ND EPSCoR 2021 Conference Agenda  
Wednesday, April 14, 2021

### Joint Sessions 8:30 am – 9:45 am CDT

**Welcome**  
8:30 am – 8:45 am CDT – Dr. Kelly A. Rusch, Executive Director, ND EPSCoR/NSF Track-1 Principal Investigator/Project Director

**Welcome from ND Congressional Delegation**  
8:45 am – 8:50 am CDT – Honorable John Hoeven, United States Senator, video recording  
8:50 am – 8:55 am CDT – Honorable Kevin Cramer, United States Senator, represented by Michael Kelsch, Southeast Regional Representative  
8:55 am – 9:00 am CDT – Honorable Kelly Armstrong, United States Representative

**NSF Perspective**  
9:00 am – 9:30 am CDT – Dr. Jose Colom-Ustariz, NSF EPSCoR Program Officer for ND EPSCoR RII Track-1 Cooperative Agreements (INSPIRE-ND and ND-ACES)

**Logistics**  
9:30 am – 9:45 am CDT – Cailin Shovkoplyas (ND EPSCoR)

### Break 9:45 am – 10:00 am CDT

15-minute break

### Concurrent Sessions 10:00 am – 11:00 am CDT

#### ND-ACES

Moderators: Dr. Colin Combs (UND; Biomedical Sciences) and Dr. Kalpana S. Katti (NDSU; Civil and Environmental Engineering)  
10:02 am – 10:12 am CDT – Dr. Kalpana S. Katti (NDSU; Civil and Environmental Engineering)  
10:14 am – 10:17 am CDT – Haneesh Jasuja (NDSU; Civil and Environmental Engineering)  
Advisor: Dr. Kalpana Katti (NDSU; Civil and Environmental Engineering)  
10:19 am – 10:29 am CDT – Dr. Joshua Steffan (DSU; Agriculture, Microbiology & Soil Biology) and Claire Zumbach (DSU; Biology)  
10:31 am – 10:41 am CDT – Dr. Jerome Delhommmelle (UND; Chemistry)  
10:43 am – 10:46 am CDT – Babak Mamnoon (NDSU; Pharmaceutical Sciences)  
Advisor: Dr. Sanku Mallik (NDSU; Pharmaceutical Sciences)  
10:48 am – 10:58 am CDT – Dr. Dinesh R. Katti (NDSU; Civil and Environmental Engineering)

#### INSPIRE-ND: Center for Regional Climate Studies (CRCS)

Moderators: Dr. Aaron Kennedy (UND; Atmospheric Sciences), Dr. Jianglong Zhang (UND; Atmospheric Sciences), and Dr. David Roberts (NDSU; Agribusiness and Applied Economics)  
10:02 am – 10:12 am CDT – Dr. Anne M. Denton (NDSU; Computer Science)  
10:14 am – 10:17 am CDT – Kaela Lucke (UND; Atmospheric Sciences)  
Advisor: Dr. Aaron Kennedy (UND; Atmospheric Sciences)  
10:19 am – 10:29 am CDT – Dr. Eric Brevik (DSU; Geology and Soils)  
10:31 am – 10:41 am CDT – Dr. Jianglong Zhang (UND; Atmospheric Sciences)
10:43 am – 10:46 am CDT – Mohammed Hadi Bazrkar (NDSU; Civil and Environmental Engineering) Advisor: Dr. Xuefeng Chu (NDSU; Civil and Environmental Engineering)
10:48 am – 10:58 am CDT – Dr. David Roberts (NDSU; Agribusiness and Applied Economics)

**INSPIRE-ND: Center for Sustainable Materials Science (CSMS)**
Moderators: Dr. Dean C. Webster (NDSU; Coatings and Polymeric Materials) and Dr. Mukund P. Sibi (NDSU; Chemistry and Biochemistry)
10:02 am – 10:12 am CDT – Dr. Chad Ulven (NDSU; Mechanical Engineering)
10:14 am – 10:17 am CDT – Meade Erickson (NDSU; Coatings and Polymeric Materials)
Advisor: Dr. Bakhityor Rasulev (NDSU; Coatings and Polymeric Materials)
10:19 am – 10:29 am CDT – Dr. Khwaja Hossain (MaSU; Biology)
10:31 am – 10:41 am CDT – Dr. Alena Kubatova (UND; Chemistry)
10:43 am – 10:46 am CDT – Andrew Kalbach (NDSU; Chemistry and Biochemistry) Advisor: Dr. Alex Parent (NDSU; Chemistry and Biochemistry)
10:48 am – 10:58 am CDT – Dr. Andriy Voronov (NDSU; Coatings and Polymeric Materials)

