

BIOGRAPHICAL SKETCH

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NAME: Vero, Joseph

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: Unit Computing Specialist

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	END DATE MM/YYYY	FIELD OF STUDY
Rutgers School of Engineering, Piscataway, New Jersey	BS	05/2016	Biomedical Engineering
Rutgers Graduate School, Piscataway, New Jersey	MENG	12/2021	Biomedical Engineering
Rutgers Graduate School, Piscataway, New Jersey	PHD	05/2026	Cognitive Science

A. Personal Statement

Ph.D. student in cognitive science with a Master's degree in biomedical engineering and hands-on experience in the Sensory Motor Integration Lab. Expert in creating custom data acquisition and processing pipelines and developing full-stack apps for remote data capture. My research focus is on developing kinematic biomarkers for the detection and tracking of neurological disorders, such as autism and Parkinson's disease.

B. Positions, Scientific Appointments and Honors**Positions and Scientific Appointments**

2021 - Unit Computing Specialist, Rutgers University, Piscataway, NJ

C. Contribution to Science

1. a. Ryu J, Vero J, Dobkin RD, Torres EB. Dynamic Digital Biomarkers of Motor and Cognitive Function in Parkinson's Disease. *J Vis Exp*. 2019 Jul 24; PubMed PMID: 31403620.
- b. Torres EB, Vero J, Rai R. Statistical Platform for Individualized Behavioral Analyses Using Biophysical Micro-Movement Spikes. *Sensors (Basel)*. 2018 Mar 29;18(4) PubMed Central PMCID: PMC5948575.
- c. Caballero C, Mistry S, Vero J, Torres EB. Characterization of Noise Signatures of Involuntary Head Motion in the Autism Brain Imaging Data Exchange Repository. *Front Integr Neurosci*. 2018;12:7. PubMed Central PMCID: PMC5844956.