

# Stanford

---



## Daniel Fernandez

Director of Crystallography  
Stanford ChEM-H

### CONTACT INFORMATION

- **Lab Phone**

Tel (650) 497-0109

### Bio

---

#### BIO

My research interests have always been focused on understanding how molecules affecting our life work. Since enzymes, proteins, DNA, and RNA, and their low molecular weight ligands, co-factors, and metal ions are all extremely tiny entities invisible to the naked eye, I use crystallographic methods to bring them in sight. This can be achieved by using the brightest of light sources, the synchrotron light produced at the Stanford Synchrotron Radiation Lightsource at SLAC.

At the ChEM-H Macromolecular Structure Knowledge Center (MSKC) my work focuses in structural biology. Obtaining good quality macromolecular three-dimensional structures is paramount for advancing knowledge. Tremendous advances in automation and newer generations of screenings dedicated for protein crystallography allow researchers to a successful structure determination. At MSKC you'll find those tools and, more importantly, a fertile ground to develop your ideas.

#### ACADEMIC APPOINTMENTS

- Basic Life Science Research Associate, Stanford ChEM-H

#### PROFESSIONAL EDUCATION

- PhD, Universitat Autònoma de Barcelona , Biotechnology (2009)
- Licenciado, Universidad Nacional de San Martín , Biotechnology (2003)

#### LINKS

- Macromolecular Structure Knowledge Center: <https://mskc.stanford.edu/>