**Break 11:00 am – 11:15 am CDT**
15-minute break

**Concurrent Poster Session Live Q&As 11:15 am – 12:00 pm CDT**

**ND-ACES**
11:15 am – 12:00 pm CDT
Moderator: Dr. Sanku Mallik (NDSU; Pharmaceutical Sciences)

**INSPIRE-ND: CRCS**
11:15 am – 12:00 pm CDT
Moderator: Dr. Aaron Kennedy (UND; Atmospheric Sciences)

**Other STEM Areas**
11:15 am – 12:00 pm CDT
Moderator: Dr. Scott Hanson (ND EPSCoR State Office)

**Lunch Break 12:00 pm – 12:30 pm CDT**
Lunch Break

**Joint Sessions 12:30 pm – 2:15 pm CDT**

**Keynote on Team Science**
Speaker: Dr. Pips Veazey, Principal Investigator/Project Director, Alaska EPSCoR
12:30 pm – 1:15 pm CDT

**STEM-based Indigenous Knowledge Panel**
Speakers: President Cynthia Lindquist (CCCC), President Twyla Baker (NHSC), President Donna Brown (TMCC), Dr. Mafany Ndiva-Mongoh (SBC), Mandy Guinn (UTTC)
1:15 pm – 2:15 pm CDT
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<tr>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>2:15 pm – 2:30 pm</td>
<td>Break</td>
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<tr>
<td>2:30 pm – 3:15 pm</td>
<td>Concurrent Poster Session Live Q&amp;As</td>
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<td>ND-ACES</td>
<td>Moderator: Dr. Julia Xiaojun Zhao (UND; Chemistry)</td>
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<td>2:30 pm – 3:15 pm</td>
<td>INSPIRE-ND: CSMS</td>
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<td>Moderator: Dr. Mukund P. Sibi (NDSU; Chemistry and Biochemistry)</td>
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<td>2:30 pm – 3:15 pm</td>
<td>Other STEM Areas</td>
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<td>Moderator: Shireen Alemadi (ND EPSCoR State Office)</td>
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<tr>
<td>2:30 pm – 3:15 pm</td>
<td>Break</td>
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<tr>
<td>3:15 pm – 3:30 pm</td>
<td>Concurrent Sessions</td>
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<td>ND-ACES</td>
<td>Moderator: Dr. Sarah Sletten (UND; Biomedical Sciences)</td>
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<td>3:32 pm – 3:42 pm</td>
<td>– Dr. Rachel Navarro (UND; Counseling Psychology, Associate Dean</td>
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<td>for Research and Faculty Development College of Education &amp; Human Development)</td>
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<td>3:44 pm – 3:47 pm</td>
<td>– Sharad Jaswandkar (NDSU; Civil and Environmental Engineering)</td>
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<td>Advisor: Dr. Dinesh R. Katti (NDSU; Civil and Environmental Engineering)</td>
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<td>3:49 pm – 3:59 pm</td>
<td>– Dr. Archana Dhasarathy (UND; Biomedical Sciences)</td>
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<td>4:01 pm – 4:04 pm</td>
<td>– Sarah Reagen (UND; Chemistry) Advisor: Dr. Julia Xiaojun Zhao</td>
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<td>4:06 pm – 4:16 pm</td>
<td>– Dr. Van Doze (UND; Biomedical Sciences)</td>
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<td>4:18 pm – 4:28 pm</td>
<td>– Dr. Zoltan P. Majdik (NDSU; Communication)</td>
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<td>ABCs of Patents and Commercialization Roundtable</td>
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<td>Moderator: Dr. John Mihelich, Interim Vice President for Research and Economic Development, ND EPSCoR/NSF Track-1 Co-Principal Investigator/Associate Project Director (UND)</td>
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<td>3:32 pm – 3:37 pm</td>
<td>– Holly Gabriel, Business, Government Documents, &amp; Patents Librarian (UND)</td>
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<td>3:39 pm – 3:44 pm</td>
<td>– Dr. Jolynne Tschetter, Executive Director, Industry Engagement &amp; Intellectual Property (NDSU)</td>
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<td>3:46 pm – 3:51 pm</td>
<td>– Dr. Amy Whitney, Director, Center for Innovation (UND)</td>
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<td>3:53 pm – 3:58 pm</td>
<td>– Dr. Brian Kalk, Executive Director, Research and Technology Park (NDSU)</td>
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<td>4:00 pm – 4:30 pm</td>
<td>– Dialogue with audience</td>
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Wrap-up and closing remarks

4:30 pm – 4:45 pm CDT – Dr. Kelly A. Rusch, Executive Director, ND EPSCoR/NSF Track-1 Principal Investigator/Project Director