



University of Minnesota, Twin Cities  
& University of Minnesota, Morris

## Joint Symposium

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# BIOLOGY IN THE 21<sup>ST</sup> CENTURY: COMPLEX CONCEPTS, AMAZING OPPORTUNITIES

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## Friday, February 19, 2016

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### EVOLUTION AND SEX: WHAT'S THE CONNECTION (IF ANY)?

1–1:50 p.m., Science 2950

How should we understand human sexual behavior in light of evolutionary biology? Does it tell us anything counterintuitive? Do studies of other animals tell us anything about ourselves?

Panelists: Mark Borrello (Twin Cities), Dan Demetriou (Morris), Marlene Zuk (Twin Cities)

### DID MY MICROBIOME MAKE ME DO IT?

2–2:50 p.m., Science 2950

Do the communities of microbes we host change our behavior without us knowing it? What does it mean to be an individual human when we are composed mostly of microbial cells?

Panelists: Alan Love (Twin Cities), Kristin Mickelson (Morris), Michael Travisano (Twin Cities)

### REFRESHMENTS AND ROUNDTABLE DISCUSSIONS

3–3:50 pm., University Room, Student Center

Roundtable discussions: What is graduate or professional school, and why would I want to go? What is it like to be minority in the sciences? Why should I care about the history and philosophy of biology?

### WHAT IS BIODIVERSITY, AND HOW CAN WE CONSERVE IT?

4–5 p.m., Science 2950

How do we measure biodiversity? Which measures are relevant for trying to save or conserve it? Is it possible that we are missing important features in our calculations of what to preserve?

Panelists: Clement Loo (Morris), Georgiana May (Twin Cities), Ruth Shaw (Twin Cities), Emilie Snell-Rood (Twin Cities)

### CLOSING RECEPTION

5:10–6 p.m., Alumni Room, Student Center

Continuing the conversations