

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
Toxicologist/Pharmacologist/Neurotoxicologist/Ocular Toxicologist**

**PROFESSIONAL EXPERIENCE**

- 2020 to Present **Exigent Group Limited**  
*Toxicology and Pharmacology Expert*  
National expert providing scientific and technical investigations, analyses, reports, and testimony toward the resolution of civil, criminal or family court litigation involving exposures to alcohol, amphetamines, benzodiazepines, cannabinoids (marijuana and synthetics), carbon monoxide, cocaine, metals (lead, mercury, etc.), nutraceuticals, opioids, pesticides, prescription drugs, other drugs of abuse, other recreational drugs, chemicals, toxicants, and environmental and occupational agents as well as their adverse effects on human health, behavior and performance including the eye and visual system.
- 2016 to 2020 **Robson Forensic, Inc.**  
*Associate, Toxicology and Pharmacology Expert, Toxicology Practice Group Leader*
- 2017 to 2019 **Invited Visiting Scientist at the National Institute of Health/National Eye Institute (NIH/NEI)**  
*Visiting Scientist*
- 2013 to 2016 **The Fourth Military Medical University, X'ian, China**  
*Visiting Professor*
- 2010 to 2016 **University of Houston**, Department of Health and Human Performance, Houston, TX  
*Professor*
- 2006 to 2016 **The Gulf Coast Consortia**, Keck Center for Bioscience Training, Houston, TX  
*Keck Faculty: Affiliate*
- 2001 to 2016 **University of Houston**, Department of Pharmacological and Pharmaceutical Sciences, Houston, TX  
*Professor*
- 1998 to 2016 **University of Houston**, Department of Biology and Biochemistry, Houston, TX  
*Professor*
- 1993 to 2016 **University of Houston**, College of Optometry, Houston, TX  
*Professor*
- 1993 to 1998 **University of Houston**, Department of Biochemical and Biophysical Sciences, Houston, TX  
*Professor*
- 1990 to 1993 **University of Houston**, Department of Biochemical and Biophysical Sciences, Houston, TX  
*Associate Professor*

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
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- 1986 **Northwestern University**, Department of Biomedical Engineering, Laboratory of Dr. Christina Enroth-Cugell, Evanston, IL  
*Visiting Scholar* (May-November)
- 1985 to **University of Houston**, College of Optometry, Houston, TX  
1993 *Associate Professor*
- 1982 to **University of Houston**, College of Optometry, Houston, TX  
1985 *Assistant Professor*
- 1979 to **The University of Texas Medical School at Houston**, Department of  
1982 Pharmacology, Division of Toxicology, Houston, TX  
*Assistant Professor of Toxicology and Pharmacology, and Public Health*
- 1977 to **University of California**, Departments of Animal Physiology and Environmental  
1979 Toxicology, Davis, CA  
*Postdoctoral Fellow*
- 1976 to **U.S. Environmental Protection Agency**, Health Effects Research Laboratory,  
1977 Toxicology Division, Cincinnati, OH  
*Research Pharmacologist*

## EDUCATION

Postdoctoral, NIEHS Individual Postdoctoral Fellowship: Neurotoxicology and Neurophysiology.  
University of California: Davis, CA, 1977-1979  
Ph.D., NIEHS Predoctoral Fellowship, Environmental Health, Toxicology and Neurobiology.  
University of Cincinnati Medical Center, Department of Environmental Health, Kettering Laboratory, Cincinnati, OH, 1977  
B.S., Chemistry, Miami University, Oxford, OH, 1970

## HONORS AND AWARDS

Inaugural Fellow Spotlight from the Academy of Toxicological Sciences (ATS), February, 2018  
Inaugural Lifetime Career Achievement Award from the Society of Toxicology Ocular Toxicology Specialty Section, March 2012  
Fellow of Association for Research in Vision and Ophthalmology (FARVO), Inaugural Class of 2009; 2009 – Present  
Fellow of Academy of Toxicological Science (ATS), 2006-2011; 2011 – Present

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Faculty Opponent for Ph.D. Thesis Defense at the Karolinska Institute, Institute of Environmental Medicine, Stockholm, Sweden, 1996 and 2002

Biographical Profile in Marquis Who's Who In Medicine and Healthcare, First Edition: 1997 and American Men and Women in Science, 1997

