

Post-Doctoral position in the Denard Lab  
University of Florida

Direct Link: <https://www.AcademicKeys.com/r?job=229724>

Downloaded On: May. 8, 2024 12:54pm

Posted Jan. 30, 2024, set to expire May 31, 2024

<b>Job Title</b>	Post-Doctoral position in the Denard Lab
<b>Department</b>	Chemical Engineering <a href="https://www.thedenardlab.com/">https://www.thedenardlab.com/</a>
<b>Institution</b>	University of Florida Gainesville, Florida
<b>Date Posted</b>	Jan. 30, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Chemical/Petroleum Bioengineering (all Bio-related fields) Engineering - Other
<b>Job Website</b>	<a href="https://explore.jobs.ufl.edu/en-us/job/525643/postdoctoral-associate">https://explore.jobs.ufl.edu/en-us/job/525643/postdoctoral-associate</a>
<b>Apply By Email</b>	<a href="mailto:cdenard@ufl.edu">cdenard@ufl.edu</a>
<b>Job Description</b>	

The research laboratory of protein engineering and synthetic biology led by Dr. Denard ( [THE DENARD LAB AT UF CHEMICAL ENGINEERING - Home](#)) in the Department of Chemical Engineering at the University of Florida invites applications for a fully funded post-doctoral position. The Denard lab focuses on developing high-throughput tools to evolve and reprogram enzymes that catalyze post-translational modifications (PTM-enzymes), including proteases, kinases, and others. The postdoctoral associate would be involved in several ongoing projects in the lab. One project is to discover modulatory proteins (antibodies, nanobodies, etc...) that can reprogram the activity of PTM-enzymes using a powerful high-throughput discovery platform. In this project, the postdoctoral

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associate will introduce deep learning to the project to establish sequence function relationships and predict modulator properties from sequence (funded by NIH MIRA) and expand the platform to other enzymes. Other projects in the lab include: 1) comprehensive profiling and engineering of sortase substrate specificity, 2) developing an aggregation sensor to study the sequence function relationship of a human protein aggregation disease, 3) engineering protein disaggregases, and 4) building a yeast model to study the mutational landscape of SRP54 and uncover how congenital mutations lead to human disorders (funded by Live Like Bella Foundation Grant) ([UF researcher receives grant to study gene involved in pediatric cancers » Cancer Center » UF Health Cancer Center » University of Florida \(ufl.edu\)](#)).

The Denard lab: Our lab is funded by an NIH MIRA, a Live Like Bella Foundation Grant and the NSF CAREER award. The Denard is a young, vibrant, and inclusive research. In the Spring of 2022, we moved in brand new facilities. We are supported by state-of-the-art instruments, both in our lab and in core facilities. The postdoctoral associate will be involved in multiple projects, able to advance their career on multiple fronts.

University of Florida: Over the past 10 years, the State of Florida invested over 1.5 billion dollars to advance the University of Florida. UF research expenditures averaged over \$950M per year over the last 3 years. As a result, UF is now the 5th ranked public university in America (US News & World Report). The Herbert Wertheim College of Engineering, The SHANDS Hospital, and the College of Medicine, all in proximity, foster cross-college, highly interdisciplinary collaborations. The city of Gainesville is a university town with a relatively low cost of living, a high quality of life, and a location ~2 hours from 3 major cities (Orlando, Tampa and Jacksonville). University of Florida counts among its greatest strengths — and a major component of its excellence — that it values broad diversity in its faculty, students, and staff and creates a robust, inclusive and welcoming climate for learning, research and other work. The University of Florida is an Equal Opportunity Employer.

### **EEO/AA Policy**

1.0061 Affirmative Action Plan for Equal Employment Opportunity, and Administrative Organization for the Affirmative Action Program.

(1) Equal Employment Opportunity Policy.

(a) The University shall provide equal employment opportunities and practices for all qualified

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persons which conform to laws against discrimination on the basis of race, creed, religion, color, marital status, protected veteran status, sex, national origin, disability, political opinions or affiliations, age, genetic information, or handicap; and to promote the full realization of equal opportunity through a positive, continuing program of affirmative action which shall be aimed at enlarging and expanding the employment opportunities of qualified women and minority groups throughout the University.

(b) The University is committed to three (3) basic goals relating to Equal Employment Opportunities:

1. The analysis of current practices and policies, and the adoption of new or revised practices and policies when necessary, to insure the establishment of specific procedures for equalizing.
2. The elimination and correction of practices and individual inequities which perpetuate or result from discrimination toward women or minority groups.
3. The intensified recruitment and consideration of women and minority groups to ensure that candidates and employees with appropriate qualifications, potential, and responsibility are afforded equal opportunity for selection, training, and promotion, and are compensated without discrimination due to race, creed, color, religion, marital status, protected veteran status, sex, national origin, political opinions or affiliations, age, genetic information or disability.

(c) The University shall provide for Equal Employment Opportunity by:

1. Recruiting, hiring, training, and promoting persons in all job classifications without discrimination with regard to race, creed, color, religion, protected veteran status, marital status, national origin, political opinions and affiliations, sex, age, genetic information, or disability, unless specific sex, age, physical or mental disabilities are bona fide occupational qualifications.
2. Insuring that employment and promotion decisions are in accord with existing criteria.
3. Insuring that all personnel actions, benefits, and programs are administered without illegal discrimination.

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(2) Affirmative Action Plan for Equal Employment Opportunity — The Affirmative Action Plan for Equal Employment Opportunity, as mandated by Executive Order #1246, implements the Equal Employment Opportunity Policy stated above. The Plan is subject to annual review and change as circumstances require. The Plan contains a set of specific and result-oriented procedures to which the University commits every good faith effort, a work force analysis which identifies deficiencies in the representation of women and minority groups, and goals and timetables to correct the deficiencies and to increase the employment of women and minorities at all levels.

(3) Administrative Organization of the University's Affirmative Action Program.

(a) The Vice President for Human Resource Services is designated by the University President as the University's Chief Administrative Officer for Affirmative Action. He or she shall have the authority and responsibility to take the steps necessary to fully implement the Plan and any changes therein, provide a continuing process for reviewing performance under the Plan, and take corrective action when needed to assure full compliance with the Plan and University of Florida Regulations 1.0061 and 1.0062. Penalties for infractions of the University's Affirmative Action Plan or Regulations shall be administered pursuant to University of Florida Regulation 1.007.

(b) The Vice President for Human Resource Services shall be assisted by the Director of Institutional Equity and Diversity. He or she shall work with University personnel to insure full coordination and compliance with the Plan and Regulations of the University of Florida governing equal employment opportunity and affirmative action.

(c) The Senior Vice Presidents and Vice Presidents shall be responsible for the implementation of the University's affirmative action plan and shall ensure compliance with the plan in his or her area of supervision.

(d) Each Dean or Director shall appoint an Equity Officer to serve as liaison between the Office of Institutional Equity and Diversity and the units of his or her division or college.

**Contact Information**

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Please reference Academickeys in your cover letter when  
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**Contact**

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