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## **DUNCAN T. MOORE** **Curriculum Vitae**

**The Institute of Optics**  
**University of Rochester**  
**Rochester, NY 14627-0186**  
**Tel: 585-275-5248**  
**E-mail: moore@optics.rochester.edu**

### **Professional Experience**

Rudolf and Hilda Kingslake Professor of Optical Engineering, University of Rochester, 1993-present

Vice Provost for Entrepreneurship, University of Rochester, 2007-present

Director for Entrepreneurship Activities, University of Rochester, 2006-2007

Professor of Business Administration, University of Rochester (William E. Simon Graduate School of Business Administration), 2005-present

Distinguished Guest Professor (Global), Graduate School of System Design and Management, Keio University, Tokyo Japan, 2013-2018

President, International Commission on Optics, 2012 - 2015

Area Coordinator for Entrepreneurship, 2008-present

Senior Fellow, Greater Rochester Enterprise, 2005-2007

Consulting Professor, Center for Longevity, Stanford University, 2005-2009

President and Chief Executive Officer, Infotonics Technology Center Inc., Canandaigua, NY, 2002-2004

Professor of Biomedical Engineering, University of Rochester, 2001-present

Special Assistant to the President of the University of Rochester and Executive Director of the University, Industry, and Government Partnership for Advanced Photonics, 2001-2002

Senior Science Advisor, Optical Society of America, Washington, DC, 2001-2003

Special Advisor to the Director, White House Office of Science and Technology Policy, Executive Office of the President, December 2000 – May 2001

Associate Director for Technology, White House Office of Science and Technology Policy, Executive Office of the President, December 1997 –December 2000

Dean, School of Engineering and Applied Sciences, University of Rochester, 1995-1997

American Physical Society Congressional Science Fellow:  
Science, Technology and Space Fellow in the office of Senator John D. Rockefeller IV, West Virginia, 1993-1994

Professor, The Institute of Optics, University of Rochester, 1986-present

Associate Professor, The Institute of Optics, University of Rochester, 1978-1986

Assistant Professor, The Institute of Optics, University of Rochester, 1974-1978

Director, The Institute of Optics, University of Rochester, 1987-1993

Director, New York State Center for Advanced Optical Technology, University of Rochester, 1987-1994

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Curriculum Vitae

Editor, Applied Optics, Optical Technology Division; published monthly by the Optical Society of America, 1990-1992

Visiting Scientist, Nippon Schlumberger K. K., Tokyo, Japan, 1983. Responsible for establishing Optics Department specializing in optical sensors for oil well logging and in optical data storage.

President and Founder, Gradient Lens Corporation, Rochester, NY, 1980-1997. Performing consulting and design services in gradient-index lenses, conventional lens design, and optical systems analysis.

Research Staff, Western Electric Engineering Research Center, Princeton, NJ, 1969-1971.  
Responsible for design and fabrication of specialized lens systems.

## Education

Ph. D., Optics, University of Rochester, Rochester, NY, 1971-1974  
Thesis: "Gradient-Index Optics: Aspects of Design, Testing and Tolerancing"  
Advisor: Dr. Philip W. Baumeister

M. S., Optics, University of Rochester, Rochester, NY, 1969-1970  
Thesis: "Aberration Correction using Index Gradients"  
Advisor: Dr. Peter J. Sands

B. A., Physics, University of Maine, Orono, ME, 1965-1969

## Honors

- 1992 Science and Technology Award, Greater Rochester Metro Chamber of Commerce, 27th Annual Civic Awards Ceremony
- 1993 21st Annual Distinguished Inventor of the Year Award, Rochester Intellectual Property Law Association
- 1993 Japanese Applied Physics Society MOC/GRIN '93 Gradient-Index Award
- 1995 Honorary Doctor of Science, University of Maine
- 1996 Honorary Membership, Golden Key National Honor Society
- 1998 Election to the National Academy of Engineering
- 1999 Engineer of the Year, Rochester Engineering Society
- 1999 National Engineering Award, American Association of Engineering Societies
- 2001 Optical Society of America Leadership Award (to strengthen the link between the optics community and the public)
- 2002 Edward Orton, Jr. Memorial Lecturer, The American Ceramic Society
- 2002 ASM/TMS Distinguished Lecturer, ASM International
- 2003 50 Over Fifty Honoree, Rochester Business Journal
- 2005 Honorary Member, Optical Society of America, Rochester Chapter

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- 2006 Gold Medal, The International Society for Optical Engineering (SPIE)
- 2009 Edwin H. Land Medal, The Society for Imaging Science and Technology and the Optical Society of America (OSA)
- 2012 University of Rochester – Hajim School’s 2012 Lifetime Achievement Award
- 2015 Rochester Regional Photonics Cluster – Leadership Award
- 2016 Rochester Museum & Science Center – Catalyst Award – Recognized for developing and encouraging an environment that promotes innovation in science and technology to form a lasting impact on the Greater Rochester Region
- 2016 Doctoral Commencement William Riker Award for Lifetime Achievement in Graduate Education at the University of Rochester
- 2017 Albert Nelson Marquis Lifetime Achievement Award
- 2017 Edward T. Bryand Distinguished Engineer Award, The University of Maine
- 2018 IEEE-USA Entrepreneur Achievement Award for Leadership in Entrepreneurial Spirit

American Men and Women of Science  
Who’s Who in Technology  
Who’s Who in American  
Who’s Who in the World  
Who’s Who in the 21<sup>st</sup> Century  
Who’s Who in Business Education

Marquis Who’s Who  
Who’s Who in the East  
Who’s Who in American Education  
Who’s Who in Science & Technology  
Who’s Who in Medicine & Healthcare

### **Professional Society Fellows**

Society of Photo-Optical Instrumentation Engineers

Fellow, 1981

Optical Society of America

Fellow, 1983

National Academy of Engineering, 1998

American Association for the Advancement of Science

Fellow, 2005

IEEE

Fellow, 2008

American Institute for Medical and Biological Engineering

Fellow, 2011

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