City of Houston Proclamation for Outstanding Service to the University, 1993

University of Houston Research Excellence Award, Associate Professor, 1991-1992

Frank R. Blood Award from Society of Toxicology, February, 1992 (Best Research Paper of 1991 published in the official SOT journals: Toxicology and Applied Pharmacology and Fundamental and Applied Toxicology)

Prominent Teaching Professor at University of Houston, 1990-1991 (UH Campus-wide Graduate Student Teaching Award)

NIEHS Postdoctoral Fellowship

NIEHS Predoctoral Fellowship

B.S., Honors in Chemistry

### **EDITORIAL POSITIONS**

Associate Editor of Environmental Health Perspectives (2008-2015)

Advisory Board to Editor-in-Chief of Environmental Health Perspectives (2008-2015)

Associate Editor of Toxicology and Applied Pharmacology (2002-2005; 2005-2018)

Associate Editor of Journal of Ocular Pharmacology and Toxicology (2004-2014)

Editorial Board of Cutaneous and Ocular Pharmacology (2005-2018)

Editorial Board of Molecular Vision (1995-Present)

Editorial Board of Toxicology and Applied Pharmacology (1991-1996; 2001-2002, 2019-present)

Editorial Board of NeuroToxicology (1980-1986; 1996-2002)

Associate Editor of NeuroToxicology (1986-1996)

Editorial Board of Toxicology and Ecotoxicology (1993-1998)

Editorial Board of Neurotoxicology and Teratology (1979-1987)

### **ELECTED NATIONAL POSITIONS**

Councilor, Ethical, Legal, Forensic, and Societal Issues (ELFSI) Specialty Section of the Society of Toxicology, 2018-2020

Board of Directors, Academy of Toxicological Sciences (ATS). 2015-2018

Councilor, Society of Toxicology, 2010-2013

Councilor, International Union of Toxicology, 2010-2013

President, International Neurotoxicology Association, 2009-2011

Past-President, International Neurotoxicology Association, 2010-2013

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President, International Neurotoxicology Association, 2007-2010  
Councilor, International Neurotoxicology Association, 2004-2008  
Association for Research in Vision and Ophthalmology (ARVO) Retinal Cell Biology Program  
Committee: Member, 1998-2002; Chair, 2000-2001  
President, Neurotoxicology Specialty Section, Society of Toxicology, 1988-1989  
Vice-President, Neurotoxicology Specialty Section, Society of Toxicology, 1987-1988  
Vice-President Elect, Neurotoxicology Specialty of Society of Toxicology, 1986-1987  
Councilor, Neurotoxicology Specialty Section of Society of Toxicology, 1982-1985; 1989-1991

**NIH ADVISORY PANELS**

National Toxicology Program (NTP) Scientific Advisory Committee on Alternative Toxicological  
Methods (SACATM) (2005-2009)  
NIH/FDA Advisory Panel on Ocular Toxicology for ICCVAM & NICETAM (2004-2005)

**NIH AND OTHER STUDY/GRANT REVIEW SECTIONS**

NIEHS NAL Study Section for Toxicology (2003-2005)  
NIEHS Special Study Section for Toxicology (2001, 2003)  
NIEHS Study Section for Minority Grants (1999; 2002)  
NIEHS Study Section for Superfund Grants (1994; 1997)  
Expert Reviewer for American Heart Association Study Section (2000; 2001)  
US. Civilian Research and Development Foundation (CRDF) Grant Review (2001)  
Expert Reviewer for Vision Sciences C Study Section: NEI (1994; 1996; 1997)

**PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS: CURRENT**

Association for Research in Vision and Ophthalmology (ARVO): 1980-Present  
Neurobehavioral Toxicology Society (NBTS): 1979 - 2015  
Society for Neuroscience (SfN): 1972-Present  
Society of Toxicology (SOT): 1979-Present

**Service on National and International Advisory Committees**

Nominated by Deputy Directors of NTP and NCTR/FDA for The Science Advisory Committee on  
Alternative Toxicological Methods (SACATM). (2005)

The National Toxicology Program (NTP) Interagency Center for the Evaluation of Alternative  
Toxicological Methods (NICEATM) and the Interagency Coordinating Committee on the  
Validation of Alternative Methods (ICCVAM). ICCVAM-NICEATM Ocular Toxicology Working  
Group. 2004-2005

National Alliance for Eye and Vision Research Advocacy Committee: 2000-2002

Association for Research in Vision and Ophthalmology (ARVO) EdNet Committee: 1999-2000

