

# Fellowship Awardees for 2013-2014



### Alan H. Cherney

Sponsor: Amgen California Institute of Technology Advisor: Sarah Reisman

Biographical Information: Alan is currently a 4th year graduate student working with Prof. Sarah Reisman at the California Institute of Technology. He is developing nickelcatalyzed asymmetric reductive cross-couplings of organohalide starting materials. Undergrad: University of Illinois at Urbana-Champaign, Urbana, IL, BS Chemical Engineering



#### **Patrick Fier**

Sponsor: Organic Syntheses Fellowship University of California, Berkeley *Advisor: John Hartwig* 

Biographical Information: Patrick is currently a 4th year graduate

student with Professor John Hartwig at the University of California, Berkeley. His research is focused on developing new reactions for the incorporation of fluorine and fluoroalkyl groups into organic compounds with transition metals. Undergrad: University of Northern Iowa, BS Chemistry/Biochemistry



## James Payne

Sponsor: Nelson Leonard Fellowship sponsored by Organic Syntheses University of Chicago *Advisor: Jared C. Lewis* 

Biographical Information: James is currently a fourth-year student working with Professor Jared C. Lewis at the University of Chicago on the directed evolution of halogenases for the modification of biologically active materials. Undergrad: University of Illinois at Urbana-Champaign, Urbana, IL, BSc Chemistry & BA Astronomy



## Cale D. Weatherly

Sponsor: Boerhinger Ingelheim University of Wisconsin *Advisor: Jennifer M. Schomaker* 

Biographical Information: Cale is currently a fourth year graduate student working with Professor Jennifer M. Schomaker at the University of Wisconsin. He is studying the scope and mechanism of chemoselective Ag-catalyzed amination reactions. Undergrad: Williams College, Williams College, Williamstown, MA, BA Chemistry and Philosophy

In addition to the 4 Fellowship Awardees listed above, the following students are recognized for their achievements and applications. Unfortunately, we were unable to award them fellowships because they won an NSF fellowship for the 2013-14 academic year. However, we have granted each of them a travel award to the 2015 NOS



## Alina Borovika

University of Michigan *Advisor: Pavel Nagorny* 

Biographical Information: Alina Borovika is currently a 4th year graduate student working with Prof. Pavel Nagorny at the University of Michigan. She is investigating stereoselective reactions of oxocarbenium ions catalyzed by hydrogen bond donors. Undergrad: University of Latvia, BS, Chemistry



### **Philip Milner**

Massachusetts Institute of Technology Advisor: Stephen Buchwald

Biographical Information: Philip is a fourth year graduate student in the laboratory of Stephen Buchwald at the Massachusetts Institute of Technology. His research centers on the development of catalysts for constructing carbon–fluorine bonds. Undergrad: Hamilton College, Clinton, NY, BA Chemistry and Mathematics



### Robert J. Sharpe

North Carolina at Chapel Hill Advisor: Jeffrey Johnson

Biographical Information: Robert is a 3rd year graduate student in the laboratories of Jeffrey Johnson at the University of North Carolina at Chapel Hill. He is investigating stereoselective desymmetrization reactions and their application to complex molecule synthesis.

Undergrad: The University of Alabama, Tuscaloosa, AL, BS Chemistry

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