

**2025 JUMP into STEM Lab Day Agenda
January 30-31, 2025**

Day 1: Thursday, January 30, 2025

Research Support Facility (RSF), National Renewable Energy Laboratory (NREL)

Mountain Time	Event	Lead
7:30 AM	Meet in Lobby of Denver West Marriott for NREL Shuttle	NREL
8:00-8:30 AM	Check in at NREL/Breakfast	NREL
8:30-8:45 AM	Welcome to NREL	Dr. Kim Trenbath, NREL Dr. John Farrell, NREL
8:45-9:00 AM	Lab Day Overview	Dr. Kim Trenbath, NREL
9:00-9:30 AM	NREL and ORNL Overview	Dr. Achilles Karagiozis, NREL Dr. Yeonjin Bae, Oak Ridge National Laboratory (ORNL)
9:30-10:30 AM	Student "About Me" Introductions	Dr. Nehemiah Emaikwu, NREL
10:30-10:40 AM	Break	
10:40-12:25 PM Concurrent Sessions	STUDENTS Early Career Panel and Networking	Dr. Achilles Karagiozis (moderator) Panelists: Dr. Naveen Muthumanickam Nicole Lantonio Amy Van Sant Dr. Yasser El Masri
	PROFESSIONALS Innovation in Academia, Industries, and the National Laboratories: R&D to Commercialization	Dr. Kim Trenbath, NREL Dr. Nehemiah Emaikwu, NREL Dr. Yeonjin Bae, ORNL Dr. Roderick Jackson, NREL
12:25-1:10 PM	Lunch & Networking	NREL
1:10-1:25 PM	JCI Sponsor Presentation & Continue Lunch	Mark Lessans, Johnson Controls International
1:25-1:35 PM	Group Photo	NREL
	STUDENTS	Hosts: Ben Bruxvoort, Willy Bernal Laboratory Leads: Jim Bosch, Bethany Sparn, Dr. Bob Bell, Dr.

1:35-3:05 PM Concurrent Sessions	NREL Laboratory Tours – Energy Systems Integration Facility (ESIF) & Research Support Facility (RSF)	Haley Hoover, Dr. Naveen Muthumanickam
	PROFESSIONALS NREL Laboratory Tours – Energy Systems Integration Facility (ESIF) & Research Support Facility (RSF)	Hosts: Dr. Kim Trenbath, Dr. Nehemiah Emaikwu Laboratory Leads: Jim Bosch, Bethany Sparn, Dr. Bob Bell, Dr. Haley Hoover, Dr. Naveen Muthumanickam
3:05-3:20 PM	Break	
3:20-4:50 PM Concurrent Sessions	STUDENTS Industry Connections Networking Session	Allison Georgeson, NREL Ben Bruxvoort, NREL
	PROFESSIONALS Innovation in Action: National Laboratories and Academia Working Together to Foster the Next Generation	Dr. Nehemiah Emaikwu, NREL Dr. Kim Trenbath, NREL Dr. Rob Tenent, NREL Dr. Jason Woods, NREL Danelle Wilder, NREL Dr. Jackson Gainer, ORNL
4:50-5:00 PM	Overview of Friday Events/Adjourn	Dr. Kim Trenbath, NREL
5:00-6:00 PM	Student Dinner	NREL
6:00-8:00 PM	Optional: Professionals No-Host Dinner	

Day 2: Friday, January 31, 2025

Research Support Facility (RSF), National Renewable Energy Laboratory

Mountain Time	Event	Lead
8:00 AM	Meet in Lobby of Denver West Marriott for NREL Shuttle	NREL
8:30-9:05 AM	Check in at NREL/Breakfast	NREL
9:05-9:30 AM	Welcome and NREL Leadership Remarks	Dr. Kim Trenbath, NREL Dr. Roderick Jackson, NREL
9:30-10:00 AM	Industry Sponsor Presentations – Clayton Home Building Group and Siemens	Gavin Mabe, Clayton Home Building Group Dr. Nikitha Radhakrishnan, Siemens
	STUDENTS	Hosts: Allison Georgeson, Ben Bruxvoort

10:00-11:30 AM Concurrent Sessions	NREL Laboratory Tours – Research and Innovation Laboratory (RAIL), Thermal Testing Facility (TTF) & Modular Testing Site	Laboratory Leads: Caroline Kelley, Nick Cindrach, Eric Kozubal
	PROFESSIONALS NREL Laboratory Tours – Research and Innovation Laboratory (RAIL), Thermal Testing Facility (TTF) & Modular Testing Site	Hosts: Dr. Nehemiah Emaikwu Laboratory Leads: Caroline Kelley, Nick Cindrach, Eric Kozubal
11:30-12:00 PM	Career Development at a National Lab	Marcus Giron, NREL
12:00-1:00 PM	Lunch	NREL
1:00-2:00 PM Concurrent Sessions	STUDENTS Research Experiences with NREL Staff	Willy Bernal, David Goldwasser, Omkar Ghatpande, Dr. Thomas Freeman, Dr. Paul Meyer, Dr. Maryam Alahmar, and others
	PROFESSIONALS Self-established, optional meetings with researchers	
2:00-2:15 PM	Reconvene and Wrap Up	Dr. Kim Trenbath, NREL
2:30 PM	Scheduled shuttle to Denver West Marriott	
2:30 – 4:00 PM	PROFESSIONALS Self-established, optional meetings with researchers	Shuttle on-demand available until 4:00 PM. Call 303-275-3111 to schedule the shuttle. Pick up spot: outside RSF.

Organizers



Sponsors



15013 Denver West Parkway
Golden, CO 80401
Phone 303-275-3000

NREL is a national laboratory of the U.S. Department of Energy
Office of Energy Efficiency & Renewable Energy
Operated by the Alliance for Sustainable Energy, LLC

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