



BIO-ART

HANDS-ON WORKSHOP SERIES

March 21–24, 2023

Dyeing and **printing** textiles
with **bugs** and **bacteria**

Spaces
Limited!
Sign up ASAP:
thu@tamu.edu

Students and faculty are invited to sign up by email (thu@tamu.edu) for the cochineal insect sequence, the bacteria sequence, or both!



Naomi Rosenkranz
Center for Science and Society,
Columbia University

Dyeing with Cochineal Insects

Conservation Lab, Evans Annex, 4th floor, Rm 3.419

Part I: Tuesday, March 21, 12:30–2:00 PM

Prepare insects, mordants, and textile samples for dyeing on Thursday. Featuring a 30-min presentation on the chemistry of natural dyes, with a focus on cochineal, a tiny parasite on the prickly pear cactus that has had a huge impact on the global economy.

Part II: Thursday, March 23, 12:30–2:00 PM

Dye textile samples with the materials you prepared on Tuesday.



Printing with Bacteria

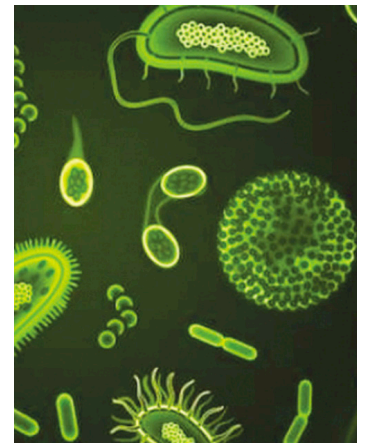
Biology Lab, Heldenfels Hall, Rm 205

Part I: Wednesday, March 22, 10:30 AM–12:00 PM

Paint agar plates with colored bacteria, to be incubated in preparation for printing on Friday. Featuring a 30-min presentation on the history and biology of agar art and direct dyeing with bacteria. Participants must sign a consent form detailing lab safety guidelines.

Part II: Friday, March 24, 1:00–2:30 PM

Print and fix on fabric the bacteria cultures you prepared on Wednesday.



Dr. Donna Janes
Department of Biology,
Texas A&M University



Co-Hosted by the School of Performance, Visualization & Fine Arts and the Department of Biology, College of Arts & Sciences

Sponsored by the PVFA Graduate Program Committee and the Academy for the Visual and Performing Arts