Chemistry Department
Faculty Luncheon

honoring

Irving Shain and his sons John and Paul

on the establishment of the
Irving Shain Chair in Chemistry

Friday, October 16, 2015

Room 9341 Daniels Chemistry Building

Irving Shain

Throughout a long and distinguished career, Irving Shain has established an impressive record of leadership, service, and achievement as a researcher, educator, administrator, and business executive.

Shain's academic career began in the fall of 1952 when he joined the department of chemistry at the University of Wisconsin in Madison as an instructor. During the early years of his tenure at the university, he rose steadily in the faculty ranks, teaching a variety of courses and serving as a mentor to a number of students who would become successful and influential leaders in business, industry, academia, and public and governmental service. He fostered a strong departmental commitment to establishing excellence in teaching undergraduate majors and non-majors through innovative teaching techniques and programs. He was particularly concerned that first- and second-year chemistry students develop a sound basic knowledge of the subject.

At the same time, Shain made important contributions to the field of electrochemistry. His consummate achievement in this regard is a 1964 paper he coauthored with his graduate student Richard S. Nicholson, "Theory of Stationary Electrode Polarography," which established the theoretical foundation for cyclic voltammetry. Their paper was named in the journal Analytical Chemistry as one of the ten most cited papers in the period 1945-1999.

In addition to his teaching and research activities in his department, Shain demonstrated a talent and affinity for administrative matters. As a result, his colleagues selected him to serve as department chair from 1967 to 1970. Shain's talents and capacity for work were recognized beyond the department – to the point that he was appointed in 1970 by Chancellor Edwin Young to be vice chancellor for academic affairs, a job which also included oversight of matters relating to budget, planning and analysis, facilities, physical plant, and personnel.

Shain assumed his new position at a time of considerable unrest on the campus. Protests and demonstrations against the war in Vietnam became a regular occurrence. Young and Shain,

under great pressure, worked successfully in tandem to keep the university open and functioning in the face of periodic disruptions.

The turbulent years of the late 1960s and early 1970s on campus also marked a period of significant changes in the administrative and academic profile of the university. The most sweeping and far-reaching change came with the merger of the University of Wisconsin and the Wisconsin State Universities into a single University of Wisconsin System. Shain made a special point of seeing that the institutional mission and integrity of the UW-Madison were properly preserved in the process. He also recognized that the continuing excellence of the university depended on maintaining strength across the campus. He worked closely with deans, directors, and faculty to help them maintain the quality of their programs. A prime example during this period was the leadership Shain provided through serving as the primary catalyst for the establishment of the Center for Health Sciences, an administrative amalgamation of University Hospital and Clinics and the schools of medicine, nursing, and pharmacy.

Shain's overall accomplishments and abilities did not go unrecognized beyond the campus. In 1975, he was recruited by his alma mater, the University of Washington, to assume the position of vice president and provost. Although he felt comfortable in that role, he could not resist the temptation to return to Madison in 1977, when he was asked to succeed Edwin Young as chancellor.

As chancellor, Irv Shain's responsibilities and horizons expanded considerably. Primarily, there was the continuing need to attend to the well-being of the academic program. This included a broad number of concerns ranging from curriculum reform to the establishment of a new School of Veterinary Medicine and fending off a threat to abolish the Synchrotron Radiation Center. Building on an earlier university commitment to area studies and exchange programs, Shain capitalized on a personal interest, reinforced by his academic and governmental connections, to create an exchange program for faculty and graduate students from the Peoples Republic of China.

Shain had been one of the first administrators on campus to recognize that the ever-expanding developments in technology were generating dramatic changes within the university and beyond the campus. In response, he set up the Office of Information

Technology to provide for innovative and coordinated development in this area. He also spoke at national meetings and conferences that focused on the topic.

The most noteworthy of his contributions to advancing technology transfer has proved to be the establishment of the University Research Park. This resource rose out of Shain's singular vision to develop an enterprise that accommodated the needs of private entrepreneurs at the same time it produced revenue to help underwrite research and related academic enterprises within the university. He has served on the board of University Research Park continuously from its creation in 1984 through September of 2015, when he decided to retire, and continues as a Trustee-emeritus, champion, and informal advisor.

Another aspect of Irv Shain's interests can be found outside of his customary scientific endeavors. He has a strong interest in the arts and humanities, particularly as it is reflected in the university's music program. In 1979, he established the Arts Outreach program in the School of Music to send faculty and student performers out into the state. He also found a way to steer the university's venerable Pro Arte Quartet through a period of financial crisis. Shain and his wife, Millie, established a young artists program for piano students.

