Temple University

Biology Department
Position Title: Non-tenure Track Research Assistant Professor
Location: Philadelphia, PA
Application Deadline: March 31, 2026
Anticipated Start Date: May 1, 2026

Position Summary

The Yu-Chieh David Chen lab in the Biology Department invites applications for a non-tenure track Research Assistant Professor position in Molecular, Cellular, and Developmental Biology within the College of Science and Technology, beginning May 01, 2026. We are seeking someone to lead research projects investigating the molecular and genetic mechanisms underlying neural circuit formation. The successful candidate will drive independent and collaborative studies using advanced genetic, developmental, and imaging approaches in Drosophila or related model systems.

Responsibilities

- Conduct scholarly research and publish in peer-reviewed venues.
- Seek external funding to support research activities.
- Mentor and advise students from different backgrounds.
- Contribute to departmental, college, and university service.

Qualifications

Required:

- Ph.D. in Biology or a related field, completed by start date.
- Demonstrated potential in research, with strong training across genome engineering, chromatin biology, and gene regulation in diverse model systems.
- Extensive experience in CRISPR-based genome editing, mutant line generation, and molecular cloning.
- Proven expertise in transcriptome analysis, protein interaction studies, and functional genomics approaches.
- Experience working across multiple biological systems, including cell lines and insects (e.g., Drosophila and non-model Diptera).

Preferred:

- Evidence of collaborative and interdisciplinary research across diverse biological systems.
- Specialization in developmental biology, chromatin biology, or molecular genetics.
- Experience with 3D genomics, single-cell genomics, and advanced imaging approaches (confocal and super-resolution microscopy).

- Expertise in proteomics, protein structure–function studies, and biochemical interaction assays.
- Demonstrated success in developing innovative genome engineering strategies.
- Strong research management and project coordination skills, including rigorous data analysis and communication in multidisciplinary environments.

About the Department

The Department of Biology is one of the largest at Temple University and serves a diverse student body with broad interests. Our internationally recognized faculty apply interdisciplinary approaches to research and teaching. We incorporate research training into our curriculum at every level from first-year in college to the completion of a Ph.D. to help students achieve their goals and prepare for their careers.

About Temple University

Temple University, founded in 1884, is a Carnegie R1 (Very High Research Activity) institution and one of the nation's largest urban public research universities. Located in North Philadelphia, just 1.5 miles from Center City, Temple enrolls more than **30,000** students across undergraduate, graduate, and professional programs.

As an anchor institution in North Philadelphia, Temple is deeply engaged with the surrounding community through educational partnerships, workforce development, and neighborhood initiatives. Faculty and students benefit from the university's dynamic urban setting, vibrant campus life, and opportunities to contribute to research, teaching, and service that make a meaningful impact locally and globally.

We are committed to fostering a welcoming environment for students, faculty, and staff. We believe that diversity (of experiences, thought, etc.) enriches our learning environment and strengthens our academic community. We encourage applications from individuals whose backgrounds, experiences, and perspectives will enhance our commitment to these values.

Application Instructions

Applicants should submit:

1. Cover letter addressing qualifications.
2. Curriculum vitae.
3. Statement of research interests.

4. Statement of contributions working effectively in an urban environment
5. Contact information for three professional references.

Apply via email by March 31, 2026. For questions, contact Yu-Chieh David Chen at yu-chieh.chen@temple.edu.

Equal Employment Opportunity Statement

Temple University values diversity and is committed to equal opportunity for all persons regardless of age, color, disability, ethnicity, marital status, national origin, race, religion, sex, sexual orientation, veteran status or any other status protected by law.