



## Stephanie Bachas-Daunert

Postdoctoral Scholar, Infectious Diseases

### Bio

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#### HONORS AND AWARDS

- Davidson Gwatkin Equity Measurement Prize, Metrics for Management (2021)
- Stanford VPGE Graduate Feminist Scholar Award, Stanford University Vice Provost for Graduate Education (2021)
- Stanford Bio-X (Bioengineering) Travel Award, Stanford Bio-X (Bioengineering) (2018)
- First Place Poster Prize, Bio-X (Bioengineering) Interdisciplinary Initiatives Program Symposium, Stanford First Bio-X (Bioengineering) (2017)
- American Society of Microbiology Robert D. Watkins Graduate Research Fellowship, American Society of Microbiology (2016 - 2019)
- NIH F31 Ruth L. Kirschstein Individual Predoctoral Diversity Fellowship, National Institutes of Health (NIH), National Institute of Environmental Health Sciences (NIEHS) (2013 - 2016)
- Rising Environmental Leaders Program, Stanford University Woods Institute for the Environment (2014 Cohort) (2013 - 2014)
- National Science Foundation Graduate Research Fellowship Program (NSF GRFP), National Science Foundation (2010 - 2013)
- Stanford University Engineering Dean's Doctoral 3D Diversity Fellowship, Stanford University School of Engineering (2010 - 2012)
- Princeton University Cum Laude and Departmental Honors Awards, Princeton University (2010)
- UCB Pharmaceuticals Crohn's Scholarship Award, UCB Pharmaceuticals (2007)
- Discover Card Tribute Award (Scholarship), Discover Card (2006)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee Member, Justice, Equity, Diversity, and Inclusion (JEDI) Committee of the Stanford University Postdoctoral Association (SURPAS) (2021 - present)
- Member, American Society for Engineering Education (ASEE) (2014 - present)
- Member, Society of Women Engineers (SWE), National Membership and Stanford University Chapter (2014 - present)
- Research Chair, Stanford University Chapter, American Society of Civil Engineers (ASCE) (2012 - 2016)
- Executive Board Member, American Society of Civil Engineers (ASCE), Princeton University Chapter (2009 - 2010)
- Treasurer, Society of Hispanic Professional Engineers (SHPE), Princeton University Chapter (2009 - 2010)
- Group Leader, Princeton University Engineering Projects in Community Service (EPICS) (2007 - 2009)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , CEE-PHD (2021)
- Master of Science, Stanford University , CEE-MS (2012)
- Bachelor of Science, Princeton University , Civil & Environmental Engineer (2010)
- MSE, Stanford University , Civil and Environmental Engineering (2012)
- BSE, Princeton University , Civil and Environmental Engineering (2010)

## STANFORD ADVISORS

- David Relman, Postdoctoral Research Mentor

## Publications

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### PUBLICATIONS

- **CAPTURING MIDDLE SCHOOL STUDENTS' UNDERSTANDINGS OF DESIGN THINKING** *TAKING DESIGN THINKING TO SCHOOL: HOW THE TECHNOLOGY OF DESIGN CAN TRANSFORM TEACHERS, LEARNERS, AND CLASSROOMS*  
Goldman, S., Zielezinski, M. B., Veal, T., Bachas-Daunert, S., Kabayadondo, Z., Goldman, S., Kabayadondo, Z.  
2017: 76–93
- **Dive In! An Integrated Design Thinking/STEM Curriculum**  
Goldman, S., Carroll, M., Zielezinski, M., Loh, A., Ng, E., Bachas-Daunert, S., ASEE  
AMER SOC ENGINEERING EDUCATION.2014