



Transformational Teaching & Learning Conference

“Active and Inclusive Engagement”

SARA BROWNELL

2019 KEYNOTE SPEAKER

TILC.TAMU.EDU

MAY 2ND | 11:30 AM - 1:30 PM | BALLROOM
TAMU HOTEL AND CONFERENCE CENTER

Dr. Sara Brownell received her Ph.D. in Biology and her M.A. in Education, both from Stanford University. She is currently an Associate Professor at Arizona State University and her research aims to improve undergraduate biology education with an emphasis on promoting diversity and inclusion.



TOWARDS MORE INCLUSIVE ACTIVE LEARNING CLASSROOMS: HOW GROUPS OF STUDENTS ARE DIFFERENTIALLY IMPACTED BY ACTIVE LEARNING

To what extent do students experience college active learning classrooms differently because of their social identities? How has transitioning traditional lecture courses to active learning spaces impacted students? What can instructors do to create more inclusive college classrooms?

While there are well-established inequities in the representation of

certain social identities in college science courses, relatively little attention has been paid to possible inequities in the experiences of students in college science courses. This talk will highlight a collection of my studies that document novel, hidden inequities in college science classrooms. It will focus on how the increased number of social interactions between students and

instructors and among students in active learning classrooms can have both positive and negative impacts on students. Additionally, it will address possible underlying mechanisms for these inequities and highlight how mitigating these inequities can lead to a more diverse and inclusive scientific community.