

CAS Associates and Fellows Noonhour Presentations

Bring your lunch for a noonhour exploration of some of the best scholarship produced at the University of Illinois.

12:00 Noon

Music Room

Levis Faculty Center, Suite 200
919 West Illinois Street, Urbana
University of Illinois at Urbana-Champaign

Free and open to the public.
cas.illinois.edu

FRIDAY, MARCH 8, 2019

Amy Wagoner Johnson

Department of Mechanical Science and
Engineering, Associate 2017-18

How Can Materials and Coral Restoration Scientists Converge to Save Coral Reefs?



With an estimated annual global value of \$1T, coral reefs are critical to food security, shoreline protection, biodiversity, tourism, and jobs. Yet corals have suffered widespread global mortality in

the last 50 years due to threats that include thermal stress, overfishing, algal overgrowth, pollution, disease, dredging, and changing water chemistry. This presentation will describe the early stages of work by the team of materials and mechanical engineers, bio-geologists, microbiologists, and coral reef scientists and how their efforts in convergence research will advance techniques used in coral reproduction and restoration.