



## 2024 Idaho INBRE Statewide Research Conference

Best Western Plus University Inn (Moscow, ID)

July 29-31, 2024

### Monday, July 29<sup>th</sup> - Travel Day/Registration

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

### Tuesday, July 30<sup>th</sup>

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| <b>6:30 – 8:30 am</b><br><i>Breakfast Room</i>    | Hotel Continental Breakfast ( <i>hotel guests only</i> )  |
| <b>8:30 – 10:30 am</b><br><i>Gold/Silver Room</i> | <b>Welcome! Conference Opening Session</b><br><a href="#">Carolyn Hovde Bohach</a> , Ph.D., Director, Idaho INBRE, Distinguished Professor, University of Idaho   |
| 8:30 – 8:40                                       | <b>Parade of Students</b><br><i>Students line up in Courtyard</i>   |
| 8:45 – 8:50                                       | <b>Welcome to Moscow and the University of Idaho</b><br><a href="#">President Scott Green</a> , MBA, (video), University of Idaho   |
| 8:55 – 9:25                                       | <b>President's Address</b><br><a href="#">Nancy Glenn</a> , Ph.D., Vice President for Research & Economic Dev., Boise State University  |
| 9:30 – 9:50                                       | <b>Undergraduate Research and Outreach at Truckee Meadows Community College</b><br><a href="#">Julie Ellsworth-Baker</a> , Ph.D., Dean, Truckee Meadows Community College, Reno, Nevada   |
| 9:55 – 10:15                                      | <b>Targeting Cancer with Collaborative Research</b><br><a href="#">Jeffrey Arterburn</a> , Ph.D., INBRE EAC, New Mexico State University  |
| 10:20 – 10:25                                     | <b>Logistics &amp; Poster/Voting Information-</b><br><a href="#">Carolyn Hovde Bohach</a> , Ph.D., Director, Idaho INBRE, Distinguished Professor, University of Idaho<br>Professor Rhena Cooper, INBRE Statewide Student Director, North Idaho College |

**10:30 – 10:45 am** *Break*

**10:45 – 12:45 pm** *University Room*  
**Poster Session A**  
Students with Odd-Numbered posters will present their research.

**12:45 – 2:00 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.)

**12:45 – 2:00 pm** *Concurrent Gold Room*  
**Invitation Only: EAC/Steering Committee - Working Lunch**  
Upper administrators, INBRE EAC, invitation only.  
[Please go directly to the Gold Room](#) for a private lunch buffet.

**12:45 – 2:00 pm** *Concurrent Centennial Room*  
**Educator's Session - Best Practices using Artificial Intelligence in the College Classroom** Working Lunch (*access main buffet line and take food to meeting room*)  
Educators meet to share ideas, practices, and lessons learned.

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Chair: [Todd Kelson](#), Ph.D., Brigham Young University – Idaho  
Co-Chair: [Elise Connor](#), Ph.D. College of Western Idaho

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**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**

**Break**

**4:15 – 5:30 pm**  
Centennial

**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, UTHHealth 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)  
**Assigned seating-** 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 31<sup>st</sup>

**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  
**CONFERENCE HIGHLIGHT**

**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)

<b>10:00 – 10:15 am</b>	<b>Break</b>
<b>10:15 – 11:15 am</b> University Room	<p><b>Ethics in Science-</b> Join this interactive session where you will hear the ethical implications of scientific/ medical advances. Session Moderator: Professor Rhena Cooper, North Idaho College</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Jennifer Chase</a>, Ph.D., Northwest Nazarene University</li> <li>• <a href="#">Todd Kelson</a>, Ph.D., Brigham Young University – Idaho</li> <li>• <a href="#">Scott Minnich</a>, Ph.D., University of Idaho</li> <li>• <a href="#">Dan Nogales</a>, Ph.D., Northwest Nazarene University</li> </ul>
<b>11:15 – 11:30 am</b> University Room	<p><b>Unlocking Career Success: The Power of Professional Society Memberships</b> <a href="#">Theresa Koehler</a>, Ph.D., Chair Emerita, Microbiology, UTHealth Houston- McGovern Medical School; President of the American Society of Microbiology (ASM)</p>
<b>11:30 – 11:35 am</b> University Room	<p><b>LinkedIn</b> <a href="#">Ashley Bogar</a>, M.S., INBRE Evaluation Director &amp; Program Manager</p>

