

4-21-1995

## Iowa Academy of Science President's Banquet [107th Session]

Iowa Academy of Science

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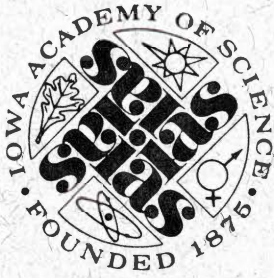
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**IOWA ACADEMY  
OF  
SCIENCE**

**PRESIDENT'S BANQUET  
April 21, 1995**

**Wartburg College**

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**PROGRAM**

**President *Daryl Smith*, presiding**

**SERVED DINNER**

**INTRODUCTION OF HEAD TABLE**

**AWARDS**

- Distinguished Fellow**
- Distinguished Iowa Science Teaching**
- Distinguished Service**

**ANNOUNCEMENT OF MYRLE BURK SCHOLARSHIP RECIPIENTS**

**PRESIDENT'S ADDRESS - *Daryl Smith***

**RESPONSE - *Ross Iverson*, President-Elect**

**GENERAL SESSION II - *Neumann Auditorium***

**Dr. Thomas Starzl**

**"Why Allografts are Accepted: The Study in Applied Biology"**



## **DISTINGUISHED FELLOW**

**George Burnet**

Dr. George Burnet has been an outstanding teacher, researcher, administrator, and servant of his profession for many years as a faculty member in the College of Engineering at Iowa State University. As part of the Ames Laboratory research faculty, he developed and administered a program that developed unique techniques to grow single metal crystals as well as processes that allow for clean coal combustion, among many other accomplishments that have received widespread attention. His administrative efforts have seen him oversee the design and expansion of facilities for the College of Engineering. He has served as President of the American Society for Engineering Education, as an officer of the American Chemical Society, and as an officer in the American Association of Engineering Societies. He has been active as a member and Fellow of the Iowa Academy of Science since 1974. His numerous awards include the Lamme and Collins awards from the ASEE, considered to be their highest form of recognition for an individual. He was named Distinguished Professor by Iowa State University in 1975.



## **DISTINGUISHED IOWA SCIENCE TEACHING**

**Gary E. Downs**

Dr. Gary Downs is one of those unusual individuals whose accomplishments make him suitable for recognition in all areas of professional expectation. Mention of his considerable service and scholarship activities as an outstanding science educator would require considerable space to describe. The fact that he has been awarded the Distinguished Teaching Award by the Iowa Academy of Science is further testament to the outstanding individual he has been during 20 years as a faculty member at Iowa State University. His students routinely rate him high in all aspects of his teaching while recognizing that he demands a high standard of performance from them. Over 2500 students have learned effective science teaching methodologies in his classroom, and have carried his influence into their own classrooms for the benefit of their students. Over 1000 graduate students have learned mathematical and scientific knowledge under his guidance. His influence has been evident on the local, state and national levels through his workshops for educational professionals and his leadership in educational organizations such as the Iowa Academy of Science, the National Science Supervisors Professional Organization, and the National Science Teachers Association. He is an outstanding university citizen whose impact on generations to come will be considerable.



## **DISTINGUISHED SERVICE**

### **Harold McNabb**

For forty-two years, Dr. Sande McNabb has served Iowa State University and the people of Iowa with distinction as a scientist and educator. Dr. McNabb has received recognition for his outstanding accomplishments in teaching and research, but it is the remarkable contributions he has made in the area of service which set Sande apart from his peers. Dr. McNabb has served as a mentor to over 125 undergraduate and high school students who have worked in his lab. Many of these students have gone on to careers in science and have acknowledged that Dr. McNabb was the most important person in their professional life. Dr. McNabb's commitment to teaching reaches well beyond the campus. He regularly visits high school biology classrooms, is active as a judge at science fairs, and has been involved in outreach efforts to teach Iowa citizens about biotechnology through exhibits shown at the State Fair, the Farm Progress Show, and elsewhere throughout the state. Much of Dr. McNabb's service activity since 1989 has involved participation in the Iowa State University Faculty Senate. He has selflessly given a great deal of his time in several leadership roles, including President. Dr. McNabb has also given a great deal of himself in service to his community. He served 3 terms on the Ames School Board, was a Scoutmaster for 25 years, and has been active in his church. He demonstrates an extraordinary commitment to service in all aspects of his life: service to science, service to students, service to Iowa and to Iowa State University, and service to his community.