

## M. Claire Wilson

mcw844@indiana.edu | November 2020

### EDUCATION

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**Indiana University**, Ph.D. Candidate in Clinical Science and Neuroscience 2015 – present  
Mentor: Julia R. Heiman, Ph.D. Bloomington, IN  
Dissertation: “Sexual incentive processing: Neural conditioning and sexual trauma”

University of Chicago, B.A. with Special Honors in Psychology and English 2010 – 2014  
Psychology honors thesis: “Physiological arousal to psychosocial stress and sexual stimuli” Chicago, IL  
Creative nonfiction honors thesis: “Across worlds”

### FELLOWSHIP SUPPORT

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**National Science Foundation Graduate Research Fellowship Program** 2017, 2018, present  
Graduate Fellowship, *Department of Psychological and Brain Sciences*, Indiana University 2015, 2016, 2019  
Predoctoral Training in Translational Sciences, *Indiana Clinical and Translational Sciences Institute*, National Institutes of Health (declined) 2017

### RESEARCH EXPERIENCE

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**Graduate Research Assistant**, *Sexual Psychophysiology Laboratory*, Indiana University 2015 – present  
Principal Investigator: Julia R. Heiman, Ph.D. Bloomington, IN  
Conducting fMRI and online studies of reward processing, risk behaviors, and sexual trauma. Coordinated a psychophysiological (e.g. vaginal photoplethysmography, ELISAs) investigation of arousal and immunity. Directly supervised six undergraduate research assistants. Designed and maintaining the lab website.

Research Assistant and Lab Manager, *Institute for Mind and Biology*, University of Chicago 2013 – 2014  
Principal Investigator: Dario Maestripieri, Ph.D. Chicago, IL  
Recruited and ran human subjects to investigate hormonal variation with sexual strategies, personality, stress, sleep patterns, and risk-taking. Developed survey measures, study advertisements, and experimental protocols. Coded video-recorded interviews for non-verbal behaviors. Coordinated lab meetings and research schedules between a team of ten experimenters.

Research Assistant, *Department of Social and Organizational Psychology*, Vrije Universiteit Amsterdam 2012  
Research Assistant, *John T. Cacioppo Social Psychology Laboratory*, University of Chicago 2012

### CLINICAL TRAINING

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**Adolescent Dual Diagnosis Clinic**, *Riley Child and Adolescent Psychiatry Clinic* 2020 – present  
Supervisor: Zachary Adams, Ph.D., H.S.P.P. Indianapolis, IN  
Providing manualized motivational enhancement and cognitive behavioral therapy (ENCOMPASS) for adolescents (ages 15-17) with comorbid substance abuse, ADHD, and mood/anxiety disorders. Piloting an FDA-approved mobile application (reSET) and providing telehealth during the COVID-19 pandemic.

Pediatric Psychology Testing Clinic, *Riley Child and Adolescent Psychiatry Clinic* 2020  
Supervisor: William Kronenberger, Ph.D., H.S.P.P. Indianapolis, IN  
Administered standardized tests of intelligence (KBIT-2, WISC-V, WAIS-IV), achievement (WJ-IV), and other cognitive abilities (WRAML-2, VMI-6) to children (ages 6-17) with suspected learning disorders and ADHD. Piloted telehealth test adaptations during the COVID-19 pandemic.

Adult Behavioral Sleep Medicine Clinic, *Indiana University Health Neuroscience Center* 2019 – 2020  
Supervisor: Yelena Chernyak, Ph.D., C.B.S.M., H.S.P.P. Indianapolis, IN  
Evaluated and provided cognitive behavioral therapy for adults (ages 17-82) with insomnia, organic sleep disorders, and comorbid health conditions. Provided telehealth during the COVID-19 pandemic.

Cognitive Behavioral Therapy Research and Training Clinic, Indiana University 2017 – 2020  
Supervisors: Brittany M. Brothers, Ph.D., H.S.P.P. and Lorenzo Lorenzo-Luaces, Ph.D. Bloomington, IN  
Provided manualized individual therapy for adults (ages 18-65) with generalized/social anxiety, depression, bipolar disorder, and posttraumatic stress disorder. Conducted phone screens and structured clinical interviews (SCID-I and -II). Served as a peer supervisor to three junior student clinicians.

Gender Health and Adolescent Medicine Programs, *Riley Hospital for Children* 2018 – 2019  
Supervisor: Kelly Donahue, Ph.D., H.S.P.P. Indianapolis, IN  
Provided supportive and cognitive behavioral therapy for children and adolescents (ages 2-20) with gender dysphoria, mood/anxiety disorders, and chronic health conditions. Conducted diagnostic and presurgical evaluations. Took part in team clinics alongside physicians, medical fellows, dietician, and community partners.

