

# Chemistry & Biochemistry Department

## Accomplishments

### External Funding Awarded 2017-2018

- Dr. Holly Ellis – NSF (PI) Total \$525,000
- Dr. Byron Farnum – NSF (Co-PI, 50%) Total \$531,981
- Dr. Christian Goldsmith – NSF (PI) \$420,000
- Dr. Anne Gorden – DOE/EPSCOR (PI) \$419,658
- Dr. Monika Raj – NSF Career (PI) \$650,000

### Currently Active External Grants

- Dr. Christopher Easley – NIH (PI) \$1,460,000
- Dr. Douglas Goodwin – NSF (PI) \$569,460
- Dr. Steven Mansoorabadi – DOE Career (PI) \$750,000
- Dr. Steven Mansoorabadi – NSF Career (PI) \$703,000
- Dr. Bradley Merner – NSF Career (PI) \$699,993
- Dr. Vincent Ortiz – NSF (PI) \$420,000
- Dr. Konrad Patkowski – NSF (PI) \$459,273
- Dr. Curtis Shannon – NSF (co-PI) \$821,702

### Faculty Honors and Awards (2017-2018)

- Dr. Vincent Ortiz – Fellow, American Association for the Advancement of Science (2017)
- Dr. Stewart Schneller – Fellow of the American Chemical Society (2017)

### High Impact Publications (2017-2018)

- Dr. Christian Goldsmith – *Nature Chemistry* (July 2018)
- Dr. Jordan Harshman – *Science* (2018)
- Dr. Monika Raj – *Angewandte Chemie, International Edition* (2018)
- Dr. Christian Goldsmith – *Journal of the American Chemical Society* (2017)

### Past High Impact Publications

- Dr. Steven Mansoorabadi – *Science* (2016)
- Dr. Evert Duin – *Proceedings of the National Academy of Sciences* (2016)
- Dr. Christian Goldsmith – *Proceedings of the National Academy of Sciences* (2014)
- Dr. Bradley Merner – *Journal of the American Chemical Society* (2016)
- Dr. Wei Zhan – *Accounts of Chemical Research* (2016)

### New Instrumentation (\$500,000 investment by Department and COSAM)

- Bruker D8 Venture dual source single crystal X-ray diffractometer for small molecule and biological molecule structure determination.

### Covers 2017-2018



Dr. Anne Gorden

Chemical Communications (2017)



Dr. Christopher Easley

Analytical Methods (2018)



Dr. Steven Mansoorabadi

Biochemistry (2018)



Dr. Evangelos Miliordos

International Journal of Quantum Chemistry (2018)

The Chemistry & Biochemistry Department has received \$2.5 million in external funding awarded in 2017-2018, and has \$5.9 million in current active external grants.

Three faculty have been recently recognized with NSF Career Grants.



COLLEGE OF SCIENCES  
AND MATHEMATICS