

# Stanford

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## Shannon Gilmartin

Sr Res Scholar

Inter-Departmental Programs

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### Bio

#### ACADEMIC APPOINTMENTS

- Sr Research Scholar, Inter-Departmental Programs

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### Publications

#### PUBLICATIONS

- **Assignments are Critical Tools to Achieve Workplace Equity**  
Macke, E., Gall Rosa, G., Gilmartin, S., Simard, C.  
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2022
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2021
- **The confidence gap predicts the gender pay gap among STEM graduates.** *Proceedings of the National Academy of Sciences of the United States of America*  
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2020
- **Connecting People and Ideas: Making Sense of a Research Lab through Creating a Shared Frame** *INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION*  
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- **Expanding Engineering Limits-A Concept for Socially Responsible Education of Engineers** *INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION*  
Steuer-Dankert, L., Gilmartin, S. K., Muller, C. B., Dungs, C., Sheppard, S., Leicht-Scholten, C.  
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- **How Mindfulness Can Help Engineers Solve Problems**  
Rieken, B., Shapiro, S., Gilmartin, S., Sheppard, S.  
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- **The Mistake Companies Make When They Use Data to Plan Diversity Efforts.**  
Wullert, K., Gilmartin, S., Simard, C.

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- **Exploring Alignment Between Engineering Students' Job Plans and Post-Graduation Outcomes**  
Rude, L., Harris, A., Gilmartin, S., Sheppard, S., IEEE  
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- **Career plans of undergraduate engineering students: Characteristics and contexts** *U.S. Engineering in the Global Economy*  
Gilmartin, S. K., Antonio, A. I., Brunhaver, S. R., Chen, H. L., Sheppard, S. D.  
The University of Chicago Press.2018: 49–86
- **A Mixed Methods Approach to Understanding How Colleges, Universities, and Employers Prepare and Support Undergraduates in Engineering Internships**  
Chen, H. L., Powers, K., Prasad, K., Anderson, M., Royalty, A., Gilmartin, S. K., Sheppard, S. D., IEEE  
IEEE.2018
- **Entrepreneurial Career Choice and Characteristics of Engineering and Business Students** *INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION*  
Jin, Q., Gilmartin, S. K., Chen, H. L., Johnson, S. K., Weiner, M. B., Lerner, R. M., Sheppard, S.  
2016; 32 (2): 598-613
- **Investigating Entrepreneurship Program Models in Undergraduate Engineering Education** *INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION*  
Gilmartin, S. K., Shartrand, A., Chen, H. L., Estrada, C., Sheppard, S.  
2016; 32 (5): 2048-2065
- **Studying the Career Pathways of Engineers An Illustration with Two Data Sets** *CAMBRIDGE HANDBOOK OF ENGINEERING EDUCATION RESEARCH*  
Sheppard, S. D., Antonio, A., Brunhaver, S. R., Gilmartin, S. K., Johri, A., Olds, B. M.  
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- **AC 2012-5096: DESIGNING THE PATHWAYS OF ENGINEERING ALUMNI RESEARCH SURVEY (PEARS)**  
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- **SPECIAL SESSION: DISCOVERING IMPLICATIONS OF THE ACADEMIC PATHWAYS STUDY FOR YOUR CAMPUS**  
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- **Changes in college women's attitudes toward sexual intimacy** *JOURNAL OF RESEARCH ON ADOLESCENCE*  
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- **The relationship between interest in physical science/engineering, science class experiences, and family contexts: Variations by gender and race/ethnicity among secondary students.** *Journal of Women and Minorities in Science and Engineering*

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2005; 76 (6): 609-+

- **Assessing response rates and nonresponse bias in web and paper surveys** *RESEARCH IN HIGHER EDUCATION*

Sax, L. J., Gilmartin, S. K., Bryant, A. N.

2003; 44 (4): 409-432