

Jason R. Themanson, Ph.D.

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Professional Summary

Neuroscientist and psychology professor with over 15 years of experience in human neuroscience, cognitive psychology, and sports performance research. Proven expertise in designing and leading cross-disciplinary research projects, managing teams, and translating complex data into actionable insights. Skilled in experimental design, statistical analysis, data analysis and management, grant and project management, scientific and technical writing, and stakeholder collaboration. Experienced in writing, editing, and producing communications and reports intended for a wide variety of audiences. Collaborative trainer, mentor, and leader of teams of faculty, staff, and students. Detail oriented and skilled at problem solving and translating highly complex concepts into easily understood terms. Seeking to leverage academic, consulting, and leadership experience into professional or applied training and analysis settings.

Relevant Skills and Competencies

- Human Neuroscience & Psychology
- Experimental Design & Behavioral Measurement
- Healthcare & Performance Research
- Statistical & Data Analysis (SPSS, EEG/ERP methods, Python, SQL)
- Grant Writing & Project Management
- Scientific Communication & Stakeholder Engagement
- Mentorship, Training, & Team Leadership

Professional Experience

Consultant – Applied Neuroscience in Sports
Themanson Consulting LLC | 2023 – present

- Developed and implemented EEG-based line of research examining neural activity and baseball performance for professional and collegiate athletes according to study objectives in collaboration with organizational analysts and stakeholders.
- Provided technical expertise to refine and improve methodological and analytic plans for complex studies across multiple pilot and research validation protocols.
- Translated neuroscience research into practical applications for performance and health.
- Delivered findings to decision-makers, player development, and analytics staff.

Adjunct Professor – School of Nursing
Millikin University | 2021 – present

- Created and implemented statistics course for graduate students in the School of Nursing, including all course content, assessment and evaluation materials, and online communication for graduate student professionals.

Professor of Psychology & Neuroscience

Illinois Wesleyan University | 2007 – 2025

- Created and implemented content, assessment materials, and communication strategy across 15 courses in Psychology and Neuroscience in order to ensure student understanding and the completion of learning objectives.
- Designed and implemented a programmatic line of research projects studying human behavior and neural activity in cognitive, social, exercise, and sports activities with faculty, staff, and student collaborators and colleagues. Managed and organized projects from initiation to completion, including: study design and technical training, data management and analysis, and the presentation and reporting of findings.
- Secured over \$300,000 in external funding (NSF, NIH, Beckman Foundation) and numerous internal grants.
- Published over 20 peer-reviewed publications in neuroscience and psychology and presented internationally.
- Served as Department Chair (2014 – 2020), overseeing budgets, curriculum, and faculty development and programmatic strategies and initiatives.
- Academic advisor to 30-40 undergraduate students in psychology and neuroscience annually.

Investigator

Attorney Registration & Disciplinary Commission, Chicago, IL | 1999 – 2003

- Conducted investigations into attorney misconduct under regulatory frameworks.
- Obtained and analyzed information on complaints, defendants, and alleged misconduct in order to solve cases.
- Prepared evidence-based reports and coordinated with legal teams on investigative findings.

Education

Ph.D., Kinesiology (Exercise Psychophysiology) – University of Illinois at Urbana-Champaign

M.A., Social Psychology – University of Connecticut

B.S., Psychology (Honors) – University of Illinois at Urbana-Champaign

Selected Grants

- Beckman Scholars Program (Faculty Member/Mentor) – \$156,000 (2024 – 2027)
- NSF (PI): Neural & Behavioral Examination of Social Exclusion – \$148,106 (2012 – 2015)
- NIH Predoctoral Fellowship (PI) – \$30,564 (2006 – 2007)

Selected Publication Outlets and Highlights

- *Journal of Sport and Exercise Psychology, Psychophysiology, Neuroscience, Neurobiology of Aging, Social Cognitive and Affective Neuroscience, Brain and Cognition*
- National conference speaker (SABR, Cognitive Neuroscience Society, SPR).
- Featured in media including *Men's Health, The Athletic, Sports Info Solutions*.