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James D. Bartlett, Jr, Vice-President, Technology Sector for Sopheon

A 25 year veteran in the technology industry, Jim Bartlett has a strong track record in a wide range of leadership roles in product management, sales, marketing, operations, strategic planning and general management. Currently he is Vice-President, Technology Sector for Sopheon Corporation, a leading enterprise solutions provider in the product lifecycle management segment, responsible to Sopheon's CEO for management and growth of the company's business in the technology sector. Prior to joining Sopheon, Bartlett founded and spent five years leading Pinnacle Management Associates, a management consulting practice serving small- to mid-sized high-technology clients in the US.

Previously, Bartlett served as EVP and Chief Operating Officer of Internet Commerce & Communications (IC&C), where he led a turnaround that closed a revenue gap from a monthly loss of \$1.5M to positive cash flow in just six months, while growing revenues 70 percent. Before joining IC&C, he served as Corporate Vice President and Chief Marketing Officer at Storage Technology Corporation, a multi-billion dollar Fortune 1000 enterprise (subsequently merged with Sun Microsystems), with responsibility for global marketing and e-business. While there, he reduced expenses by 10 percent, implemented a global launch process, developed a new channel marketing effort and initiated a global e-business planning process.

Previously, Bartlett held a number of executive positions at IBM, including as Worldwide Product Line Executive of the ThinkPad business unit, Vice-President of the Aptiva brand, and as Vice-President/Director, Consumer Solutions & Strategy, with worldwide profit and loss responsibility for a range of business areas, including mobile computing, options, home networking and licensing.

Before joining IBM, Bartlett held executive positions at N.V. Philips, and NEC Corporation. While at Philips he increased revenues in one year 500 percent above plan through new product development,

while reducing budgeted expenses by 15 percent. At NEC he helped lead the development and launch of several highly successful product lines in the mobile computing category, growing his new business unit to \$60M in revenues the first year.

During his tenure at IBM, Bartlett was recognized by the company as one of the top 250 most valuable employees within the corporation and was the recipient of IBM's Blue Chip Award. Bartlett received a B.S. degree from Northern Arizona University, and an executive certificate in Brand Management from University of Pennsylvania's Wharton School. He serves as a board member for the Boulder Chamber Orchestra, Colorado Internet Keiretsu, and Gateway Battered Women's Services. Bartlett also serves on the board of advisors for Christian University Global Net, and as an executive advisor for CTEK. He serves as a panelist and keynote speaker on a variety of topics, including leadership new product development, new approaches to strategic marketing, and the essence of building winning brands. He and his family reside in Littleton, Colorado.

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W. Thomas Cathey, University of Colorado, Founder of CDM Optics

Dr. Cathey received his B.S. and M.S. in Electrical Engineering from the University of South Carolina, and his PhD from Yale University. At the Autonetics Research Center at Rockwell International, he did research in holography, imaging through the atmosphere, and adaptive optics. He then taught for 16 years at the Denver campus of CU, where he served as Chair of the EE&CS Dept. and Chair of the Faculty Senate. He then moved to the Boulder campus. From 1987 to 1993, he was director of a NFS Engineering Research Center for Optoelectronic Computing Systems. Recent work on imaging systems resulted in the design of a new type of imaging system combining optical image acquisition and digital signal processing. This work resulted in imaging systems where the depth of field can be increased by a factor of eight, with preservation of the resolution. This work resulted in the formation of CDM Optics, Inc. by Drs. Cathey, Edward Dowski, and R.C. Mercure. Dr. Cathey served as President of this company until it was sold to OmniVision Technologies, Corp in 2005. He then served as Chief Technical Officer until his retirement in February.

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Russell Farmer, Founder, President and Corporate Executive of PBC inc.

Russell Farmer is the Founder, President and Corporate Executive of PBC inc., the nation's premier SBIR support services company.

Over the last 18 years, Mr. Farmer has functioned as the CEO of PBC and as a Corporate Executive to include coaching/mentoring over a hundred client CEOs and senior management, facilitation of strategic planning exercises, commercialization strategy, CFO services, and other senior management functions for client companies nationwide. He has worked with hundreds of small businesses across the nation including numerous start-ups and is a nationally recognized expert in the SBIR/STTR programs and their effective use.

