

**Welcome to Louisville, KY  
and the  
Year 9 NSF NNCI Annual Meeting  
University of Louisville  
Oct 28-30, 2024**

**108  
Registered  
for our  
Event !!!!!**



# First Things First

**Let's answer the number 1  
question on everyone's mind!**

# How do you Pronounce this Darn City?



<https://www.youtube.com/watch?v=1sugAurdJ3g>



**LOUISVILLE**

# Some Louisville Fun Facts

In 1934, the first recorded instance of a cheeseburger being served was at Kaelin's Restaurant in Louisville. The owner, Carl Kaelin, trademarked the name "cheeseburger" and the rest is history.

The world's largest baseball bat resides in Louisville at the Louisville Slugger Museum & Factory. It stands at 120 feet tall and weighs 68,000 pounds.

The "Old Fashioned" cocktail was first created in Louisville in the 1880s. It was invented at the Pendennis Club by a bartender named James E. Pepper.

Louisville is home to the Kentucky Derby, which is the longest-running sporting event in the country dating back to May 17, 1875. Churchill Downs fits over 160,000 spectators.

The oldest operating Mississippi-style steamboat is in Louisville – the Belle of Louisville is over 100 years old!

Famous Louisvillians include the legendary boxer Muhammad Ali, news reporter Diane Sawyer, actress Jennifer Lawrence, and singer Jack Harlow. Louisville is also where Tom Cruise went to high school and Lamar Jackson went to college.

And most importantly, Kentucky accounts for 95% of the global production of Bourbon, with Louisville contributing to one-third of that amount.



# Let's Thank Some Key Individuals!



David Gottfried



Amy Duke



Leslie O'Neill



Matt Hull (I&E)



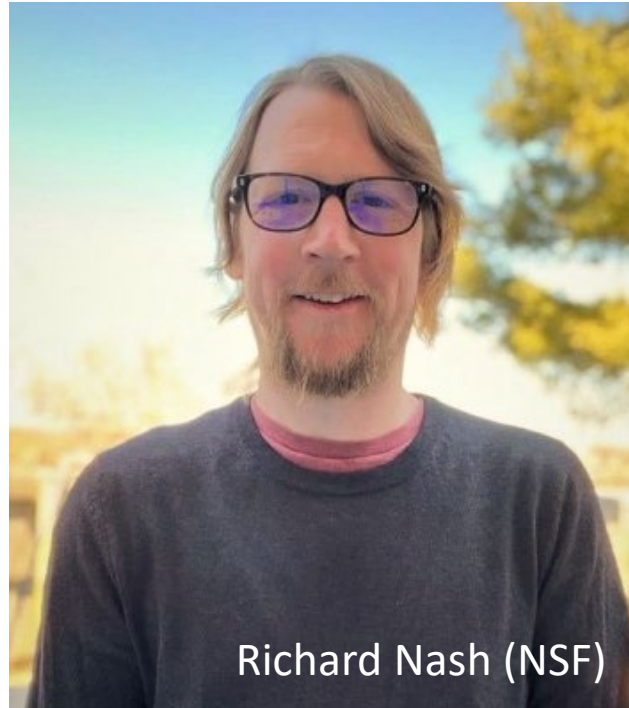
Jamey Wetmore (SEI)



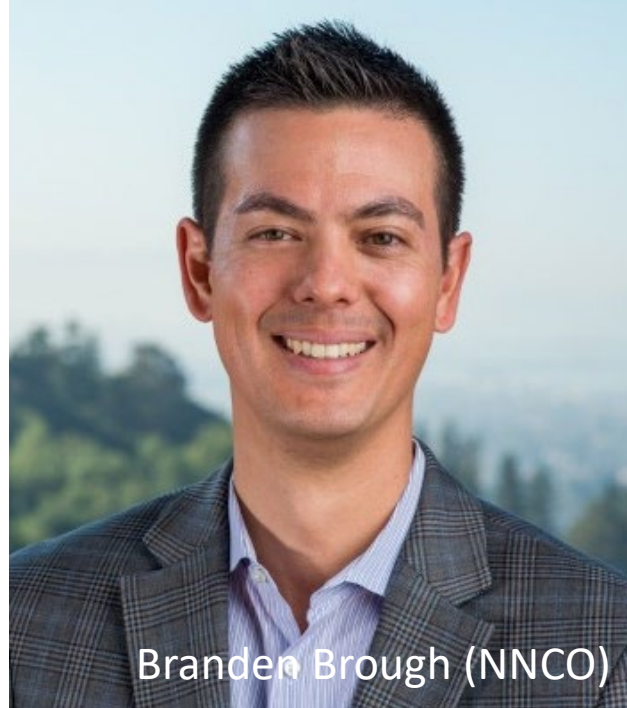
Mikkell Thomas (E&O)

