



Awarded ...

ACS Prizes for Inorganic Chemistry to S. G. Sheldon and R. J. Angelici

Robert J. Angelici (Iowa State University, Ames, USA) is the recipient of the American Chemical Society (ACS) Award for Distinguished Service in the Advancement of Inorganic Chemistry. The award, sponsored by Strem Chemicals, Inc., is endowed with US\$5000 and is presented in recognition of individuals who advanced inorganic chemistry by significant service (teaching, writing, administration) in addition to performing outstanding research. Besides



R. J. Angelici

his outstanding research and service, Angelici wrote the inorganic laboratory textbook, "Synthesis and Technique in Inorganic Chemistry", which was first published in 1969 and is currently in its third edition.^[1a] Angelici's research group is interested in transition-metal complexes and catalysis with particular focus on transition-metal complexes with buckminsterfullerene fragments as ligands, combined homogeneous and heterogeneous catalysis, and catalytic desulfurization. He previously reported in *Angewandte Chemie* on the metalation of a corannulene on opposite sides of the bowl^[1b] and more recently highlighted the properties of cyaphide, the phosphorus analogue of cyanide.^[1c]

Angelici studied chemistry at St. Olaf College in Minnesota and completed his PhD in 1962 with F. Basolo at Northwestern University in Evanston, Illinois. He then carried out postdoctoral research at the Universität München (Germany) in the group of E. O.

Fischer. He has been at Iowa State University since 1963, being appointed an assistant professor in 1965, a professor of chemistry in 1971, and Distinguished Professor in Liberal Arts and Sciences in 1987. He is also a senior chemist at Ames Laboratory, which is run by the Iowa State University on behalf of the US Department of Energy.

Sheldon G. Shore (Ohio State University, Columbus, USA) receives the ACS Award in Inorganic Chemistry. The award, sponsored by Aldrich Chemical Company, Inc., and endowed with US\$5000 is presented in recognition of and to encourage fundamental research in the field of inorganic chemistry. Shore's research interests include clusters and other arrays of transition metals and the rare earths, metallocene complexes for catalysis, and polyhedral borane derivatives. He recently described a stacking interaction in a B₁₈H₂₂-benzene system between a bridging hydrogen atom and π density in *Chemistry – A European Journal*^[2a] and previously described an inclusion complex with [Gd(dmf)₈]³⁺ ions encapsulated in pockets of an anionic array of $\{[\text{Cu}_6(\text{CN})_9]^{3-}\}_\infty$ units in *Angewandte Chemie*.^[2b]



S. G. Sheldon

Shore completed his PhD at the University of Michigan in 1957 and joined Ohio State University in the same year as an assistant professor. He was appointed Associate Professor in 1963 and Full Professor in 1966.

R. S. Langer Receives ACS Prize for Materials Science

Robert S. Langer (Massachusetts Institute of Technology (MIT), Cambridge, USA) is the recipient of the ACS Award in the Chemistry of Materials. The prize of US\$ 5000 sponsored by E. I. du Pont de Nemours & Co. (DuPont) recognizes and encourages creative work in the chemistry of materials. Langer is honored for his achievements at the interface of biotechnology and materials science. His research is focused on biocompatible and synthetic polymers for drug delivery, as well as polymers with

shape memory and switchable surfaces. He recently reported in *Angewandte Chemie* on a physical conjugate of an aptamer and doxorubicin as a new drug-delivery vehicle^[3a] and on hierarchical self-assembling linear-dendritic hybrid polymers for targeted gene delivery.^[3b]

Langer studied chemical engineering at Cornell University (Ithaca, NY) and completed his doctorate at MIT in 1974. He then joined J. Folkman at the Children's Hospital in Boston as a postdoctoral researcher, before returning to MIT, where he climbed the ranks and was appointed Institute Professor in 2005. He has been a member and the chairman of the US Food and Drug Administration's Science Board and has received honorary doctorates from the ETH Zürich (Switzerland) and the Technion in Haifa (Israel) among others. Langer was the youngest scientist to have been elected to all three US National Academies (Science, Engineering, and Institute of Medicine). He is a member of the international advisory board of *Angewandte Chemie*.



R. S. Langer

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- [2] a) E. J. M. Hamilton, R. G. Kultyshev, B. Du, E. A. Meyers, S. Liu, C. M. Hadad, S. G. Shore, *Chem. Eur. J.* **2006**, *12*, 2571; b) S. Liu, E. A. Meyers, S. G. Shore, *Angew. Chem.* **2002**, *114*, 3761; *Angew. Chem. Int. Ed.* **2002**, *41*, 3609.
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