

Postdoctoral Training in Gene Regulation

Molecular Mechanisms, Computational Genomics, Mouse Genetic Models, RNA Biology and Noncoding RNAs, Protein Structure, Translational/Clinical

A postdoctoral training position is available in the laboratory of [Dr. W. Lee Kraus](#), in the [Cecil H. and Ida Green Center for Reproductive Biology Sciences](#) at UT Southwestern Medical Center to study signaling and gene regulation. The [Kraus Lab](#) has several exciting projects related to a broad array of topics, including signaling, gene regulation, and genome function, especially in the areas of chromatin, transcription, epigenetics, RNA biology, and nuclear endpoints of cellular signaling pathways. We are interested in a wide variety of model systems and experimental approaches, including biochemistry, molecular biology, structural biology, animal models, genomics, proteomics, bioinformatics, and computational biology.

Projects in the lab are focused on signal-regulated transcription in the chromatin environment of the nucleus, with a focus on the estrogen and nuclear NAD⁺ signaling pathways, PARPs, and non-coding RNAs in mammalian biological systems (e.g., hormone signaling, inflammation, ES cell biology, adipogenesis, and metabolism). See PubMed for [Kraus Lab publications](#).

Information on our postdoctoral training program, benefits and a virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Candidates must hold a Ph.D. and/or M.D. degree. Experience in any of the following: Biochemistry, Molecular Biology, Structural Biology, Genomics, and/or Computational Biology, leading to publication in peer-reviewed journals is recommended. Interested individuals should send a CV, statement of interests, and a list of three references to:

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