

**Victor M. Bright** received a BSEE degree from the University of Colorado at Denver in 1986, and the M.S. and Ph.D. degrees from the Georgia Institute of Technology, in 1989 and 1992, respectively.

Dr. Bright is the Alvah and Harriet Hovlid Professor and Chair of the Department of Mechanical Engineering, and the Faculty Director for Discovery Learning, College of Engineering and Applied Science (CEAS), University of Colorado at Boulder (UCB). From 2005 through 2007, he served as the Associate Dean for Research, CEAS, UCB. Prior to joining the University of Colorado, he was a Professor in the Department of Electrical and Computer Engineering, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio (1992-1997). During 2004 he was a Visiting Professor at the Swiss Federal Institute of Technology (ETH-Zurich), Switzerland. Prof. Bright's research activities include micro- and nano-electro-mechanical systems (MEMS and NEMS), silicon micromachining, microsensors/microactuators, optical, magnetic and RF microsystems, atomic-layer deposited materials, ceramic MEMS, MEMS reliability, and MEMS packaging. Dr. Bright has served on the Executive Committee of the ASME MEMS Division, on the Technical Program Committee of the IEEE MEMS 2000-2006 conferences, and as the General Co-Chair for the IEEE MEMS 2005 International Conference. He also served on the Technical Program Committees for the Transducers'03, Transducers'07, IEEE/LEOS Optical MEMS 2003-2005, and Hilton Head 2008 Solid-State Sensors and Actuators Workshop. He has taught a Short Course on MEMS Packaging at Transducers'03 and Transducers '05. Prof. Bright is a Fellow of ASME, a Senior Member of IEEE, and an author of over 90 archived journal papers in the fields of MEMS, NEMS and microsystems.

Dr. Bright has received the following awards and honors:

- 2007-2008 Boulder Faculty Assembly Award for Excellence in Research, Scholarly and Creative Work, University of Colorado, Boulder.
- Fellow, American Society of Mechanical Engineers (ASME), Dec. 2007.
- 2006-2007 Outstanding Graduate Educator Award, Dept. of Mechanical Engineering, University of Colorado, Boulder.
- Alvah M. and Harriet O. Hovlid Professor, July 2007.
- Institute of Electrical and Electronics Engineers (IEEE), Senior Member, June 2007.
- 2006 Team of the Year Award, Rockwell Scientific Company, Chip-Scale Atomic Clock (CSAC), Team Leader: J. DeNatale (Rockwell), UCB Team: Y.C. Lee, V.M. Bright, Z. Popovic.
- Outstanding Research Award, Dept. Mechanical Engineering, Univ. of Colo, Boulder, 2004-2005.
- Meritorious Paper Award – Government Microcircuit Applications & Critical Technology Conference (GOMACTech), March 15-18, 2004, Monterey, CA.
- Best Paper Honorable Mention - IEEE Transactions on Advanced Packaging, Year 2003.
- Two Best Papers of Session Awards, 35<sup>th</sup> Int. Symp. Microelectron. (IMAPS 2002), 4-6/9/2002, Denver, CO.
- Best Student Paper Award, IMAPS 2002, 4-6/9/2002, Denver, CO.
- Best Paper, International Conference and Exhibition on Multichip Modules and High Density Packaging, Denver (MCM'98), CO, April 15-17, 1998.
- Best Paper of Session Award, MCM'98, Denver, CO, April 15-17, 1998.
- R.F. Bunshah Best Paper Award, 1996 Intl. Conference on Metallurgical Coatings and Thin Films.

Contact Information:

Victor M. Bright, Ph.D.  
Alvah and Harriet Hovlid Professor  
Chair, Department of Mechanical Engineering  
Faculty Director for Discovery Learning

College of Engineering & Applied Science  
Department of Mechanical Engineering  
University of Colorado at Boulder  
ECME 120, 427 UCB  
Boulder, Colorado 80309-0427  
Phone: (303) 735-1734  
Fax: (303) 492-3498  
E-mail: [victor.bright@colorado.edu](mailto:victor.bright@colorado.edu)  
<http://mems.colorado.edu>