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Scientific Organizing Committee and Continuing Education Committee for 8th International Congress of Toxicology held in Paris, France in July, 1998: Committees from 1996-1998

National Academy of Sciences, National Research Council, Committee on Vision, Neurotoxicology of Vision Committee, 1989-1990

FDA Committee on Optical Radiation and Visual Health, Section on Drug Phototoxicity and Visual Health, 1986

National Academy of Sciences, National Research Council, Safe Drinking Water Committee, Neurotoxicology Sub-committee, 1984-1985

National Academy of Sciences, National Research Council, Committee on Vision, Visual Display, Work and Vision Committee, 1982-1983

National Academy of Sciences, National Research Council, Committee on Vision, 1982-1985

National Committee on Air Quality Control, Washington, D.C., 1979-1980

United States Environmental Protection Agency, Committee on Behavioral Test Methods for Neurotoxic Substances, 1978-1979

Technical Committee, Society of Toxicology, 1991-1993: Chair, 1992-1993

Continuing Education Committee, Society of Toxicology, 1987-1991

Scientific Program Committee, Society of Toxicology, 1984-1987

Task Force on Communication, Society of Toxicology, 1983-1984

**Strategic Planning Committees**

Society of Toxicology: Board of Directors

Academy of Toxicological Sciences: Board of Directors

**External Advisory Board Member**

Rutgers Environmental and Occupational Health Sciences Institute, External Committee, April, 2004 – 2007

**External Program Review Committees**

Texas A & M University, External Toxicology Site Review Committee, November, 1998

**University of Texas Medical School at Houston: Committees**

Member, Committee on Minority Issues, 1979-1982

Member, Drug and Substance Abuse Committee, 1979-1982

Member, Laboratory Safety and Health Committee, 1979-1982

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**University of Houston Committees**

**University Level**

Member, Intellectual Property Committee, 1989-1998; 2001-2004; 2007-2013  
Member, Transportation Advisory Committee, 2010-2012  
Chair, Athletic Advisory Committee, 2006-2010  
Member, Athletic Advisory NCAA Recertification Committee, 2004-2006  
Member, Athletic Advisory Committee, 2003-2006  
Chair of Subcommittee on Minority Equity Issues: 2003-2005  
Faculty Member on Cougar Pride: 2005-2010  
Member of NCAA Recertification Committee  
Chair, Intellectual Property Committee, 2004-2007  
Member, Substance Abuse Committee, 1999-2001  
Member, Biohazards Committee, 1997-2016  
Member, Research Excellence Committee, 1996-1997  
Member, Chemical Safety Committee, 1992-1995; 1996-2006  
Member, Graduate and Professional Council, 1984-1992  
Member, Task Force on Technology Transfer, 1988-1989  
Member, Search Committee for Head of Task Force on Technology Transfer, 1989-1990  
Member, Promotion and Tenure Committee, 1989-1990  
Member, Search Committee for Chairman of Biology Department, 1989-1990  
Member, Search Committee for Biology Department, 1991-1992; 1994-1996  
Chair, Graduate Admissions Committee, Graduate and Professional Council, 1988-1989  
Chair, Graduate Policy Committee, Graduate and Professional Council, 1985-1986  
Co-Chair, Course Review Committee, Graduate and Professional Council, 1987-1988  
Member, Ad Hoc Awards Committee for RIG, REG, NROP, BRSG, 1983-2016  
Member, Carcinogen Committee, 1984-1990

**Optometry College Level**

Coordinator, Confocal Microscopy Laboratory, 2006-2016  
Member, Research Planning Committee and Subcommittees, 1998-2016  
Chair, Faculty Recruitment Committee, 1996-1997  
Member, Faculty Nomination Committee, 1997  
Chair, Faculty Review Committee, 1995-1996  
Member, Faculty Review Committee, 1994-1995  
Member, Graduate Curriculum Committee, 1995-2016  
Member, Faculty Salary Augmentation Committee, 1995-1996  
Member, Distinguished Professor Committee, 1995-1996  
Member, College Safety and Biohazards Committee, 1994-2016  
Chair, Graduate Student Admissions Committee, 1990-1992  
Member, Graduate Student Admissions Committee, 1989-2002  
Member, Ph.D. Qualifying Committee, 1989-2015  
Member, Faculty Affairs Committee, 1992-1994  
Member, Electron Microscopy Committee, 1992-2016  
Member, Faculty Recruitment Committee, 1988-1995; 2003-2016  
Member, Faculty Seminar Committee, 1987-1989; 1991-1995  
Chair, Budget Advisory Committee, 1986-1988  
Chair, Animal Care Committee, 1985-1987  
Chair, Graduate Curriculum Committee, 1983-1984