His previous Industry Experience includes seven years as CFO and Financial Vice President of an aerospace systems engineering company Government contractor. He supervised and directed all aspects of finance, accounting and contract management. This company grew from 30 employees to over 700 employees during these seven years. He spent six years as Corporate Controller for a publicly held electronics manufacturing company and directed all aspects of accounting, together with bank and leasing company relationships. He also worked for four years as an auditor for a "Big 8 (now big 4)" accounting firm, where he audited a variety of companies including companies in electronic manufacturing, rifle scope manufacturing, real estate development, mobile home community development, and envelope/stationary printing.

Mr. Farmer was one of the founders of and serves as Executive Director for SBIR Colorado, a non-profit organization dedicated to the education and promotion of the SBIR and STTR programs within the state of Colorado. He is also a member of the Board of Directors of the Small Business Technology Coalition, the national advocacy organization for the SBIR program.

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R.C. Mercure, Jr., Physics Special

One job is not enough for R.C. "Merc" Mercure, Jr. His strong interests in technology and management have led to two concurrent positions at the College: director of the Engineering Management Program and managing director and chairman of the Policy Board of the Optoelectronic Computing Systems Center (OCS).

"I would hate to have to choose between them," he says. This won't become necessary because his colleagues are thrilled with his contributions to both. "He's a jack of all trades and master of all as well," says Assistant Dean Lanny Pinchuk. "He has been involved in the technical side of engineering, the business side, and the academic side-what a combination."

Mercure's technological curiosity began while he was growing up in Loveland, Colorado. "As a kid I was always taking things apart and, hopefully, putting them together again," he says.

As an undergraduate at CU-Boulder, he planned to be a patent attorney but also took several physics classes. When he met the future Nancy Mercure, a CU sociology major, he decided to finish quickly in physics rather than continue to law school so that he could support a wife.

Nancy and Merc graduated in June and August 1951, respectively, and were married the day after Nancy received her B.A. They have two children, Susan and Sheryl; the latter received an MBA from CU in 1985.

Mercure's first jobs took him to the heart of physics research. He worked on classified atomic weapon programs at Dow Chemical's Rocky Flats plant near Boulder, and while working for Cambridge Corporation in Boulder, he participated in a series of weapon tests in the central Pacific.

Mercure returned to CU in 1954 and earned his M.S. and Ph.D. in physics in less than four years. In 1956, he and five others formed Ball Brothers Research Corporation in Boulder. He first worked as a physicist designing spectrographic instruments. Suddenly his manager left and, as Mercure puts it, "It turned out I became the guy running the place." The operation grew from about 20 people at the beginning to 1,800 in three divisions by 1970, and to nearly 2,400 in 1980 when he declined to assume more responsibilities and move to corporate headquarters in Muncie, Indiana.

Mercure served as group vice president and finally as the vice president of corporate development. Considering his 23 successful years with Ball, it's no surprise that he became passionate about start-up companies.

"It's a fascinating business," he says, "taking an embryonic idea, combining it with good people, and making a successful company."

As vice president of Colorado Venture Management in Boulder for part of the last decade, he helped many companies grow and prosper. The company invested management, time, and funds in start-ups, including Colorado's first co-generation facility, located in Rifle. This 75-megawatt electrical generating plant uses waste heat to grow tomatoes in an adjacent 10-acre greenhouse.

During this period, he served on more than two dozen boards of directors and remains active on the boards of six companies.

Joining the College in 1987, he was key to developing the curriculum for a new master's degree program in engineering management. This program, the first of its kind in the Colorado front range area, is designed principally for working engineers who are served at their work sites through live delivery of televised courses with interactive audio communications.

At OCS, Mercure's main tasks involve internal administration and external relations with OCS's 15 corporate sponsors. About half of OCS's support comes from the National Science Foundation as an NSF Engineering Research Center. But a large fraction of its support comes from corporate sponsors and associates who share in its research results and intellectual property.

Mercure's activities have included serving as commissioner of the Colorado Advanced Technology Institute, as chairman of the American Electronics Association, and on the Governor's Science and Technology Advisory Committee. He was a Boulder city councilman in the early 1970s.