**Thank You!**





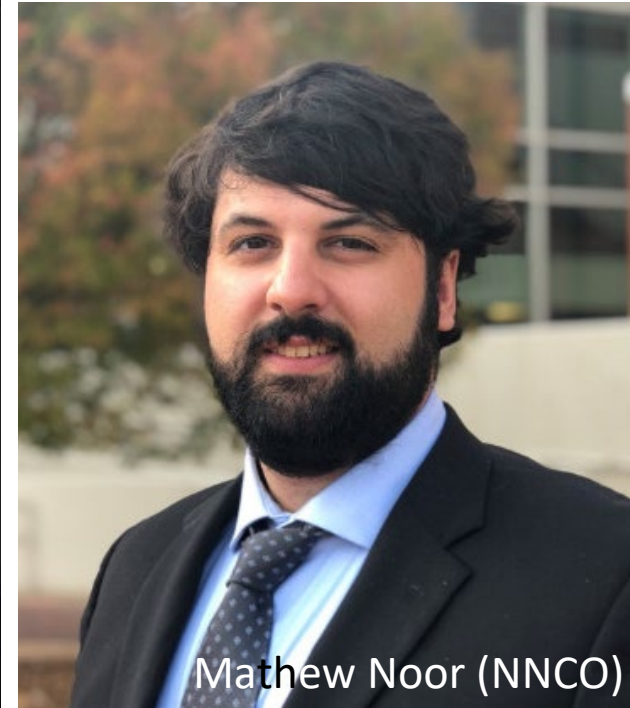
Richard Nash (NSF)



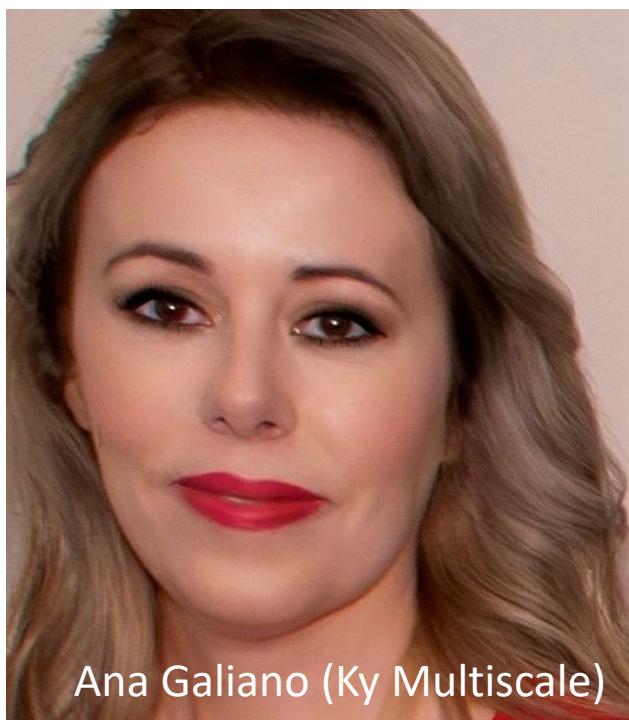
Branden Brough (NNCO)



Quinn Spadola (NNCO)



Mathew Noor (NNCO)



Ana Galiano (Ky Multiscale)



Jacqui Smith (UofL)

**Thanks!**



National Nanotechnology Initiative

UNIVERSITY OF  
**LOUISVILLE**

**I'd like to also recognize the other  
KY Multiscale Attendees**



# Our Meeting Venue



# Agenda, Tuesday Morning

8:00 - 8:30 am	<b>Registration &amp; Breakfast</b>
8:30 - 8:45 am	Conference Welcome and Overview (Kevin Walsh)
8:45 - 9:00 am	Richard Nash (NSF)
9:00 - 9:15 am	Quinn Spadola (NNCO)
9:15 - 10:15 am	NNCI Coordinating Office Report (David Gottfried)
10:15 - 10:45 am	<b>Break</b>
10:45 - 11:45 am	NNCI Associate Director Reports (Hull, Thomas, Naeemi, Wetmore)
11:45 - 12:15 pm	<b>Group Photograph (PLEASE GATHER IN THE ATRIUM!)</b>
12:15 - 1:15 pm	<b>Lunch</b>