**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**  
WA/ID/Palouse      **Faculty & Graduate Student Presentations – Concurrent Sessions**

Times	Idaho Room	Washington Room	Palouse Room
<b>1:00 – 1:30</b> <b>FACULTY</b>	<p><a href="#">Anamaria Zavala</a>, Ph.D., BSU. Title: <i>Chemotherapy: The Missing LINC</i></p> <p><b>Chair of Idaho Room</b></p>	<p><a href="#">Kinta Serve</a>, Ph.D., ISU Title: <i>Understanding Environmental Autoimmunity: Lessons from Libby Asbestos Exposures</i></p> <p><b>Chair of Washington Room</b></p>	<p><a href="#">Bethaney Fehrenkamp</a>, Ph.D., UI, Title: <i>Role of Early-Life Feeding in Immune System Maturation</i></p> <p><b>Chair of Palouse Room</b></p>
<b>1:35 – 2:05</b> <b>FACULTY</b>	<p><a href="#">Hasan Jamil</a>, Ph.D., UI Title: <i>Generative AI and Data Science for Scientific Computation - a Smarter Approach to Knowledge Gathering</i></p>	<p><a href="#">Nancy Johnston</a>, Ph.D., LCSC Title: <i>Up in smoke – air toxics and health risk from wildfires</i></p>	<p><a href="#">Christopher Lupfer</a>, Ph.D., BYU-I Title: <i>Pyruvate: Metabolite or Medicin?</i></p>
<b>2:10 – 2:40</b> <b>GRADUATE STUDENTS</b>	<p><a href="#">Cody Appa</a>, UI Title: <i>Understanding the Role of the Transcriptional Regulator Euo on the Developmental Cycle of Chlamydia trachomatis</i></p>	<p><a href="#">Anyaubu Nmaju</a>, ISU Title: <i>Does epitope specificity matter? A comparison of unique antibody epitopes for the neutralization of streptolysin o</i></p>	<p><a href="#">Amevi Semodji</a>, BSU Title: <i>Healing through deformation: How distortion energy affects fibroblast activity</i></p>
<b>2:45 – 3:15</b> <b>FACULTY</b>	<p><a href="#">Ali Habashi</a>, Ph.D., ISU Title: <i>Biomarkers of Inflammatory Diseases: Focused on Renin-Angiotensin System</i></p>	<p>Video- “The most beautiful experiment in biology” Hosted by Leigh Latta, LCSC</p>	<p><a href="#">MC Ammons Anderson</a>, Ph.D., IVREF Title: <i>Predicting Wound Healing: A Machine-Learning Approach to Model Microbiome, Metabolome, and Clinical Annotation of Non-Healing Wounds</i></p>

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.*

**3:45 – 5:00 pm**  
*University Room*

**Fast Pitch Science**

Modeled after three-minute thesis (3MT)<sup>™</sup>. This is a ‘conference favorite!’  
*Pre-registration required (limited space available).*  
Chairs/Moderators: Nancy Johnston, Ph.D., LC State College  
Kirsten Blanchette, M.S., North Idaho College

**5:00 – 5:30 pm**  
*Courtyard*

**Pre-Dinner Mixer**  
Live music!

**5:30 – 6:30 pm**  
*Courtyard- Buffet line*  
*Gold/Silver- Seating*

**Awards Banquet** *(dinner provided)*

Join us in celebrating the outstanding research of our INBRE Students.  
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!  
*Please complete the Post-Conference Survey you will receive via email. We appreciate your valuable feedback.*

[Conference website](#)



[INBRE website](#)



[How to Cite INBRE](#)



[Speaker Details](#)

