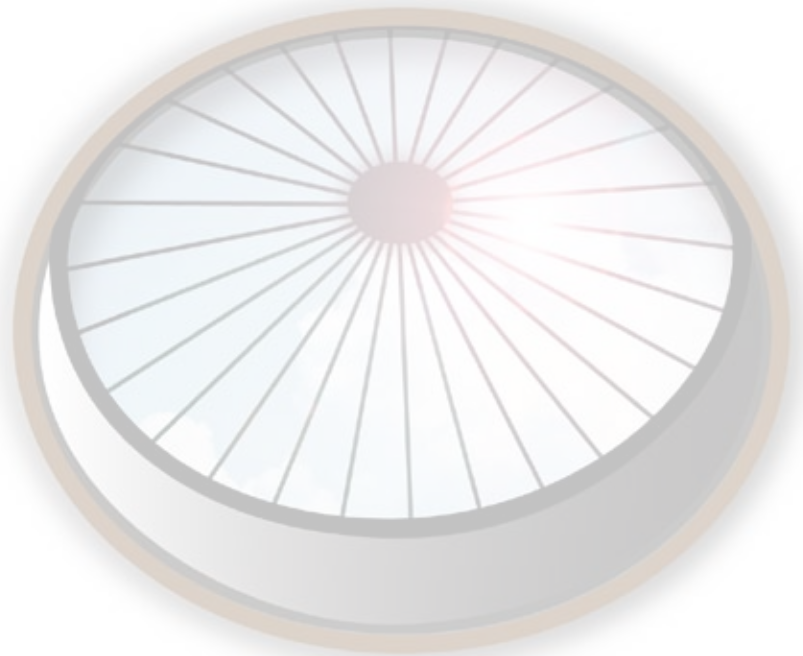


*First Annual*  
UVA Venture Summit

**Old Cabell Hall**  
Event Program

APRIL 3, 2009



## A G E N D A

8:30 – 8:40 **Welcome** Tom Skalak, *Vice President for Research*

### **UVA Technology Thought Leader Presentations**

8:45 – 9:05 Andrew Grimshaw, *Grid Computing*

9:10 – 9:30 Steve Rich, *Personalized Medicine: A Genomics Perspective*

9:35 – 10:05 Joe Campbell, *The Future of Semiconductors*

10:05 – 10:15 **Break**

10:20 – 10:40 Brent Gunnoe, *Clean Technology and Green Energy*

10:45 – 11:25 **Venture Panel Discussion**

*How is the venture capital industry evolving to adapt to changes in the global market?*

Jim Blair, *Domain Associates*

Peter Barris, *New Enterprise Associates*

Christopher Brightman, *UVIMCO*

Ed Glassmeyer, *Oak Investment Partners*

Ashton Newhall, *Montagu Newhall Associates*

Chuck Newhall, *New Enterprise Associates*

Susan Chaplinsky, *Darden School of Business, Associate Dean for Faculty Scholarship*

11:25 – 11:30 **Closing Remarks** Tom Skalak

**Andrew Grimshaw, PhD**

Professor of Computer Science



Grimshaw anticipated that gigabit networks would make possible the realization of very large nationwide virtual computers comprised of a variety of geographically distributed high-performance machines and workstations. To realize the potential of the physical infrastructure, software must be developed that is easy to use, supports large degrees of parallelism in applications code, and manages the complexity of the underlying physical system for the user. Grimshaw's early research projects include Mentat and ELFS.

Mentat was an early object-oriented parallel processing system designed to simplify the task of writing parallel programs. ELFS (Extensible File Systems) addresses the I/O crisis brought on by parallel computers. These projects laid the foundation for the creation of Legion, a collaborative project to realize the potential of the NII by constructing a very large virtual computer that spans the globe. Legion addresses issues such as parallelism, fault-tolerance, security, autonomy, heterogeneity, resource management, and access transparency in a multi-language environment. The Legion project helped set the standards for current Grid Computing research, and has also formed the technological basis of Avaki Corporation (now merged with Sybase).

