## 2016 Cottrell Scholars

The Cottrell Scholar program is run by the Research Corporation for Science Advancement and provides discretionary awards to outstanding early-career teacher-scholars in the fields of chemistry, physics, and astronomy at US colleges and universities. Twenty-four new Cottrell Scholars were named in 2016, each of whom was awarded US $100 000. We feature those who have published their work in *Angewandte Chemie* or its sister journals.

**William C. K. Pomerantz** (University of Minnesota) studied at Ithica College and the ETH Zurich, and carried out his PhD (completed in 2008) with Samuel H. Gellman and Nicholas L. Abbott at the University of Wisconsin–Madison. From 2009–2012, he carried out postdoctoral research with Anna K. Mapp at the University of Michigan, and he joined the faculty at the University of Minnesota in 2012. Pomerantz is interested in the use of $^{19}$F NMR techniques to study protein–ligand interactions. He has reported in *Angewandte Chemie* on the use of protein-observed $^{19}$F NMR spectroscopy for small-molecule screening.[1]

**Michael J. Rose** (University of Texas at Austin) studied at the University of California (UC) Davis. After working at Roche Pharmaceuticals, Palo Alto (2000–2002), he carried out his PhD (completed in 2009) with Pradip Mascharak at UC Santa Cruz. After postdoctoral work with Harry B. Gray and Nathan S. Lewis at the California Institute of Technology (2009–2012), he was appointed to the faculty at the University of Texas at Austin in 2012. Rose and his group are interested in the development of synthetic models of monoiron hydrogenase, and also fundamental electron transfer phenomena, as well as the attachment of molecules or materials to light absorbers such as silicon and gallium phosphide. He has reported in the *European Journal of Inorganic Chemistry* on mononuclear iron(II) dicarbonyl species.[2]

**Thomas J. Maimone** (UC Berkeley) studied at UC Berkeley and was awarded his PhD in 2009 for work supervised by Phil S. Baran at The Scripps Research Institute, La Jolla. From 2009–2012, he was a postdoctoral researcher with Stephen L. Buchwald at the Massachusetts Institute of Technology, and he started his independent career at UC Berkeley in 2012. Maimone's research interests include natural products synthesis, synthetic methods, and medicinal chemistry. He has reported in *Angewandte Chemie* on the short total syntheses of podophyllotoxin[3a] and chatancin.[3b]

**Yan Yu** (Indiana University Bloomington) studied at Peking University and carried out her PhD (awarded in 2009) with Steve Granick at the University of Illinois at Urbana-Champaign. From 2009–2012, she was a postdoctoral fellow with Jay T. Groves at UC Berkeley, and she was made assistant professor at Indiana University Bloomington in 2013. Yu and her research group are interested in the design of Janus particles as new biophysical tools to interrogate immune cell functions. She has reported in *Angewandte Chemie* on the use of magnetic Janus particles to control single-cell activity.[4]

## And also in the News

**Hans-Joachim Freund** (Fritz Haber Institute of the Max Planck Society, Berlin) has been awarded an honorary doctorate by the Karlsruhe Institute of Technology in recognition of "his outstanding contributions to surface science, in particular concerning the development of oxidic model systems for heterogeneous catalysis". He was also recently elected a Foreign Member of the American Academy of Arts and Sciences. Freund was featured here when he won the Karl Ziegler Prize.[5a] He is co-author of a recent report in *Angewandte Chemie* on the interaction of water with iron oxides.[5b] Freund is on the Editorial Advisory Board of *ChemPhysChem* and the International Advisory Board of *ChemCatChem*.


[1] C. T. Gee, E. J. Koleski, W. C. K. Pomerantz, *Angew. Chem. Int. Ed.* **2015**, *54*, 3735; *Angew. Chem.* **2015**, *127*, 3806.

[2] K. A. Thomas Muthiah, G. Durgaprasad, Z.-L. Xie, O. M. Williams, C. Joseph, V. M. Lynch, M. J. Rose, *Eur. J. Inorg. Chem.* **2015**, 1675.

[3] a) C. P. Ting, T. J. Maimone, *Angew. Chem. Int. Ed.* **2014**, *53*, 3115; *Angew. Chem.* **2014**, *126*, 3179; b) Y.-M. Zhao, T. J. Maimone, *Angew. Chem. Int. Ed.* **2015**, *54*, 1223; *Angew. Chem.* **2015**, *127*, 1239.

[4] K. Lee, Y. Yi, Y. Yu, *Angew. Chem. Int. Ed.* **2016**, *55*, 7384; *Angew. Chem.* **2016**, *128*, 7510.

[5] a) *Angew. Chem. Int. Ed.* **2011**, *50*, 8469; *Angew. Chem.* **2011**, *123*, 8619; b) P. Dementyev et al., *Angew. Chem. Int. Ed.* **2015**, *54*, 13942; *Angew. Chem.* **2015**, *127*, 14148.


**International Edition: DOI: 10.1002/anie.201605569**
**German Edition: DOI: 10.1002/ange.201605569**

In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.

## Awarded ...


W. C. K. Pomerantz


M. J. Rose


T. J. Maimone


Y. YU


H.-J. Freund


© 2016 Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim