

4-27-1996

Iowa Academy of Science President's Banquet [108th Session]

Iowa Academy of Science

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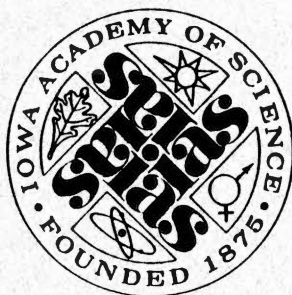
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IOWA
ACADEMY
of
SCIENCE

PRESIDENT'S BANQUET



APRIL 27, 1996

Simpson College
Pfieffer Dining Hall, Great Hall

PROGRAM

President *Ross Iverson*, presiding

SERVED DINNER

INTRODUCTION OF HEAD TABLE

AWARDS

Distinguished Fellow

Distinguished Iowa Scientist

Distinguished Service

Distinguished Iowa Science Teaching

**ANNOUNCEMENT OF MYRLE BURK
SCHOLARSHIP RECIPIENTS**

PRESIDENT'S ADDRESS - *Ross Iverson*

RESPONSE - *Bill Gilbert*, President-Elect

**GENERAL SESSION II - *Blank Performing
Arts Center - Pote Theatre***

**Dr. John Croat
"The Evolution & Technological
Significance of the Modern Permanent
Magnet"**



DISTINGUISHED FELLOW

Jerald Schnoor

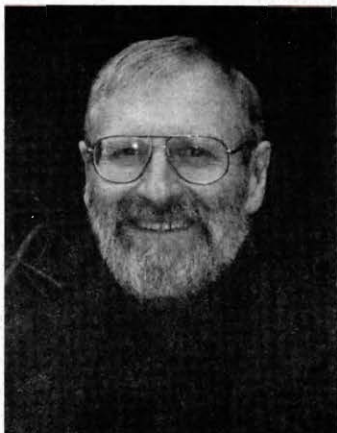
An exceptional researcher and scholar, Iowa native Jerald Schnoor has established an international reputation within the science community. Professor Schnoor is a frequent lecturer, most recently presenting the 13th Annual Presidential Lecture at the University of Iowa in March 1996. In addition, he has presented lectures and seminars on a myriad of topics including global warming, global environmental problems, and the Rio Earth Summit Perspective. He has authored or co-authored over eighty-three publications, and has been the principal investigator on numerous grants. Dr. Schnoor is Co-Director of the University of Iowa's Center for Global and Regional Environmental Research. Through his classes on environmental modelling, he promotes an ethic of environmental concern, careful investigation, and public responsibility. Professor Schnoor has been the recipient of the University of Iowa Scholar Award, the Iowa Board of Regent's Award for Faculty Excellence, and the University of Iowa Foundation Distinguished Professor Award. In addition, Dr. Schnoor has been recognized for his work with the American Academy of Environmental Engineers, was a National Academy of Sciences exchange scientist to Czechoslovakia, and served as chair of the Gordon Research Conference on Environmental Science. His contributions to science knowledge in Iowa and the throughout the world have made him an integral part of the Iowa science community.



DISTINGUISHED IOWA SCIENTIST

David Benn

Dr. David Benn is widely recognized as one of the most productive and innovative archaeologists in the Midwest. For the last twenty-five years he has been conducting archaeological investigations throughout Iowa. His research and teaching have greatly influenced archaeological theory and practice - in many cases presenting new and valuable insights into the methodologies and theoretical approaches to archaeological research. In particular, his development of a predictive landscape model has virtually revolutionized the way archaeologists view site preservation and destruction, site survey, and the management of cultural resources. Dr. Benn received his B.A. degree from Purdue University, and his M.A. and Ph.D. from the University of Wisconsin-Madison. In the years since his graduation, he has published numerous scholarly works, among them over thirty articles in refereed journals and special publications. Through his work with the Iowa Archaeological Society, Dr. Benn has played a major role in educating the public about Iowa archaeology, its methods, theory, and ethics. Having served on the faculties of Southwest Missouri State University and Luther College, Dr. Benn now serves as an independent archaeological consultant.



DISTINGUISHED SERVICE

Paul Christiansen

Paul Christiansen's hard work, high standards, and dedication to teaching have made him a leader in the Iowa science community. A major force in developing programs on prairie restoration and reconstruction for more than a quarter of a century, Dr. Christiansen has dedicated his life to the protection and management of Iowa's prairie environments. His contributions as a teacher are many - among them are patience, willingness to find innovative ways of approaching coursework, and dedication to a sense of respect and appreciation for the natural world. A graduate of the University of Iowa, the University of Oregon, and Iowa State University, Dr. Christiansen has taught extensively, sharing his expertise with a myriad of advisory boards and science organizations throughout the state. He has been a member (and served on the board) of the Iowa Chapter of the Nature Conservancy, the Iowa State Preserves Advisory Board, the Integrated Vegetation Management Technical Advisory Board, and the Iowa Academy of Science, among others. He is the author of numerous publications and reports, and has given presentations throughout the state. Dr. Christiansen has received grants from the Iowa Highway Commission, Iowa State University, the Iowa Science Foundation, and the Living Roadway Trust Fund, and has been recognized by the University of Iowa, Oregon State University, and the American Lutheran Church for his contributions as a teacher and scientist. In combining a career of science and service, Dr. Christiansen has made a valuable contribution to his native state of Iowa.



DISTINGUISHED IOWA SCIENCE TEACHING

Neil Bernstein

Dr. Neil Bernstein, a member of the Mt. Mercy College faculty for the past fourteen years, is well-known for his dedication and achievements within the Iowa science community. His many accomplishments include recent work to establish a connection between SYEFEST (of the Institute of Ecosystem Studies) and an elementary classroom in Cedar Rapids, and ongoing efforts to promote science education in the surrounding community. Dr. Bernstein has pioneered several innovative teaching techniques, including use of the video microscope in general botany classes, guided design projects, and incorporation of computer technology in the science curriculum at Mt. Mercy. In addition to teaching, He has served on the Board of Directors of the Indian Creek Nature Center, been a consultant-evaluator for the North Central Association of Colleges and Schools, and served in various capacities on committees and boards of numerous statewide and national organizations. He has been honored for his work in the RISK Project of the University of Iowa Interdisciplinary Program in Literature, Science, and the Arts; has received the Sears-Roebuck Foundation Teaching Excellence & Campus Leadership Award, and has been awarded the Iowa Nature Conservancy Recognition Award for his work and research on preserves and promotion of environmental education. Dr. Bernstein's outstanding commitment to science education at all levels has earned him the respect and admiration of his colleagues throughout the state.



DISTINGUISHED IOWA SCIENCE TEACHING

Robert Olson

Robert Olson is a strong advocate for science education. As a teacher, he has designed experiments that allow for creativity and teach problem-solving skills. His dedication to his work, and his ability to make difficult subjects interesting and easy to comprehend, have brought him the praise and admiration of both students and colleagues. At Briar Cliff College - where he has been a member of the Biology faculty since 1981 - Dr. Olson has played an active role in developing and improving the science facilities. Through fund-raising and planning activities, he has helped create a cadaver lab, upgrade facilities and equipment, and develop an internship program to help students gain valuable experience in a number of science fields. As a resource person, he has reviewed textbooks, acted as a judge for the local and national Quiz Bowl, and served as moderator for review panels of the National Science Foundation Teacher Enhancement Program. Dr. Olson received degrees from the College of Great Falls, Montana, the University of North Dakota, and the University of Minnesota. He is listed in the *Who's Who in the Midwest*, *Who's Who in American Education*, and *Who's Who in the World*, and has received the Burlington Northern Distinguished Faculty Award and the NDEA Fellow Award. By example, Dr. Olson encourages everyone around him to strive for high standards of performance. Through both his work and community service, he has shown that hard work and dedication do bring success.