of Science Diplomacy
William Pan, Duke University
Marga Gual Soler, Center for Science Diplomacy, American Association for the Advancement of Science (AAAS) and The World Academy of Science (TWAS)

10:30 AM Break

10:45 AM Ice breakers
Science Diplomacy Case Study
William Pan, Duke University
Marga Gual Soler, Center for Science Diplomacy, American Association for the Advancement of Science (AAAS) and The World Academy of Science (TWAS)

12:30 PM Lunch

1:30 PM Student Presentations on Research

2:30 PM Break
Science Advice vs. Advocacy vs. Communication
Science Diplomacy in a post-COVID age
William Pan, Duke University
Marga Gual Soler, Center for Science Diplomacy, American Association for the Advancement of Science (AAAS) and The World Academy of Science (TWAS)

4:00 PM Case studies—Group Discussions

5:00 PM Adjourn

Tuesday July 19, 2022

9:00 AM Venice Lagoon & MOSE
Sonia Silvestri, University of Bologna

10:30 AM Break

11:00 AM Discussion - challenges of public acceptance of MOSE
Sonia Silvestri, University of Bologna

12:30 PM Lunch

1:30 PM Field Trip to MOSE
Sonia Silvestri, University of Bologna
Giulia Costa, Tor Vergata University of Rome

5:30 PM Return

Wednesday July 20, 2022

9:00 AM Solid Waste Management solutions – the case of waste to energy plants
Giulia Costa, Tor Vergata University of Rome

10:30 AM Break

11:00 AM Group discussion on technical solutions & public acceptance
Sonia Silvestri, University of Bologna
Giulia Costa, Tor Vergata University of Rome

12:30 PM Lunch

1:30 PM Gold mining, Tailings Management & the MINAMATA Convention
William Pan, Duke University

3:00 PM Break

4:00 PM Group Case Study
William Pan, Duke University
Giulia Costa, Tor Vergata University of Rome

5:00 PM Adjourn
Thursday July 21, 2022

9:00 AM  Global Public Health and Pollution Risk Assessment, Hazards
          Kurt Straif, Boston College

10:30 AM  Break

11:00 AM  Cancer and NCDs
          Kurt Straif, Boston College

12:30 PM  Lunch

1:30 PM  Mining Technology, Mercury-Free Processing
          Kurt Straif, Boston College

3:00 PM  Break

4:00 PM  Group Case Studies

5:00 PM  Adjourn

Friday July 22, 2022

9:00 AM  Pandemic Preparedness
          COVID & Risk Communication
          William Pan, Duke University
          Christian Lara, Duke University Rethinking Diplomacy Fellow – United Nations
          Kurt Straif, Boston College

10:30 AM  Break

11:00 AM  Group Case Study: Pandemic Preparedness Indices and novel Avian Influenza
          William Pan, Duke University
          Christian Lara, Duke University Rethinking Diplomacy Fellow – United Nations
          Kurt Straif, Boston College

12:30 PM  Lunch

1:30 PM  Tripartite & One Health core competencies for pandemic response
          William Pan, Duke University
          Christian Lara, Duke University Rethinking Diplomacy Fellow – United Nations
          Kurt Straif, Boston College

2:30 PM  Break

3:00 PM  Brucellosis Case study
          William Pan, Duke University
          Christian Lara, Duke University Rethinking Diplomacy Fellow – United Nations
          Kurt Straif, Boston College

5:00 PM  Adjourn
Saturday July 23, 2022

9:00 AM  Key actors in Science and Key actors in Diplomacy
* Virtual Panel with Science Diplomacy Leaders (tentative)
Global trends in Science Diplomacy
William Pan, Duke University
Christian Lara, Duke University Rethinking Diplomacy Fellow – United Nations
Kurt Straif, Boston College

10:30 AM  Break

11:00 AM  Wrap-up with Faculty and Farewell Reception

12:30 PM  Adjourn