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Personal:

Born 1958 in Guadalajara, Mexico. Mexican citizen.

Education:

Ph.D. 1987, University of Texas at Austin.

Awards and Fellowships:

1992 and 1994 Outstanding Teacher, Dept. of Physics and Astronomy SUNYSB.

1994-1998 Precision Measurement Grant, NIST.

1998-1999 Guggenheim Fellowship.

1999 Fellow American Physical Society (APS)

2002 Arfken Scholar in Residence, Miami University.

2002-2018 Distinguished Traveling Lecturer, Division of Laser Science, APS.

2003 Welcome Fellowship UMD.

2004 Fellow of the Optical Society of America.

2005 Fellow of the Institute of Physics (UK).

2005 Corresponding member, Academia Mexicana de Ciencias.

2010-2011 Philip Merrill Faculty Mentor, UMD.

2015 Dean's Outstanding Faculty Award, College of Mathematical and Physical Sciences, UMD.

2016 Doctorate Honoris Causa, INAOE, Puebla, Mexico.

Other Activities:

Editorial Board Journal of Optics B (2001-2005)

Editorial Board Physical Review A (2002-2007)

General Chair (2005), Quantum Electronics and Laser Science Conference, OSA.

Joint Council of Quantum Electronics (OSA APS IEEE-LEOS) and International Council of Quantum Electronics (2006-2008)

Chair of Committee of Visitors of the Physics Division, NSF (2006)

Advisory Board Quantum Optical Information Technology, ICFO, Barcelona (2006-2011)

Advisory Committee, Mathematical and Physical Sciences Directorate, NSF (2009-2012)

Advisory Committee, Center for Optics and Photonics, Concepcion, Chile, (2011-2018)

Member of the selection committee of the Waterman Award at NSF (2015-2018),

Publications:

More than 100 refereed papers. [Selected publications](#)

Research Interests:

Open Quantum Systems; Fundamental Symmetries; Precision Spectroscopy of Francium.

Examples of recent talks are available at: [Recent results](#)

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