## Monday, July 29th – Travel Day/Registration

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 – 7:00 pm</td>
<td>Registration/Check-In Desk- Open</td>
<td>Centennial Room</td>
</tr>
<tr>
<td></td>
<td>Please check-in at the registration desk in the main lobby.</td>
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<tr>
<td></td>
<td>Refreshments and your FREE t-shirt are available in the Centennial Room!</td>
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</tr>
<tr>
<td>2:00 – 7:00 pm</td>
<td>Hang your poster</td>
<td>University Room</td>
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<tr>
<td></td>
<td>Poster room available for students to put their posters up.</td>
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</tr>
<tr>
<td>5:00 – 7:00 pm</td>
<td>Dinner on your own</td>
<td>Moscow, ID</td>
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<tr>
<td></td>
<td>Have fun exploring Moscow and all the wonderful places available to dine!</td>
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</tbody>
</table>

## Tuesday, July 30th

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 – 8:30 am</td>
<td>Hotel Continental Breakfast (hotel guests only)</td>
<td>Breakfast Room</td>
</tr>
<tr>
<td>8:30 – 10:30 am</td>
<td>Welcome! Conference Opening Session</td>
<td>Gold/Silver Room</td>
</tr>
<tr>
<td>8:30 – 8:40</td>
<td>Parade of Students</td>
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<tr>
<td>8:40 – 8:45</td>
<td>Students line up in Courtyard</td>
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<tr>
<td>8:45 – 8:50</td>
<td>Welcome to Moscow and the University of Idaho</td>
<td></td>
</tr>
<tr>
<td>8:50 – 9:00</td>
<td>President’s Address</td>
<td></td>
</tr>
<tr>
<td>8:50 – 8:55</td>
<td>Nancy Glenn, Ph.D., Vice President for Research &amp; Economic Dev., Boise State University</td>
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<tr>
<td>8:55 – 10:15</td>
<td>Undergraduate Research and Outreach at Truckee Meadows Community College</td>
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</tr>
<tr>
<td>9:00 – 9:20</td>
<td>Julie Ellsworth-Baker, Ph.D., Dean, Truckee Meadows Community College, Reno, Nevada</td>
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<tr>
<td>9:25 – 9:55</td>
<td>Targeting Cancer with Collaborative Research</td>
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<tr>
<td>9:55 – 10:15</td>
<td>Jeffrey Arterburn, Ph.D., INBRE EAC, New Mexico State University</td>
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<tr>
<td>10:15 – 10:45</td>
<td>Logistics &amp; Poster/Voting Information-</td>
<td></td>
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<tr>
<td>10:20 – 10:25</td>
<td>Carolyn Hovde Bohach, Ph.D., Director, Idaho INBRE, Distinguished Professor, University of Idaho</td>
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<tr>
<td>10:20 – 10:45</td>
<td>Professor Rhena Cooper, INBRE Statewide Student Director, North Idaho College</td>
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<tr>
<td>10:45 – 12:45 pm</td>
<td>Poster Session A</td>
<td>University Room</td>
</tr>
<tr>
<td>12:45 – 2:00 pm</td>
<td>Lunch (provided)- Please go through the buffet line in the Courtyard and then join us for lunch. (Silver Room is available if indoor seating is desired.)</td>
<td>Courtyard</td>
</tr>
<tr>
<td>12:45 – 2:00 pm</td>
<td>Invitation Only: EAC/Steering Committee - Working Lunch</td>
<td>Concurrent Gold Room</td>
</tr>
<tr>
<td>12:45 – 2:00 pm</td>
<td>Educator’s Session - Best Practices using Artificial Intelligence in the College Working Lunch (access main buffet line and take food to meeting room)</td>
<td>Concurrent Centennial Room</td>
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<tr>
<td>Time</td>
<td>Event</td>
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</table>
| **2:00 – 4:00 pm** | **University Room**  
**Poster Session B**  
Students with Even-Numbered posters will present their research. |
| **3:30 – 4:30 pm** | **Latah Room**  
**Administrator’s Meet & Greet**  
Presidents, VPs, Deans, Department Heads, Department Chairs, are invited! Coffee provided. |
| **4:00 – 4:15 pm** | **Centennial**  
**Break** |
| **4:15 – 5:30 pm** | **Beyond Baccalaureate Panel**  
**(Moderator: Professor Rhena Cooper, North Idaho College)**  
A fun panel to encourage undergraduates to seek graduate or professional education. Hear from successful professionals about their diverse paths to their careers. Open discussion will follow the presentations.  
**Panelists:**  
- [Josh Baker](#), Ph.D., Assoc. VP for Research, School of Medicine, University of Nevada, Reno  
- [Nancy Johnston](#), Ph.D., Chemistry, LC State College  
- [Theresa Koehler](#), Ph.D., Chair Emerita, Microbiology, UTHealth Houston- McGovern Medical School; President of the American Society of Microbiology (ASM)  
- [Ming Lei](#), Ph.D., Sr. Assoc. VP, Vice Dean of Research, School of Medicine; West Virginia U  
- [Dan Nogales](#), Ph.D., Chemistry, Northwest Nazarene University  
- [Douglas Wright](#), Ph.D., Vice Chair of Research, Anesthesiology, Pain and Perioperative Medicine, PD/PI Kansas INBRE, University of Kansas Medical Center |
| **5:30 – 6:30 pm** | **Courtyard**  
**Pre-Dinner Mixer**  
Live music for pre-dinner fun  
**Students take down posters!** |
| **6:30 – 8:00 pm** | **Courtyard- buffet line**  
**Gold/Silver- seating**  
**Inspirational Keynote- ‘Journeys’ (dinner provided)**  
see the back of your name badge for details.  
**Keynote Speaker Introduction:** [President Nick Swayne](#), North Idaho College  
**Keynote Speaker:** [Tom Croschere, M.D.](#), Anesthesiologist and Cardiac Intensivist, Providence Sacred Heart and Holy Family, Spokane, WA |
| **8:00 – 10:00 pm** | **Courtyard**  
**Conference Mixer**  
Join us for live music and networking! |
| **8:00 – 10:15 pm** | **UI Campus**  
**INBRE: Rec Center Networking**  
(All attendees are welcome to attend!) *Pre-registration and waiver required* |

