

# Jennifer John Buck, PhD, MSW

Curriculum Vitae

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## Education

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- 2022**      **Ph.D. in Experimental Psychology**, University of Nevada, Las Vegas (UNLV), Las Vegas, NV  
Dissertation: *Beyond the Numbers: A Deeper Dive into the Dearth of Girls and Women in STEM*  
(Committee: Rachael Robnett, PhD, Jennifer Rennels, PhD, Paul Nelson, PhD, & Harsha Perera, PhD)
- 2019**      **M.A. in Quantitative/Experimental Psychology**, University of Nevada, Las Vegas (UNLV), Las Vegas, NV  
Thesis: *Consequences of Math Anxiety and Stereotype Threat: An Intersectional Perspective*  
(Committee: Rachael Robnett, PhD, Jennifer Rennels, PhD, Mark Ashcraft, PhD, & Gwen Marchand, PhD)
- 2013**      **M.S.W** (Human Services Management Certificate), Boston University School of Social Work, Boston, MA
- 2010**      **B.A. in Psychology** (*Magna Cum Laude* and Full College Scholar) North Central College, Naperville, IL

## Relevant Work Experience

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- FrameWorks Institute  
**Associate Director for Quantitative Research** 4/2022 – Present  
**Principal Researcher** 1/2022 – 4/2022  
**Senior Researcher** 5/2021 – 12/2021
- Nevada Department of Health and Human Services 6/2020 – 11/2020  
Division of Child and Family Services (DCFS)  
**Planning and Evaluation Intern, Quality Assurance Contractor**
- Think Dignity, San Diego, CA 9/2015 – 7/2016  
**Programs & Operations Coordinator**
- LGBT Aging Project, Boston, MA 8/2012 – 5/2013  
**Macro Social Work Intern**

## Awards & Honors

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- 2018      GPSA Summer Sponsorship Award, UNLV
- 2018      Summer Stipend Research Award Recipient, UNLV College of Liberal Arts
- 2017      Summer Stipend Research Award Recipient, UNLV College of Liberal Arts
- 2010      Outstanding Major in Psychology, North Central College, Psychology Department

## Publications

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### Peer Reviewed Journal Articles

- John, J.E.**, Insouvanh, K., & Robnett, R.D. (2022). The Roles of Gender Identity, Peer Support, and Math Anxiety in Middle School Math Achievement. *Journal of Research on Adolescence*, 1-21. <https://doi.org/10.1111/jora.12800>
- John, J.E.**, Vierra, K., & Robnett, R.D. (2022). "I have cried in almost all of my math classes." Relations between math self-concept, gender, and narrative appraisals of past low points in math. *Contemporary Educational Psychology*, 70, 1-14. <https://doi.org/10.1016/j.cedpsych.2022.102094>
- Perera, H.N. & **John, J.E.** (2020). Teachers' Self-Efficacy Beliefs for Teaching Math: Relations with Teacher and Student Outcomes, *Contemporary Educational Psychology*, 61, 1-13. <https://doi.org/10.1016/j.cedpsych.2020.101842>
- Kent, S., **John, J.E.**, & Robnett, R.D. (2020). "Maybe These Fields Just Don't Interest Them." Gender and Ethnic Differences in Attributions about STEM Inequities. *International Journal of Gender, Science, and Technology*, 12(1), 97-121.
- John, J.E.**, Nelson, P., Klenczar, B., & Robnett, R.D. (2020). Memories of Math: Narrative Predictors of Math Affect, Motivation, and Future Math Plans. *Contemporary Educational Psychology*, 60, 1-11. <https://doi.org/10.1016/j.cedpsych.2020.101838>
- Robnett, R.D., & **John, J.E.** (2020). "It's wrong to exclude girls from something they love." Adolescents' attitudes about sexism in science, technology, engineering, and math fields. *Child Development*, 91(1), 231-248. <https://doi.org/10.1111/cdev.13185>
- Wooten, N.R., Al-Barwani, M.B., Chmielewski, J.A., **Buck, J.E.**, Hall, T.L., Moore, L.L., Woods, A.C. (2014). A Case Study of Social Media and Remote Communications in Military Research: Examining Military and Deployment Experiences of Army Women. *SAGE Research Methods Cases*. <http://dx.doi.org/10.4135/978144627305014540257>

### Chapters in Edited Books

- Robnett, R. D., **John, J. E.**, Underwood, C. R., & Thoman, S. E. (2020). Sexism and gender stereotyping. In S. Hupp & J. Jewell (Eds.), *The Encyclopedia of Child and Adolescent Development*. West Sussex: Wiley. 4600 words. <https://doi.org/10.1002/9781119171492.wecad482>

### Other Publications

- O'Shea, P., **John, J.**, Aassar, M., Ford, A., L'Hôte, E., & Rochman, A. (2022). *Communicating About Vaccination in the United Kingdom*. FrameWorks Institute.

