

POST-DOCTORAL FELLOW
Department of Biomedical Engineering
University of Cincinnati

Dr. Thomas M. Talavage, Head of the **Department of Biomedical Engineering (BME)** in the **College of Engineering and Applied Science (CEAS)** at the **University of Cincinnati** invites applications for multiple post-doctoral fellowship positions (Requisition # 53602) within his laboratory. Positions will be supported for up to two (2) years from the date of hire.

JOB DUTIES: The position(s) will involve collection and subsequent analysis of neuroimaging, behavioral, and physiologic data for the purpose of modeling the physiologic processes associated with near-term consequences of exposure to repetitive head acceleration events during participation in sport. Successful candidates will be expected to serve as study coordinators while also participating in one or more of subject recruitment, collection of structural and functional magnetic resonance imaging data, use and refinement of wireless telemetry, novel statistical analysis of multi-modal data, and preparation and submission of research findings to peer-reviewed journals.

MINIMUM QUALIFICATIONS: Candidates must have a Ph.D. in biomedical engineering, or equivalent doctoral degree in physics, neuroscience, or another related field, prior to the effective date of the appointment. Desired skills and experience include magnetic resonance imaging, biomedical signal and image processing, familiarity with UNIX and scripting languages such as MATLAB or Python, and biostatistics.

To be considered for this position, applicants must apply via the site <https://jobs.uc.edu/>, and search REQ# 53602. The application package should include a curriculum vitae and contact information for three references.

*The University of Cincinnati, as a multi-national and culturally diverse university, is committed to providing an inclusive, equitable and diverse place of learning and employment. As part of a complete job application you will be asked to include a **Contribution to Diversity and Inclusion** statement.*

As a UC employee, and an employee of an Ohio public institution, if hired you will not contribute to the federal Social Security system, other than contributions to Medicare. Instead, UC employees have the option to contribute to a state retirement plan (OPERS, STRS) or an alternative retirement plan (ARP).

The University of Cincinnati is an Affirmative Action / Equal Opportunity Employer / Minority / Female / Disability / Veteran.

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