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Coordinator, Electron Microscopy/Histology Laboratory, 1986-1988  
Member, Graduate Curriculum Committee, 1982-2016  
Chair, Graduate Curriculum Committee, 1992-1995  
Member, Human Subjects Committee, 1983-1984, 1986-1987  
Member, Graduate Recruitment Committee, 1983-1989  
Member, Animal Care Committee, 1982-2016  
Member, Professional Student Scholarship Committee, 1982-1983; 1985-1986

**Other**

Member, Faculty Search Committee, College of Pharmacy, 2012-2013  
Member, Promotion and Tenure Committee, College of Pharmacy, 1997, 2000, 2004  
Member, Faculty Search Committee, Biology and Biochemistry, 1994-1995; 2005-2007

**MEDIA**

November 2007: Interviewed by Houston TV Channel 2 (CBS) and 49 (Telemundo) about lead exposure

[http://www.criticalmention.com/vg/uofh/2007-09-05\\_cbs-hou\\_1713.wmv](http://www.criticalmention.com/vg/uofh/2007-09-05_cbs-hou_1713.wmv)  
<http://www.opt.uh.edu/about/uhco-news.cfm#>

November 2007: Interviewed by Houston Radio Station KTRH about lead exposure

August 2004: Interviewed by Houston TV Channel 2 for toxic fume exposure to industrial workers and neighborhoods (Resins, alcohols and industrial chemicals)

February 2002: Interviewed by several local Houston TV and radio stations for toxic fume exposure to industrial workers and neighborhoods (Metals, alcohols and industrial chemicals)

December, 2001: Interviewed by FOX TV local affiliate for toxic metal and chemical exposure to children resulting from chromated copper arsenate wooden playground equipment

February, 2001: NIH Mitochondrial Interest Group Video Conference. Organized by Steven J. Zullo, Laboratory of Biochemical Genetics, NIMH-NIH, Bethesda, MD.

September, 1991: Teleconference of University of Houston's Ocular Therapeutics Course. Houston, TX. Presented five lecture hours on Fundamentals of Ocular Pharmacology, Autonomic Pharmacology, and Hypnotics and Local Anesthetics.

July and August, 1991: Broadcast of my invited talk from First Annual Environmental Health Conference: Issues and Answers for the 1990's in the City of Houston. Sponsored by the Health and Human Services Department of the City of Houston. Houston, TX. Public Access Channel, Houston, TX.

September, 1985: Toxic Chemicals in the Environment. KUHF TV and Radio. Houston, TX. Round table discussion of effects and risks of environmental chemicals in the Gulf Coast Region.

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November, 1980: Pesticides in the Environment: Friend or Foe? KUHF TV. Houston, TX.  
Presented summary of mechanisms of action and side effects and then answered phone calls.

**National and International News Stories and Articles**

Unexpected Findings of Lead Exposure May Lead to Treating Blindness: many of the URLs are no longer available

<http://www.medicalnewstoday.com/releases/205721.php>

**GRANT SUPPORT**

**External**

National Institute of Environmental Health Sciences (NIEHS), RO1 ES012482, 7/2003 to 7/2010, Prenatal Low-Level Lead Exposure and Retinal Toxicity, Principal Investigator.

National Institute of Environmental Health Sciences (NIEHS), Research Supplement for Minority to RO1 ES012482-01, 7/2004 to 7/2006, Prenatal Low-Level Lead Exposure and Retinal Toxicity, Principal Investigator.

National Institute of Occupational Safety and Health (NIOSH) Environmental Research Center (ERC) Pilot Project Research Training Application, G090168, 9/2004 -8/2005, Retinal Toxicology of Lead-Exposed Children in Mexico City: Mechanistic Animal Research Studies, Principal Investigator.

National Institute of Environmental Health Sciences (NIEHS), RO1 ES03183, 4/1992 to 4/1998, Lead Neurotoxicity in the Visual System, Principal Investigator.

