

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

### **RECIPIENTS**

- 2024 – DAVID N.C. TSE  
Thomas Kailath and Guanghan Xu  
Professor of Engineering, School of  
Engineering, Stanford University,  
Stanford, California, USA  
“For inspirational mentoring and  
contributions to graduate teaching in  
wireless communication, power systems,  
computational biology, and blockchains.”
- 2023 – RÜDIGER URBANKE  
Dean, IC, École Polytechnique  
Fédérale de Lausanne, Lausanne,  
Switzerland  
“For contributions to graduate education,  
empowering students and mentorship that  
advanced the world of wireless and  
engineering communication.”
- 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”

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- 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.”
- 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  
“For his unique approach to quantum transport that has inspired and educated

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| Professor of Electrical and Computer Engineering, Purdue University, West Lafayette, IN, USA   | graduate students in the field of nanoscale electronic devices"   |
| 2007 – MICHAEL SHUR<br>Rensselaer Polytechnic Institute<br>Troy, NY, USA   | "For inspirational guidance of graduate students & development of novel teaching materials in solid-state electronics."   |
| 2006 – TOBY BERGER<br>Jacobs Professor of Engineering<br>Cornell University,<br>Ithaca, NY, USA  | "For sustained excellence in graduate education and research in information theory."  |
| 2005 – JAGDISHKUMAR AGGARWAL<br>Professor, University of Texas<br>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<br>University Professor, Dept of ECE<br>McMaster University<br>Hamilton, Ontario, Canada   | "For his pioneering contributions to graduate education and curriculum development."  |
| 2003 – ROBERT G. MEYER<br>Professor, Department of Electrical Engineering and Computer Sciences, University of California, Berkeley, CA<br>Berkeley, CA, USA | "For inspirational classroom teaching, outstanding mentoring, and developing excellent teaching materials in microelectronic circuit design."   |
| 2002 – VIJAY K. BHARGAVA<br>Univ of Victoria<br>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<br>Princeton University<br>Princeton, NJ, USA   | "For exemplary teaching, inspired guidance of graduate students, and contributions to graduate education in statistical signal processing."   |
| 2000 – WENG CHO CHEW<br>University of Illinois at Urbana-Champaign<br>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<br>Cornell University  | "For inspirational teaching with an impact on semiconductor devices through   |

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**RECIPIENTS**

- Ithaca, NY, USA
- 1998 – GABOR C. TEMES  
Oregon State University  
Corvallis, OR, USA
- 1997 – RONOLD W. P. KING  
Harvard University  
Cambridge, MA, USA
- 1996 – SUNG-MO (STEVE) KANG  
University of Illinois  
Champaign, IL, USA
- 1995 – ALBERTO SANGIOVANNI-  
VINCENTELLI  
University of California  
Berkeley, CA, USA
- 1994 – THOMAS K. GAYLORD  
Georgia Institute of Technology  
Atlanta, GA, USA
- 1993 – RUDOLF SAAL  
Technische Universität  
Munich, Germany
- 1992 – JAMES H. MULLIGAN, JR.  
University of California  
Irvine, CA, USA
- interdisciplinary graduate education."
- "For inspirational teaching and research guidance of graduate students, and for the authorship of widely used graduate level textbooks."
- "For exemplary standards in teaching and research, and for a lifetime of dedication to his students."
- "For inspirational graduate teaching and fostering of interdisciplinary research."
- "For excellence in graduate teaching, curriculum development, and research guidance in computer-aided design of electronic circuits."
- "For contributions to graduate education in optics and electrical engineering, and for inspirational guidance of Ph.D. students."
- "For inspired teaching, concerned guidance, and research supervision of electrical engineering graduate students."
- "For inspiring graduate students, and leadership in the development of research-based curricula and graduate teaching."