



Principal Investigators, Center for Low Energy Systems Technology

Joerg Appenzeller, Purdue University, Department of Electrical and Computer Engineering
Ph.D. in Physics, Technical University Aachen, Germany, 1995
Industry positions: IBM T. J. Watson Research Center (2001-2007)

Peter Asbeck, University of California San Diego, Department of Electrical and Computer Engineering
Ph.D. in Electrical Engineering, Massachusetts Institute of Technology, 1975
Industry positions: Philips Laboratories (1975-1979), Rockwell International (1979-1991)

Zhihong Chen, Purdue University, Department of Electrical and Computer Engineering
Ph.D. in Physics, University of Florida, 2003
Industry positions: IBM T. J. Watson Research Center (2004-2010)

K. J. Cho, University of Texas at Dallas, Departments of Materials Science and Engineering and Physics
Ph.D. in Physics, Massachusetts Institute of Technology, 1994

Suman Datta, Pennsylvania State University, Department of Electrical Engineering
Ph.D. in Electrical and Computer Engineering, University of Cincinnati, 1999
Industry positions: Intel (1999-2007)

Robert Dunn, University of Notre Dame, Nanotechnology Centers (NDnano, MIND, LEAST)
Ph.D. in Aeronautical Engineering, University of Illinois, 1968
Industry positions: IBM Corporation (1967-2001)

Patrick Fay, University of Notre Dame, Department of Electrical Engineering
Ph.D. in Electrical Engineering, University of Illinois, 1996

Randall Feenstra, Carnegie Mellon University, Department of Physics
Ph.D. in Applied Physics, California Institute of Technology, 1982
Industry positions: IBM T. J. Watson Research Center (1982-1995)

Susan Fullerton, University of Notre Dame, Department of Electrical Engineering
Ph.D. in Chemical Engineering, Pennsylvania State University, 2009

Arthur Gossard, University of California Santa Barbara, Department of Materials, Electrical and Computer Engineering
Ph.D. in Physics, UC Berkeley
Industry positions: AT&T Bell Laboratories

Supratik Guha, University of Chicago, Institute for Molecular Engineering, Argonne National Laboratory
Ph.D. in Materials Science from the University of Southern California, 1991
Industry positions: Director of Physical Sciences at IBM Research

Sumeet Gupta, Pennsylvania State Univ., Department of Electrical Engineering
Ph.D. in Electrical and Computer Engineering, Purdue University
Industry positions: Qualcomm

Christopher Hinkle, University of Texas at Dallas, Department of Materials, Science and Engineering
Ph.D. in Physics, North Carolina State University

Adam S. Hock, Illinois Institute of Technology, Department of Chemistry, Argonne National Laboratory, Chemical Sciences and Engineering division

Ph.D. in Inorganic Chemistry, Massachusetts Institute of Technology, 2007

Xiaobo Sharon Hu, University of Notre Dame, Department of Computer Science and Engineering

Ph.D. in Electrical Engineering, Purdue University, 1989

Industry positions: General Motors Research Laboratories (1989-1993)

Debdeep Jena, Cornell University, Department of Electrical and Computer Engineering, Materials Science and Engineering

Ph.D. in Electrical and Computer Engineering, University of California Santa Barbara, 2003

Moon Kim, University of Texas at Dallas, Department of Materials Science and Engineering

Ph.D. in Materials Science, Arizona State University, 1988

Stacia Keller, University of California Santa Barbara, Department of Electrical and Computer Engineering

Ph.D. in Chemistry, University of Leipzig, Germany, 1986

Gerhard Klimeck, Purdue University, Department of Electrical and Computer Engineering

Ph.D. in Electrical Engineering, Purdue University, 1994

Industry positions: Texas Instruments (1995-1998), Jet Propulsion Laboratory (2001-2003)

Andrew Kummel, University of California San Diego, Department of Chemistry

Ph.D. in Chemistry, Stanford University, 1988

Theresa Mayer, Pennsylvania State Univ., Departments of Electrical Engineering and Materials Science and Engineering

Ph.D. in Electrical Engineering, Purdue University, 1993

Joseph Nahas, University of Notre Dame, Department of Computer Science and Engineering

Ph.D. in Electrical Engineering, Purdue University, 1971

Industry positions: Bell Laboratories (1976-1990), Motorola/Freescale Semiconductor (1990-2008)

Vijaykrishnan Narayanan, Pennsylvania State University, Department of Computer Science and Engineering

Ph.D. in Computer Science and Engineering, University of South Florida, 1998

Michael Niemier, University of Notre Dame, Department of Computer Science and Engineering

Ph.D. in Computer Science and Engineering, University of Notre Dame, 2004

Joshua Robinson, Pennsylvania State University, Department of Materials Science and Engineering

Ph.D. in Materials Science and Engineering, Pennsylvania State University, 2005

Naval Research Laboratory (2005-2007)

Mark Rodwell, University of California Santa Barbara, Department of Electrical and Computer Engineering

Ph.D. in Electrical Engineering, Stanford University, 1988

Industry positions: AT&T Bell Laboratories (1982-1984)

Sayeef Salahuddin, University of California Berkeley, Department of Electrical Engineering and Computer Science

Ph.D. in Electrical and Computer Engineering, Purdue University, 2007

Alan Seabaugh, University of Notre Dame, Department of Electrical Engineering

Ph.D. in Electrical Engineering, University of Virginia, 1985

Industry positions: Texas Instruments (1986-1997), Raytheon (1997-1999)

Darrell Schlom, Cornell University, Department of Material Science and Engineering
Ph.D. in Materials Science and Engineering, Stanford University
Industry positions: IBM research lab in Zurich, Switzerland

Alejandro Strachan, Purdue University, Department of Materials Engineering
Ph.D. in Physics, University of Buenos Aires, 1998

Susanne Stemmer, University of California Santa Barbara, Department of Materials
Ph.D. in Materials Science, University of Stuttgart, Germany, 1995

Chris Van de Walle, University of California Santa Barbara, Department of Materials
Ph.D. in Electrical Engineering, Stanford University, 1986
Industry positions: IBM T. J. Watson Research Center (1986-1988), Philips Laboratories (1988-1991)

Robert Wallace, University of Texas at Dallas, Department of Materials Science and Engineering
Ph.D. in Physics, University of Pittsburgh, 1988
Industry positions: Texas Instruments (1990-1999)

Huili Grace Xing, Cornell University, Department of Electrical and Computer Engineering, Materials Science and Engineering
Ph.D. in Electrical Engineering, University of California Santa Barbara, 2003