National Institute of Environmental Health Sciences (NIEHS), Research Supplement for Minority to RO1 ES03183, 10/1992 to 4/1996, Lead Neurotoxicity in the Visual System, Principal Investigator.

National Institute of Environmental Health Sciences (NIEHS), RO1 ES03183, 5/84 to 5/90, Lead Neurotoxicity in the Visual System, Principal Investigator.

National Institute of Environmental Health Sciences (NIEHS), RO1 ES 03183, 5/81 to 5/84, Lead Neurotoxicity in the Visual System, Principal Investigator.

**Internal**

University of Houston Grant, 2013-2014, Retinal Photoreceptors for Cell-Based Therapies: Regulation of Pyruvate Kinase 2. Principal Investigator.

University of Houston Grant, 2012-2013, Retinal Photoreceptors for Cell-Based Therapies: Regulation of Bioenergetics. Principal Investigator.

Institute for Biomedical Imaging Sciences, University of Houston-Methodist Hospital-Weill Cornell Medical School Grant, 2007-2010, Metabolic Dysfunction in the Retina and Retinocortical Pathway: Biomarker for ALS, Principal Investigator.



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Vision Research Support Grant, 2002-2003, Cytokine Signaling and Retinal Apoptosis. Principal Investigator.

University of Houston PEER Grant, 1998-1999, Using Transgenic Mice to Examine the Role of Mitochondria and Bcl-xL in Lead-Induced Retinal Apoptosis. Principal Investigator.

Vision Research Support Grant, 1996-1997, Confocal Scanning Laser Microscopy Studies of Calcium Overload and Mitochondrial Dysfunction in Retina. Principal Investigator.

University of Houston PEER Grant, 1996-1997, Molecular Mechanisms Underlying the Dopamine-induced Inhibition of Retinal Na<sup>+</sup>,K<sup>+</sup>-ATPase. Principal Investigator.

Biomedical Research Support Grant, 1989-1990, Retinal cyclic GMP metabolism in lead-exposed rats: Cellular and molecular studies, Principal Investigator.

Biomedical Research Support Grant, 1988-1989, Cellular studies of the lead-induced selective rod degeneration in isolated rod photoreceptor cells, Principal Investigator.

Biomedical Research Support Grant, 1987-1988, Fetal Alcohol and the Visual System , Principal Investigator.

Biomedical Research Support Grant, 1983-1984, Quantitative Morphometrics in the Visual System, Principal Investigator.

New Research Opportunities Program, 1982-1983, Pharmacological Investigations of Visual Cortex, Principal Investigator.

Biomedical Research Support Grant, 1981-1982, Scotopic and Photopic Analyses of Retina, Principal Investigator.

University of Texas Education Grant, 1980-1981, Proposal for Improving Instruction in Visual System and Organ Toxicology, Principal Investigator.

**INVITED CONTINUING LEGAL EDUCATION LECTURES**

August 16, 2019: Association of Justice, Brainerd, MN, "Cannabis: Chemistry, Combustion, Consumption and Consumer Concerns", Sponsored by Robson Forensic

June 7, 2019: West Virginia Association for Justice Meeting. Charleston, WV. "Forensic Toxicology and Pharmacology: Alcohol, Cannabis and Opioids" Sponsored by Robson Forensic.

October 11, 2019: Philadelphia Bar Association, Atlantic City, NJ. "Dram Shop", Sponsored by Robson Forensic.

August 10, 2017: Lancaster Bar Association, Lancaster, PA. "Fox's Five F's for Forensic Toxicology and Pharmacology," Sponsored by Robson Forensic,

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**INVITED TOXICOLOGY EXPERT TALKS AND SEMINARS**

May 15, 2019: DRI Cannabis Law Symposium, Washington DC. Cannabinoids: Public Policy, Pleasure, Pain and Potential. Sponsored by Robson Forensic.

**ORGANIZED AND / OR CHAIRED NATIONAL AND INTERNATIONAL SYMPOSIA**

March, 2018: Society of Toxicology, San Antonio, TX. Co-organized and Co-chaired Symposium entitled "Advanced Imaging and Microscopy for Retinal Disease".

March, 2016: Society of Toxicology, New Orleans, LA. Co-organized and Co-chaired Workshop entitled "Nanotoxicology and Ocular Drug Delivery: One Size Does Not Fit All".