Parent-Child Clinic, *Department of Psychological and Brain Sciences*, Indiana University 2016 – 2017  
Supervisor: John Bates, Ph.D. Bloomington, IN  
Conducted manual-based family therapy for children (ages 3-6) with oppositional problems. Completed phone intakes and updated referral lists.

Training workshops and Association for Behavioral and Cognitive Therapies webinars attended:

Riley Psychiatry Team, “ENCOMPASS: Integrated treatment for adolescents and young adults” 2020  
Denise Sloan, Ph.D., “Written Exposure Therapy for PTSD: A brief treatment approach” 2019  
Steven D. Hollon, Ph.D., “Cognitive behavioral therapy for depression” 2019  
Andrew Christensen, Ph.D., “Acceptance and change in Integrative Behavioral Couples Therapy” 2018  
Nancy J. Keuthen, Ph.D., “Cognitive-behavioral treatment for body-focused repetitive behaviors” 2017

## **PUBLICATIONS**

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Clephane, K., **Wilson, M. C.**, Craig, A., & Lorenz, T. K. (in preparation). Inflammation and sexual arousal in healthy women.

**Wilson, M. C.**, Tarbert, H., Glaser, M., & Heiman, J. R. (in preparation). Sexual function after unwanted experiences among college-aged women: Impact of mental health and sexual experience.

Roath, O. K., Kolacz, J., **Wilson, M. C.**, Gesselman, A., Spencer, J., Lewis, G. F., Garcia, J., & Porges, S. W. (in preparation). Women’s vaginal lubrication difficulties and self-reported autonomic function: Comparative findings from psychotherapy clinic and general US population samples.

**Wilson, M. C.**, Lorenz, T. K., & Heiman, J. R. (2018). Salivary afternoon cortisol and relationship status in healthy women with regular menstrual cycles. *Women’s Reproductive Health*, 5(3): 170-182.

Gilliam, M., Jagoda, P., Fabiyi, C., Lyman, P., **Wilson, M. C.**, Hill, B., & Bouris, A. (2017). Alternate reality games as an informal learning tool for generating STEM engagement among underrepresented youth: A qualitative evaluation of The Source. *Journal of Science Education and Technology*, 3(26): 295-308.

Ponzi, D., Henry, A., Kubicki, K., Nickels, N., **Wilson, M. C.**, & Maestripieri, D. (2016). Autistic-like traits, socio-sexuality, and hormonal responses to socially stressful and sexually arousing stimuli in male college students. *Adaptive Human Behavior and Physiology*, 2(2): 150-165.

Gilliam, M., Jagoda, P., Jaworski, E., Hebert, L., Lyman, P., & **Wilson, M. C.** (2016). "Because if we don't talk about it, how are we going to prevent it?": Lucidity, a narrative-based digital game about sexual violence. *Sex Education: Sexuality, Society and Learning*, 16(4): 391-404.

Zilioli, S., Ponzi, D., Henry, A., Kubicki, K., Nickels, N., **Wilson, M. C.**, & Maestripieri, D. (2016). Interest in babies negatively predicts testosterone responses to sexual visual stimuli among heterosexual young men. *Psychological Science*, 27(1): 114-118.

Gilliam, M., Jagoda, P., Heathcock, S., Orzalli, S., Saper, C., Dudley, J., & **Wilson, M. C.** (2015). LifeChanger: A game-based curriculum for sexuality education. *Journal of Pediatric and Adolescent Gynecology*, 29(2): 148-153.

**Wilson, M. C.**, Zilioli, S., Ponzi, D., Henry, A., Kubicki, K., Nickels, N., & Maestripieri, D. (2015). Cortisol reactivity to psychosocial stress mediates the relationship between extraversion and unrestricted sociosexuality. *Personality and Individual Differences*, 86: 427-431.

Ponzi, D., Henry, A., Kubicki, K., Nickels, N., **Wilson, M. C.**, & Maestripieri, D. (2015). The slow and fast life histories of early birds and night owls: Their future- or present-orientation accounts for their sexually monogamous or promiscuous tendencies. *Evolution and Human Behavior*, 36(2): 117-122.

Ponzi, D., Henry, A., Kubicki, K., Nickels, N., **Wilson, M. C.**, & Maestripieri, D. (2015). Morningness-eveningness and intrasexual competition in men. *Personality and Individual Differences*, 76: 228-231.