# Agenda, Tuesday Afternoon

**1:15 - 4:00 pm**

**Partnerships and Synergies between NSF NNCI and DOE NSRCs**

Moderated by Branden Brough of NNCO

**1:15 - 2:15pm NSRC Overviews**

**2:15 - 2:45pm Panel Discussion**

**2:45 - 3:15pm Break**

**3:15 - 4:15pm Breakout Session Topics**

1. Reciprocal user access and support
2. National research capabilities database
3. Annual nano infrastructure conference
4. Joint webinars/seminars and other outreach activity

**4:15 - 4:35 pm**

**Breakout Groups Report Out**

**4:45 – 5:15 pm**

**Optional Tour of MNTC Cleanroom (meet in Atrium)**

**6:30 – 9:00 pm**

**Reception and Awards at the Derby Museum**



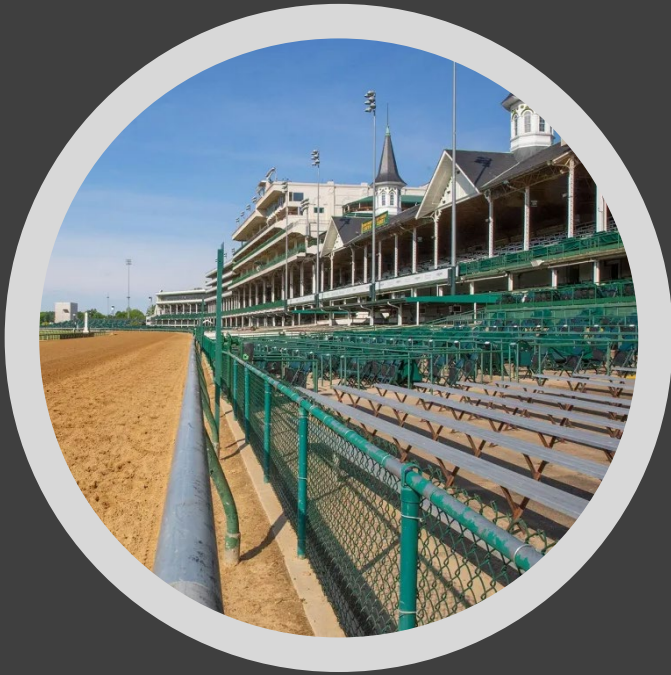
Oct 29 @ 4:45pm  
Join the Tour to  
MNTC Cleanroom

Shumaker Research Bldg.

A 5 min walk from Speed Art Museum







# Night at the Derby Museum – Oct 29 6:30pm to 9:00pm

Transportation from Homewood  
Suites leaves at 6:00pm & 6:20pm.



# Agenda, Wednesday Morning

8:00 - 9:00 am

Breakfast

8:00 - 9:00 am

**Site Directors Meeting with CO (Private @ Speed Cinema)**

9:00 - 10:15 am

**Site Reports and Panel 1**

“What are you doing now and how can a future infrastructure better reach out to underserved communities (for example, rural areas, underrepresented groups, or low research activity institutions)?”

***CNF, RTNN, NCI-SW, NNF, Lead: Judy Cha***

10:15 - 11:30 am

**Site Reports and Panel 2**

“For NNCI Research Communities, what worked, what didn’t, and what are suggestions for what a future network might implement to support national priority research topics?”

***NanoEarth, ShyNE, NNI, MANTH, Lead: Tonya Pruitt***

11:30 - 12:30 pm

Lunch

# Agenda, Wednesday Afternoon

12:30 - 1:45 pm

## Site Reports and Panel 3

“What role do community/technical colleges play in your education and workforce development strategy and what role should they play in a future infrastructure network?”

***KY Multiscale, SENIC, Stanford, MiNIC, Lead: Sara Ostrowski***

1:45 - 3:00 pm

## Site Reports and Panel 4

“How does your NNCI site support translation of research to the commercial sector and what more could be done?”

