

## **Human Intracranial Neurophysiology Postdoctoral Fellow Chivukula Research Lab**

A Human Intracranial Neurophysiology postdoctoral fellow training position is available in the laboratory of Dr. Srinivas Chivukula [profile](#), in the Department of Neurological Surgery at UT Southwestern Medical Center to study human intracranial neurophysiology, with a focus on advanced signal analytics. Our lab [Chivukula Lab](#) is involved in understanding the neural basis of human cognition and behavior. Projects include examining how sensory and motor behavior engage shared neural populations, how error is encoded in prefrontal and posterior parietal cortex and how decisions are made. We use primarily local field potential (LFP) and single-unit recordings from awake, interactive, human research participants undergoing open neurosurgical procedures.

Candidates must hold a Ph.D. and/or M.D. degree. Required skills include proficiency with Matlab/Python and experience in neural signal analyses, including analysis of field potential, electrocorticography, and multi-unit activity, preferably in humans. Experience with machine learning and circuit level analytics and modeling is preferred. Proven productivity and teamwork as evidenced by publication in peer-reviewed journals, is recommended. The position requires a 2-year minimum commitment.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Interested individuals should send a CV, statement of interests, and a list of three references to:

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