

Postdoctoral Research Fellow – trigeminal and gustatory neurophysiology

An NIH-funded postdoctoral research fellow position is available in the laboratory of Christian Lemon at the University of Oklahoma. The successful applicant will receive training in and contribute to experiments investigating the involvement of the oral trigeminal system in unisensory and multisensory processing relevant to flavor perception. Specific experiments involve mouse models and will focus on in vivo neurophysiological and molecular analyses of oral thermal coding and discrimination by brain trigeminal cells and also studies of trigemino-taste integration in CNS pathways. These projects will use, in part, a combination of systems electrophysiology, quantitative methods, and optogenetics to mechanistically study how trigeminal neurons encode oral sensory information relevant to flavor and interact with neural circuits for taste. For relevant publications, please see: <https://www.ncbi.nlm.nih.gov/pubmed/?term=DC011579>

The applicant is expected to have earned, or is about to receive, a Ph.D. or equivalent degree in a relevant field (e.g., Neuroscience, Psychology, Neurobiology, etc.). Experience with electrophysiology and/or optogenetics is preferred, but not required. Applicants must submit a cover letter and curriculum vitae that includes the names and contact information for three references.

Applicants must apply online at <https://jobs.ou.edu>. The job requisition number is 171037. (<https://ou.taleo.net/careersection/2/jobdetail.ftl?job=171037>). Computers and personal assistance are available at the Office of Human Resources, 905 Asp, Room 205, Norman, OK 73069. Include job requisition number on all correspondence. Deadlines subject to change with or without notice. For further information on this or other University of Oklahoma job opportunities, please call (405) 325-1826 or access our website at www.hr.ou.edu. The University of Oklahoma is an equal opportunity institution (www.ou.edu/eoo).