March, 2015: Society of Toxicology, San Diego, CA. Co-organized and Co-chaired Workshop entitled "Deciphering Clinical and Experimental Retinal Toxicology: An Eye on the Present and Future".

June, 2013: Fourteenth International Neurotoxicology Association (INA) Meeting. Amsterdam, The Netherlands. Chair of Scientific Program Committee. Organized and Chaired Symposium on "Synaptic Development and Degeneration Following Early Neurotoxicant or Stress Exposure".

July, 2011: Thirteenth International Neurotoxicology Association (INA) Meeting. Xi'an, China. Chair of Scientific Program Committee. Organized and Chaired Symposium on "Developmental Origins of Adult Diseases and Neurotoxicity: Epidemiological and Experimental Studies".

July, 2010: International Union of Toxicology (IUTOX). 12th International Congress of Toxicology. Barcelona, Spain. Organized and co-chaired Symposium on "Developmental Neurotoxicity Testing in the 21st Century: High-Throughput Screening Methods".

May, 2010: Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL. Organized Sunday Plenary Symposium entitled "Genetic and Epigenetic Regulation of Eye Development: The Future of Vision Research".

July, 2009: Twelve International Neurotoxicology Association (INA) Meeting. Jerusalem, Israel. Chair of Scientific Program Committee. Organized and Chaired Symposium on "Gene-Chemical Interactions in the Developing Mammalian Nervous System: Effects on Proliferation, Neurogenesis and Differentiation".

May, 2008: International Neurotoxicology Association (INA), Chair of Scientific Program Committee for INA-12 in Jerusalem, Israel 2009. Organized meeting; Chaired and presented talk at Symposium on "Neurotoxicity and Alterations in Cellular Development".

March, 2008: Society of Toxicology, Nashville, TN. Organized and Co-chaired Symposium entitled "Neurotoxicant Exposure Produces Persistent Alterations in Developmental and Adult Neurogenesis: Structure-Function Studies and Clinical Relevance".

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June, 2007: Eleventh International Neurotoxicology Association Meeting, Co-chair of Program Committee for entire Meeting, Asilomar, CA.

October-November, 2006: Co-organized all 18 retinal sessions for International Congress of Eye Research XI, Buenos Aires, Argentina.

July, 2005: Ninth International Neurotoxicology Association Meeting, Co-chair of Symposium entitled "Sensory Neurotoxicology". Helsinki, Finland.

May, 2004: Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL. (Organized and Chaired Special Interest Symposium entitled "Calcium Compartmentation in Photoreceptors").

February, 2003: Association for Ocular Pharmacology and Therapeutics, Kona, Hawaii. Co-chaired symposium on "Toxicology".

May, 2002: Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL. (Co-organized and co-chaired Mini-symposium entitled "Retinal Glia in Development, Injury and Regeneration")

March, 2002: Society of Toxicology, Nashville, TN. Co-organized and Co-chaired Symposium entitled "Imaging the Mitochondrial Permeability Transition Pore in Toxic Injury".

July, 2001: Eighth International Neurotoxicology Association Meeting, Co-chaired Symposium entitled "Developmental Neurotoxicology". Lisbon, Portugal.

May, 2001: Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL. (Organized and Chaired Sunday Plenary Symposium entitled "Recent Advances in the Molecular Mechanisms of Apoptotic Cell Death and Cytoprotection in the Eye: A Symposium Dedicated to Dr. Richard N. Lolley").

March, 2001: Society of Toxicology, San Francisco, CA. Organized and Co-chaired Symposium entitled "Ocular Toxicology and Apoptosis".

October, 2000: International Congress of Eye Research, Santa Fe, NM. Organized and Chaired Symposium entitled: "Cellular and Molecular Mechanisms of Retinal Apoptosis.

October, 2000: International Congress of Eye Research, Santa Fe, NM. Organized and Co-chaired Symposium entitled: "Mechanisms of Regulating Na<sup>+</sup>,K<sup>+</sup>-ATPase Activity in Ocular Tissues).

May, 1999: Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL. (Organized and Chaired Special Interest Symposium entitled "Retinal Apoptosis").

July, 1998: International Congress of Toxicology VIII, Paris, France. (Organized and Chaired Symposium entitled "Functional Consequences of Altered Gene Expression in Toxicology").

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July, 1995: International Congress of Toxicology VII, Seattle, WA. (Organized and Chaired Continuing Education Course entitled “Cellular and Molecular Mechanisms of Apoptosis”).

