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Massachusetts Institute of Technology	Chemistry	Sc.B., 2001
Stanford University	Biophysics	Ph.D., 2006
California Institute of Technology	Chemical Engineering	2006-2011

### Professional Experience

2011-present, Colorado State University	Assistant Professor
2008-2011, California Institute of Technology	KAUST Postdoctoral Fellowship
2006-2008, California Institute of Technology	Jane Coffin Childs Postdoctoral Fellowship
2001-2006, Stanford University	Howard Hughes Predoctoral Fellowship

**Noteworthy Publications.** 38 Peer Reviewed Publications. 2796 citations. H-index = 22

Snow CD, Nguyen H, Pande VS, Gruebele M. (2002) Absolute comparison of simulated and experimental protein-folding dynamics. *Nature* **420**(6911): 102-106

Snow CD, Qiu L, Du D, Gai F, Hagen SJ, Pande VS. (2004) Trp zipper folding kinetics by molecular dynamics and T-jump spectroscopy. *Proc. Natl. Acad. Sci. USA* **101**(12): 4077-4082

Snow CD, Sorin E, Rhee YM, Pande VS. (2005) How well can simulation predict kinetics and thermodynamics of protein folding? *Annu. Rev. Biophys. and Biomol. Struct.* **34**, 43-69

Suydam IT, Snow CD, Pande VS, Boxer SG. (2006) Electric fields at the active site of an enzyme: direct comparison of experiment with theory. *Science*. **313**(5784): 200-204

Li Y, Drummond DA, Sawayama AM, Snow CD, et al. (2007) A diverse family of thermostable cytochrome P450s created by recombination of stabilizing fragments. *Nat. Biotech.* **25**(9):1051-6

Loksha IV, Maiolo J, Hong C, Ng AH, Snow CD. (2009) SHARPEN: Systematic Hierarchical Algorithms for Rotamers and Proteins on an Expansive Network. *J Comp.Chem.* **30**(6):999-1005

Johnson L, Huber T, Snow CD. Methods for Library-Scale Computational Protein Design. Meth. in Mol. Biol. Protein Design. Springer. (2014) 1216: 129-59

Kowalski AE, Huber TR, Ni TW, Hartje LF, Appel KL, Yost JW, Ackerson CJ, Snow CD. (2016) Gold Nanoparticle Capture Within Protein Crystal Scaffolds. *Nanoscale*. **8**(25):12693-6

Huber TR, Hartje LF, McPherson EC, Kowalski AE, Snow CD. (2016). Programmed Assembly of Host-Guest Protein Crystals. *Small*. **accepted**

### Grant Support

Validating Computational Design Principles for Crystalline Enzyme Assemblies.	\$100,000
ACS: Petroleum Research Fund. ACS PRF 52404-DNI10.	9/1/2012 – 8/31/2014

Highly Parallel Synthesis of Nanostructures Inside Crystalline Protein Scaffolds	\$350,000
NSF. CMMI 1434786	9/1/2014 – 8/31/2017

Programmed Assembly of Conductive Protein Crystals	\$357,437
NSF CMMI & US Army Natick Soldier RD&E Center 1434786	9/1/2015 – 8/31/2018

EAGER: Coherent Guest Protein Organization Inside Host Protein Crystals.	\$100,000
NSF: CMI 1645015	9/1/2016 – 2/28/2018