

**Postdoctoral Scientist in Neuroscience and Molecular
Biology**

VA-BU-SLI CTE Brain Bank

Boston University School of Medicine

VA Bedford Healthcare System

Be part of groundbreaking research into one of the most interesting areas of neuroscience, Chronic Traumatic Encephalopathy (CTE; the long-term effects of repetitive brain trauma in athletes).

Research Description: We are currently seeking a postdoctoral fellow to work in the laboratory of Dr. Ann McKee on the molecular biology of trauma-induced neurodegenerative disease. The lab is focused on characterizing and elucidating the mechanisms of Chronic Traumatic Encephalopathy (CTE). The project would involve the study of the tauopathy and abnormal TDP-43 in CTE using protein biochemistry, genetics, and RNA analysis on post-mortem human tissue, animal models, and tissue culture.

Qualifications: Ph.D., M.D. or equivalent from an accredited institution with a background in molecular biology or related field.

Applicants should have experience with: protein biochemistry including immunoprecipitation, ELISA, and Western blot (familiarity with mass spectrometry techniques desirable); Cell culture, especially neuronal cell culture; Mouse models including stereotactic work

Primary responsibilities:

- Research design and technical assistance to investigators
- Develop & conduct high quality substantive & methodological research
 - Publish peer-reviewed articles, book chapters, and/or books
 - Teach techniques to others including technicians and students

Candidates should send via email a letter of application (indicating their area(s) of expertise, research interests, and interest in the position), curriculum vitae, and full contact information for three references to Lauren Murphy at lmurphy2@bu.edu. An in-person interview will follow for top applicants.

