

## Postdoctoral Training Position Available

The [laboratory](#) of [Dr. Peter Douglas](#) is seeking a highly motivated postdoctoral researcher to join our team in the Department of Molecular Biology at the University of Texas Southwestern Medical Center in Dallas.

Our laboratory has two major focuses: (1) metabolic stress and intracellular lipid sensing in the context of cellular and organismal physiology and aging; (2) long-term ramifications of traumatic brain injury and concussion with emphasis on defining molecular and cellular mechanisms in the context of cell-to-cell communication. Model systems used include human cells/stem cells and *in vivo* models of mouse and/or *C. elegans*.

We welcome applications from individuals interested in conducting their postdoctoral work in an inclusive, collegial and interactive environment. This position requires knowledge in the fields of molecular biology, cell biology, neurosciences, and genetics. Techniques used include live cell imaging and indirect immunofluorescence, flow cytometry, plasmid design/cloning, CRISPR/Cas9 genetic editing, and biochemistry including western blots, subcellular fractionations, immunoprecipitations, RNA isolation coupled with RNAseq analysis. The ability to analyze large datasets including transcriptomics, proteomics, lipidomics and metabolomics is also desired.

**Required Qualifications:** Ph.D. in an appropriate scientific field such as molecular biology, cell biology, biochemistry, and/or genetics.

**Preferred Qualifications:** Applicants should have an excellent academic track record (including publications in peer-reviewed journals), demonstrate strong oral and written communication skills in English, and have the ability to work both independently and as part of a multidisciplinary team. Although funding is available through the lab, fellows are expected to prepare and submit competitive fellowship applications.

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 Dr. Peter Douglas at [peter.douglas@utsouthwestern.edu](mailto:peter.douglas@utsouthwestern.edu)

[Peter Douglas, Ph.D. - Faculty Profile - UT Southwestern](#)

[Douglas Lab | UT Southwestern, Dallas, Texas](#)

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### UT Southwestern Research and Training at a Glance:

- World's No. 3 health care institution for publishing high-quality scientific research, according to the 2023 Nature Index
- Home to nationally and internationally recognized physicians and scientists, including Nobel Laureates, HHMI investigators, members of the National Academy of Sciences and of Medicine
- Over \$550M in research funding
- Comprehensive core facilities
- Burgeoning biotech hub
- Blackstone LaunchPad entrepreneurial training and tools
- Postdoctoral certificate program, including nanocourses
- Graduate Career Development Office
- Postdocs have gone into careers in academia, biotech, pharma, consulting, and non-profits

### Compensation & Benefits

Postdoctoral Scholars are eligible for:

- Pay at the level of NIH NRSA stipends or higher and yearly pay review
- Health, Dental, and Vision Insurance Plans
- Retirement Benefits for employees
- Paid Time Off
- Relocation expenses for eligible appointments
- Student parking rates
- Access to the Student Center and Student Health/Student Wellness

**Dallas** offers big city excitement with quiet suburbs in a mix of Texas friendliness and cosmopolitan offerings.

**UT Southwestern**  
Medical Center