

Chemistry and Chemical Biology Oral History Project

A Conversation with Simon H. Bauer

Video Total Run Time: [146 minutes]

Interviewed by Robert E. Hughes

Internet-First University Press

A Conversation with Simon H. Bauer

The Oral History Project:
Department of Chemistry
and Chemical Biology
Cornell University



Interviewed by
Robert E. Hughes

2006



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Simon H. Bauer

“His papers deal with molecular structure determinations by electron diffraction, EXAFS and spectroscopic techniques, measurement of the physical and thermochemical properties of the boranes, kinetics of fast reactions and spectral emissions at high temperatures, as studied in shock tubes and in chemical laser systems, and models of nucleation / condensation processes.

“He was a Guggenheim Fellow (1949), an NSF Senior Postdoctorate Fellow (1962) at CNRC and the Weizmann Institute, NAS Interacademy Exchange Fellow (USSR, 1966). In 1979 he received an Alexander von Humboldt Award and spent 6 months at the Max Planck Institute in Garching-Munich.”

This DVD

The Oral History Project of the Department of Chemistry and Chemical Biology at Cornell University, led by Charles Wilcox

and Kelly Strickland, presents this DVD of an extended interview with a senior member of the faculty in which they share their life's journey, their professional interests and their reflections about the distinctive character of their department and its nurturing environment. Their comments reveal some of the aspects that make this an exemplary academic unit. Short biographies of interviewee and interviewer are included, in addition to a photo gallery and list of publications of the interviewee.

J. Robert Cooke produced the DVD for The Internet-First University Press, an outgrowth of the Open Access Publishing Project led by Cooke and Kenneth M. King. A streaming video of this interview is available online, without access fee, at <http://dspace.library.cornell.edu/handle/1813/62> and at <http://ifup.cit.cornell.edu>.

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Ordering info: digital@cornell.edu

Additional Resources: Bauer Biography and List of Publications; Bauer Photo Gallery; Hughes Brief Biography