



Sacramento Section American Chemical Society  
66th Annual Meeting and Steak Barbecue  
Co-sponsored by the Chemistry Department of University of the Pacific  
& the San Joaquin Valley Chapter of Sigma Xi, the Research Society



**SATURDAY, APRIL 18, 2015**

Chemistry Department, University of the Pacific, Stockton, CA

9:30 a.m. <b>Registration, Coffee, and Conversation</b> Inside the Mendocino Avenue Entrance to the Pacific Sciences Classroom Building	10:30 a.m. <b>American Chemical Society Meeting</b> Announcements and Lecture CR 170, Lecture Hall, Classroom Building	12:00 p.m. <b>Annual Steak Barbecue</b> Lawn & Patio Area of Classroom Building
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Lecture topic: "Stellar Explosions and New Planets:  
Frontier Research at UC's Lick Observatory"

Presenter: Alex Filippenko  
Professor of Astronomy  
University of California, Berkeley

**Abstract:** Lick Observatory is a vibrant research facility, and the primary base for the University of California's astronomy education and public-outreach efforts. Cutting-edge fields include stellar explosions, Earth-like planets orbiting other stars, and giant black holes. Many of the studies are long-term and time-intensive, making them difficult or not feasible to conduct with larger telescopes elsewhere. Lick is also used to develop new technology, such as laser guide star adaptive optics, producing very clear images of celestial objects. It is the only UC observatory to which students have direct access. This is your chance to learn about the exciting research and intensive student training being done at Lick!



**About the Speaker:** Alex Filippenko, an elected member of the US National Academy of Sciences, is one of the world's most highly cited astronomers. He is the recipient of numerous prizes for his scientific research, and he was the only person to have been a member of both teams that revealed the accelerating expansion of the Universe. This discovery was honored with the 2011 Nobel Prize in Physics to the teams' leaders and the 2015 Breakthrough Prize in Fundamental Physics to all team members. Winner of the most prestigious teaching awards at UC Berkeley and voted the "Best Professor" on campus a record 9 times, he was named the National Professor of the Year in 2006. He has produced 5 astronomy video courses with *The Great Courses*, coauthored an award-winning astronomy textbook, and appears in more than 100 TV documentaries. In 2004 he was awarded the Carl Sagan Prize for Science Popularization.

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You may send in the reservation form below, call the Chemistry Department at 209-946-2271, or email [smccann@pacific.edu](mailto:smccann@pacific.edu). We would appreciate your reservations before April 16th; however, if you find at the last minute that you are able to come, you will be most welcome. See our website at <http://www.pacific.edu/Academics/Schools-and-Colleges/College-of-the-Pacific/Academics/Departments-and-Programs/Chemistry.html>

Please make checks out to University of the Pacific and send in with the form below to:

*Chemistry Department, University of the Pacific, 3601 Pacific Avenue, Stockton, CA 95211*

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*66th Annual American Chemical Society Meeting and Barbecue*

Please make \_\_\_\_\_ reservations at \$15.00 per person for Saturday, April 18, 2015 (no charge for children under 10).

Check enclosed: \$ \_\_\_\_\_ Name \_\_\_\_\_

Address \_\_\_\_\_ Telephone \_\_\_\_\_

City, State, Zip \_\_\_\_\_ e-mail \_\_\_\_\_