**Wednesday, July 31st**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| **6:30 – 8:30 am** | **Breakfast Room**  
Hotel Continental Breakfast (hotel guests only) |
| **7:30 – 8:30 am** | **Latah Room**  
**Data Science Meeting-** [Ken Cornell, Ph.D.](#) (invitation only)  
*Take your breakfast to the meeting room!* |
| **9:00 – 10:00 am** | **University Room**  
**CRISPR-based Genome Editing: Biology and Biotechnology**  
[Jennifer A. Doudna, Ph.D.](#), Nobel Laureate in Chemistry, Professor, Li Ka Shing Chancellor’s Chair in Biomedical and Health Sciences, University of California-Berkeley (30 min lecture, Q&A) |
10:00 – 10:15 am  |  **Break**  

**10:15 – 11:15 am**

**University Room**

**Ethics in Science**

Join this interactive session where you will hear the ethical implications of scientific/medical advances.

Session Moderator: Professor Rhena Cooper, North Idaho College

Panelists:

- **Jennifer Chase**, Ph.D., Northwest Nazarene University
- **Todd Kelson**, Ph.D., Brigham Young University – Idaho
- **Scott Minnich**, Ph.D., University of Idaho
- **Dan Nogales**, Ph.D., Northwest Nazarene University

**11:15 – 11:30 am**

**University Room**

**Unlocking Career Success: The Power of Professional Society Memberships**

**Theresa Koehler**, Ph.D., Chair Emerita, Microbiology, UTHealth Houston- McGovern Medical School; President of the American Society of Microbiology (ASM)

**11:30 – 11:35 am**

**University Room**

**LinkedIn**

**Ashley Bogar**, M.S., INBRE Evaluation Director & Program Manager

**11:35 am – 1:00 pm**

**Courtyard**

**Lunch** (provided)- Please go through the buffet line in the Courtyard and then join us for lunch. (Silver Room is available if indoor seating is desired.)

