Postdoctoral Fellowships in Biological Physics

CTBP is a consortium of researchers from UCSD, the Salk Institute for Biological Studies and the University of Michigan, involved in research on fundamental problems at the interface between physics and biology. Center research revolves around three synergy themes – **Cellular Tectonics**, the dynamic mesoscale structure of the intracellular milieu; **Computational Approaches to Intracellular and Intercellular Communication**, chemical-based reaction-diffusion governed communication across complex spaces; and **Gene Regulatory Networks**, genetic/signaling networks exhibit specificity and robustness in the face of intrinsic stochasticity, and yet retain evolvability. We are soliciting applications for postdoctoral fellowships. We highly encourage applicants who are recent graduates from traditional disciplines of physics (e.g., condensed matter), chemistry (biochemistry, physical chemistry) and biology (molecular biology, genetics, bioinformatics) who are interested in learning and applying physics concepts towards developing a better and more quantitative understanding of biological phenomena.

Applications are typically reviewed in November and May for Center fellowships, and as received for fellowships with individual research groups. Fellowships include a very competitive compensation and benefits package, and start dates are very flexible.

**APPLY** Online at: [http://ctbp.ucsd.edu/research_pd.html](http://ctbp.ucsd.edu/research_pd.html)

CTBP faculty include:

- Henry Abarbanel, Physics, UCSD
- Olga Dudko, Physics, UCSD
- Terence Hwa, Physics, UCSD
- Bo Li, Mathematics, UCSD
- Jose Onuchic, Physics, UCSD
- Terence Sejnowski, Salk Institute
- Wei Wang, Chemistry, UCSD
- Charles Brooks, III, U Michigan
- Michael Holst, Mathematics, UCSD
- Herbert Levine, Physics, UCSD
- J. Andrew McCammon, Chemistry, UCSD
- Wouter-Jan Rappel, Physics, UCSD
- Tatyana Sharpee, Salk Institute
- Peter Wolynes, Chemistry, UCSD

[http://ctbp.ucsd.edu](http://ctbp.ucsd.edu)

For more information contact Christopher Smith, PhD., CTBP/Physics, 9500 Gilman Drive, MC0374, University of California, San Diego, CA 92093, csmith@ctbp.ucsd.edu  (858) 534-8370.

*CTBP is a Physics Frontiers Center of the National Science Foundation*