

# *Deformation from Molecules to Continua*

## honoring Mary C. Boyce

2024 Recipient of the Benjamin Franklin Medal in Mechanical Engineering



**APRIL 18, 2024**

9:30 AM - 12:30 PM

Glandt Forum

Singh Center for  
Nanotechnology

3205 Walnut Street  
Philadelphia, PA 19104

*This event is free and open to  
the public. Seats are limited.*

### **200th Anniversary Sponsors**

Hess Foundation



**ELLEN ARRUDA**, *University of Michigan*  
"Mechanics of Soft Biological Tissues"

**H. JERRY QI**, *Georgia Institute of Technology*  
"Polymer Mechanics and 4D Printing"

**MEREDITH SILBERSTEIN**, *Cornell University*  
"Coupling Mechanics, Chemistry, and Biology to  
Understand and Control Polymer Functionality"

**HANSOHL CHO**, *Korea Advanced Institute of Science  
& Technology*

"Mechanics of random microstructures: from  
polymers and crystalline metals to architected  
materials"

**MARY C. BOYCE**, *Columbia University*  
"Molecular and Micro-Structural Mechanics and  
Design of Soft Materials"

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Engineering mechanics has played a central role in the development of critical technologies over the last century including aerospace, automotive, energy and micro-electronics. The talks in this symposium demonstrate the continued centrality of mechanics to emerging materials and technologies in problems spanning from molecular to continuum scales.

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**Register:** <https://forms.gle/EC16gZMBokm5aDXd9>

**Website:** <https://www.me.upenn.edu/boyce-symposium/>

Contact [boycesymposium@seas.upenn.edu](mailto:boycesymposium@seas.upenn.edu) with questions