Andrew Grimshaw received his Ph.D. from the University of Illinois at Urbana-Champaign in 1988. He then joined the University of Virginia as an Assistant Professor of Computer Science, and became Associate Professor in 1994 and Professor in 1999.

He is the chief designer and architect of Mentat and Legion. In 1999, he co-founded Avaki Corporation, and served as its Chairman and Chief Technical Officer, until 2005 when Avaki was acquired by Sybase. In 2003, he won the Frost and Sullivan Technology Innovation Award.

Andrew is a member of the Global Grid Forum (GGR) Steering Committee and the Architecture Area Director in the GGF. He has served on the National Partnership for Advanced Computational Infrastructure (NPACI) Executive Committee, the DoD MSRC Programming Environments and Training (PET) Executive Committee, the CESDIS Science Council, the NRC Review Panel for Information Technology, and the Board on Assessment of NIST Programs. He is the author or co-author of over 50 publications and book chapters.

**Stephen Rich, MD**

Director - Center for Public Health Genomics



Stephen S. Rich, M.D., one of the world's leading epidemiologist and geneticists, directs the new Center for Public Health Genomics. With his leadership, the center works to translate findings from the Human Genome Project into usable science and treatments to benefit patients.

Steve is known internationally for his work in molecular epidemiology, focusing on the genetic basis of diabetes. He is currently the principal investigator and chairman of the Steering Committee for the Type I Diabetes Genetics Consortium and is the chairman of the Steering Committee and co-principal investigator for the Insulin Resistance Atherosclerosis Family Study

He also has collaborated on several projects studying the genetic basis of a wide array of conditions, including diabetic kidney and heart disease, susceptibility to middle ear infections, asthma, and stroke.

Steve received his undergraduate degree from North Carolina State University and his doctorate in quantitative genetics from Purdue University. He then joined the faculty of the University of Minnesota in the Department of Laboratory Medicine. He later joined the faculty of Wake Forest University School of Medicine, where he was director of the Center for Public Health Genomics.

He has written more than 500 publications including peer-reviewed journal articles, editorial commentary, reviews, book chapters and books. He currently serves as an associate editor for Genetic Epidemiology and Diabetes, as well as serving on the editorial board of Current Diabetes Reviews.

**Joe Campbell, MD**

Professor of Electrical and Computer Engineering



Joe Campbell, the Lucien Carr III professor in the Charles L. Brown Department of Electrical and Computer Engineering (ECE), received the 2009 John Tyndall Award from the IEEE Lasers and Electro-Optics Society and the Optical Society of America. It is the highest award given by the fiber optics industry.

Campbell is a renowned innovator in electrical engineering and nanotechnology and widely credited with having developed the modern-day detectors of laser light used in fiber optics systems in telephone and other telecommunication systems. His current research focus involves photodetectors, small semiconductor chips that convert light into current or voltage pulses.

Campbell holds degrees in physics from the University of Texas at Austin and the University of Illinois at Urbana-Champaign. Before joining the UVA faculty, he served on the faculty of the University of Texas at Austin as professor of electrical and computer engineering and Cockrell Family Regents Chair in Engineering. In 2002, Campbell was named to the National Academy of Engineering, considered one of the highest honors in the engineering professions.

**Brent Gunnoe, PhD**

Professor of Chemistry



Brent Gunnoe is Professor of Chemistry at the University of Virginia. His research efforts are focused on fundamental aspects of inorganic and organometallic chemistry and are ultimately directed toward the rational design of new catalysts that form the foundation of novel synthetic methodologies. Professor Gunnoe began his independent career as an Assistant Professor at North Carolina State University in 1999, where he was the recipient of a National Science Foundation CAREER Award, the Sigma Xi Faculty Research Award, an Alfred P. Sloan Research Fellowship and the LeRoy and Elva Martin Award for Teaching Excellence.