**1:00 – 3:15 pm**

**Faculty & Graduate Student Presentations – Concurrent Sessions**

<table>
<thead>
<tr>
<th>Times</th>
<th>Idaho Room</th>
<th>Washington Room</th>
<th>Palouse Room</th>
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</table>
| 1:00 – 1:30 | **FACULTY**

**Anamaria Zavala**, Ph.D., BSU

Title: Chemotherapy: The Missing LINC

Chair of Idaho Room

**Kinta Serve**, Ph.D., ISU

Title: Understanding Environmental Autoimmunity: Lessons from Libby Asbestos Exposures

Chair of Washington Room

**Bethaney Fehrenkamp**, Ph.D., UI

Title: Role of Early-Life Feeding in Immune System Maturation

Chair of Palouse Room

| 1:35 – 2:05 | **FACULTY**

**Hasan Jamil**, Ph.D., UI

Title: Generative AI and Data Science for Scientific Computation - a Smarter Approach to Knowledge Gathering

**Nancy Johnston**, Ph.D., LCSC

Title: Up in smoke – air toxics and health risk from wildfires

**Christopher Lupfer**, Ph.D., BYU-I

Title: Pyruvate: Metabolite or Medicin?

| 2:10 – 2:40 | **GRADUATE STUDENTS**

**Cody Appa**, UI

Title: Understanding the Role of the Transcriptional Regulator Euo on the Developmental Cycle of Chlamydia trachomatis

**Anyauba Nmaju**, ISU

Title: Does epitope specificity matter? A comparison of unique antibody epitopes for the neutralization of streptolysin o

**Amevi Semodji**, BSU

Title: Healing through deformation: How distortion energy affects fibroblast activity

| 2:45 – 3:15 | **FACULTY**

**Ali Habachi**, Ph.D., ISU

Title: Biomarkers of Inflammatory Diseases: Focused on Renin-Angiotensin System (cancelled)

**Video**- “The most beautiful experiment in biology”

Hosted by Leigh Latta, LCSC

**MC Ammons Anderson**, Ph.D., IVREF

Title: Predicting Wound Healing: A Machine-Learning Approach to Model Microbiome, Metabolome, and Clinical Annotation of Non-Healing Wounds

Use link or QR code on the last page for additional speaker details. ↓

**3:15 – 3:30 pm**  |  **Break**  

**3:30 – 3:45 pm**

**University Room**

**Course-based Undergraduate Research Education (CURE) at BYU-I**

**Cody Diehl**, Ph.D., Brigham Young University – Idaho

Don't miss this session for a special funding opportunity announcement from Idaho INBRE.
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<tbody>
<tr>
<td>3:45 – 5:00 pm</td>
<td>Fast Pitch Science</td>
<td>University Room</td>
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<tr>
<td></td>
<td>Modeled after three-minute thesis (3MT™️). This is a ‘conference favorite!’&lt;br&gt;Pre-registration required (limited space available).&lt;br&gt;Chairs: Nancy Johnston, Ph.D., LC State College&lt;br&gt;Kirsten Blanchette, M.S., North Idaho College</td>
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</tr>
<tr>
<td>5:00 – 5:30 pm</td>
<td>Pre-Dinner Mixer</td>
<td>Courtyard</td>
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<td></td>
<td>Live music!</td>
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<tr>
<td>5:30 – 6:30 pm</td>
<td>Awards Banquet (dinner provided)</td>
<td>Courtyard - Buffet line&lt;br&gt;Gold/Silver - Seating</td>
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<tr>
<td></td>
<td>Join us in celebrating the outstanding research of our INBRE Students.&lt;br&gt;Please go through the buffet line in the Courtyard and then join us in the Silver/Gold Room for dinner. This is the final event of our conference. Thank you for attending and safe travels!&lt;br&gt;Please complete the Post-Conference Survey you will receive via email. We appreciate your valuable feedback.</td>
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**Conference website**

**INBRE website**

**How to Cite INBRE**

**Speaker Details**