William Carl Lineberger received his Ph.D. in 1965 from the Georgia Institute of Technology. He joined the University of Colorado Faculty in 1970, where he is the E.U. Condon Professor of Chemistry and Biochemistry and Fellow of JILA. Lineberger's research centers on the application of lasers to problems in chemical physics, especially those involving gas phase anions. Particular interests include photoelectron and photodetachment spectroscopy, electron affinities, energetics and structure of transient species, dipole-bound states, metal diatoms and clusters, and ultrafast processes in molecular clusters. He has published over 250 scientific papers. He has trained numerous Ph.D. and postdoctoral students who have gone on to be leaders in their fields.

Lineberger has been awarded Sloan, Dreyfus and Guggenheim Fellowships. He has been awarded the H. P. Broida Prize in Chemical Physics, given by the American Physical Society, the Bomem-Michelson Prize, the William F. Meggers Prize from the Optical Society of America, and the Earl K. Plyler Prize from the American Physical Society.

The American Chemical Society has selected him for their Irving Langmuir Prize in Chemical Physics and the Peter Debye Award in Physical Chemistry.

He has served on many advisory committees, chairing the NSF Advisory Committee for Mathematical and Physical Sciences, the National Research Council Commission on Physical Sciences, Mathematics and Applications, and the Department of Energy Basic Energy Sciences Advisory Committee. He has served on the National Research Council Governing Board, the Council of the National Academy of Sciences, and the NAS Committee on Science, Engineering and Public Policy.

Lineberger has been a member of the National Academy of Sciences since 1983 and the American Academy of Arts and Sciences since 1995. In 2011, he was nominated by President Obama for Membership on the National Science Board, and subsequently confirmed by the US Senate. He is a Member of the Executive Committee of NSB.
EYRING LECTURES IN CHEMISTRY AND BIOCHEMISTRY

The Department of Chemistry and Biochemistry at Arizona State University is pleased to announce the Eyring Lectures in Chemistry and Biochemistry for Fall 2012 2008. This interdisciplinary distinguished lecturer series is dedicated to stimulating discussions by renowned scientists who are at the cutting edge of their respective fields. Each lecture series consists of a lead-off presentation to help communicate the excitement and challenge of this central science to the University and community, followed by a more specialized colloquium to help bring the audience to the scientific frontiers of the topics under discussion. Speakers will be scholars in residence in the Department during their lecture series and will be available for informal discussions with faculty, students, and other interested individuals.

Sponsored by: Department of Chemistry & Biochemistry, ASU and Central Arizona Section of the American Chemical Society

Fall 2012