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### Chaired Conference Symposia

- John, J.E.** & Thoman, S.E. (2018, August). *From the Inside Out: Evidence for Ecological Influences on Girls and Women in STEM*. Symposium conducted at the Gender and STEM Network Conference, Eugene, OR.

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### Conference Talks

- John, J.E.** & Robnett, R.D. (2018, August). *One Size does not Fit All: Gender and Ethnic Variation in Math Anxiety and Stereotype Threat*. Presented at the Gender and STEM Network Conference, Eugene, OR.
- Robnett, R.D. & **John, J.E.** (2018, August). *Are Adolescents Concerned about Sexism in STEM Fields? A Mixed-Methods Analysis*. Presented at the Gender and STEM Network Conference, Eugene, OR.

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### Conference Posters

- Gutierrez, D., John, J.E., Kent, S., & Robnett, R.D. (2022, July). *Attitudes about gender inequity in STEM: Variation on the basis of racist and sexist attitudes*. Accepted for presentation at the 2022 Network Gender & STEM Conference.
- John, J.E.**, Vierra, K., & Robnett, R.D. (2022, July). *"I have cried in almost all of my math classes." Relations between math self-concept, gender, and narrative appraisals of past low points in math*. Accepted for presentation at the 2022 Network Gender & STEM Conference.
- Bellucci, B., Denecker, L., Vierra, K., **John, J.E.**, Robnett, R.D. (2021, May). *"My math teacher said I must be low-achieving": The effect of classroom experiences on math self-efficacy*. Presented at the Annual National Meeting of the Association Psychological Science, Virtual.
- Insouvanh, K., **John, J.E.**, DeSouza, L., & Robnett, R.D. (2021, February). *Attitudes Toward Social Change*. Presented at the Annual Conference of the Society for Personality and Social Psychology, Virtual.
- Cowley, J., Despres, J., Vierra, K., **John, J.** & Robnett, R.D. (2020, October). *Sources and Distribution of Math Anxiety and Confidence in Middle School Students*. Presented at the Annual Conference of the Western Psychological Association, Virtual.
- John, J.E.**, Klenczar, B., & Robnett, R.D. *"I felt humiliated in front of the entire class." The Role of Teachers and Peers in Narrative Memories of Students with Low Math Self-Concept*. Accepted for presentation at the 2020 10<sup>th</sup> SELF International Conference, Québec, Canada. *Unable to deliver, meeting canceled due to COVID-19 outbreak*.
- Perera, H.N., **John, J.E.**, Barber, D., Part, R., & Maghsoudlou, A. *Math and Science Expectancy-Value Beliefs in Secondary School Students: A Person-Centered Approach*. Accepted for presentation at the 2020 American Educational Research Association Conference, San Francisco, CA. *Unable to deliver, meeting canceled due to COVID-19 outbreak*.
- John, J.E.**, Klenczar, B., Nelson, P., & Robnett, R.D. (2019, February). *Memories of Math: Narrative Predictors of Math Outcomes and Future Math Plans*. Presented at the UNLV Graduate & Professional Student Research Forum, Las Vegas, NV.
- Lovitt, A., **John, J.E.**, & Millar, M. (2019, February). *The Impact of Positive Assessments on Interpersonal Behavior*. Presented at the Society for Personality and Social Psychology Conference, Portland, OR.
- John, J.E.**, Chaidez, H., Tang, G., & Robnett, R.D. (2019, February). *Perspective-Taking Effects on Bias and Support for Social Activism*. Presented at the Society for Personality and Social Psychology Conference, Portland, OR.
- John, J.E.**, Klenczar, B., Nelson, P., & Robnett, R.D. (2018, October). *Math Life Stories Predict Gendered Outcomes and Future Plans*. Presented at the Gender Development Conference, San Francisco, CA.
- Robnett, R.D. & **John, J.E.** (2018, October). *"It's wrong to exclude girls from something they love:" Adolescents' attitudes about sexism in STEM*. Presented at the Gender Development Conference, San Francisco, CA.
- Kent, S., **John, J.E.**, Klenczar, B., Smith, C., & Robnett, R.D. (2018, October). *"These Fields Just Don't Interest Them": Gender Differences in Attributions about STEM Inequities*. Presented at the Gender Development Conference, San Francisco, CA.
- Thoman, S.E., Underwood, C.R., Stephens, A.K., **Buck, J.E.** & Robnett, R.D. (2016, October). *Test Tubes or Soccer Practice: Retention and Work-Life Balance among Women in STEM*. Poster presented at the Gender Development Conference, San Francisco, CA.

