

SAMUEL JOSEPH LORD, PH. D.

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EDUCATION & HONORS

Ph. D. in Chemistry: Stanford University **2010**

B. S. in Chemistry: University of North Carolina, Chapel Hill **2004**

2010-2012 ACS Sigal Postdoctoral Fellow; 2008 Stanford Sessler Graduate Student Leadership Award; 2008 Stanford Bio-X Travel Award Subsidy; 2004 UNC Hypercube Scholar; 2003 Stanford CPIMA Research Fellow

RESEARCH

Sigal Postdoctoral Fellowship, University of California, Berkeley CA **2010-**

Advisor: Professor Jay T. Groves, Chemistry, HHMI

Spatial mechanics of signal transduction in living cells

Ph. D. Research, Stanford University, Stanford CA **2004-2010**

Advisor: Professor W. E. Moerner, Chemistry

Designed and characterized a new class of photoactivatable fluorophores and other single-molecule fluorophores; worked in close collaboration with synthetic chemists and cell biologists

- Lord, et al. *J. Am. Chem. Soc.* **2008**, 130(29), 9204-9205.
- Lord, et al. *ChemPhysChem* **2009**, 10(1), 55-65.

B. S. Research, University of North Carolina, Chapel Hill NC **2002-2004**

Advisor: Professor Sergei S. Sheiko, Chemistry

Imaged the conformations of single polymer chains using AFM

- Lord, et al. *Macromolecules* **2004**, 37(11), 4235-4240.

TEACHING

- Mentor for several undergrad and graduate researchers on my projects
- TA for statistical mechanics (2 years), p-chem lab, and intro chemistry (3+ years); designed and taught problem sessions and weekly lab lectures; prepared and graded exams and homework
- Other teaching experience includes tutoring undergrads in chemistry and math, mentoring middle school students for science fair, and camp counselor at an educational program

SERVICE

- Coordinated Student-Hosted Physical Chemistry Seminars (4 years)
- Founded Stanford Chemical Physics Journal Club (4 years)
- Elected Member, Chemistry Student Affairs Committee (2 years)
- Group responsibilities, including Laser Safety Officer and Chemical Safety Officer
- Platform Co-Chair, Biophysical Society 54th Annual Meeting

References available upon request and on full CV here:
<http://EverydayScientist.com>