Postdoctoral Position in NMR, Protein Folding and Protein Engineering in the Department of Chemistry and Biochemistry at the University of California, Santa Cruz.

The Millhauser Laboratory at the University of California, Santa Cruz invites applications for the position of postdoctoral scholar. The selected individual will participate in the lab’s ongoing research into proteins that regulate metabolic function. The position is for one year but renewable for two to three years, contingent on research progress and availability of funds.

**Background** The Millhauser lab has had a long term interest in the agouti-related protein (AgRP), a signaling molecule of the central nervous system that potently regulates metabolic function. Mutations of AgRP are linked to disease states. Alternatively, preliminary results suggest that AgRP may be engineered to serve as an important therapeutic. Research for this postdoctoral position will focus on: 1) studying by solution NMR how mutations affect fold and function and 2) how the protein can be chemically modified to treat wasting diseases such as cancer and AIDS.

**Required Qualifications** A Ph.D. in Chemistry, Biochemistry or related field. Candidates must have prior experience with solution NMR, as well as protein chemistry and protein mutagenesis. The research is highly collaborative, involving partner labs that carry out receptor binding and physiological experiments. Consequently, excellent communication and writing skills are also required.

**Preferred Qualifications** Experience with Western blotting, mammalian cell culture, mass spectrometry and related analytical techniques.

**Salary** Commensurate with qualifications.

**Position Available** Immediately.

**To Apply** Email a cover letter, CV and contact information for three references to Professor Glenn Millhauser, glennm@ucsc.edu. Applications not meeting the Required Qualifications (above) will not be considered.

**Laboratory Website** [https://millhauser.chemistry.ucsc.edu](https://millhauser.chemistry.ucsc.edu)

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