OUTSTANDING ALUMNI
Roscoe Lee Bills
Edward A. Halbleib
Frederick T. Tucker

DISTINGUISHED ALUMNI
Anthony J. Amorese
Louis G. Anastos
Walter E. Andrus
Russell C. Bostedt*
Alvaro Cadena
Steven D. Carlson
Allen G. Casey
Terrance N. Clapham
Dean W. Crawford
Richard L. Dashnaw
Robert O. Frasca
Dr. Lynn F. Fuller
E. Lee Garelick
Alfred N. Gutzmer
William C. Hard
Gilbert J. Hatch
Frank S. Hermance
John L. Hill
David K. Laniak
Donald C. Switzer*
Frederick T. Tucker
Leon D. White, Jr.
David A. Willett
James N. Wurtz

*Kno biographical information available

KATE GLEASON COLLEGE OF ENGINEERING
WALL OF FAME

WELCOME
Harvey Palmer, Dean
Xerox Auditorium

OPENING REMARKS
Stan McKenzie, Provost

INTRODUCTION OF OUTSTANDING ALUMNI
Al Simone, President

INTRODUCTION OF DISTINGUISHED ALUMNI
Harvey Palmer, Dean

CLOSING REMARKS
Harvey Palmer

UNVEILING OF WALL OF FAME
Gordon Atrium

RECEPTION
Mr. Amorese has served in management positions at Rittenhouse Company, Emerson Electric Company, Bomax Division of Gould, Inc., Lakeland Concrete Products and Universal Machinery Corporation. He designed and prototyped the power supply for the original Xerox copier, the model 914. He also took a small bankrupt business with one location and 15 employees and turned it into a thriving, profitable business with 130 employees at 110 locations. Mr. Amorese and his wife, Kay, established the Anthony J. and Katherine D. Amorese Endowed Graduate Scholarship in Engineering at RIT and are members of the Nathaniel Rochester Society Trustee Circle.

Mr. Anastos went to work at IBM in East Fishkill, New York, upon graduation from RIT. He began his career there as a photolithography engineer in the Advanced Semiconductor Technology Center. In 1998, he was promoted to a first level manager. In 2001 he was promoted to Photolithography/Metrology Senior Project Manager of IBM’s new 300mm facility. Mr. Anastos is very active in his local Greek community and enjoys his family time with his wife, Tina, and children, Heleena and George.
Walter E. Andrus

Diploma in Mechanical Engineering, 1943; AAS Degree, 1953
1976 Engineering Distinguished Alumnus

After graduating from the Rochester Athenaeum and Mechanics Institute, Mr. Andrus served in the U.S. Navy until January 1946. He then joined Gleason Works and worked there until retirement in January 1984. Mr. Andrus held a variety of positions there including: Superintendent, Cutter Division; Vice President and General Manager of the Cunningham Corporation; Works Manager, Gleason Works, S.A.; Vice President, Industrial Relations; Administration Vice President; President, Gleason Precision Forming; Executive Vice President, Alliance Tool Corporation. In addition to serving on the Gleason Board of Directors, Mr. Andrus played a major role in the community in various capacities including chairing the following boards: Blue Cross, St. John’s Home for the Aging, The United Negro College Fund, Lincoln First Bank of Rochester. He also volunteered for the Eastman Dental Center Board, Rochester Jobs, Inc., and RIT’s Nathaniel Rochester Society and Development Committee for the School for Applied Industrial Studies.

Roscoe Lee Bills

Degree in Mechanical Engineering, 1941
1991 RIT Outstanding Alumnus

Mr. Bills began working at Welch Allyn in 1936 as its 16th employee, starting out as a toolmaker. He alternated working at Welch Allyn and attending RIT over a six-year period, graduating with a degree in Mechanical Engineering. Mr. Bills continued at Welch Allyn for 46 years, retiring in 1982 as their longest employee. He played an intimate role in the company’s success and growth, rising to Plant Manager, Vice President, and then Executive Vice President until his retirement. He was equally active in his community as a Boy Scout leader, town councilman, and volunteer fireman with the Skaneateles (NY) Fire Department. He was an avid stamp collector and woodworker. In addition, Mr. Bills’ dedication and accomplishments were instrumental in obtaining Welch Allyn’s continuing support for a scholarship for engineering students at RIT.
Mr. Cadena was born in Columbia, South America, and came to the United States in 1965. He earned a BS degree in Mechanical Engineering at New York University before coming to RIT for a Master’s degree. He has worked with Graham Corporation for 36 years where he now serves as President and Chief Executive Officer. He served as president of TEMA (Tubular Exchangers Association) from 2000-2001. Mr. Cadena currently sits on the advisory council of the business school at the State University of New York at Brockport.

After earning his bachelor’s degree, Mr. Carlson continued his education at RIT and earned an MS in Imaging Science from the College of Science. He is currently the co-founder and Chief Technical Officer of Dragon² Technologies, a leader in the area of semiconductor design and imaging integration. Prior to launching Dragon² Technologies, Mr. Carlson was Senior Vice President at Photronics, Inc., where he led the company’s transition to advanced photomask technology. He also established and directed the company’s global technology research, development, and production of novel RET and materials-based lithography solutions for deep sub-wavelength applications. This development team brought new products to the marketplace at a rate twice the industry average, making Photronics the world’s largest commercial supplier of photomasks. Mr. Carlson is a frequent guest lecturer, panelist and invited speaker at industry events and symposia, including SEMICON events, SPIE, Advanced Reticle Symposium, Strategic Business Conference and IEEE. He is also an editorial contributor to the semiconductor industry trade press.
Allen G. Casey

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, 1973
2004 ENGINEERING DISTINGUISHED ALUMNUS

After a successful career working for other engineering firms such as the Cannon Partnership, Lozier, Inc., and Robson and Woese, Inc., Mr. Casey started his own company in 1991 with three other engineers, two of whom are RIT COE graduates as well. M/E Engineering, P. C. is one of the fastest growing and largest mechanical/electrical consulting engineering firms in New York State, with offices in Rochester, Buffalo, Syracuse, and Albany. M/E presently employs 24 RIT alumni – 20% of its total staff. Al is very active in professional organizations and serves on the boards of the Monroe Community College Foundation, the Small Business Council of the Rochester Business Alliance and the Hochstein School of Music. Al is also an active member of RIT’s Nathaniel Rochester Society.

Terrance N. Clapham

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, 1971
1998 ENGINEERING DISTINGUISHED ALUMNUS

Mr. Clapham has spent the last 30 years developing medical laser treatment and diagnostic instrumentation. He co-founded VISX, INC and developed the VISX excimer laser system for treating refractive errors and the VISX STAR excimer laser surgical system used worldwide for the correction of vision disorders such as near- and far-sightedness and astigmatism. He also worked at General Electric and Tropel, both in the greater Rochester area, and at Coherent in California. Mr. Clapham co-founded Ical and developed a digital tonometer. He also started TNC Greystone LLC, a consulting company for the ophthalmic industry. He is the author of numerous papers on refractive surgery and related subjects and holds 17 U.S. and several foreign patents in the field. Mr. Clapham is the recipient of the 1998 Distinguished Alumnus Award from the RIT College of Engineering and is a member of the RIT President’s Roundtable. In 2003 he was inducted into the National Co-op Hall of Fame.
Mr. Crawford founded Vanguard Technologies Corporation, a provider of information management services to the federal and state governments as well as commercial organizations. He also founded International Big Fish Network in 2003 as a publicly supported 501(c)(3) organization whose mission is sustainable ocean fisheries. He received the Entrepreneur of the Year Awards from Arthur Young & Co. in 1988 and KPMG Peat Marwick in 1989, and currently provides general management consulting on a long-term basis to a number of small- to medium-sized technology companies with emphasis on growth strategies and maximizing value. Mr. Crawford has been recognized as a leading entrepreneur in such publications as Forbes, Business Week, Inc. Magazine, and Washington Technology.

Mr. Dashnaw enjoyed a successful career in management at General Electric and Rockwell International before moving on to Coltec Industries where he served as a corporate officer and Senior Corporate Vice President of Group Operations, with responsibility for ten divisions. Mr. Dashnaw has been very active in his Beloit, Wisconsin, community where he chaired a $2 million campaign for the YMCA and a $13 million development program that revitalized the riverfront. He has completed ten marathon races, an activity he took up at age 57.
Robert O. Frasca

BACHELOR’S DEGREE IN MECHANICAL ENGINEERING, 1988
2002 ENGINEERING DISTINGUISHED ALUMNUS

After graduating from RIT, Mr. Frasca served as a naval flight officer and flew over eight combat missions in the Gulf War. After obtaining an MBA from Carnegie Mellon University, Rob left the Navy to pursue a career as a high tech entrepreneur and Internet pioneer. Rob’s first success came as co-founder, Chairman and CEO of his company, GALT Technologies, which he ultimately sold to Intuit. Rob’s second success in building shareholder value came with the start-up WiseWire Corporation, where he was instrumental in positioning its intelligent agent software as a leading community-building technology. He shepherded the company’s sale to Lycos in 1998, where he became Vice President and General Manager. After Lycos, Rob founded Internet Venture Works, a venture/buyout services firm focused on new venture creation. He is currently President of the software company, Affinnova.