After retiring from university service in 1986, he became vice president and chief scientist at Olin Corporation. He served with distinction in that role until his retirement in 1992, when he returned to Madison to pursue his many interests and friendships. In 2006 the Shain Research Tower was named in his honor, and the Shain Chemistry Colloquium Series was established.

John R. Shain

John Shain serves as a Managing Director and is a founding partner of Franklin Square Capital Partners. He is responsible for the development, launch, and ongoing management of registered investment advisor distribution.

Prior to joining Franklin Square, John served as Senior Vice President of CNL Real Estate Advisors where he oversaw the real

estate investment and acquisition function, including deal structuring and negotiation, underwriting and due diligence as well as debt financing and asset management for all real estate transactions. Previously, he was a founding partner and principal with Madison Harbor Capital Management, LLC, where he was responsible for marketing and investor relations. Prior to Madison Harbor, John was Principal and Portfolio Manager of Prudential Real Estate Securities Investors where he was responsible for portfolio management for the North American Property Securities Trust.

Earlier in his career, John was a founding partner and Managing Director at Global Property Advisors, LLC, a real estate securities investment management firm. He also served as Vice President at Minnesota Mutual Life Insurance Company where he was responsible for originating investments in a $750 million real estate portfolio. John began his career at Prudential where he spent 10 years in various real estate investment positions.

John received his BBA (1984) and MBA (1987) degrees in Finance and MS degree (1987) in Real Estate from the University of Wisconsin-Madison, and he is a Chartered Financial Analyst (CFA).

Paul S. Shain

Paul Shain is President and Chief Executive Officer of Singlewire Software, a leading provider of emergency and mass notification software. Paul is a seasoned technology industry executive who was most recently Senior Vice President and Executive Committee Member at CDW, a leading provider of technology products and services for business, government, and education. Paul was responsible for product and partner management, marketing, professional services, and business development.

Paul also served as CEO of Madison-based Berbee Information Networks Corporation, a wholly-owned subsidiary of CDW Corporation, acquired in October 2006. Paul joined Berbee in 2000 as President, and was appointed Chief Executive Officer in 2005. Prior to joining Berbee, Paul was Managing Director and Director of Research for Robert W. Baird & Co., Inc., a regional investment banking firm headquartered in Milwaukee.

Paul graduated from the University of Wisconsin-Madison with a bachelor of business administration (1985) and a master of business administration (1986) in finance. Paul holds the Chartered Financial Analyst (CFA) designation, and has served on executive partner councils for both IBM Corporation and Cisco Systems. In addition, Paul currently serves on the board of directors for Singlewire Software, Fiduciary Management Inc., American Family Insurance Company, Ahead IT, the University of Wisconsin Foundation, and the University Research Park.

University Research Park

University Research Park (URP) was organized in 1984 by then UW-Madison Chancellor Irving Shain and the UW Board of Regents. University land no longer conducive to agricultural research was sold to University Research Park Inc., a separate non-profit entity that developed the land and leased it to companies interested in maintaining close contact with the university community. Today, the park provides an atmosphere custom-designed to nurture a productive combination of economic and technological development.

In addition to providing land and infrastructure, University Research Park offers unique opportunities and incentives for start-up companies through specialized growth environments in the Park's technology incubator, the Madison Gas & Electric (MGE) Innovation Center.

Surrounding the MGE Innovation Center is the rest of the 255 acres set aside for the University Research Park. Here you'll find companies that have outgrown the incubator or companies from outside the Park that have chosen to construct their own facilities on parcels leased from University Research Park, Inc. There are 38 buildings today, including the MGE Innovation Center. Unlike most research parks, URP receives no city or state funds to support its infrastructure. On the contrary, URP pays property taxes to the City of Madison.

University Research Park, Inc., is not only self-sustaining, but returns profits to UW-Madison to help fuel its research, educational, technology transfer, and economic growth initiatives. The hallmark of URPs operation and growth is a strong commitment to

carefully planned, responsible development in the context of a long-term outlook. University Research Park has been steadily attracting new tenants since its inception and is showing no signs of changing its course.

University Research Park (URP) is an internationally respected research and technology park, whose groundbreaking approach and innovative tenant solutions help encourage development and commercialization of new ideas. URPs efforts have greatly enhanced the local economy, while benefitting research and related educational programs at the University of Wisconsin-Madison.

The Park is a synergistic partner of UW-Madison, where the world-renowned research faculty holds more scientific patents than at any other public university in the country. It's the best kind of networking relationship, and one that generates great jobs while affording tremendous access and support for URP companies.

Located 3 miles west of the UW-Madison campus, URP is the home of 126 companies employing approximately 4,000 people.

Irving Shain (L) and Robert Rennebohm (R), president of the UW Foundation, upon John's and Paul's inauguration into the Bascom Hill Society.