**Personnel Justification**

*Personnel*

**Kambiz Tavabi, Ph.D.** (Principal investigator, 3.6 calendar months per year). Dr. Tavabi is a Research Scientist at the Institute for Learning & Brain Sciences (I-LABS), University of Washington. He is the principal investigator for this project and will be responsible for the overarching management of the project in addition to collecting and analyzing the electrophysiology data. Dr. Tavabi will prepare and submit the resulting manuscripts.

**Stephen Dager, M.D.** (Co-investigator, 1.2 calendar months per year). Dr. Dager is a Professor of Radiology and Adjunct Professor of Bioengineering at the University of Washington. He is a Research Affiliate and Associate Director of the University of Washington Center on Human Development and Disability. He is co-investigator for this project and will be responsible for collecting and analyzing magnetic resonance data, and coauthoring the resulting manuscripts.

**Annette Estes, Ph.D.** (Co-investigator, 0.96 calendar months per year). Dr. Estes is a Research Associate Professor in the Department of Speech and Hearing Sciences and an Adjunct Research Assistant Professor in the Department of Psychology at the University of Washington. Dr. Estes is also a licensed psychologist and director of the University of Washington Autism Center. She is a co-investigator and will be responsible for clinical and behavioral evaluations of individuals with autism spectrum disorder diagnosis recruited for this study. Dr. Estes will also be involved in coauthoring the resulting manuscripts.

**Patricia Kuhl, Ph.D.** (Co-investigator, 0.9 academic year months per year and 0.3 summer months per year). Dr. Kuhl is the Bezos Family Foundation Endowed Chair for Early Childhood Learning, Co-Director of the UW Institute for Learning & Brain Sciences, Director of the NSF-funded Science of Learning Center, and Professor of Speech and Hearing Sciences. She is the PI’s faculty mentor and supervisor in this project and will co-author resulting manuscripts. Dr. Kuhl’s effort will be provided by non-Federal funds; no support is being requested from NIH. This cost share commitment is necessary due to budget limitations and the necessity of her effort and expertise for the success of the project.

**Jeff Munson, Ph.D.** (Co-investigator, 0.12 calendar months per year). Dr. Munson is a Research Assistant Professor of Psychiatry and Behavioral Sciences and Research Affiliate in the Center on Human Development and Disability. He is a co-investigator and will be responsible for NIH required research data sharing and dissemination through the University of Washington Autism Center clinical and research data repository.

**TBA** (Research Study Assistant, 3.5 calendar months per year). An hourly research assistant will help with recruiting, running, tracking subjects, and supporting the PI in this project. S/he will be responsible for coordinating efforts with certified and/or licensed psychologist(s) to recruit and track subject data.

*Fringe Benefits*

Per current UW policy, the fringe benefits are calculated by job classification at the following rates: faculty 22.7% and hourly 17%.