In recent years, he has delivered invited presentations at the International Conference on Organometallic Chemistry, the National Science Foundation's Inorganic Workshop and the Organometallic Gordon Conference. Professor Gunnoe received a B.A. in Chemistry from West Virginia University and a Ph.D. from the Department of Chemistry at the University of North Carolina at Chapel Hill.

## Peter Barris

Managing General Partner, New Enterprise Associates



Peter joined New Enterprise Associates (NEA) in 1992 and has served as Managing General Partner since 1999. Since joining NEA, Peter has led investments in over twenty information technology companies that have completed public offerings or successful mergers. These include such industry pioneering companies as Amisys, CareerBuilder, InnerWorkings, Neutral Tandem, UUNET, and Vonage. Prior to joining NEA, Peter was President and Chief Operating Officer of Legent Corporation (LGNT) and Senior Vice President of the Systems Software Division of UCCEL Corporation (UCE). Both companies were ultimately acquired at valuations that were record breaking for their time

Earlier, Peter spent almost a decade at General Electric Company in a variety of management positions, including Vice President and General Manager at GE Information Services. Outside interests include serving on the Northwestern University Board of Trustees, the Dartmouth Tuck School Board of Overseers. Peter previously served on the Executive Committee of the Board of the National Venture Capital Association and was also a founding member of Venture Philanthropy Partners, a philanthropic organization in the Washington D.C. area. He has a BS degree in Electrical Engineering from Northwestern and an MBA from Dartmouth.

## Chuck Newhall

General Partner/Co-Founder, NEA



Chuck is a Co-Founder and General Partner of NEA. His investment activities focus on healthcare services, healthcare information services, and biopharmaceutical companies. His board memberships include Bravo by ElderHealth, CoGenesys, Hospital Partners of America, Pharmos, Sensors for Medicine & Science, Supernus Pharmaceuticals, TargetRx, Trine Pharmaceuticals, and Vitae Pharmaceuticals.

In 1986, he founded the Mid-Atlantic Venture Capital Association (MAVA), which now has over 80 venture capital firms. He is Chairman Emeritus of MAVA.

Chuck served in Vietnam commanding an independent platoon including an initial reconnaissance of Hamburger Hill. His decorations include the Silver Star and Bronze Star V (1st OLC.) Before co-founding NEA, Chuck was Vice President of T. Rowe Price Associates (Vice President of their New Horizons Fund).

He received his MBA from the Harvard University Graduate School of Business and his BA in English Literature with honors from the University of Pennsylvania.

## C. Ashton Newhall

General Partner/Co-Founder, Montagu Newhall Associates



Ashton co-founded Montagu Newhall Associates in 2000, and manages the company's office in Owings Mills, Maryland. Ashton is a third-generation venture capitalist. Before co-founding Montagu Newhall, he was at T. Rowe Price Associates ("T. Rowe Price"), where he was one of the youngest marketers of the firm's investment management services to both institutions and high net worth investors. Specifically, he marketed T. Rowe Price investment management services to the general partners of venture funds and entrepreneurs in both the United States and abroad. Ashton serves on the Board of Elon University's Martha & Spencer Love School of Business ForHealth Technologies, Inc., Domain Associates, the Limited Partners Board for QuestMark Partners, and the Mid-Atlantic Venture Association Selection Committee.

Ashton graduated from Elon College. He also studied via exchange programs at the University of Legon in Accra, Ghana and Curtin University in Perth, Australia.

## Christopher Brightman

CFA Chief Executive Officer, UVIMCO



Chris has executive management responsibility and acts as Chief Investment Officer. He serves as Chairman of the Board for The Investment Fund for Foundations Advisory Services (TIFF) and as an Investment Advisory Committee member of the Virginia Retirement System. He joined UVIMCO in December of 2004.

Chris was previously employed as Chief Investment Officer at Strategic Investment Group, Head of Equity Strategy at UBS Asset Management, Senior Fixed Income Portfolio Manager at Brinson Partners, Vice President and Manager of Asset/Liability Management at Maryland National Bank, and Associate National Bank Examiner at the Comptroller of the Currency. Chris holds the Chartered Financial Analyst designation. He received his BS from Virginia Tech and his MBA from Loyola College of Maryland.

