

Stanford



Shannon Gilmartin

Sr Res Scholar

Inter-Departmental Programs

Bio

ACADEMIC APPOINTMENTS

- Sr Research Scholar, Inter-Departmental Programs

Publications

PUBLICATIONS

- **Early-Career Assignments and Workforce Inequality in Engineering** *ENGINEERING STUDIES*
Gilmartin, S. K., Brunhaver, S. R., Jordan-Bloch, S., Gall Rosa, G., Simard, C., Sheppard, S. D.
2023
- **The dynamics of innovation efforts in the early career** *CREATIVITY AND INNOVATION MANAGEMENT*
Bjorklund, T. A., Gilmartin, S. K., Sheppard, S. D.
2022
- **Assignments are Critical Tools to Achieve Workplace Equity**
Macke, E., Gall Rosa, G., Gilmartin, S., Simard, C.
MIT Sloan Management Review.
2022
- **Thanks to Reviewers!** *JOURNAL OF ENGINEERING EDUCATION*
Adams, R., Bahnson, M., Bhaduri, S., Adams, T., Bairaktarova, D., Bielefeldt, A., Aguirre-Munoz, Z., Balakrishnan, B., Blosser, E., Ahn, B., Beagon, U., Bodnar, C., Aleong, et al
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*
Sterling, A. D., Thompson, M. E., Wang, S., Kusimo, A., Gilmartin, S., Sheppard, S.
2020
- **Connecting People and Ideas: Making Sense of a Research Lab through Creating a Shared Frame** *INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION*
Sheppard, S. D., Bjorklund, T., Chen, H. L., Gilmartin, S. K., Atwood, S., Brubaker, E., Chew, K. J., Christov, P., Cuan, C., Danner, P., Karanian, B., Kusimo, A., Luehmann, et al
2020; 36 (2): 796–813
- **Entrepreneurial intent of engineering and business undergraduate students** *JOURNAL OF ENGINEERING EDUCATION*
Gilmartin, S. K., Thompson, M. E., Morton, E., Jin, Q., Chen, H. L., Colby, A., Sheppard, S. D.
2019; 108 (3): 316–36
- **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.
2019; 35 (2): 658–73

- **How Mindfulness Can Help Engineers Solve Problems**
Rieken, B., Shapiro, S., Gilmartin, S., Sheppard, S.
Harvard Business Review.
2019
- **The Mistake Companies Make When They Use Data to Plan Diversity Efforts.**
Wullert, K., Gilmartin, S., Simard, C.
Harvard Business Review.
2019
- **Exploring Alignment Between Engineering Students' Job Plans and Post-Graduation Outcomes**
Rude, L., Harris, A., Gilmartin, S., Sheppard, S., IEEE
IEEE.2018
- **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.
2014: 283–309
- **Comparing Engineering and Business Undergraduate Students' Entrepreneurial Interests and Characteristics**
Jin, Q., Gilmartin, S., Sheppard, S. D., Chen, H. L., ASEE
AMER SOC ENGINEERING EDUCATION.2014
- **AC 2012-5096: DESIGNING THE PATHWAYS OF ENGINEERING ALUMNI RESEARCH SURVEY (PEARS)**
Chen, H. L., Grau, M., Brunhaver, S., Gilmartin, S., Sheppard, S., Warner, M., ASEE
AMER SOC ENGINEERING EDUCATION.2012
- **Academic Couples: Implications for Medical School Faculty Recruitment and Retention** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*
Girod, S., Gilmartin, S. K., Valentine, H., Schiebinger, L.
2011; 212 (3): 310-319
- **SPECIAL SESSION: DISCOVERING IMPLICATIONS OF THE ACADEMIC PATHWAYS STUDY FOR YOUR CAMPUS**
Atman, C. J., Sheppard, S., Brunhaver, S., Chachra, D., Chen, H. L., Gilmartin, S., Kilgore, D., Lande, M., Lichtenstein, G., Lund, D., Smith, K. A., Turns, J. A., Yasuhara, et al
AMER SOC ENGINEERING EDUCATION.2011
- **USING WEB SURVEYS TO REACH COMMUNITY COLLEGE STUDENTS: AN ANALYSIS OF RESPONSE RATES AND RESPONSE BIAS** *COMMUNITY COLLEGE JOURNAL OF RESEARCH AND PRACTICE*
Sax, L. J., Gilmartin, S. K., Lee, J. J., Hagedorn, L.
2008; 32 (9): 712-729
- **Gender ratios in high school science departments: The effect of percent female faculty on multiple dimensions of students' science identities** *JOURNAL OF RESEARCH IN SCIENCE TEACHING*
Gilmartin, S., Denson, N., Li, E., Bryant, A., Aschbacher, P.

2007; 44 (7): 980-1009

- **Crafting heterosexual masculine identities on campus - College men talk about romantic love** *MEN AND MASCULINITIES*

Gilmartin, S. K.

2007; 9 (4): 530-539

- **Changes in college women's attitudes toward sexual intimacy** *JOURNAL OF RESEARCH ON ADOLESCENCE*

Gilmartin, S. K.

2006; 16 (3): 429-454

- **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*

Gilmartin, S. K., Li, E., Aschbacher, P.

2006; 12 (2-3): 179-207

- **The centrality and costs of heterosexual romantic love among first-year college women** *JOURNAL OF HIGHER EDUCATION*

Gilmartin, S. K.

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