Dr. Lynn F. Fuller

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, 1970
MASTER OF SCIENCE IN ELECTRICAL ENGINEERING, 1973
1992 ENGINEERING DISTINGUISHED ALUMNUS

After completing a BS and MS at RIT, Dr. Fuller went on to earn a Ph.D. at The State University of New York at Buffalo. He returned to RIT, headed up the Microelectronic Engineering program at RIT in its formative years, and now serves as a core faculty member of the Microsystems Ph.D. program and in the Microelectronic Engineering Department. He is a Fellow of the IEEE and has received the IEEE Region 1 Award for “Prolific Contributions in Education and Research in Microelectronic Engineering”. Dr. Fuller, Motorola Professor, has published more than 40 technical papers and holds two patents. He is also a member of the RIT Sports Hall of Fame—RIT’s first All-American in track and field.
E. Lee Garelick

**Degree in Electrical Engineering, 1961**
**1996 Engineering Distinguished Alumnus**

Mr. Garelick began his career with a co-op at the University of Rochester Cyclotron Lab and Particle Physics Lab as a research assistant. After graduation, he joined Taylor Instruments as an account manager. In 1964, Mr. Garelick co-founded Transmation, Inc., which made solid-state product lines for the worldwide instrumentation market at that time. In 1979 he and another Distinguished Alumnus, James Wurtz, co-founded Altek Industries Corp, manufacturer of electronic calibration instruments. Mr. Garelick and his wife, Sharon, still study at the RIT Athenaeum, where he serves as Chair of the Technology Committee.

Alfred N. Gutzmer

**Bachelor of Science in Electrical Technology, 1961**
**1981 Engineering Distinguished Alumnus**

Mr. Gutzmer’s early professional years were spent in test engineering and product development for Taylor Instrument Company. His recognized organizational, planning and leadership abilities were utilized in senior management positions at Taylor in Development Engineering in both electronic and mechanical product areas. Mr. Gutzmer served in a similar capacity with Barnstead Company, a manufacturer of water purification equipment, as Vice President of Research, Development and Engineering, as well as Vice President of Operations. At Barnstead, he also earned high marks in labor relations management areas. Mr. Gutzmer’s career with Sybron Corporation Divisions ended following a successful stint as President, Analytical Instrument and Systems Products.
Mr. Halbleib (July 1882 - November 1957) started to work at Bausch & Lomb at the age of fifteen. With Henry Lomb’s encouragement, he studied drafting, physics, machine design, and other subjects at the Rochester Athenaeum and Mechanics Institute, now known as Rochester Institute of Technology. Mr. Halbleib went on to become Vice President and General Manager of the North East Electric Company and President of the Rochester Chamber of Commerce. In 1927, he served as chairman of a $3 million fund drive for the Rochester Athenaeum and Mechanics Institute. Mrs. N. Elsie Halbleib (October 1905 - April 1983) continued supporting RIT after Mr. Halbleib’s death with the establishment of The Edward A. Halbleib Memorial Scholarship in 1983 by bequest. Their son, Karl E. Halbleib, graduated from RIT in 1938 with a diploma in Mechanical Engineering.

Mr. Hard joined Xerox in 1973 as a co-op. He started full time as a product planner and later held positions as Manager of Business Strategy; District Sales Manager in Lansing, Michigan; Manager of the Insurance Industry Marketing Group; Vice President of Industry Marketing and Vice President & General Manager of the California Coastal Customer Business Unit. In 1999, he moved back to Rochester to serve as the Senior Vice President of the Financial Services and Healthcare Industry Business, and then as Senior Vice President of North America Industry Sales and Marketing for Xerox’s Global Solutions Group. Mr. Hard also holds an MBA from Michigan State University. He serves as a member of the RIT Alumni Board of Directors and on the President’s Advisory Council. Mr. Hard had also worked on the College of Engineering’s Strategic Planning Advisory Board and has endowed a scholarship for KGCOE.
Mr. Frank S. Hermance began his career at Taylor Instrument Company where he eventually became Senior Vice President. From there, he moved to Tektronix and then on to Ametek, Inc. where he has served as Group President, Chief Operating Officer, and President. He currently serves as Chairman and Chief Executive Officer. Mr. Hermance is a Member of IEEE, a Fellow in ASME, a board member of the Manufacturers’ Alliance for Productivity and Innovation, Inc., a board member of IDEX, and Vice Chairman of the World Affairs Council of Philadelphia.

