



**Research Fellow/Postdoc in
Pain Neuroimaging
University of Michigan, Ann Arbor, MI**



The Headache and Orofacial Pain Effort (H.O.P.E.) requests applications for Research fellow/Postdoc to work on a TMD research program funded by NIH-NIDCR. The program uses neuroimaging to investigate central mu-opioid mechanisms of chronic TMD pain. Knowledge of Linux/UNIX operating systems as well as programming experience is required, as is a good level of comfort with novel computer applications and statistics. Previous research experience with positron emission tomography and/or MRI-based neuroimaging methods and analyses is also needed. We are seeking applicants with strong self-motivation to work in a highly creative, altruistic, and mentoring environment. The applicant will be exposed to other tech-innovations in chronic pain (e.g., migraine, dental and cancer pain), such as:

Neuroimaging/Neuronavigation:

<http://www.ns.umich.edu/new/multimedia/videos/21402-hologram-like-3d-brain-helps-researchers-decode-migraine-pain>

Neuromodulation:

<http://www.jove.com/video/2744/electrode-positioning-montage-transcranial-direct-current>

Mobile Technology:

<http://www.ns.umich.edu/new/multimedia/videos/20960-new-mobile-app-helps-migraine-sufferers-track-and-analyze-pain>

H.O.P.E. is a multidisciplinary collaborative effort at University of Michigan to investigate the brain as a research and therapeutic target for headaches and orofacial pain disorders. The University of Michigan is an equal opportunity affirmative action employer.

Initially a curriculum vitae and letter of intent should be sent to:

Alexandre F. M. DaSilva, DDS, DMedSc
Director, Headache and Orofacial Pain Effort (H.O.P.E.) TM
Biologic & Material Sciences, School of Dentistry
The Molecular & Behavioral Neuroscience Institute (MBNI)
adasilva@umich.edu