

Theodore P. Imhoff-Smith

Madison, WI

timhoffsmith {at} wisc {dot} edu

Education

University of Wisconsin - Madison

August 2011

Bachelor of Arts

Major: Psychology

Certificate: Computer Science

Independent Research Project

September 2009 - December 2009

- Effects of Gender, Locus of Control, and Approach on Affective Response
- Designed, collected and analyzed data, and produced manuscript as part of coursework on experimental design and analysis

University of Wisconsin - Milwaukee (Continuing Education)

Cognitive Neuroscience

Spring 2015

Cellular and Molecular Neuroscience

Fall 2014

Manuscripts in preparation

Imhoff-Smith, T.P., Grupe, D.W., & Davidson, R.J. (in prep). *Respiratory sinus arrhythmia at rest associated with dynamic heart rate during threat in combat veterans and healthy controls.*

Kral, T.R.A., **Imhoff-Smith, T.P.**, Grupe, D.W., Patsenko, E.G., & Davidson, R.J. (in prep). *Mindfulness meditation training-related changes in default mode functional connectivity associated with changes in attention and mind-wandering.*

Grupe, D.W., **Imhoff-Smith, T.P.**, Wielgosz, J., Nitschke, J.B., M.A., & Davidson, R.J. (in prep). *A common neural substrate for elevated PTSD symptoms and reduced pulse rate variability in combat-exposed veterans.*

Conference presentations

Imhoff-Smith, T.P., Kral, T.R.A., Grupe, D.W., & Davidson, R.J. (2018, May). *MBSR increases PCC-DLPFC resting state functional connectivity relative to active control.* Poster presented at the 11th annual meeting of the Social Affective Neuroscience Society, Brooklyn, NY.

Kral, T.R.A., **Imhoff-Smith, T.P.**, Grupe, D.W., & Davidson, R.J. (2018, May). *Reduced anxiety and amygdala-sgACC resting state functional connectivity following MBSR.* Poster presented at the 11th annual meeting of the Social Affective Neuroscience Society, Brooklyn, NY.

Grupe, D.W., Wielgosz, J., **Imhoff-Smith, T.P.**, Nitschke, J.N., & Davidson, R.J. (2017, May). *Respiratory sinus arrhythmia and ventromedial prefrontal function in veterans with posttraumatic stress symptoms.* Oral presentation at the 72nd annual convention of the Society of Biological Psychiatry, San Diego, CA.

Imhoff-Smith, T.P., Grupe, D.W., & Davidson, R.J. (2017, March). *Parasympathetic tone, PTSD symptom profiles, and phasic heart rate during threat anticipation.* Poster presented at the 10th annual meeting of the Social Affective Neuroscience Society, Los Angeles, CA.

Imhoff-Smith, T.P., & Rozek, C.S. (2015, May). *The role of emotion regulation in student achievement.* Poster presented at the 87th annual meeting of the Midwestern Psychological Association, Chicago, IL.

Research and professional experience

- Center for Healthy Minds, University of Wisconsin - Madison* *June 2015 - Present*
Associate Research Specialist
Implement and manage day-to-day procedures, screening, data collection, and data quality for the Wisconsin Center for the Neuroscience and Psychophysiology of Meditation (P01AT004952). Co-manage training and development for team of nine full time core staff and 20+ undergraduate assistants. Assist research program manager with regulatory and budgetary tasks as needed. Assist with processing and analysis of psychophysiological data.
- Epic, Madison, WI* *June 2012 - June 2015*
Quality Assurance Specialist and Pod Lead for the Medication Administration Record
Managed and improved quality and process for a team of 17. Coordinated investigations for patient safety escalation across six clinical applications, designed usability curriculum for new employees, led and coordinated cross-team testing on multiple development projects.
- Harackiewicz Lab, University of Wisconsin - Madison* *January 2009 - December 2010*
Research Assistant
Recruited, collected data, coded and entered self-report data as well as trained other students.

Professional affiliations

- American Psychological Association, Division 12* *October 2013 - Present*
Social and Affective Neuroscience Society *May 2015 - Present*

Human services volunteer

- Grand Avenue Club, Milwaukee, WI* *December 2011 - May 2012*
Interfaith Senior Programs, Waukesha, WI *December 2011 - March 2012*

Distinctive skills

- Software Experience**
BIOPAC AcqKnowledge, COINS neuroimaging suite, RStudio, SPSS, MATLAB, Word, PowerPoint, Excel, Google Drive
- Data Processing Experience**
Conducted heart rate variability analysis (using CMetX and Python)
Co-developed processing pipeline for resting state fMRI (using bash and FSL)
Familiarity with structural MRI processing (using FreeSurfer)
- Programming Experience**
Java, C++, Python, R, MATLAB, M, Bash, HTML, CSS