

# SAMUEL JOSEPH LORD

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full CV: <http://EverydayScientist.com>

## EDUCATION & HONORS

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

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

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

## RESEARCH

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**Ph. D. Research, Stanford University, Stanford CA** **2004–present**

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, Conley, Lee, Samuel, Liu, Twieg, Moerner. *J. Am. Chem. Soc.* **2008**, 130(29), 9204–9205.
- Lord, Conley, Lee, Nishimura, Pomerantz, Willets, Lu, Wang, Liu, Samuel, Weber, Semyonov, He, Twieg, Moerner. *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, Sheiko, LaRue, Lee, Matyjaszewski. *Macromolecules* **2004**, 37(11), 4235–4240.

## TEACHING

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- 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

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- 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 54<sup>th</sup> Annual Meeting

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