

16<sup>th</sup> ANNUAL PLANT BIOLOGY INITIATIVE SYMPOSIUM

# Research *in* the Living Collections of Arboreta and Botanical Gardens

Monday, May 2 – Tuesday, May 3, 2022  
Weld Hill Research Building, Arnold Arboretum

## May 2, 2022: Day 1

- 12:15-12:45**      **REGISTRATION**
- 12:45– 1:00      Introduction: William Friedman, Harvard University
- 1:00 – 1:30      **Michael Donoghue**, Yale University. *Botanical revelations from the Arnold Arboretum: Viburnum, Lonicera, and other Dipsacales*
- 1:30 – 2:00      **Jessica Savage**, University of Minnesota, Duluth. *Arboreta in bloom: How spring is shaped by differences in species' physiology*
- 2:00 – 2:30      **Patrick Griffith**, Montgomery Botanical Center. *The science of living collections: Examples from a tropical palmetum*
- 2:30 – 3:00      BREAK
- 3:00 – 4:00      **Keynote: Richard B. Primack**, Boston University. *The growing and vital role of botanical gardens in climate change research*
- 4:00 – 5:30      Tours of the Arnold Arboretum
- 6:00 – 8:00      Dinner for Attendees

## May 3, 2022: Day 2

- 12:30-1:00**      **REGISTRATION**
- 1:00 – 1:30      **Pamela Templer**, Boston University. *Imagining future forests of the Northeastern U.S. using the living collections at the Arnold Arboretum*
- 1:30 – 2:00      **Andrew Leslie**, Stanford University. *Ontogeny, function, and morphological diversity in conifer cones*
- 2:00 – 2:30      **Lorna J. Gibson**, MIT. *Structure and mechanics of bamboo*
- 2:30 – 3:00      BREAK
- 3:00 – 4:00      **Keynote: Susanne Renner**, Washington University. *New perspectives on tree growth, the timing of autumn leaf shedding, and the global uptake of carbon from experiments in a botanical garden*
- 4:00 – 6:00      Poster Session and Reception