



New Hampshire Network of Biomedical Research Excellence (NH-INBRE)

Steven N. Fiering, Ph.D.
Project Director

Experience the Art of Biomedical Scientific Discovery

geiselmed.dartmouth.edu/nhinbre

2026 NH-INBRE ANNUAL MEETING August 17, 2026 – August 18, 2026 Omni Mount Washington Resort

Monday, August 17, 2026		Location
8:00 am – 10:00 am	Registration Desk Hours of Operation	Webster/Franklin Foyer
	<i>Poster set up for Monday morning presenters</i>	Grand Ballroom
8:00 am – 10:00 am	Continental Breakfast	Presidential Foyer
10:00 am – 10:15 am	State of the INBRE <i>Steve Fiering, PhD. NH-INBRE PI, Geisel School of Medicine at Dartmouth</i>	Presidential Ballroom
10:15 am – 10:25 am	NH CREATES Introduction <i>Carmela Amato-Wierda, Ph.D. Associate Professor of Chemistry, University of New Hampshire</i>	Presidential Ballroom
10:25 am – 10:40 am	New Hampshire Life Sciences Introduction <i>Andrea Hechavarria President and CEO, New Hampshire Life Sciences</i>	Presidential Ballroom
10:40 am – 11:10 am	A Toxic Relationship: Host-Pathogen Interactions in Cystic Fibrosis. <i>Jennifer Bomberger, PhD. Professor of Microbiology and Immunology, Geisel School of Medicine at Dartmouth</i>	Presidential Ballroom
11:10 am – 11:30 am	BREAK	
11:30 am – 12:30 pm	Poster Session I	Grand Ballroom
12:30 pm – 1:30 pm	Lunch <i>Poster set up for Monday afternoon presenters</i>	Grand Ballroom Foyer
12:30 pm – 1:30 pm	NH-LIFT/NH-INBRE Collaboration Working Group Luncheon	Washington Boardroom
1:30 am – 3:00 pm	Breakout Session I	
<i>Student Track</i>	Journeys and Perspectives: A Career Panel <i>Panelists:</i> <i>Audrey Boraski, Franklin Regional Council of Governments</i> <i>Fiona McEnany, PhD Candidate at Dartmouth College</i> <i>Evan Bennett, MCB program at Dartmouth College</i> <i>Alycia Ashby, Chemistry Teacher at John Stark Regional High School</i> <i>Kate Kiley, Family Medicine Physician, Sports Medicine Fellow at Long Beach Memorial, California</i> <i>Eric Brown, Master Student at Dartmouth College</i> <i>Christina Nishimura, Connecticut Dept of Public Health Laboratory</i> <i>Moderator:</i> <i>Erin Bryant Hall, Cambridge Health Alliance, Cambridge MA</i>	Presidential Ballroom

Geisel School of Medicine North College Street Vail Building Room 805 Hanover, NH 03755

Colby Sawyer College • Community College System of New Hampshire • Dartmouth College

Franklin Pierce University • Keene State College • New England College • Plymouth State University

Rivier University • Saint Anselm College • University of New Hampshire

Faculty/Admin Track	CURE Workshop <u>Moderators:</u> Toyin Asojo, PhD. Professor of Biochemistry & Cell Biology, Associate Director for Inclusive Excellence, Dartmouth Cancer Center Kristen Johnson, PhD. Associate Professor of Life Sciences, University of New Hampshire	Lafayette Room
3:00 pm – 4:00 pm	Student Presentations I (15 Minute Presentations) <u>Investigating the role of ligand-independent glucocorticoid receptor-mediated STING localization in triple negative breast cancer.</u> Eva Adorno-Martinez, Tarullo Lab, Plymouth State University <u>Utilizing 3D-Bioprinted Human Stem Cells for Toxicology Assessments.</u> Caitlyn Santana Corcino, Suh Lab, University of New Hampshire-Manchester campus <u>Adopting the Orphans: A Dual-Barcode Master Key for Human Nuclear Receptors.</u> Nica Alimzhanov, POWERED Student, Sundrud Lab, Dartmouth Cancer Center (5 Minute Flash Talks) <u>Colorectal Cancer Screening Decisions Among Patients with Metabolic Risk: An I-SAM-Guided Qualitative Study.</u> Zoe Butler, IMPACT Student, Gunn Lab, Dartmouth Cancer Center <u>The Effects of Bifidobacterium Longum and Faecalibacterium Prausnitzii on the PMK-1 Inflammatory Pathway in Colitis-Induced Caenorhabditis Elegans.</u> Alexa Zambarano, Foster Lab, Trinity College <u>Utilization of Bottlebrush Polymers for XDC Delivery.</u> Jason Taylor, Nguyen Lab, IMPACT Student, Thayer School of Engineering at Dartmouth.	Presidential Ballroom
4:00 pm – 4:15 pm	BREAK	
4:00 pm	Hotel Check in Open	Lobby
4:15 pm – 5:15 pm	Breakout Session II	
Student Track	Launch Your Future: Skills and Possibilities 4:15pm – 4:45pm: Interview and Resume Preparation <u>Speaker:</u> Alycia Ashby , Chemistry Teacher at John Stark Regional High School 4:45pm – 5:15pm: Career Possibilities: Project Management <u>Speaker:</u> Audrey Boraski , Franklin Regional Council of Governments	Presidential Ballroom
Faculty/Admin Track	Biosafety Panel <u>Moderators:</u> Erik Pietrowicz Research & Biological Safety Officer, Dartmouth College Dana Buckley Biological Safety & Security Officer, University of New Hampshire	Jefferson Room

