# 24th Meeting of the National Center for Advancing Translational Sciences Advisory Council

Open Session of the meeting will be available via [WebEx](#).

## Thursday, May 14, 2020

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<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:00 am</td>
<td>Closed Session</td>
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<tr>
<td>11:00 am</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>11:30 am</td>
<td><strong>Call to Order, Open Session</strong></td>
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<tr>
<td>11:35 am</td>
<td>Staffing Announcements</td>
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<tr>
<td>11:45 am</td>
<td><strong>Director’s Update</strong></td>
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<tr>
<td>12:30 pm</td>
<td><strong>Special Discussion of COVID-19-Related Issues</strong></td>
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<tr>
<td>1:10 pm</td>
<td><strong>Program Update: Division of Preclinical Innovation</strong></td>
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<tr>
<td>1:55 pm</td>
<td><strong>BREAK</strong></td>
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<td>2:15 pm</td>
<td><strong>Clearance of Concepts: Presentations and Discussions</strong></td>
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### Call to Order, Open Session
- Christopher P. Austin, M.D., Director, NCATS; Chairperson — NCATS Advisory Council

### Confirmation of Dates for Future NCATS Advisory Council Meetings

### Approval of Minutes from the January 2020 Joint Meeting
- Anna L. Ramsey-Ewing, Ph.D., Director, Office of Grants Management and Scientific Review, NCATS; Executive Secretary — NCATS Advisory Council

### Staffing Announcements
- NCATS Leadership

### Director’s Update
- Christopher P. Austin, M.D., Director, NCATS; Chairperson — NCATS Advisory Council

### Special Discussion of COVID-19-Related Issues
- Moderator, Joni Rutter, Ph.D., Deputy Director, NCATS

### Program Update: Division of Preclinical Innovation
- Matthew D. Hall, Ph.D., Acting Chief, Early Translation Branch, Division of Preclinical Innovation, NCATS

### Clearance of Concepts: Presentations and Discussions
- **A Specialized Platform for Innovative Research Exploration: ASPIRE-ing Beyond HEAL**
  - Danilo A. Tagle, Ph.D., M.S., Associate Director for Special Initiatives, NCATS
  - Samuel G. Michael, Director, Automation and Compound Management, Division of Preclinical Innovation, NCATS
- **Extended Longevity Tissue Chips for Modeling Chronic Exposures**
  - Lucie A. Low, Ph.D., Program Director, Office of Special Initiatives, NCATS
- **Drug Screening with Biofabricated 3-D Disease Tissue Models**
  - Dobrila D. Rudnicki, Ph.D., Program Director, Office of Special Initiatives, NCATS
### Machine Intelligence in Health Care
- Karlie R. Sharma, Ph.D., Program Officer, Drug Development Partnership Programs, Office of the Director, NCATS
- Christine M. Cutillo, M.M.C.i., Special Assistant to the Director, Office of the Director, NCATS

### SBIR Contract Topics

#### Introduction
- Lili M. Portilla, M.P.A., Director, SBIR/STTR Program, NCATS

#### Multi-Sensory Virtual/Augmented Reality Systems for Rehabilitation
- Samuel G. Michael, Chief, Information Technology Resources Branch, Division of Preclinical Innovation, NCATS

#### Platform for Rapidly Deployable Autonomous Laboratory
- Samuel G. Michael, Chief, Information Technology Resources Branch, Division of Preclinical Innovation, NCATS
- Carleen Klumpp-Thomas, M.S., Research Services Core Lead, Division of Preclinical Innovation, NCATS

**Special Topic Presentation: Utilizing Artificial Intelligence/Machine Learning to Enhance Preclinical Discovery**
- Samuel G. Michael, Chief Information Officer, Office of Administrative Management, NCATS

**Cures Acceleration Network Review Board Update**
- Ron Bartek, M.A., Co-founder and Founding President, Friedreich’s Ataxia Research Alliance; Vice Chairperson — CAN Review Board
- G. Lynn Marks, M.D., Tunnell Government Services, Inc.; Chairperson — CAN Review Board

**Adjournment**
- Christopher P. Austin, M.D., Director, NCATS; Chairperson — NCATS Advisory Council

### Future Meetings

- **Sept. 17, 2020**
- **Jan. 14, 2021**
- **May 20, 2021**
- **Sept. 23, 2021**
- **Jan. 20, 2022**
- **May 19, 2022**
- **Sept. 22, 2022**