

EDUCATION

Indiana University

Ph.D. Candidate in Clinical Science and Neuroscience
Mentor: Julia R. Heiman, Ph.D.

2015 – present
Bloomington, IN

The University of Chicago

B.A. with Special Honors in Psychology and English

2010 – 2014
Chicago, IL

HONORS AND AWARDS

National Science Foundation Graduate Research Fellowship Program

2017 – present

Outstanding P211 Instructor, Department of Psychological and Brain Sciences, Indiana University 2019

Sharon Stephens Brehm Travel Award, Department of Psychological and Brain Sciences, Indiana University 2019

College of Arts and Sciences Travel Award, Indiana University 2019

Provost's Travel Award for Women in Science, Indiana University 2016, 2017, 2018

Brain Scan Credits, Indiana University Imaging Research Facility 2017

Graduate Fellowship, Department of Psychological and Brain Sciences, Indiana University 2015, 2016

Joseph Steinmetz Summer Research Award, Indiana University 2016

Dean's List, The University of Chicago 2010 – 2014

International Feature Article, The Triple Helix, Inc.'s *The Science in Society Review* 2013

RESEARCH EXPERIENCE

Graduate Research Assistant, *Sexual Psychophysiology Laboratory*

2015 – present
Bloomington, IN

Indiana University

Principal Investigator: Julia R. Heiman, Ph.D.

Analyzing neuroimaging (e.g. fMRI, DTI) and laboratory data on reward processing, inhibitory control, and risk behaviors in college students. Recruited, screened, and ran human subjects for a psychophysiological (e.g. vaginal photoplethysmography, ELISAs) investigation of arousal and immunity. Designed and maintaining the lab website.

Research Assistant and Lab Manager, *Institute for Mind and Biology*

2013 – 2014

The University of Chicago

Chicago, IL

Principal Investigator: Dario Maestripieri, Ph.D.

Recruited and ran human subjects to investigate hormonal variation with relationship status, stress, sleep patterns, sexual experience, personality, 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*, The University of Chicago

2012

CLINICAL TRAINING

Adult Behavioral Sleep Medicine Clinic, IU Health Neuroscience Center

2019 – present
Indianapolis, IN

Indiana University School of Medicine (10+ individuals)

Supervisor: Yelena Chernyak, Ph.D., C.B.S.M., H.S.P.P.

Providing cognitive behavioral therapy for adults (ages 18-XX) with sleep disorders and comorbid health conditions. Attending weekly supervision and peer observations.

Cognitive Behavioral Therapy, *CBT Research and Training Clinic*

Indiana University (six individual clients, one supervisee)

2017 – present

Bloomington, IN

Supervisor: Brittany M. Brothers, Ph.D., H.S.P.P.

Serving as a peer supervisor to junior student clinicians. Provided manualized individual therapies 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). Attended weekly supervision.

Gender Health and Adolescent Medicine Programs, *Riley Hospital for Children*

2018 – 2019

Indiana University School of Medicine (35+ individuals, 50+ families)

Indianapolis, IN

Supervisor: Kelly Donahue, Ph.D., H.S.P.P.

Provided supportive 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 monthly team clinics alongside attending physicians, medical fellows, dietitian, and community partners.

Parent Behavioral Training, *Parent-Child Clinic*

2016 – 2017

Indiana University (three client families)

Bloomington, IN

Supervisor: John Bates, Ph.D.

Conducted manual-based family therapy for children (ages 3-6) with oppositional problems. Completed phone intakes and updated referral lists.

PRESENTATIONS

Poster presentations:

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. *The University of Chicago Psychology Honors Day 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:

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.

PUBLICATIONS

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:

- Wilson, M. C.** (2013). Considering the options: The risks and benefits of modern contraceptives. *Triple Helix Online*.
Wilson, M. C. (2013). The mysterious function of the female orgasm. *The Science in Society Review*, 15-17.

TEACHING AND MENTORSHIP

Undergraduate Research Supervisor, *Sexual Psychophysiology Laboratory* 2016 – present
Indiana University (five research assistants) Bloomington, IN

Associate Instructor, *P211: Methods of Experimental Psychology* 2018
Indiana University (one semester, two lab sections) Bloomington, IN

Professor: Richard A. Hullinger, Ph.D.

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. Held weekly office hours.

Teaching Assistant, *P457: Human Sexuality Research* 2016 – 2017
Indiana University (two semesters, one class each) Bloomington, IN

Professor: Julia R. Heiman, Ph.D.

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. Held weekly office hours.

Guest lectures and departmental talks:

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

PROFESSIONAL EXPERIENCE

Writer, *Department of Obstetrics and Gynecology* 2014 – 2015
The University of Chicago Chicago, IL

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

Assisted with clinical and community-based research project development at the Section of Family Planning and Contraceptive Research, Ci3 (Center for Interdisciplinary Inquiry and Innovation), Game Changer Chicago Design Lab, and the hospital-wide Office of Diversity and Inclusion. Contributed to grant proposals, scientific journal publications, reports, presentations, and an evidence-based manual on best practices for diversity-focused hiring. Developed organizational materials. Assisted with event planning and facilitation.

Portrait Model, *Palette & Chisel Academy of Fine Arts*, Chicago, IL 2011 – 2015

Barista and Shift Leader, *Grounds of Being: The Divinity School Coffee Shop*, Chicago, IL 2013 – 2014

Grant-Writing Kemper Fellow, *Court Theatre*, Chicago, IL 2011

Development Assistant, *The Den Theatre*, Chicago, IL 2011

Assistant to Diana Greene, *www.dianagreene.com*, Winston-Salem, NC 2010

MEMBERSHIPS AND SERVICE

Crisis Line Volunteer and On-Scene Advocate, *Middle Way House, Inc.* 2016 – present
www.middlewayhouse.org (700+ hours total) Bloomington, IN

Maintaining a regular double shift at an emergency resource center for domestic and sexual violence. Connecting crisis line callers to resources (e.g. shelter, counseling, legal assistance, support groups, child care). Providing extended on-call phone support and accompanying survivors of sexual assault to hospital examinations. Completing intake procedures for shelter residents. Training new volunteers during observation shifts.

Student Representative and Webmaster, *International Academy of Sex Research* 2016 – present
www.iasr.org (currently serving first year as junior representative) Bloomington, IN
Organizing membership lists and welcoming new students. Creating quarterly newsletters. Maintaining the academy website and all online submission forms. Conducting post-conference evaluations. Participating in executive board elections and serving 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*, The University of Chicago 2012 – 2014
Facilitator and Training Program Developer, *Tea Time and Sex Chats*, The University of Chicago 2013 – 2014
Associate Research Editor, *Journal of Young Investigators*, www.jyi.org 2013
Board Member, *Youth Grantmakers in Action*, Winston-Salem Foundation 2007 – 2010

LANGUAGES AND SKILLS

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 analysis
Laboratory experience with ELISA for saliva, serum, and vaginal fluid
Web design experience using Squarespace, Wix, iWeb, Google Sites, and JotForm
Software proficiency in Microsoft Office with basic knowledge of HTML