## Ed Glassmeyer

Managing Partner/Co-Founder, Oak Investment Partners



Edward F. Glassmeyer, Managing Partner, co-founded Oak Investment Partners with Stewart Greenfield in 1978. Ed focuses on growth equity investing in the Enterprise Software and Services area and is actively involved in Oak's global initiatives in India and South Korea. He is on the Board of Directors of Collabera, EquaTerra, Geotrace, Major League Gaming, and Xiotech. He partners with Tony Downer on broadband networking companies GTS (Central Europe) and Zayo, and is a Director of interactive media investment for Major League Gaming. Selected earlier investments include Seagate (Founding Investor), Aavid Thermal Technologies, CBORD (to Roper Industries), Cogent Communications, Fiber Optic Network Solutions (to ADC), Media Metrix (to Jupiter), Paysys (to First Data), Picture Vision (to Kodak), Spring Tide (to Lucent), and Telica (to Lucent). Ed started his career with Citicorp Venture Capital, and later became Managing Partner of The Sprout Group at Donaldson, Lufkin, & Jenrette (DLJ).

Ed graduated from Princeton University, served as an officer in the Marine Corps, and received his MBA with distinction from The Amos Tuck School at Dartmouth College, where he now serves on the Board of Overseers. Ed was a founding Director of the National Venture Capital Association (NVCA), and received their Lifetime Achievement Award in 2005.

## Jim Blair

Partner, Domain Associates



Mr. Blair has been a Partner of Domain since its founding in 1985. Present board memberships include Cadence Pharmaceuticals, Cell Biosciences, CoDa Therapeutics, Five Prime Therapeutics, GenVault, Helixis, Meritage Pharma, Microchip Biotechnologies, NeuroPace, and Zogenix. Mr. Blair has over 35 years experience with venture and emerging growth companies.

In the course of this experience, he has been involved in the creation and successful development at the Board level of over 40 life sciences ventures, including Amgen, Aurora Biosciences, Amylin Pharmaceuticals, Applied Biosystems, Dura Pharmaceuticals, GeneOhm Sciences, Molecular Dynamics, Nuvasive, Pharmion and Volcano. A former managing director of Rothschild Inc., Mr. Blair was directly involved at a senior level with Rothschild/New Court venture capital activities from 1978 to 1985.

From 1969 to 1978, he was associated with F.S. Smithers and Co. and White, Weld and Co., two investment banking firms actively involved with new ventures and emerging growth companies. From 1961 to 1969, Mr. Blair was an engineering manager with RCA Corporation, during which time he received a David Sarnoff Fellowship. He currently serves on the Board of Directors of the Prostate Cancer Foundation, and he is on the Advisory Boards of the Department of Molecular Biology at Princeton University, the Department of Biomedical Engineering at the University of Pennsylvania, and the Board of Counselors of the USC Stevens Institute for Innovation.

## Susan Chaplinsky (Moderator)

Professor of Business Administration and Associate Dean for Faculty Scholarship



Susan Chaplinsky is the Tipton R. Snavely Professor of Business Administration and Associate Dean for Faculty Scholarship. She teaches Corporate Financing and Entrepreneurship and Private Equity in Darden's MBA program. Her research interests are primarily in capital raising and corporate finance with specialized interests in private equity, security issuance, capital structure, PIPEs, and employee stock ownership plans (ESOPs). She is the author of numerous articles that have appeared in the Journal of Finance, Journal of Financial Economics, Journal of Business, and Financial Management.

Before coming to Darden in 1994, she was a Visiting Associate Professor at Northwestern University, where she was named the Kellogg Outstanding Professor. She has also taught at the University of Michigan's Ross School of Business. She holds her doctorate in business economics from the University of Chicago's Graduate School of Business.