

# Homecoming Spectacular

## SPECIAL THANKS

Homecoming Executive Committee  
George Bowie, Chair

College of Fine Arts and Communications  
Bruce Christensen, Dean

Mary Jean Draper  
Assistant Director, Marriott Center

DyAnn P. Houston  
Alumni Awards

Department of Theatre and Film  
Eric Fielding, Chair

Department of Dance  
Sara Lee Gibb, Chair

School of Music  
Clyn Barrus, Director

Division of Arts Production  
Ken Crossley, Director

Lynn Williams  
BYU Electric Shop

David Barclay  
Additional Music for Opening Ceremonies

Tuxedos Courtesy of Clarks Tuxedos



## DOWNPOUR OF ENTERTAINMENT

OCTOBER 11-12, 1996



## Robert F. Driver



Being a successful leader and businessman has never gotten in the way of Robert Driver's concern for other people; in fact, it has been a blessing in helping others. Robert started selling insurance while attending San Diego High School, where he was student body president. Upon graduation in 1927, he started his own company. Today, a major building he constructed in downtown San Diego houses his thriving business—a business that over the years has enabled him to support many beneficial causes.

During World War II, Robert served in Okinawa as field director for the American Red Cross. He returned to San Diego and continued his dedication to health and welfare. For 10 years he served on the San Diego Community Welfare Council—including two years as president—responsible for community coordination of welfare services. Robert was later appointed by the mayor to review all public health agencies in the city.

While president of Project Concern and the International Primary Medical Association, he helped build medical clinics in Bali and Vietnam. He was also responsible for funding and building the Children's Hospital in Tijuana, Mexico. He has been the only LDS person in San Diego to receive the Humanity Award from the National Association of Christians and Jews.

Robert's involvement with American Indian Services has given Native American students increased educational opportunities, particularly at BYU. He has funded two scholarship foundations: the Robert J. Driver Memorial Scholarship for Native Americans as well as the Leonard Pennario Endowment for Piano and Chamber Music. He also underwrote the financing of the BYU-produced film *People of Destiny*, a missionary tool used in teaching Native Americans.

## H. Tracy Hall



Those acquainted with H. Tracy Hall might say that he does his best work under pressure. In 1954 while working on a research team at the General Electric Research Laboratory, he invented "the Belt," a device capable of generating the extremely high pressures and temperatures needed to transform graphite into industrial diamond. Most important, his methods could be reproduced by others.

Tracy's invention was considered so important that a federal government secrecy order was placed on it. When he was hired as a professor of chemistry and director of research at BYU the following year, the restriction kept him from using his own device. Within a year, however, he invented the Tetrahedral Press, which had capabilities equivalent to the Belt. Then a secrecy order was placed on it.

About two years later the order was removed from his inventions, and he was free to pursue his endeavors in high-pressure, high-temperature

research. During the next decade, Tracy and his colleagues published about 150 peer-reviewed scientific papers, attracted the attention of scientists from all over the world, and obtained more than \$1 million in grants for research. At age 61 he tutored himself to pass the patent law section of the bar exam and became a patent agent.

The recipient of numerous awards from professional societies, Tracy holds 17 U.S. and 70 foreign patents, including one for his newest invention: the "Cubic Press."

Five diamond manufacturing companies are located in the Provo area, and like others, they all use Tracy's machines. At one of these companies, Megadiamond Corporation, Tracy and his associates have produced new shapes and larger sizes of synthetic diamonds.