

## **IEEE LEON K. KIRCHMAYER GRADUATE TEACHING AWARD**

### **RECIPIENTS**

- 2022 – MARILYN C. WOLF  
Koch Professor of  
Engineering and Director, School of  
Computing, University of Nebraska,  
Lincoln, Nebraska, USA  
“For creating a community of researchers  
and practitioners in embedded computing  
through education, outreach, and research.”
- 2021 – ANDREA GOLDSMITH  
Dean of Engineering and Applied  
Science, Princeton University –  
Engineering Quadrangle, Princeton,  
New Jersey, USA  
“For educating, developing, guiding, and  
energizing generations of highly successful  
students and postdoctoral fellows.”
- 2020 – SHU LIN  
Adjunct Professor, Department of  
Electrical and Computer Engineering,  
University of California at Davis,  
California, USA  
“For transforming graduate education in the  
fields of coding theory, information theory,  
and digital communications.”
- 2019 – GREGORY WORNELL  
Sumitomo Professor of Engineering,  
Department of Electrical Engineering  
and Computer Science,  
Massachusetts Institute of  
Technology, Cambridge,  
Massachusetts, USA  
“For leadership in the mentoring of research  
students and in the development of  
graduate curricula that incorporate cutting-  
edge research perspectives.”
- 2018 - MARK S. LUNDSTROM  
Carol Scifres Distinguished  
Professor, School of Electrical and  
Computer Engineering, Purdue  
University, West Lafayette, Indiana,  
USA  
“For creating a global online community for  
graduate education in nanotechnology as  
well as teaching, inspiring, and mentoring  
graduate students.”
- 2017 - CHUNG-CHIEH JAY KUO  
Professor, University of Southern  
California, Los Angeles, California,  
USA  
“For inspirational guidance of graduate  
students and curriculum development in the  
area of multimedia signal processing”
- 2016 – K.J. RAY LIU  
Christine Kim Eminent Professor  
of Information Technology,  
Electrical and Computer Engineering  
Department, University of Maryland,  
College Park, Maryland, USA  
“For exemplary teaching and curriculum  
development, inspirational mentoring of  
graduate students, and broad educational  
impact in signal processing and  
communications.”
- 2015 - DANIEL J. COSTELLO  
Emeritus Professor of Electrical  
Engineering, University of Notre  
Dame, Notre Dame, Indiana, USA  
“For profound and lasting contributions to  
graduate education in coding, information  
theory, and digital communications.”

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- 2014 - JOHN MATHEW CIOFFI  
Hitachi America Professor of  
Engineering (Emeritus), Stanford,  
University, Packard Electrical  
Engineering Building, Stanford, CA  
USA  
"For educating a stellar array of graduate  
students in digital communications and for  
inspiring them to make a difference."
- 2013 - HIDENORI AKIYAMA  
Professor, Kumamoto University,  
Kumamoto, Japan  
"For excellence in graduate teaching,  
curriculum development, inspirational  
research guidance, and development of  
widely used textbooks in pulsed power."
- 2012 - ANTHONY G. CONSTANTINIDES  
Emeritus Professor, Imperial College,  
London England  
"For educating, inspiring and mentoring  
generations of graduate students in digital  
signal processing and communications  
throughout the world."
- 2011 - JOHN D. CRESSLER  
Ken Byers Professor, Georgia  
Institute of Technology,  
Atlanta, GA, USA  
"For inspirational teaching and student  
mentoring in the field of advanced  
microelectronic devices and circuits."
- 2010 - ALAN N. WILLSON, JR.  
Professor, Engineering & Applied  
Science, University of California,  
Los Angeles  
Los Angeles, CA, USA  
"For exemplary teaching and curriculum  
development and for inspirational guidance  
of PhD. Student research in the area of  
circuits and systems."
- 2009 - ROGER W. BROCKETT  
An Wang Professor of EE and CS,  
School of Engineering and Applied  
Science, Harvard University,  
Cambridge, MA, USA  
"For inspirational mentoring of generations  
of graduate students who have gone on to  
define the field of control engineering."
- 2008 - SUPRIYO DATTA  
Thomas Duncan Distinguished  
Professor of Electrical and Computer  
Engineering, Purdue University,  
West Lafayette, IN, USA  
"For his unique approach to quantum  
transport that has inspired and educated  
graduate students in the field of nanoscale  
electronic devices"
- 2007 - MICHAEL SHUR  
Rensselaer Polytechnic Institute  
Troy, NY, USA  
"For inspirational guidance of graduate  
students & development of novel teaching  
materials in solid-state electronics."
- 2006 - TOBY BERGER  
Jacobs Professor of Engineering  
Cornell University,  
Ithaca, NY, USA  
"For sustained excellence in graduate  
education and research in information  
theory."

