



2023 Idaho INBRE Statewide Research Conference
Best Western Plus University Inn (Moscow, ID)
July 24-26, 2023

Monday, July 24th – Travel Day/Registration

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| 12:00 – 5:00 pm
<i>Centennial Room</i> | Registration
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> |
| 12:00 – 5:00 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 of the wonderful places available to dine! |

Tuesday, July 25th

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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
Dr. Carolyn Hovde Bohach , Ph.D., Director, Idaho INBRE, University of Idaho |
| 8:30 – 8:40 am | Parade of Students
<i>Students line up in Courtyard</i> |
| 8:45 – 8:55 am | Welcome to Moscow and the University of Idaho
Dr. Mark McGuire , Ph.D., Associate Dean, CALS, University of Idaho |
| 9:00 – 9:30 am | President’s Address
Joel Pearsall , J.D., President, Northwest Nazarene University |
| 9:35 – 10:15 am | NIGMS Update
Dr. Krishan Arora , Networks and Development Programs Branch, Branch Chief, NIGMS, NIH |
| 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.) |
| Concurrent
<i>Gold Room</i> | Invitation Only: Administrators’ Roundtable- Working Lunch
Presidents, VPs, Provosts, Deans, and Department Heads ONLY are invited to join this roundtable! Please go directly to the Gold Room for a private lunch buffet. |
| Concurrent
<i>Centennial Room</i> | Educator’s Session- Working Lunch (<i>access main buffet line and take food to meeting room</i>)
<i>Chair: Amy Rice Doetsch, Ph.D., College of Southern Idaho</i>
Educators meet to share ideas, practices, and lessons learned. |
| 2:00 – 4:00 pm
<i>University Room</i> | Poster Session B
Students with Even-Numbered posters will present their research. |

4:00 – 4:15 pm	Break
4:15 – 5:30 pm <i>Centennial</i>	Beyond Baccalaureate Panel <i>(Moderator: Professor Rhena Cooper, North Idaho College)</i> 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: <i>Dr. Nancy Johnston, LCSC; Dr. Jamee Nixon, NNU; Dr. Cheryl Jorcyk, BSU; Dr. Theresa Koehler, UTHHealth Houston, McGovern Medical School; Dr. Cody Diehl, BYU-I; Dr. Tom Pirtle, CofI; Dr. Doug Wright, University of Kansas Medical Center</i>
5:30 – 6:30 pm <i>Courtyard</i>	Pre-Dinner Mixer Students take down posters! Live music for pre-dinner fun!
6:30 – 8:00 pm <i>Gold/Silver</i>	Inspirational Keynote- Former INBRE Student Dinner (provided) <i>Assigned seating- see the back of your name badge for details.</i> Dr. Erin Conlee , M.D., Pediatric Rehabilitation Medicine, St. Lukes
8:00 – 10:00 pm <i>Courtyard</i>	Conference Mixer Join us for live music and networking!
8:00 – 10:15 pm <i>UI Campus</i>	INBRE: Rec Center Networking (Students, Staff, and Faculty are welcome to attend!) <i>*Pre-registration and waiver completion <u>required</u>*</i>

Wednesday, July 26th

6:30 – 8:30 am <i>Breakfast Room</i>	Hotel Continental Breakfast (<i>hotel guests only</i>)
7:30 – 8:30 am <i>Latah Room</i>	Data Science Meeting- Dr. Ken Cornell (invite only) <i>Take your breakfast to the meeting room!</i>
8:30 – 9:30 am <i>University Room</i>	<i>From nanotechnology to mRNA vaccines: How overcoming skepticism and barriers led to new cancer treatments and ways to tackle a global health challenge</i> Dr. Robert S. Langer , Sc.D., Massachusetts Institute of Technology (MIT)
9:30 – 10:15 am <i>University Room</i>	<i>Beyond Pain: Redefining the Roles of Peripheral Nerves</i> Dr. Doug E. Wright , University of Kansas Medical Center, Kansas INBRE PI
10:15 – 10:30 am	Break
10:30 – 11:45 am <i>University Room</i>	Exploring Medical Professions: Panel Join this interactive session where you will hear the career trajectory and important advice from a panel of local professionals. Session Moderator: Professor Rhena Cooper. Panelists: <ul style="list-style-type: none"> • Reagan Badger, MS Biology, current WWAMI student, University of Idaho • Lindsay Childs, PharmD, Director of Pharmacy, Rehabilitation Hospital of the Northwest • Jared Lambert, OD, Optometrist, Kootenai Vision Center • Laurianne T. Mullinax, MS, MLS(ASCP)^(CM); Providence, Sacred Heart Medical Center • Janis McClelland, MSDH, RDH, FADHA, Director, Dental Hygiene Program, North Idaho College • Carolyn Shoemaker, PA, Moscow Family Medicine, Gritman Medical Center

11:45 am – 1:15 pm

Lunch (provided); Overflow seating in the Gold/Silver Rooms.

Courtyard

1:15 – 3:30 pm

Faculty & Graduate Student Presentations – Concurrent Sessions

Washington/Idaho/

Palouse

Times	Idaho Room	Washington Room	Palouse Room
1:15 – 1:45 FACULTY	Dr. Cody Smith, BYU-I Title: <i>From Minnows to Metabolic Syndrome: Developing Novel Molecular Diagnostic Tools</i> Chair of Idaho Room	Dr. Bethaney Fehrenkamp, UI Title: <i>Fat Matters: Exploring Adiposity's Role in Inflammation, Beyond BMI</i> Chair of Washington Room	Dr. Heather Ray, ISU Title: <i>Masp1: A new player in ectodermal patterning?</i> Chair of Palouse Room
1:50 – 2:20 FACULTY	Dr. Patrick Hrdlicka, UI Title: <i>The Science and Applications of DNA-Targeting Invader Probes</i>	Dr. Don Warner, BSU Title: <i>Molecular Legos: Building Small Molecules to Inhibit Tumor Metastasis</i>	Dr. Jay Radke, IVREF Title: <i>Interrogating cell signaling pathways and miRNAs during Adenovirus 14p1 lung pathogenesis</i>
2:25 – 2:55 GRADUATE STUDENTS	Caleb Leach, BSU Title: <i>Determining the Neurotoxic Mechanism of Vigabatrin through MALDI Imaging Mass Spectrometry of Retina and Brain Tissue</i>	Sabina Yeasmin, ISU Title: <i>Viral glycoprotein interactions with nicotinic acetylcholine receptors</i>	Michael Morales, UI Title: <i>Real-time phagocytic dynamics of retinal glia</i>
3:00 – 3:30 FACULTY	Dr. Srinath Pashikanti, ISU Title: <i>Stereoselective Synthesis of Sphingoid Based Natural Products and their Biological Significance</i>	Dr. John Thurston, CofI Title: <i>New strategies for addressing quorum sensing in microorganisms</i>	Dr. Jennifer Chase, NNU Title: <i>How a cancer cell responds to insulin</i>

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

3:30 – 3:45 pm

Break

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).

*Moderators: Amy Rice Doetsch, Ph.D., College of Southern Idaho
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](#)