***TNF, SDNI, MONT, CNS, Lead: David Dickensheets***

3:00 - 4:00 pm

Networking Break (Grand Hall)

**NNCI EAB Private Meeting (Speed Cinema)**

4:00 - 4:30 pm

NNCI EAB Oral Report

4:30pm

Wrap Up and Adjourn Meeting

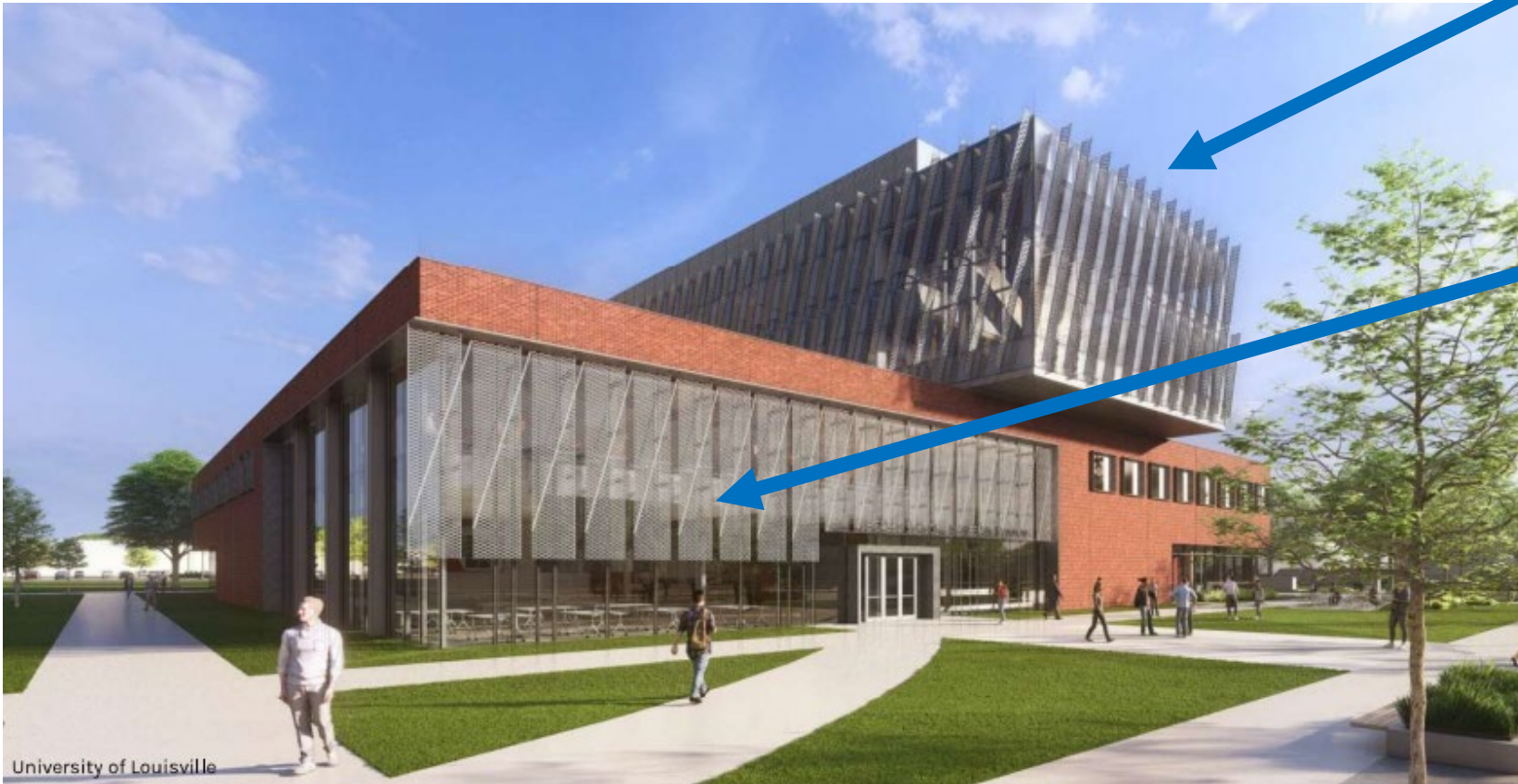


# UofL \$90M 120,000 sq ft New Eng Bldg Opens Fall 2025

**Upcoming Announcement:** a national search for the *Director of our Conn Center for Renewable Energy and Materials* (Endowed Faculty Position)

1/3 Research – Consolidation of the Conn Center for Renewable Energy and Materials (\$40M)

2/3 Student Success – Admissions, Recruiting, Advising, Engagement, Retention, Study Spaces, Classrooms, RSOs, New Maker Space, Competition Teams, Social Space, Café, etc





# Enjoy the Year 9 NNCI Meeting in the City of..

LOOAVUL  
LUHVAL  
LOUEVILLE  
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LOOEYVILLE

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# DAY 3

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# Welcome back to the 2024 9<sup>th</sup> Annual NSF NNCI Annual Meeting

