

Andrew C. Turner

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University of California, Berkeley
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Education

Ph.D., Earth & Planetary Science, University of California, Berkeley	2017 - Present
B.S., Chemistry, University of Florida	2013 - 2017

Research

Graduate Researcher , Geochemistry Department of Earth and Planetary Science UC Berkeley, Lawrence Berkeley Nat'l Lab, Berkeley Geochronology Center Advisers: Daniel Stolper and David Shuster	08/2017 - Present
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NSF iREU Researcher , Physical Chemistry MONARIS Laboratory, Department of Chemistry Sorbonne University, Paris, France Adviser: Pierre Asselin	05/2016 - 07/2016
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Undergraduate Researcher , Polymer Chemistry Butler Polymer Research Laboratory, Department of Chemistry University of Florida, Gainesville, FL Adviser: Brent Sumerlin	08/2013 - 05/2016
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Teaching

Graduate Student Instructor EPS 50, <i>The Planet Earth</i> University of California, Berkeley Instructor : Michael Manga	2018
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Reader (Grader) EPS C12, <i>The Planets</i> University of California, Berkeley Instructors: Raymond Jeanloz and Courtney Dressing	2018
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Undergraduate Teaching Assistant
CHM 2047L, Advanced General Chemistry Laboratory
University of Florida
Instructor: Ben Smith

2014 - 2016

Honors

Phi Beta Kappa	2017
Sorbonne Mobility Grant	2016
Anderson Scholar with Distinction	2015
University Scholar	2015
Florida Bright Futures Academic Scholar	2013
National Merit Finalist	2013

Publications

3. Asselin P., **Turner A.C.**, Bruel L., Brenner V., Gaveau M.A., Mons M. (2018). Rovibrational laser jet-cooled spectroscopy of SF₆ rare gas complexes in the ν_3 region of SF₆. *Physical Chemistry Chemical Physics*. Accepted Manuscript. DOI: 10.1039/C8CP04387F
2. Hill M.R., Guegain E., Tran J., Figg C.A., **Turner A.C.**, Nicolas J., Sumerlin B.S. (2017). Radical Ring-Opening Copolymerization of Cyclic Ketene Acetals and Maleimides Affords Homogeneous Incorporation of Degradable Units. *ACS Macro Letters*, 6, 1071-1077. DOI: 10.1021/acsmacrolett.7b00572
1. Asselin P., Potapov A., **Turner A.C.**, Boudon V., Bruel L., Gaveau M.A., Mons M. (2017). Conformational landscape of the SF₆ dimer as revealed by high resolution infrared spectroscopy and complexation with rare gas atoms. *Physical Chemistry Chemical Physics*, 19 (26), 17224-17232. DOI: 10.1039/C7CP02529G

Presentations

3. **Turner A.C.**, Boudon V., Bruel L., Gaveau M.A., Mons M., Potapov A., Asselin P., "Jet-cooled high resolution infrared spectroscopy of small van der Waals SF₆ clusters," at the 253rd ACS National Meeting and Exposition, San Francisco, CA, USA, April 2017, Physical Chemistry Poster Session
2. Hill M.R., **Turner A.C.**, Sumerlin B.S., "Hyperbranched Polypeptides via Self-Condensing Ring-Opening Polymerization of N-Carboxyanhydrides," at the 92nd Florida Annual Meeting and Exposition, Palm Harbor, FL, USA, May 2016, Poster Session
1. Hill M.R., **Turner A.C.**, Sumerlin B.S., "Hyperbranched Polypeptides via Self-Condensing Ring-Opening Polymerization of N-Carboxyanhydrides," at the 17th Annual University of Florida Undergraduate Research Symposium, Gainesville, FL, USA, March 2016, Poster Session