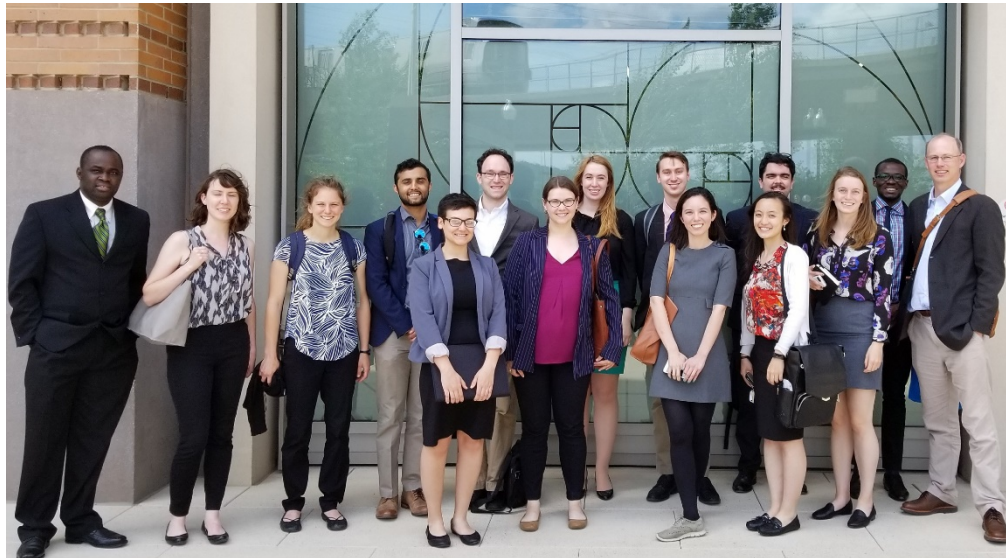


2020 NNCI Conference: Monday, October 26

# Update on Societal and Ethical Implications work in the NNCI



National Nanotechnology  
Coordinated Infrastructure



# SEI in the NNCI

Working toward the daunting goal outlined in the  
**21<sup>st</sup> Century Nanotechnology R&D Act:**

“integrating research on societal, ethical, and environmental concerns with nanotechnology research and development, and ensuring that advances in nanotechnology bring about improvements in quality of life for all Americans”

# SEI in the NNCI



LeeAnn Kahlor  
TNF



David Berube  
RTTN



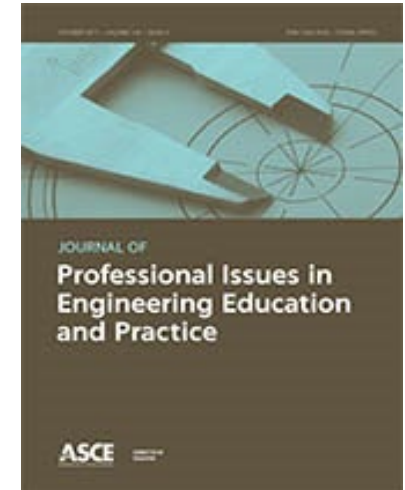
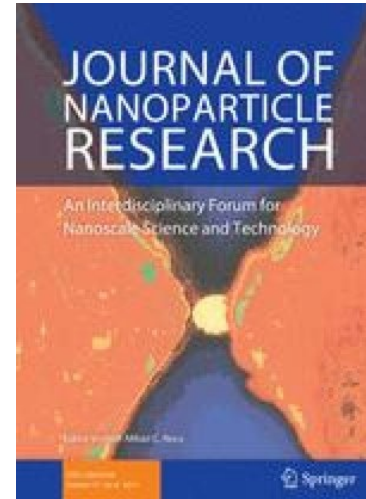
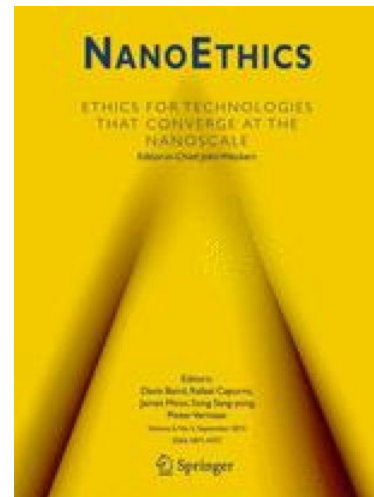
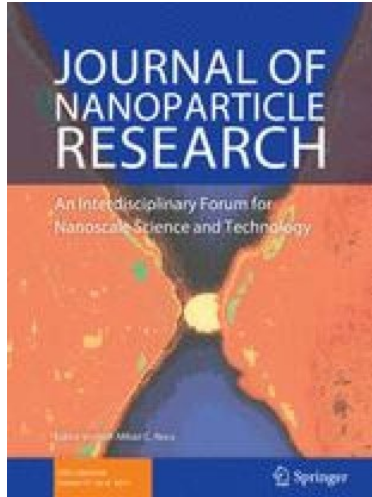
Jan Youtie  
SENIC



Jamey Wetmore  
NCI-SW

This team develops independent research and training programs and works to support the rest of the NNCI sites that want to work SEI programs into their sites.

# SEI in the NNCI



“Social Science and infrastructure networks and the human-technology interface,” D.M. Berube et al. 2020

Development and Pilot Testing of an Evidence-Based Training Module for Integrating Social and Ethical Implications into the Lab,” LA Kahlor et al., 2019

Updating a search strategy to track emerging nanotechnologies, J. Youtie et al. 2019

“Teaching Community Engagement to Engineers via a Workshop Approach” – JM Wetmore et al. 2019

# SEI in the NNCI

Years 6-10



National Nanotechnology  
Coordinated Infrastructure



# SEI in the NNCI



LeeAnn Kahlor – University of Texas

Developing a Website to support SEI training and communication

Conference in year two in SEI training and communication (virtual or in-person?)

# SEI in the NNCI



David Berube  
NC State

Jan Youtie  
Georgia Tech



## Measuring the NNCI's Impact

Breakout session from  
3:30-4:30pm EDT today

# SEI in the NNCI



## SEI at NCI-SW and the Coordinating Office

Linking with NNCI  
education efforts to  
integrate more SEI





# SEI in the NNCI

## Science Outside the Lab

Our week-long immersion in science policy and social aspects of nanotechnology for graduate student scientists and engineers



14 NNCI graduate students from 10 NNCI sites accepted for 2020 program.

2020 program postponed to Summer 2021.

Plan to run two parallel programs next year

Launching SEI Ambassador Program next year

# SEI in the NNCI

## Winter School on Social Studies of Emerging Technologies

7<sup>th</sup> program (4<sup>th</sup> sponsored by NNCI)

Over 100 alumni of the program

Annual meet ups of alumni

2017 alums: 3 now postdocs;

6 tenure track faculty; 1 senior consultant at Deloitte,  
1 senior development engineer at a nano start up.

2021 will be used to reconfigure the program



# SEI in the NNCI

## NNCI SEI Annual Workshop

Noon-2pm EDT this Wednesday

Join us to get deeper updates on the SEI activities and ways to get more involved in them.