Ponzi, D., **Wilson, M. C.**, & Maestripieri, D. (2014). Eveningness is associated with higher risk-taking, independent of sex and personality. *Psychological Reports*, 115(3): 932-947.

Maestripieri, D., Klimczuk, A. C. E., Traficante, D. M., & **Wilson, M. C.** (2014). Ethnicity-related variation in sexual promiscuity, relationship status, and testosterone levels in men. *Evolutionary Behavioral Sciences*, 8(2): 96-108.

Maestripieri, D., Klimczuk, A. C. E., Traficante, D. M., & **Wilson, M. C.** (2014). A greater decline in female facial attractiveness during middle age reflects women's loss of reproductive value. *Frontiers in Psychology*, 5(179): 1-6.

Maestripieri, D., Klimczuk, A. C. E., Seneczko, M., Traficante, D. M., & **Wilson, M. C.** (2013). Relationship status and relationship instability, but not dominance, predict individual differences in baseline cortisol levels. *PLoS ONE*, 8(12): e84003 1-7.

#### Non-research publications:

"Considering the options: The risks and benefits of modern contraceptives," *Triple Helix Online* 2013  
"The mysterious function of the female orgasm," The Triple Helix, Inc.'s *The Science in Society Review* 2013

## POSTER PRESENTATIONS

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Clephane, K., Sartin-Tarm, A., **Wilson, M. C.**, & Lorenz, T. K. (2020). Different forms of mental health treatment are associated with different patterns of post-trauma sexual functioning in women: An exploratory study. *International Society for the Study of Women's Sexual Health*, Orlando, FL.

**Wilson, M. C.**, & Heiman, J. R. (2019). Cue-evoked neural responses to rewarding and neutral stimuli: Differential associations with inhibitory control during a go/no-go task. *International Academy of Sex Research*, Mexico City.

Clephane, K., **Wilson, M. C.**, & Lorenz, T. K. (2019). Sexual function after unwanted sexual activity: Impact of PTSD symptom severity. *International Academy of Sex Research*, Mexico City.

**Wilson, M. C.**, Heiman, J. R., Jungbauer, R. E., & Hall, E. L. (2018). Partnered sexual experience and reward-specific associations among college students. *International Academy of Sex Research*, Madrid, Spain.

Lorenz, T. K., **Wilson, M. C.**, Craig, A., Clephane, K., Hall, E., Heiman, J. R. (2018). Sexual arousal may influence vaginal immune responses. *International Academy of Sex Research*, Madrid, Spain.

**Wilson, M. C.**, Heiman, J. R., & Jungbauer, R. E. (2017). Connecting reward sensitivity, inhibitory control, and risk behaviors across the transition from adolescence to young adulthood. *International Academy of Sex Research*, Charleston, SC.

**Wilson, M. C.**, Lorenz, T. K., & Heiman, J. R. (2016). Salivary afternoon cortisol in healthy women: Associations with menstrual cycle phase and relationship status. *International Academy of Sex Research*, Malmö, Sweden.

**Wilson, M. C.**, & Maestripieri, D. (2014). Physiological arousal to psychosocial stress and sexual stimuli: Associations with personality and sociosexuality. *University of Chicago Psychology Honors Colloquium*, Chicago, IL.

**Wilson, M. C.**, & Maestripieri, D. (2013). Ethnicity-related variation in sexual promiscuity affects the association between relationship status and testosterone levels in men. *International Academy of Sex Research*, Chicago, IL.

## ORAL PRESENTATIONS

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**Wilson, M. C.**, Ponzi, D., & Maestripieri, D. (2014). Night owls have higher risk-taking tendencies than early-morning people: Evolutionary implications. *Chicago Area Undergraduate Research Symposium*, Chicago, IL.

**Wilson, M. C.**, Klimczuk, A. C. E., Traficante, D. M., & Maestripieri, D. (2013). Greater decline in facial attractiveness during middle age for women than men: An evolutionary perspective. *Chicago Area Undergraduate Research Symposium*, Chicago, IL.

## PROFESSIONAL EXPERIENCE

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Writer, *Department of Obstetrics and Gynecology*, University of Chicago

2014 – 2015

Primary Supervisor: Melissa Gilliam, M.D., M.P.H.