He was honored by the Physics Department as an Outstanding Alumnus in 1981 and by the Alumni Association with its highest honor, the George Norlin Award, in 1987.

As for his future, Mercure says, "Eventually, I suppose I'll retire, but even then I'll still probably be active in trying to help small companies succeed."

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Arlen Meyers, MD, MBA, Professor, UCDHSC

Arlen D. Meyers, MD, MBA is Professor of Otolaryngology, Dentistry and Engineering at the University of Colorado at Denver and Health Sciences. In addition, he teaches technology transfer and new venture creation at the University of Colorado College of Business Bard Center for Entrepreneurship Development.

Educational Background

Dr. Meyers received his B.S. degree from Dickinson College, his M. D. from Jefferson Medical College and did his residency in Otolaryngology-Head and Neck Surgery at the University of Pennsylvania. He received his MBA from the University of Colorado and is a former Harvard-Macy fellow.

Additional Information

Dr. Meyers is the author of over 200 articles and book chapters and is Editor-in Chief of eMedicine.com: Otolaryngology-Facial Plastic Surgery. He is the cofounder and Chief Medical officer of a medical device start up company, Oncolight, and is a consultant to several other medical device companies. He presently serves on the Executive Committee of the University of Colorado Bioengineering Center.

Dr. Meyers is a member of the Colorado Governor's Commission on Science and Technology, a member of the Colorado Nanotechnology Task Force and was formerly the Executive Director of the Colorado Alliance for Bioengineering. IN addition, he is cofounder and former director of the University of Colorado MD/MBA program.

Dr. Meyers was named as a member of the Denver Business Journal's 2004 Who's Who in Healthcare and directs the International Bioentrepreneurship Fellowship Program at the Bard Center for Entrepreneurship Development at the University of Colorado-Denver College of Business.

Dr. Meyers also serves as a member of the Colorado Nanotechnology Task Force.

[Back to top](#)**Stephen Miller, Executive Director, Denver Ventures at Stapleton (CTEK Stapleton)**

Stephen Miller is the Executive Director of Denver Ventures at Stapleton (CTEK Stapleton). He is a successful entrepreneur, having founded RE/Econ Consulting, an economic analysis and development consulting firm with clients such as the City of Lone Tree, Newland Communities, and HealthOne Sky Ridge Medical Center.

Prior to forming RE/Econ, he was the Vice President and Chief Economist of the Southeast Business Partnership, where he led economic development efforts for the south metro Denver region, representing clients including First Data Corporation, Echostar, CH2M Hill, Aspen Bio, Stryker Endoscopy, Time Warner Telecom, Charles Schwab, and Nordstrom. He has also served as an economist for the Colorado Department of Labor, where he created the Job Vacancy Survey, for which he was recognized by the Denver Business Journal as one of Denver's Forty Under 40 business leaders in 2000.

Miller earned a Bachelor of Arts in Economics from the University of Denver, and a Master of Public Administration from the University of Colorado. He lives in the Stapleton community with his wife, Cynthia, and plays (but doesn't always enjoy) golf when he's not off searching for the next great technology entrepreneur.

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Wendy Pifher joined Holland & Hart in 1994. She specializes in the areas of domestic and international intellectual property, technology transfer, multi-media licensing, entertainment publishing and interactive media. Wendy represents clients offering products and services in a wide range of industries, including high-tech, sports, entertainment, healthcare, finance, insurance, natural resources, and retail commodity businesses. She counsels clients surrounding all aspects of trademark selection, clearance and enforcement, including domain name disputes, and provides representation in opposition and cancellation proceedings before the Trademark Trial & Appeal Board. She also represents clients seeking copyright registrations in the U.S. Copyright Office and in copyright infringement matters.

Wendy is experienced in drafting and negotiating domestic and international technology agreements, including e-commerce and multi-media licenses, co-branding, marketing, private label, software consulting and development, distribution and contractor agreements, as well as a wide range of Internet-based technology transfer and e-commerce commodity agreements.

Wendy's entertainment law practice extends to a broad range of legal matters on behalf of writers, musicians, artists and producers, including privacy and publicity rights and negotiating and preparing agreements for music, television, literary works and multi-media projects.

