

## University of Minnesota

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### Analytics Core

SCHOOL OF PUBLIC HEALTH DIRECTORY

*Masonic Institute for  
the Developing Brain  
2025 East River Parkway  
Minneapolis, MN 55414*

June 1, 2022

Dear “Masonic Institute for The Developing Brain” (MIDB) committee,

I am pleased to support the current grant proposal, titled “*A Feasibility Study: Application Of Brain-Computer Interface In Augmentative And Alternative Communication For Non-Speaking Autistic Population*” with the collaboration of the University of Nebraska-Lincoln, Barkley Memorial Center and the University of Minnesota, Institute on Community Integration (ICI), TeleOutreach Core, and Biostatistics department, Analytics Cores, Masonic Institute for Developing Brain.

I have an extensive experience with neuroimaging research, including the connectivity of the human brain. My interdisciplinary research focuses on functional connectivity and imaging. From a methodological perspective, my primary interest is in time series analysis. My expertise in methods, EEG, time series could be related to how I could support the current proposed project. As the Director of Analytic Core, I can offer help with data analysis including data management, data cleaning, preprocessing and signal analysis for the data extracted from EEG.

Sincerely,

Mark Fiecas, Ph.D.,  
Assistant Professor  
Director of the Analytics Core  
Masonic Institute for the Developing Brain  
Division of Biostatistics  
University of Minnesota