Research Scientist (UCSF Dolby Family Center for Mood Disorders)
The UCSF Department of Psychiatry and Behavioral Sciences is seeking a research scientist to oversee clinical translational research and to manage collaborative research projects with other scientists as well as private companies/industry sponsors.
Under the general direction of the director/principal investigator, Dr. Andrew Krystal, this role will oversee scientific research programs and research projects for the UCSF Dolby Family Center for Mood Disorders, and specifically the Dolby Closed-Loop Deep Brain Stimulation Study for Treatment-Resistant Major Depression (NCT04004169).

Responsibilities will include independently identifying, developing and overseeing research processes/strategies, projects and collaborations; initiating strategic alliances and cross-disciplinary collaborations (industrial and non-industrial); assessing, identifying and overseeing regulatory needs; supervision of program research staff, research scientists, fellows, postdocs and students; and interfacing with investigators, collaborators, and local and federal grant agencies to initiate and complete various grants.

Organizational/program development (50%)

1. The individual will work very closely with the director of the program to organize and hold meetings with scientific and business personnel and collaborators, to plan and implement scientific concepts, projects, grants, workshops, seminars, and lectures that will expand opportunities for scientific interaction and collaboration to increase the program's growth.
2. The individual will represent the director as necessary. May supervise support staff, and researchers, and will review grants and subcontracts. Create novel research concepts and collaborations and ensure lab experimental progress to validate these concepts.
3. The individual will develop proposal packages for submittal to NIH and other funding agencies; Supervise and oversee progress and results of funded projects and liaison with other principal investigators and business leaders.
4. The individual will plan and execute strategic research initiatives and business-research models to increase sponsored research support for the UCSF Dolby Family Center for Mood Disorders.
5. The individual will conduct outreach and promote the program's mission and opportunities to researchers, educators and students, private industry leaders, and government officials and policymakers.
6. The individual will initiate and sustain the research creativity and business by identifying new funding initiatives and opportunities, cultivating and creating strategic alliances with potential intra- and extramural funders, and supervise lab researchers with scientific proposal concepts and grant development for submission as funding opportunities arise.
7. The individual will liaise with the Office of Technology, Clinical & Translational Sciences Institute, Quantitative Bioscience 3 (QB3), for patent development licensing issues to spin-off technologies that will arise from the programs research findings. The individual will interact with big pharma and biotech business leaders on all matters related to research and business proposals for program development and progress purposes.

Program research (50%)

1. The individual will create and submit grant proposals and participate in writing manuscripts.
2. The individual will create novel research concepts and carry out the research and ensure
that the research staff implements and carries out the plan properly.

3. The individual will teach laboratory personnel to carry out any experimental procedures/methodologies that will be required to progress the program’s research.

4. The individual will manage and direct the program’s research scientist team with respect to conceptual research projects, aiming to translate into clinical utility.

5. The individual will ensure that the laboratory-team is making research-progress and exploring all options of research available.

6. The individual will maintain, organize and in a timely manner renew and keep updated all laboratory protocols.

7. The individual will develop research proposals based on novel scientific data and interact with multiple cross-disciplinary investigators from multiple organizations, both national and international.

8. The individual will interact with the manager/director for administration, with respect to collaborations, grants office, and research personnel to oversee research grants, budget modifications, and adjustments to scopes of work.

9. The individual will be expected to provide supervision, mentoring, guidance, and leadership on scientific and research matters, as well as research activities.

**Required qualifications**

- PhD in neuroscience, biomedical sciences, biomedical engineering, bioengineering, or related fields.
- Advanced knowledge of clinical research, signal processing, time series analyses, EEG, advanced statistics, Python, brain stimulation therapies, neural modeling, biomarker development, and brain stimulation and recording techniques.
- One or more years of post-doctoral research.
- Demonstrated ability to contribute independently to the design and successful completion and troubleshooting of experiments, data analysis, and reporting.
- Be an innovative and “out-of-the box” thinker who excels in novel discoveries in multidisciplinary fields.
- Proven skills and experience in independently resolving broad problems that may arise in collection or analysis of laboratory data.
- Self-motivated with ability to work independently and as part of a team. Able to learn effectively and meet deadlines.
- Demonstrated experience and ability to collaborate effectively with all levels of staff; technical, students, faculty, and administrators.
- Demonstrated effective communication and interpersonal skills.
- Demonstrated ability to communicate technical information to technical and non-technical personnel at various levels in the organization and to external research and education audiences.
- Proven ability to successfully work on multiple concurrent projects.
- Demonstrate high integrity and professionalism to work with patient data in a HIPAA-compliant and ethically responsible manner.
- Ability to effectively manage his/her own time.
- Ability to keep laboratory protocols updated and the laboratory functioning in compliance.
- Ability to write grants and proposals for funding.
- Ability to work closely and collaboratively with colleagues and other lab members and other labs/contract research organizations/other academic medical centers/consultants.

**Preferred qualifications**

- Demonstrated ability to regularly interface with management.
- Proven ability to understand research cycles that extend beyond a 2-year window.
- Interest and proven ability to train and guide the efforts of junior members of the team towards carrying out the broader goals of the laboratory.

Screening of applicants will begin immediately and will continue as needed throughout the recruitment period. Salary and rank will be commensurate with the applicants' experience and training. Please apply online at https://aprecruit.ucsf.edu/JPF03500 [1].

UC San Francisco seeks candidates whose experience, teaching, research, or community service that has prepared them to contribute to our commitment to diversity and excellence. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

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[1] https://aprecruit.ucsf.edu/JPF03500