November, 1994: Gulf Coast Society of Toxicology, Houston, TX. (Organized Symposium entitled Endocrine Disrupters in the Environment).

September, 1992: 10th International Neurotoxicology Conference, Mechanisms of Developmental Neurotoxicology, Little Rock, AR. (Co-Organizer of Meeting and Chaired Session).

October, 1991: 9th International Neurotoxicology Conference, New Dimensions of Lead Toxicity: Redefining Mechanisms and Effects, Little Rock, AR. (Chaired Tuesday AM session).

October, 1990: 8th International Neurotoxicology Conference, Role of Toxicants in Neurological Disorders, Little Rock, AR. (Chaired afternoon session).

March, 1989: Society of Toxicology, 28th Annual Meeting, Neurotoxicant-Induced Alterations in Cell-Cell Communication Symposium, Atlanta, GA. (Organized and Chaired).

February, 1987: Society of Toxicology, 26th Annual Meeting, Neurotoxicology of Heavy Metals Symposium, Washington, D.C. (Co-organized).

November, 1986: Society for Neuroscience, 16th Annual Meeting, Neurobiological Mechanisms of Toxicant-Induced Axonopathies Symposium, Washington, D.C. (Co-organized and Chaired).

March, 1985: Society of Toxicology, 23rd Annual Meeting, Sensory System Toxicology: An Interdisciplinary Approach, San Diego, CA. (Organized and Chaired).

September, 1983: Food and Drug Administration, International Symposium entitled “Ocular Phototoxicity and Light Exposure”, Bethesda, MD (Organized and Chaired a Session).

**INVITED SPEAKER**

**National and/or International Symposia**

March, 2020: Society of Toxicology Meeting, Anaheim, CA. Workshop entitled “Cannabidiol Science, Safety and Societal Impacts: Where Do We Stand? (Cancelled due to Covid-19).

March, 2018: Society of Toxicology Meeting, San Antonio, TX. Symposium entitled “Advanced Imaging and Microscopy for Retinal Disease”.

June, 2016: Society of Toxicology Contemporary Concepts in Toxicology Meeting, San Francisco, CA. Meeting entitled “Ocular Toxicology, Pharmacology and Drug Delivery: An Eye on the Future”.

March, 2015: Society of Toxicology, San Diego, CA. Workshop entitled “Deciphering Clinical and Experimental Retinal Toxicology: An Eye on the Present and Future”.

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March, 2014: American College of Medical Toxicology Meeting, Natural Toxins Academy: Clinical Applications of Cutting-Edge Research, Phoenix, AZ.

May, 2013: National Institutes of Health, National Eye Institute, Neurodegeneration Retinal Laboratories (NIH/NEI/NRL), Bethesda, MD.

April, 2013: SUNY: University of Buffalo, Department of Ophthalmology and Veterans Administration, Buffalo, NY.

June, 2012: ARVO Eye Research Conference June 15-16, 2012. Drug and Gene Delivery to the Back of the Eye: From Bench to Bedside, Denver, CO.

March, 2011: 51st Annual Society of Toxicology, San Francisco, CA. Symposium entitled "Pathways to Cell Death in Environmental Insult and Disease." San Francisco, CA.

July, 2011: Thirteenth International Neurotoxicology Association (INA) Meeting. Local Action and Global Effects. X'ian China.

March, 2010: 50th Annual Society of Toxicology, Washington, DC. Symposium entitled "Developmental Origins of Adult Disease: Neurotoxicology." Washington, DC.

May, 2010: Association for Research in Vision and Ophthalmology (ARVO). Sunday Plenary Symposium entitled "Genetic and Epigenetic Regulation of Eye Development: The Future of Vision Research". Ft. Lauderdale, FL.

July, 2009: Twelve International Neurotoxicology Association (INA) Meeting. Gene-environment interactions in neurotoxicology. Jerusalem, Israel.

November, 2007: Twenty-Fourth International Neurotoxicology Conference, Environmental Etiologies of Neurological Disorders, San Antonio, TX.

October, 2007: 17th Lake Shirakaba Conference, Aurora in Regeneration, Tokai University European Center, Vedbaek, Denmark.

June, 2007: United Mitochondrial Disease Foundation: Mitochondrial Medicine 2007 Meeting, Symposium entitled "Mitochondrial Mechanisms and Disease". San Diego, CA.

