LAURA HEMMY, PhD
- Clinical Research Scientist (Health Science Specialist), GRECC, Minneapolis VA Health Care System, Minneapolis, MN
- Assistant Professor, Psychiatry & Behavioral Sciences, University of Minnesota Medical School, Minneapolis, MN

Research Interests:
My research focuses on contrasts between healthy aging and late life neurodegenerative disease, and assessment practices to identify associated cognitive and functional impairments. Ares of interest include:
- The interaction between insight and assessment methods for cognitive and functional decline including comparisons of self- and other-report versus observational methods
- Evaluation of very early cognitive deficits in neurodegenerative disease
- The use of alternate presentation and analysis strategies for traditional cognitive testing
- Interventions to prevent clinical decline and preserve function
- Neural correlates of cognitive dysfunction in normative aging versus neurodegenerative disease

Recent Research Support:
- Co-Investigator, VA CSR&D, *Aging, PTSD, and the Anterior Cingulate Cortex*
- Co-Investigator, UMN Informatics Seed Grant, *Leveraging Natural Processing and Machine Learning Tools to Identify Prodromal Cognitive Impairment in Longitudinal Social Media Data*
- Co-Investigator, MN DOT, *Identification and Assessment of Preventative Methods to Mitigate Cognitive and Physical Declines Which Influence Driving Performance of Older Adults*
- Co-Investigator, VA CSR&D, *Biomarkers of Impulsivity in Parkinson's Disease*
- Co-Investigator, NIA R01, *Linking Connectomics to Biochemical Trajectories of Aging: How the Human Brain Ages Differentially in Key Regions of the Default Mode Network*
- Subcontract PI, NIA R01, *The Phenotypic Landscape of Cognitive Decline as Revealed by Next-Generation Multiplexed Ion Beam Imaging*
- Subcontract PI, NIA UF1, *Neuropathologic substrates for motor and cognitive impairment in three existing cohort studies of Alzheimer's disease and related dementias*
- Subcontract PI, NIA UF1, *Cognitive Resilience to Alzheimer's Neuropathologic Changes in the HAAS and the Nun Study*
- Co-Investigator, AHRQ HHSA, *Treatment of Clinical Alzheimer's-type Dementia and Diagnosis of CATD and Mild Cognitive Impairment*
- Co-Investigator, NIA R21, *Probing the Intracellular Environment in Normal Aging Using Magnetic Resonance*
- Co-Investigator, NIA R01, *Noninvasive Antioxidant Quantification in the Human Brain Under Oxidative Stress*
- Subcontract PI, NIA U01, *Neuropathologic Research on Dementia Using Nun Study and HAAS Data*
- Co-Investigator, AHRQ HHSA, *Interventions for Preventing Cognitive Decline and Alzheimer's Disease*

Place the link to your publications here:
http://www.ncbi.nlm.nih.gov/pubmed?term=Hemmy%20L%5BAuthor%5D

Education:
- BA Psychology, The Colorado College, Colorado Springs, CO, 1993

- MS Clinical Psychology, Texas A&M University, College Station, TX, 2001
- Internship Neuropsychology, GRECC, Minneapolis VAHCS, Minneapolis, MN, 2004
- PhD Clinical Psychology, Texas A&M University, College Station, TX, 2006

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