Underwood, C.R., Thoman, S.E., **Buck, J.E.**, Robnett, R.D. & Barakat, M. (2016, October). *Redefining Tradition: Generational Differences in Same-Sex Couples' Surname Decisions*. Poster presented at the Gender Development Conference, San Francisco, CA.

Sawyer, T., **John, J.E.**, & O'Connor, M. (2010, April). *The Effects of Priming on Perceptions of Facial Features*. Poster presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

**John, J.E.** (2010, April). *Perceptions of Parenting Styles and Personality*. Poster presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

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### Teaching

#### University of Nevada, Las Vegas

Instructor of Record, PSY 210: Introduction to Statistical Methods (Spring, 2021)

Average Evaluation: 4.54/5

Instructor of Record, PSY 360: Foundations of Social Psychology (Spring, 2020)

Average Evaluation: 4.44/5

Instructor of Record, PSY 101: General Psychology (Fall 2018 - Spring 2021)

Average Evaluation: 4.56/5

#### North Central College

Teaching Assistant, PSY 250: Statistics (Spring 2009)

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### Mentoring

2020-21      Mentor, Outreach for Undergraduate Mentorship Program (OUMP)  
UNLV Department of Psychology

2018-19      **UNLV Research and Mentorship Program (RAMP):** B. Klenczar  
Project: Gender Variance in Positive Memories of Math  
Presented at the 2019 Society for Personality and Social Psychology Conference

2018-19      **UNLV Undergraduate Research Mentor:** J. Cowley, P. Green & B. Gorsakul  
Project: Objective-Focus and Perspective-Taking Approaches to Evaluating Racial Biases  
Presented at the 2019 Western Psychological Association Convention

2018-19      **UNLV Undergraduate Research Mentor:** S. Kent, B. Klenczar, & C. Smith  
Project: Themes of STEM Inequity  
Presented at the 2018 UNLV Spring Undergraduate Research Forum

2017          **UNLV Undergraduate Research Mentor:** H. Chaidez & G. Tang  
Project: Associations between Perspective-Taking, Racial Bias, and Social Activism  
1<sup>st</sup> Place: 2017 UNLV Spring Undergraduate Research Forum

2016-17      Mentor, Outreach for Undergraduate Mentorship Program (OUMP)  
UNLV Department of Psychology

2012-13      Mentor, First Year MSW Student, Boston University

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### Professional Development

Mediation and Moderation (2022, February), Todd Little's Stats Camp, Remote.

“Great Graphs” Data Visualization Course (2020, October), Depict Data Studio.

Mentorship Certificate (2019), UNLV Graduate College

Theory and Practice of Bayesian Inference using JASP (2019, February), SPSP Annual Convention, Portland, OR.

Multilevel Modeling (2018, June), Todd Little’s Stats Camp, Albuquerque, NM.

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### Service

#### **Intramural**

President, Experimental Student Committee (ESC), Department of Psychology, University of Nevada, Las Vegas (2017-19)

Graduate Student Representative, Graduate Enrollment Management Committee, University of Nevada, Las Vegas (2017-18)

Invited Presenter, Involving Undergraduates in Research Workshop, University of Nevada, Las Vegas (February 2017)

Graduate Student Judge, Office for Undergraduate Research (OUR) Forum, University of Nevada, Las Vegas (November 2016)

Psychology Department Representative, Graduate and Professional Student Association (GPSA), University of Nevada, Las Vegas (2016-17)

GPSA Representative, Graduate Enrollment Management Committee, University of Nevada, Las Vegas (2016-17)

#### **Extramural**

Strategic Planning and Evaluation Consultant, Uprise Theatre, San Diego, CA (2020 – 2021)

Invited Reviewer, American Education Research Association (AERA) Annual Meeting 2020

- Mixed Methods SIG
- Division C: Learning and Instruction, Section 1c: Mathematics

Student Advisory Board Member, Psychology of Women Quarterly (2017- 2022)

Graduate Student Panel Member, Nevada State College (October 2016)

Development Committee Member, Think Dignity (2016 - 2018)

Macro Concentration Committee Chair, Boston University School of Social Work (2012-13)

#### **Ad Hoc Reviewer**

*International Journal of Gender, Science, and Technology*

*References available upon request.*