<i>Faculty/Admin Track</i>	Human Subjects and Clinical Trials <i>Sheila Ryan, PhD, JD, MPH</i> <i>Vice President, Research Operations, Dartmouth Health</i> <i>Ann O'Hara,</i> <i>Director Dartmouth Committee for the Protection of Human Subjects</i>	Reagan Room
4:15pm – 5:15 pm	Steering Committee Meeting	Washington Boardroom
5:15 pm – 6:00 pm	BREAK	
5:15 pm – 6:00 pm	Headshots	Washington Boardroom
6:00 pm – 7:00 pm	Poster Session II	Grand Ballroom
7:00 pm – 8:30 pm	Dinner Buffet and Networking	Presidential Garden
8:00 pm – 8:30 pm	Headshots	Washington Boardroom
8:30 pm – 10:30 pm	PUB TRIVIA <i>(Students and Faculty)</i>	Presidential Ballroom

Tuesday August 18, 2026		Location
7:00 am – 8:30 am	Check out – Luggage storage behind INBRE registration desk	Webster/Franklin Rooms
7:00 am – 8:30 am	<i>Poster set up for Tuesday Presenters</i>	Grand Ballroom
7:30 am – 8:30 am	Breakfast	Presidential Ballroom
8:30 am – 9:00 am	EMBEDDED NH: Research opportunities integrating Ecology, Genomics and AI to understand tick-borne disease. <i>Kelley Thomas, PhD.</i> <i>Professor of Molecular, Cellular, and Biomedical Sciences</i> <i>University of New Hampshire</i>	Presidential Ballroom
9:00 am – 10:00 am	Poster Session III	Grand Ballroom
10:00 am – 10:15 am	Break	
10:15 am – 10:45 am	Breakout Session III	
<i>Student Track</i>	10:15am – 10:30am: Mentorship Experiences <u>Speaker:</u> <i>Evan Bennett, MCB program at Dartmouth College</i> 10:30am – 10:45am: NH-INBRE Mentoring Program <i>Why it matters, how to use it, and anecdotal experiences</i> <u>Speaker:</u> <i>Erin Bryant Hall, Cambridge Health Alliance, Cambridge MA</i>	Presidential Ballroom
<i>Faculty/Admin Track</i>	NH CREATES <i>Carmela Amato-Wierda, PhD</i> <i>NH CREATES PI, Associate Professor of Chemistry, University of New Hampshire-Durham Campus</i>	Jefferson Room

10:45 am – 11:00 am	Break	
11:00 am – 11:30 am	Acute Effects of Moderate Exercise Intensity on Prefrontal Cortex Oxygenation and Cognitive Flexibility. <i>Kell Grandjean da Costa, PhD.</i> <i>Assistant Professor of Exercise Science</i>	Presidential Ballroom
11:30 am – 12:30 pm	Student Presentation II (15 Minute Presentations) <u>Investigating Regulation of H3.3 during Drosophila Oogenesis.</u> Dhruv Penumatsa, Amodeo Lab, Dartmouth College <u>Climatic, Ecological, and Geographical Predictors of Hospital-Diagnosed Lyme Disease in New Hampshire.</u> Sophie Nadeau, Lutz Lab, Colby-Sawyer College <u>Use of Local Pain Management Options in Colposcopy and Cervical Biopsy to Improve the Patient Experience.</u> Jaclyn Goyette, Howland Lab, Dartmouth Health (5 Minute Flash Talks) <u>Property-guided generative design of a PETase for low-pH activity: a general framework for engineering proteins with targeted properties.</u> Madelyn Adamic, Burgin Lab, Thayer School of Engineering at Dartmouth. <u>Bioinformatics and Biosynthesis: Genome-Guided Elicitor Design Across Two Soil-Dwelling Bacteria Reveals a Pipeline for Inducing Gene Cluster Expression and Antimicrobial Metabolite Production.</u> Mackenzie McDonald, Koziol Lab, New England College <u>Validating Naturalistic Contrastive Focus Tasks for Clinical Prosodic Assessment.</u> Isabella Yapoujian, Thorson Lab, University of New Hampshire-Durham Campus	Presidential Ballroom
12:30 pm – 12:45 pm	Farewell <i>Poster Awards</i>	Presidential Ballroom
12:45 pm	Lunch to go	Presidential Foyer
1:00 pm – 2:00 pm	Headshots	Washington Boardroom
1:00 pm – 2:00 pm	2026 Dartmouth iSURF Focus Group	Reagan Room
1:00 pm – 2:00 pm	Executive Committee Meeting	Jefferson Room
CONFERENCE CONCLUDES		