Chicago, IL

Assisted with clinical and community-based research development within the Section of Family Planning and

Contraceptive Research, Ci3 (Center for Interdisciplinary Inquiry and Innovation), Game Changer Chicago Design Lab, and Office of Diversity and Inclusion. Contributed to federal and foundation grant proposals, scientific journal publications, reports, presentations, and an evidence-based manual on best practices for diversity-focused hiring. Assisted with event planning and facilitation.

## **TEACHING EXPERIENCE**

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Associate Instructor, *P211: Methods of Experimental Psychology*, Indiana University 2018  
Professor: Richard A. Hullinger, Ph.D. Bloomington, IN  
Taught research methods for two lab sections of 15 students each. Facilitated experimental design, data collection, and analysis of independent studies using the Stroop task and Implicit Association Test. Graded and provided individualized feedback on weekly homework and four full research reports.

Teaching Assistant, *P457: Human Sexuality Research*, Indiana University 2016, 2017  
Professor: Julia R. Heiman, Ph.D. Bloomington, IN  
Graded and provided individualized feedback on weekly response papers, presentations, group survey development, and final research papers for a class of 23-25 upperclassmen from a variety of majors.

### Invited guest lectures and departmental talks at Indiana University:

“Sexual science and the human brain,” *P457: Human Sexuality Research* 2020  
“Gender dysphoria in youth: Concepts and issues for treatment,” *P324: Abnormal Psychology* 2019  
“Sexual dysfunction: DSM disorders and treatments,” *P337: Clinical Neuroscience* 2016, 2017, 2019  
“CBT for performance-only social anxiety: A case presentation,” *Clinical Science Colloquium* 2018  
“Emerging research on neurodevelopment, reward, and sex,” *P457: Human Sexuality Research* 2018  
“Clinical translational issues and sex research,” *P457: Human Sexuality Research* 2017

## **MEMBERSHIPS AND SERVICE**

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**Crisis Line Volunteer and On-Scene Advocate**, *Middle Way House, Inc.* 2016 – present  
www.middlewayhouse.org (1000+ hours) Bloomington, IN  
Attending weekly double shifts at an emergency resource center for domestic and sexual violence. Providing phone support and resource referrals (e.g. shelter, counseling, legal assistance, support groups, childcare) to crisis line callers. Trained to accompany survivors of sexual assault to hospital examinations. Completing intake procedures for shelter residents. Training new volunteers during observation shifts.

**Webmaster and Student Representative**, *International Academy of Sex Research* 2016 – present  
www.iasr.org (currently serving second year as student representative) Bloomington, IN  
Maintaining the academy website and all online submission forms. Organizing membership lists and welcoming new students. Creating seasonal newsletters. Co-led technical coordination of the academy’s first virtual meeting during the COVID-19 pandemic, including creating the conference webpage, drafting instructional documents, training all presenters, and facilitating live sessions. Conducting feedback surveys and executive board elections. Participating on the scientific programming committee.

Volunteer Grant Reviewer, *Graduate and Professional Student Government*, Indiana University 2016, 2018, 2019  
Member, Contributor, and Editor, *The Triple Helix*, University of Chicago 2012 – 2014  
Associate Research Editor, *Journal of Young Investigators*, www.jyi.org 2013

## HONORS AND AWARDS

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Student Research Development Award (\$1000), <i>International Academy of Sex Research</i>	2020
Research Award (\$1000), <i>Graduate and Professional Student Government</i> , Indiana University	2020
Outstanding P211 Instructor, <i>Department of Psychological and Brain Sciences</i> , Indiana University	2019
Sharon Stephens Brehm Travel Award (\$1000), Indiana University	2019
Travel Award (\$400), <i>College of Arts and Sciences</i> , Indiana University	2019
Provost's Travel Award for Women in Science (\$750-1000), Indiana University	2016, 2017, 2018
Brain Scan Credits (20 free MRI sessions), <i>Imaging Research Facility</i> , Indiana University	2017
Joseph Steinmetz Summer Research Award (\$4000), Indiana University	2016
International Feature Article, The Triple Helix, Inc.'s <i>The Science in Society Review</i>	2014
Dean's List, University of Chicago	2010 – 2014

## LANGUAGES AND SKILLS

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Fluent in English, proficient in French

Psychological research proficiency in SPSS statistics and Qualtrics for survey design

Neuroimaging experience using MATLAB/PsychToolbox for task programming and SPM12 for preprocessing, generalized linear models, and region-of-interest analyses

Laboratory experience with ELISA for saliva, serum, and vaginal fluid

Web design experience using Squarespace, Wix, iWeb, Google Sites, SurveyMonkey, and JotForm

Software proficiency in Microsoft Office with basic knowledge of HTML