



2024 Idaho INBRE Statewide Research Conference
Best Western Plus University Inn (Moscow, ID)
July 29-31, 2024

Monday, July 29th - Travel Day/Registration

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

Tuesday, July 30th

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| 6:30 – 8:30 am
<i>Breakfast Room</i> | Hotel Continental Breakfast (<i>hotel guests only</i>) |
| 8:30 – 10:30 am
<i>Gold/Silver Room</i> | Welcome! Conference Opening Session
Carolyn Hovde Bohach , Ph.D., Director, Idaho INBRE, Distinguished Professor, University of Idaho |
| 8:30 – 8:40 | Parade of Students
<i>Students line up in Courtyard</i> |
| 8:45 – 8:50 | Welcome to Moscow and the University of Idaho
President Scott Green , MBA, (video), University of Idaho |
| 8:55 – 9:25 | President’s Address
Nancy Glenn , Ph.D., Vice President for Research & Economic Dev., Boise State University |
| 9:30 – 9:50 | Undergraduate Research and Outreach at Truckee Meadows Community College
Julie Ellsworth-Baker , Ph.D., Dean, Truckee Meadows Community College, Reno, Nevada |
| 9:55 – 10:15 | Targeting Cancer with Collaborative Research
Jeffrey Arterburn , Ph.D., INBRE EAC, New Mexico State University |
| 10:20 – 10:25 | Logistics & Poster/Voting Information-
Carolyn Hovde Bohach , Ph.D., Director, Idaho INBRE, Distinguished Professor, University of Idaho
Professor Rhena Cooper, INBRE Statewide Student Director, North Idaho College |
| 10:30 – 10:45 am | Break |
| 10:45 – 12:45 pm
<i>University Room</i> | Poster Session A
Students with Odd-Numbered posters will present their research. |
| 12:45 – 2:00 pm
<i>Courtyard</i> | 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
<i>Gold Room</i> | 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
<i>Centennial Room</i> | Educator’s Session - Best Practices using Artificial Intelligence in the College Classroom Working Lunch (<i>access main buffet line and take food to meeting room</i>)
Educators meet to share ideas, practices, and lessons learned. |

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

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 31st

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)

10:00 – 10:15 am	Break
10:15 – 11:15 am University Room	<p>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</p> <p>Panelists:</p> <ul style="list-style-type: none"> • 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	<p>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)</p>
11:30 – 11:35 am University Room	<p>LinkedIn Ashley Bogar, M.S., INBRE Evaluation Director & 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
1:00 – 1:30 FACULTY	<p>Anamaria Zavala, Ph.D., BSU. Title: <i>Chemotherapy: The Missing LINC</i></p> <p>Chair of Idaho Room</p>	<p>Kinta Serve, Ph.D., ISU Title: <i>Understanding Environmental Autoimmunity: Lessons from Libby Asbestos Exposures</i></p> <p>Chair of Washington Room</p>	<p>Bethaney Fehrenkamp, Ph.D., UI, Title: <i>Role of Early-Life Feeding in Immune System Maturation</i></p> <p>Chair of Palouse Room</p>
1:35 – 2:05 FACULTY	<p>Hasan Jamil, Ph.D., UI Title: <i>Generative AI and Data Science for Scientific Computation - a Smarter Approach to Knowledge Gathering</i></p>	<p>Nancy Johnston, Ph.D., LCSC Title: <i>Up in smoke – air toxics and health risk from wildfires</i></p>	<p>Christopher Lupfer, Ph.D., BYU-I Title: <i>Pyruvate: Metabolite or Medicin?</i></p>
2:10 – 2:40 GRADUATE STUDENTS	<p>Cody Appa, UI Title: <i>Understanding the Role of the Transcriptional Regulator Euo on the Developmental Cycle of Chlamydia trachomatis</i></p>	<p>Anyaubu Nmaju, ISU Title: <i>Does epitope specificity matter? A comparison of unique antibody epitopes for the neutralization of streptolysin o</i></p>	<p>Amevi Semodji, BSU Title: <i>Healing through deformation: How distortion energy affects fibroblast activity</i></p>
2:45 – 3:15 FACULTY	<p>Ali Habashi, Ph.D., ISU Title: <i>Biomarkers of Inflammatory Diseases: Focused on Renin-Angiotensin System</i> (cancelled)</p>	<p>Video- “The most beautiful experiment in biology” Hosted by Leigh Latta, LCSC</p>	<p>MC Ammons Anderson, 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)TM. This is a ‘conference favorite!’
Pre-registration required (limited space available).
Chairs: 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](#)