Mr. Gilbert J. Hatch joined Xerox as a co-operative student in 1969, and held a number of senior technical and general management positions in the United States and United Kingdom. Mr. Hatch received three patents in xerography and digital imaging. Most recently, he served as president of the Production Systems Group at Xerox Corporation. Mr. Hatch held responsibility for worldwide production of monochrome and color systems for the production publishing and transaction printing environments. A firm believer in the power of education, he was a member of the Rochester Institute of Technology board of trustees, the Monroe Community College Foundation, and the board of directors of CEDPA, a non-governmental organization dedicated to empowering women in global leadership. Mr. Hatch died in August 2004, after a long and courageous battle with cancer. He will be remembered most as a beloved husband, father and grandfather.
David K. Laniak  
BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, 1958  
1991 ENGINEERING DISTINGUISHED ALUMNUS

Mr. Laniak began his long and successful career with RG&E with a co-op during his college career at RIT. He started full time employment there immediately after graduation. Mr. Laniak went on to be Vice President, Senior Vice President, and Executive Vice President before retiring from RG&E in 1995. He then became CEO of ACC Corporation. Mr. Laniak made an impact on the Rochester community by serving on many boards during his lifetime, such as the Rochester Philharmonic Orchestra, WXXI, Odetiana Council, the Landmark Society, and the Rush-Henrietta Board of Education. He passed away in 1997.

John L. Hill  
DEGREE IN ENGINEERING, 1930  
1993 ENGINEERING DISTINGUISHED ALUMNUS

After starting as a product design engineer at General Railway Signal, Mr. Hill designed manufacturing equipment for 3M Company until drafted into WWII. He joined other veterans in 1946 to create Engineering Research Associates, the wellspring for computer companies in the Midwest, where in 1950 he designed the physical structure of the Atlas Computer. In 1956 he joined Ramsey Engineering, an electronics control start-up, where he served as R&D Director until 1977. In retirement, Mr. Hill created Computer Update, presenting 800 weekly programs on the Minnesota Radio Talking Book Network for the blind. He advised at Service Corps of Retired Executives (SCORE) in St. Paul and presented SCORE tutorials for 20 years. His commitment to learning includes establishing and funding the John L. and Catherine J. Hill Engineering Scholarships.
Leon D. White, Jr.

Diploma in Mechanical Engineering, 1939
1978 Engineering Distinguished Alumnus

Mr. White began his lifelong career at Rochester Gas & Electric as an RIT co-op in 1937. He retired from RG&E in 1984 as Executive Vice President. During World War II, he served as a lieutenant junior grade with the U.S. Coast Guard. He graduated with highest honors from Clarkson with a degree in Mechanical Engineering in 1947. Mr. White was a member of Tau Beta Pi, the American Nuclear Society, Rochester Engineering Society, University Craftsman Council of Engineers and a director of Canadea Corp. and RG&E. Active in his community, he served on the boards of Greece Performing Arts, Western Monroe Mental Health Center, Masonic F & AM, Rochester Rotary, Rochester Area Chamber of Commerce, and Wesley United Methodist Church. Mr. White passed away in 1998 and is survived by his daughter and two grandchildren.

Frederick T. Tucker

Bachelor of Science in Electrical Engineering, 1963
1983 Engineering Distinguished Alumnus
1997 RIT Outstanding Alumnus

After joining Motorola in 1965, Mr. Tucker served in a number of senior management positions, most recently as Executive Vice President and Deputy to the Chief Executive Office and President of Semiconductor Products Sector. He also served as President and General Manager of the Automotive, Component, Computer and Energy Sector. Mr. Tucker was named to the Alumni Honor Roll of Excellence and has served on the RIT Board of Trustees since 1986. Nominated by Dr. Albert J. Simone, Mr. Tucker was inducted into the National Co-op Hall of Fame for the 2002-2003 academic year by the National Commission for Cooperative Education. Mr. Tucker has served on several boards, including Chairman of ITS America, an advisory board to the U.S. Department of Transportation responsible for assuring the coordination of public and private intelligent transportation initiatives in the United States.
James N. Wurtz

DEGREE IN ELECTRICAL ENGINEERING, 1958
1996 ENGINEERING DISTINGUISHED ALUMNUS

Mr. Wurtz worked at General Railway Signal and Stromberg Carlson as a co-op during his time at RIT. Upon graduation, he worked as a Reliability Engineer with IBM. While at General Dynamics/Electronics, Mr. Wurtz helped develop the first solid state nuclear instrumentation then installed at Camp Century Greenland. As a co-founder of Rochester Instrument System, he was involved in the design and production of instrumentation for the power and process industries. After starting three other businesses, he co-founded Altek Industries Corp. with E. Lee Garelick, another distinguished alum. Mr. Wurtz has been married to Nancy for 50 years; they have four children and 11 grandchildren.

David A. Willett

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, 1963
1980 ENGINEERING DISTINGUISHED ALUMNUS

Mr. Willett spent 21 years with Taylor Instrument and Ritter Divisions of Sybron Corporation in various engineering and managerial positions, from New Product Development Engineer to Vice President of Engineering, Vice President of Manufacturing and Vice President of Operations. He also spent the last ten years of his career as President of Servomex Company, a manufacturer of analytical instruments and systems. Mr. Willett has been issued two patents. Upon retirement, he became the president of a not-for-profit organization focused on restoration of an important part of our American heritage, a one-room schoolhouse in North Collins, New York.