Science and Mathematics 2016 Colloquium Series



"Drought, Dispersal and Community Dynamics in Arid-Land Streams"





Everyone welcome! Wednesday March 2, 2016

3:00-4:00 Refreshments 2:45

Cooley Ballroom A

Michael Bogan

University of Arizona School of Natural Resources and the Environment

Arid-land streams are dynamic environments that experience dramatic floods and epic droughts. Despite these challenges, many arid-land streams support highly diverse aquatic communities. However, these species must have life histories or behaviors that allow them to resist or bounce back from these harsh disturbance events. In my research, I focus on how drought, dispersal, and local habitat factors shape biodiversity in arid-land streams. My overarching goal is to understand these dynamic ecological processes so that we can conserve the rich biological heritage of our region.

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