[Back to top](#)**Tom Smerdon is Director, New Business Development for the University of Colorado Technology Transfer Office**

Tom Smerdon is Director, New Business Development for the University of Colorado Technology Transfer Office, where he is involved with commercializing CU technologies through new business creation. Tom works with inventors, TTO staff, students and the business community to facilitate the creation and growth of start-up companies based on intellectual property developed by CU investigators. Before joining the CU TTO in May 2005, Tom was Associate Director for The Ohio State University's Office for Technology Licensing. Prior to entering the university tech transfer arena, Tom was involved with two start-up companies as a founder, and before that served as General Counsel and Director of Environment, Health and Safety for a private adhesive and polymer manufacturer and as Assistant General Counsel of the Chemical Manufacturers Association in Washington, D.C. Tom is a graduate of Duke University and the University of Texas Law School.

[Back to top](#)**Renjeng Su, PhD, Dean of the College of Engineering and Applied Science at the University of Colorado at Denver and Health Sciences Center and Fellow of IEEE**

Renjeng Su, currently Dean of Engineering at CU Denver and previously Chair of the Department of Electrical Engineering at CU-Boulder, has been a faculty member in electrical engineering since 1985. His main areas of research interest feedback systems and data storage.

As Dean of the College of Engineering and Applied Science, Professor Su has directed the modernization of all undergraduate teaching laboratories, including implementation of a new cutting-edge laboratory facility in photonics and biomedical device engineering. He actively supported a new bioengineering initiative as well as facilitating the partnering of engineering faculty and students with Health Sciences Center researchers on medical research. With input from his advisory board, Su oversaw the development of a new multidisciplinary initiative in sustainable infrastructure design. He also conceived of and implemented a new certificate program in Systems Engineering for metro-area engineers.

Professor Su's goal of preparing engineering students to excel in their work as real-world problem solvers has become a core emphasis of the students' learning experience at the College of Engineering.

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Randall P. Tagg, Associate Professor & Physics Department Chair

PROFESSIONAL PREPARATION

1977 B.S. Physics California Institute of Technology (with honors)

1984 Ph.D. Physics Massachusetts Institute of Technology

1984-90 Postdoc University of Texas at Austin

APPOINTMENTS

2006- Chair, UCDHSC Department of Physics

1995- 2006 Associate Professor of Physics / (1999) Executive Director, Center for Learning through Applied Research and Innovation (CLARI), University of Colorado at Denver and Health Sciences Center (UCDHSC)

1990-1995 Assistant Professor of Physics, University of Colorado at Denver

1984-1990 Postdoctoral Research Fellow, University of Texas at Austin

1978-1984 Graduate Research Assistant, M.I.T.

1977-1978 Staff Scientist, Caltech Jet Propulsion Laboratory

1974-1977 Undergraduate Research Assistant, Jet Propulsion Laboratory

FIVE PUBLICATIONS

2005 Randall. Tagg, Masoud Asadi-Zeydabadi, and Arlen D. Meyers, "Biophotonic and other physical methods for characterizing oral mucosa," *Otolaryngologic Clinics of North America* 38, no. 3 (2005).

2006 Randall Tagg and Patrick D. Weidman, "Linear stability of radially-heated circular Couette flow with simulated radial gravity", *Zeitschrift fur Angewandte Mathematik und Physik (ZAMP)*, in press.

1995 John Starrett and Randall Tagg, "Control of a chaotic parametrically driven pendulum", *Phys. Rev. Lett.* 74, 1974-1977.

(This work was the basis of John Starrett's being chosen as one of six finalists for the APS Apker Award.)

1995 Randall Tagg, "Instability and the origin of complexity in fluid flows," 1993 *Lectures in Complex Systems*, ed. by Lynn Nadel and Daniel L. Stein (Addison-Wesley), pp. 231-379.

1994 Randall Tagg "The Couette-Taylor problem" *Nonlinear Science Today* 4, no. 3, 1-25.

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Romi Kher, Events Coordinator

Romi Kher, Events Coordinator, oversees the logistics of the NCIIA's annual meeting, arranges E-Team presentations, assists with Invention to Venture Workshops, and works on a variety of special projects. He is a graduate of the UMass Amherst, School of Management MBA program. Romi is a faculty member at The International College of Hospitality Management, Suffield, CT.

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