#### **NNCI Education and Outreach**

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#### NNCI Education and Outreach Mission

- Offer education and training to address the growing need for a skilled workforce and informed public
- Provide resources, programs, and materials to enhance knowledge of nanotechnology and its application to realworld issues
- Support the US economy by enabling a STEM-literate workforce ready to meet the technological challenges of a nano-enabled economy as well as an informed citizenry that supports continued and safe growth of nanotechnologies



#### NNCI E&O



August 2022 - July 2023
Reached over **32,000** people through in-person and virtual activities

Does not include another 118,000:

- Museum Exhibit (NNF)
- Online Courses (RTNN, Stanford)
   or Nanooze (CNF)

Improvement from 9,000 last year

#### NNCI E&O

Audience		Last Year	This Year
K-12 Students	Remote Sessions	10,700	19,900
	Class Trips		
	Camps		
	Tours		
K-12 Teachers	Workshops	1,100	2,200
	Conferences		
	RET		
General Public	Festivals	1,700	8,200
	Science Days		
	NND Events		
Students and Professionals	Student Interns	9,500	10,300
	REU		
	Short Courses		
	Conferences		
	Seminars		



#### NNCI E&O: External Collaborations

























#### NNCI E&O: K-12 Students

















#### NNCI E&O: Educators









### NNCI E&O: Undergraduates









#### **NNCI E&O: Professionals**





WELCOME!

#### The 3rd Annual Women In Microscopy Conference

March 8, 2023

Thank you to everyone who attended the conference! It was a joy to be surrounded by such amazing and inspiring speakers, panelists, and attendees from around the world. The Committee is already planning for 2024.

Read about the 2023 conference on the NUANCE website!

Welcome to the third annual Women in Microscopy conference hosted by the NUANCE Center and Microscopy Society of America Student 2023 CONFERENCE VIDEO

Check out the conference video on the NUANCE

While there, browse our other workshop, educational





Women in Microscopy Conference



#### NNCI E&O: General Public

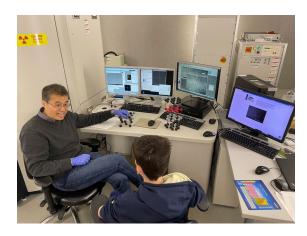












#### ATLANTA SCIENCE FESTIVAL...

engineered by SCIENCE ATL



#### NNCI E&O: General Public

- Partnership between MONT and the Science Education Resource Center (SERC)
- Added new K-I2 resources over the past year
- Website saw a 40,000 increase in visits from the previous year
- Teaching pages saw an 11% growth in page visits.



#### Carleton College Nanotechnology in STFM Website



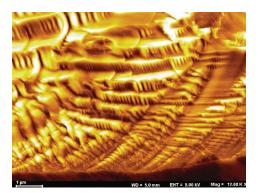
#### Lessons From COVID-19

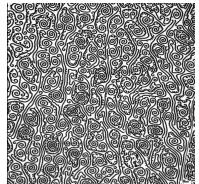
- Multiple site have made workshops virtual.
  - Site have seen an increase in attendance and an increase in their service area
- Multiple sites have added remote training for their tool sets
  - Prepares users prior to their arrival in the lab and smooth their transition to the facility.
- Conferences and seminars are offered virtually and have been archived for viewing at a later time on sites' social media.
- Sites improved their delivery and became more efficient in their teaching methods
  - Feedback during the pandemic allowed sites to make these improvements



#### Plenty of Beauty at the Bottom 2023

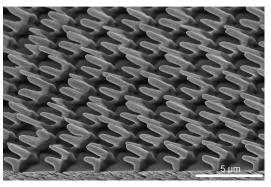
## Most Stunning SENIC/MiNIC

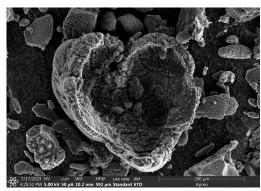




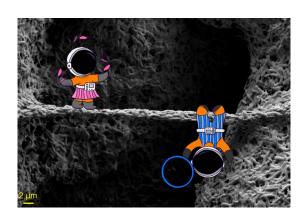
Most Whimsical Stanford/MONT

#### Most Unique Capability KY Multiscale/Stanford











# Thank You! Questions?