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- 2005 – JAGDISHKUMAR AGGARWAL  
Professor, University of Texas  
Austin, TX, USA  
"For inspiring graduate students to achieve excellence through mentoring, teaching, and guidance of research in computer vision and signal processing."
- 2004 – SIMON HAYKIN  
University Professor, Dept of ECE  
McMaster University  
Hamilton, Ontario, Canada  
"For his pioneering contributions to graduate education and curriculum development."
- 2003 - ROBERT G. MEYER  
Professor, Department of Electrical  
Engineering and Computer Sciences,  
University of California, Berkeley, CA  
Berkeley, CA, USA  
"For inspirational classroom teaching,  
outstanding mentoring, and developing  
excellent teaching materials in  
microelectronic circuit design."
- 2002 – VIJAY K. BHARGAVA  
Univ of Victoria  
Victoria, BC Canada  
"For excellence in graduate teaching,  
curriculum development, and inspirational  
research guidance of graduate students in  
the area of wireless communications."
- 2001 - HAROLD VINCENT POOR  
Princeton University  
Princeton, NJ, USA  
"For exemplary teaching, inspired guidance  
of graduate students, and contributions to  
graduate education in statistical signal  
processing."
- 2000 - WENG CHO CHEW  
University of Illinois at Urbana-  
Champaign  
Urbana, IL, USA  
"For contributions to the inspirational  
teaching of graduate students, developing  
graduate curricula, and inculcating  
enthusiasm in graduate research in classical  
and computational electromagnetics."
- 1999 - LESTER FUESS EASTMAN  
Cornell University  
Ithaca, NY, USA  
"For inspirational teaching with an impact on  
semiconductor devices through  
interdisciplinary graduate education."
- 1998 - GABOR C. TEMES  
Oregon State University  
Corvallis, OR, USA  
"For inspirational teaching and research  
guidance of graduate students, and for the  
authorship of widely used graduate level  
textbooks."
- 1997 - RONOLD W. P. KING  
Harvard University  
Cambridge, MA, USA  
"For exemplary standards in teaching and  
research, and for a lifetime of dedication to  
his students."
- 1996 - SUNG-MO (STEVE) KANG  
"For inspirational graduate teaching and

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**RECIPIENTS**

University of Illinois  
Champaign, IL, USA

fostering of interdisciplinary research."

1995 - ALBERTO SANGIOVANNI-  
VINCENTELLI  
University of California  
Berkeley, CA, USA

"For excellence in graduate teaching,  
curriculum development, and research  
guidance in computer-aided design of  
electronic circuits."

1994 - THOMAS K. GAYLORD  
Georgia Institute of Technology  
Atlanta, GA, USA

"For contributions to graduate education in  
optics and electrical engineering, and for  
inspirational guidance of Ph.D. students."

1993 - RUDOLF SAAL  
Technische Universität  
Munich, Germany

"For inspired teaching, concerned guidance,  
and research supervision of electrical  
engineering graduate students."

1992 - JAMES H. MULLIGAN, JR.  
University of California  
Irvine, CA, USA

"For inspiring graduate students, and  
leadership in the development of research-  
based curricula and graduate teaching."