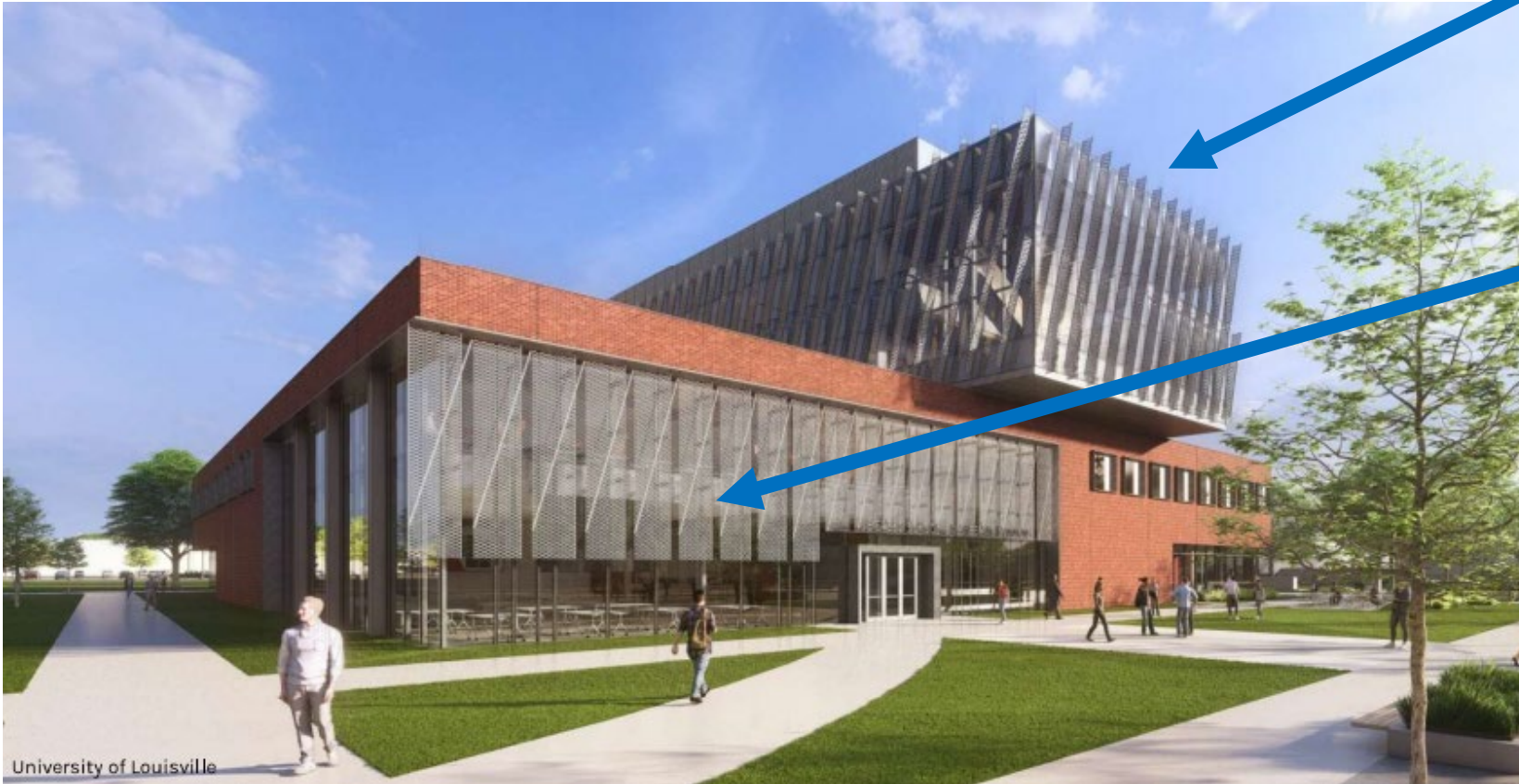


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# University of Louisville

Established: 1798  
Student Body: 23,194 (Fall 2021)  
Faculty and Staff: 7,016  
Alumni: More than 169,000  
Operating Budget: \$1.3 billion  
Endowment: \$985 million (FY 2021)  
Federal Funding: \$95.4 million (FY 2021)  
Athletic Conf: Atlantic Coast Conference  
Mascot: Cardinal

Nanotechnology  
Cleanroom located  
here!!



New Student Success Academic Building



JB Speed School of Engineering



L&L Cardinal Football Stadium



KFC YUM! Basketball Center