Inc., which designs, develops and manufactures network security, secure remote access, Web and e-mail security, continuous data protection, and policy and management solutions. He has been a director, advisor and investor in the company since 2004. He also is a director of Altera Corporation and a member of its Compensation Committee; director of Conformative Systems, Inc.; advisor to ASIL, Inc.; and trustee of Hanover College.

From 1990-2004, Shoemaker was executive vice president of Sun Microsystems, Inc. He coached Sun Leadership Institute participant teams — high-potential VPs targeted to assume future top management roles — in solving business problems and mentoring them on developing individual leadership style and values and in interaction with external stockholders, the press and industry analysts. He also guided director training. He was responsible for all Sun systems products and SPARC microprocessor development, with authority for more than $12 billion in revenue. He moved up at Sun from vice president, Finance and Planning to vice president, U.S. Operations executive vice president, Products Group; chief quality officer, Computer Systems; vice president, Worldwide Operations; vice president and general manager, Enterprise Desktop and Server Systems. He received the Sun Leadership Award, the corporation's top leadership award, in 1996 for "Leading Sun, inspiring others, taking risks, advancing the business."

Before joining Sun, Shoemaker worked at Xerox Corporation, from 1969–1990, playing a key leadership role in the Xerox Quality Movement, including being a member of the Malcolm Baldrige Team and working with Fuji Xerox in winning the Deming Prize in Japan. He was elected corporate officer vice president by the Xerox Board of Directors in 1986 and, over the years, held a series of responsibilities including areas such as Strategy, Program Management, Pricing and Financial Analysis. He served as director, Electronic Printing Business Strategy; manager, Business Planning, Mid-Volume Copiers; manager, Business Planning, Duplicators; manager, Business Area & Program Management; vice president of Group Operations; Chief Staff Officer, Xerox Systems Group; vice president & general manager, Document Systems Business Unit; and senior vice president, Worldwide Marketing, Printing Systems.

Shoemaker has been chairman of the board of directors of Kurzweil Computer Products and of Xerox Imaging Systems; a director of Envos Corporation, the Rochester Eye & Human Parts Bank, El Camino (CA) YMCA and Knowledgemax Systems. Inc.; and a member of the Rochester Institute of Technology Future Planning Committee and U.S.–Japan Business Council.

He serves on the Dean's Advisory Council of Indiana University's Kelley School of Business, Information Technology Advancement Council, and Advisory Board of the Indiana University Johnson Center for Entrepreneurship and Innovation. He was a 2007 "Significant Sig" by Sigma Chi Fraternity and 2001 Academy of Alumni Fellow of the IU Kelley School of Business, and received an Alumni Achievement Award from Hanover College in 2000.

"My graduation from Brighton has always been a source of personal pride," says Shoemaker. "It is one of the finest public schools in the nation, with many outstanding graduates who have gone on to make wonderful contributions to our culture and society in numerous fields of endeavor. I wasn't the best student and probably spent too much time involved with sports and too little studying, but there is no question that the overall BHS experience provided me with a strong fundamental grounding for my future."

The 2007 Inductees of the Brighton Schools Alumni Hall of Fame

A project of the Brighton Schools Alumni Association

• When the executive committee of the University of Rochester board approved **Bradford C. Berk, MD, PhD**, as senior vice president for Health Sciences and CEO of the Medical Center and Strong Health on August 1, 2006, UR president Joel Seligman said that Berk "has an inspiring balance of scientific prowess, leadership talent, and care for the health of patients and the more than 13,000 individuals who work at URMC."

Berk balances three fundamental elements of the institution he leads – research, education and clinical care. He continues to see patients as he leads a $1.7-billion institution upon which Rochester depends for much of its future, focusing on a 10-year strategic plan that is countered by what his idol, Dr. Martin Luther King, described as "the fierce urgency of *now*." He is also committed to helping balance the interests of providers, payers and consumers in the health-care system.

After graduating from BHS in 1971, Berk earned a BA in history and biology from Amherst College, then returned to Rochester to earn his MD and PhD from the University of Rochester. He left Rochester for appointments at Harvard University, Emory University and the University of Washington. In 1998, he returned to serve URMC as chief of cardiology and director of the new Cardiovascular Research Center; he was named chair of medicine within a year. Since then, Berk has led his own programs into national prominence; seen cardiovascular research funding grow past $12 million; and launched a new heart transplant service and preventive cardiology programs.

On Berk's watch as chair of medicine, URMC established new divisions for Hospital Medicine and Geriatric Medicine; improved access to nephrology, pulmonary care and rheumatology; added 84 new faculty positions; saw research revenue grow by 15 percent; and doubled patient-care revenue. In January of this year, Moody's upgraded the UofR from "stable" to "positive," based in large part on the hospital's revenue performance and reinvigorated focus on development.

On the national stage, the National Institutes for Health (NIH) has funded

Berk's research into the cellular mechanisms that cause cardiovascular disease for 20 straight years. Scientific and professional groups invite him to make presentations all over the world. He has published more than 250 books, chapters and articles; been honored by the American Heart Association, American College of Cardiology, American Society for Hypertension and many other organizations; and mentored many graduate and post-doctoral students.


• **Arthur Lonne Lane, PhD,** is an especially compelling example of the value and quality of a Brighton education: A member of the BHS class of 1957, he was recruited by Harvard University at age 16 and technically did not earn his BHS diploma until now, when it will be presented to him with his induction into the Alumni Hall of Fame.

Lane earned an AB in Chemistry from Harvard and went to earn a PhD in Physical Chemistry at the University of Illinois, with residency at Caltech, writing his thesis on "The Vacuum UV Photochemistry of Propane Above & Below Ionization." That led to his distinguished career at the Jet Propulsion Lab (JPL) of the National Aeronautics and Space Administration (NASA), beginning in 1966.

Lane has always been fascinated by the origins of life and has devoted his professional life to searching for those origins both on Earth and in space. His interests include ultraviolet physics and photochemistry; UV planetary astronomy of atmospheres and solid surfaces (cryogenic ices); spectroscopic and innovative application of instrumentation to unique problems; planetary in-situ micro-instrument development; remote, proximity and in-situ sensing pollution problems; science interactions with spacecraft and space mission design; and mentoring students and young professionals in scientific instrument applications, development and fabrication.

Lane has held supervisory roles on missions such as the Voyager Science Integration Team and the Mission Design and Geology & Planetology sections. He has held division-level Science Staff and management positions in the Systems, Space Science and Instruments divisions; Mars Science Microrover Demonstration Project (Rocky 4); Office for Science, Instruments & Microrover, MESUR Flight Project (which became Mars Pathfinder '96); and Experimental Sciences Section.

Lane has served as cognizant scientist, experiment representative, co-investigator or principal investigator, staff scientist, assistant project scientist, program manager, project scientist/project manager, acting lead scientist and instrument manager on a wealth of projects: Mariner 5 UV Photometer (Venus); Mariners 6 & 7 (Mars); UV Spectrometry Mariners 8 & 9 (Mars); Ultraviolet Spectrometer, Mariner 9 (Mars) and Galileo Ultraviolet Spectrometer (Jupiter Orbiter); the Planetary Astronomy Program (NASA Headquarters); Objective Prism UV Schmidt Camera (Skylab IV); Ultraviolet Study (NASA-ESA ASSESS Mission) – aircraft instruments and flight; Voyager Photopolarimeter Experiment; Pathfinder UV Spectrometer & Imager; Delta Star UV Imaging Experiment; more than 15 "Guest Observer" programs for the International Ultraviolet Explorer (IUE) satellite; Voyager Mission to the Outer Planets; Pilot Planetary Data System (definition & concept phase); Flight Project Support Office; JPL's Planetary Instrument Definition & Development Program; Mars '94 Oxidant Experiment; Champollion CIRCLE Instrument (Comet Nucleus Lander Composition Experiment); inception of the JPL In-Situ Center of Excellence; Mars Microbeam Raman Spectrometer Instrument; Lo'ihi Hydrothermal and South Pacific Hydrothermal Vent Probe projects; and Mars '03 Athena Payload, Mars Microbeam Raman Spectrometer and Mars Microbeam Raman Spectrometer investigations.

Lane served two terms as a member of the IUE Astronomy Working Group and has chaired the Science Advisory Committee.

In recent years, Lane has turned his attention from outer space to deep Earth. He has been co-investigator of the Antarctica 2000 Deep Ice Probe and on three ASTEP field campaigns (in Svalbard, Norway and Antarctica), with in-situ instruments; acting deputy leader of JPL's Center for Life Detection; principal investigator, In-Situ Sensor Technology for Installation & Restoration Program (Edwards AFB) and In-Situ Deep Ice & Deep Ocean Organic Molecule Probe (JPL R&TD Program); science investigator, Astrobiology Research Group (Earth, Mars & Europa focus); and project manager and investigator, Deep Ocean Hydrothermal Vent Astrobiology Project (which included working with filmmaker James Cameron).

Lane's professional development activities and special achievements include University Fellow in Chemistry, University of Illinois Graduate School; Phi Lambda Upsilon – National Chemical Honor Society; Phi Kappa Phi – National Honor Society; member of the American Physical Society and American Astronomical Society (Division for Planetary Sciences); and national-level selection for the Outstanding Science Book for Children Award. He has received three NASA Exceptional Scientific Achievement Medals and several NASA Group Achievement Awards, and his list of scientific, open literature and refereed publications is at almost 100, with the majority in the planetary sciences.

As dear to Lane's heart as his professional life is his commitment to new generations in the sciences. He is renowned for mentoring students and young scientists, and for encouraging them to enter and achieve in science.


• **John Shoemaker**'s Brighton education took him into the worlds of business and technology, where he has made his mark from Rochester to California.

After graduating from BHS in 1960, Shoemaker went to Hanover College and then the Indiana University School of Government, also earning an MBA from the IU Kelley Graduate School of Business. Committed to lifelong learning, he has been in numerous executive development programs, including the Stanford Research Institute; Harvard, MIT, Stanford University Business and Law School seminars; the Cambridge Technology Group; Chicago/Wharton/Stanford Law Directors Consortium; Practising Lawyers Institute; and Fourth Annual Directors' Institute on Corporate Governance.

Shoemaker serves as chairman of the board of directors of SonicWALL,