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PROFESSIONAL EXPERIENCE

University of California, Los Angeles, Los Angeles, CA
Assistant Professor, Department of Chemistry and Biochemistry, 2015–present
John McTague Career Development Chair, 2015–present
Member California NanoSystems Institute, 2016–present
Member Jonsson Comprehensive Cancer Center, 2018–present

Massachusetts Institute of Technology, Cambridge, MA
NIH Postdoctoral Fellow, 2012–2015
Advisor: Timothy M. Swager

EDUCATION

University of California, Berkeley, Berkeley, CA, PhD in Chemistry, December 2011
Dissertation title: “Bioorthogonal chemistries for labeling living systems.”
Dissertation advisor: Carolyn R. Bertozzi

Stonehill College, Easton, MA, BS in Chemistry with Honors, *summa cum laude*, May 2006
Dissertation title: “A flexible stereospecific synthesis of polyhydroxylated pyrrolizidines from commercially available pyranosides.”
Dissertation advisor: Louis J. Liotta

FELLOWSHIPS AND AWARDS (INDEPENDENT CAREER)

NIH Director’s New Innovator Award, 2018
Alfred P. Sloan Fellow in Chemistry, 2018
Glenn T. Seaborg Award, 2018
Thieme Chemistry Journal Award, 2018
ACS-PRF New Doctoral Investigator, 2016
John McTague Career Development Chair, 2015

PUBLICATIONS (INDEPENDENT CAREER)

8. Jaye, J.A.; **Sletten, E.M.** “Modular and processable fluoropolymers prepared via a safe, mild, iodo-ene polymerization.” *ACS Central Sci.* **2019**, DOI: 10.1021/acscentsci.9b00128.
7. Chen, W.; Cheng, C.-A.; Cosco, E.D.; Ramakrishnan, S.; Lingg, J.G.P.; Bruns, O.T.; Zink, J.I.; **Sletten, E.M.** “Shortwave infrared imaging with J-aggregates stabilized in hollow mesoporous silica nanoparticles.” *ChemRxiv* **2018**, DOI: 10.26434/chemrxiv.7503506.v1. *Submitted*.
6. Estabrook, D.A.; Ennis, A.F.; Day, R.A.; **Sletten, E.M.** “Controlling nanoemulsion surface chemistry with poly(2-oxazoline) amphiphiles.” *Chem. Sci.* **2019**, *10*, 3994–4003.
5. Rodrigues, R.M.; Guan, X.; Iniguez, J.A.; Estabrook, D.A.; Chapman, J.O.; Huang, S.; **Sletten, E.M.**; Liu, C. “Perfluorocarbon nanoemulsion promotes the delivery of reducing equivalents for electricity-driven microbial CO₂ reduction.” *Nature Catalysis* **2019**, *2*, 4017–4014
4. Cao, W.; **Sletten, E.M.** “Fluorescent cyanine dye J-aggregates in the fluororous phase.” *J. Am. Chem. Soc.* **2018**, *140*, 2727–2730.
3. Miller, M.A.; **Sletten, E.M.** “A general approach to biocompatible branched fluororous tags for increased solubility in perfluorocarbon solvents.” *Org. Lett.* **2018**, *20*, 6850–6854.
2. Day, R.A.; Estabrook, D.A.; Logan, J.K.; **Sletten, E.M.** “Fluororous photosensitizers enhance photodynamic therapy with perfluorocarbon nanoemulsions.” *Chem. Commun.* **2017**, *53*, 13043–13046.
1. Cosco, E.D.; Caram, J.R.; Bruns, O.T.; Franke, D.; Day, R.A.; Farr, E.P.; Bawendi, M.G.; **Sletten, E.M.** “Flavylium polymethine fluorophores for near- and shortwave infrared imaging.” *Angew. Chem. Int. Ed.* **2017**, *56*, 13126–13129.