October-November, 2006: International Congress of Eye Research XI, Symposium entitled "Mitochondria in Retinal Degeneration". Buenos Aires, Argentina.

October, 2006: Neuroprotective Strategies in Degenerative Eye Disease Symposium, Vanderbilt Eye Institute, Session "Degenerative Processes in the Outer Retina: Mechanisms and Interventions", Nashville, TN.

July, 2005: Tenth International Neurotoxicology Association Meeting, Symposium entitled "Sensory System Neurotoxicology". Helsinki (Haikoo), Finland.

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June, 2005: Visual Function: Insights from Revolution in Biology at the Molecular Level Meeting, Symposium entitled "Light Processing: A Life and Death Story". Tel Aviv, Israel.

March, 2004: Society of Toxicology, Baltimore, MD. Symposium entitled "Use of Molecular Approaches to Examine Mechanisms of Neurotoxicity".

February, 2004: Twenty-First International Neurotoxicology Conference, Infant and Child Neurotoxicity Studies: Subtle and Long-Term Effects, Honolulu, Hawaii.

July, 2003: Ninth International Neurotoxicology Association Meeting, Symposium entitled "Visual System Neurotoxicology: Human and Animal Correlates". Dresden, Germany.

February, 2003: Association for Ocular Pharmacology and Therapeutics, Kona, Hawaii. Symposium entitled "Toxicology".

April, 2002: Keystone Symposia, Copper Mountain Resort, CO. Symposium entitled "Mitochondria and Pathogenesis".

March, 2002: Society of Toxicology, Nashville, TN. Symposium entitled "Imaging the Mitochondrial Permeability Transition Pore in Toxic Injury".

February, 2002: Workshop on Neuroprotection in Ophthalmology: From Basic Research to New Therapeutic Strategies for Eye Disease. University of Rome Tor Vergata Medical School, Rome, Italy.

July, 2001: Eighth International Neurotoxicology Association Meeting, Symposium entitled "Developmental Neurotoxicology". Lisbon, Portugal.

May, 2001: Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL. Sunday Plenary Symposium entitled "Recent Advances in the Molecular Mechanisms of Apoptotic Cell Death and Cytoprotection in the Eye: A Symposium Dedicated to Dr. Richard N. Lolley".

March, 2001: Society of Toxicology, San Francisco, CA. Symposium entitled "Ocular Toxicology and Apoptosis".

October, 2000: International Congress of Eye Research, Santa Fe, NM. Symposium entitled "Cellular and Molecular Mechanisms of Retinal Apoptosis".

April, 2000: EuroConference on New Cellular Targets of Cytotoxic Mechanisms, San Feliu de Guixols, Spain. Symposium entitled "Molecular Mechanisms of Neuronal Apoptosis". (Declined)

July, 1999: Seventh International Neurotoxicology Association Meeting, Symposium entitled "Sensory System Toxicology". Leicester, United Kingdom.

May, 1999: Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL. Special Interest Symposium on Retinal Apoptosis.



**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
Toxicologist/Pharmacologist/Neurotoxicologist/Ocular Toxicologist**

November, 1998: Fourth International Congress on Neuroprotective Agents, Annapolis, MD. Symposium entitled "Apoptosis in the Nervous System". (Declined).

July, 1998: Eighth International Congress of Toxicology, Paris, France. Symposium entitled "Functional Consequences of Altered Gene Expression in Toxicology".

October, 1997: International Conference on Volatile Organic Compounds: Neurotoxicology and Risk Assessment, University of Pavia, Italy (Declined).

September, 1997: Fifth National Board for Laboratory Animals (CFN) Meeting, Stockholm, Sweden. Symposium entitled "Effects of Toxicants on Gene Expression and Intracellular Signalling".

October, 1996: Fifth International Society of Ocular Toxicology, Asheville, North Carolina.

September, 1995: Fifth International Symposium on Environmental Neurotoxicology: From Molecular Biology to Behavior. Dusseldorf, Germany.

July, 1995: FASEB Summer Research Conference on Biology and Chemistry of Vision, Copper Mountain, CO.

July, 1995: Seventh International Congress of Toxicology, Cellular and Molecular Mechanisms of Neurotoxicology Symposium, Seattle, WA.

May, 1995: 66th Annual Association for Research in Vision and Ophthalmology (ARVO) Meeting, Symposium on Mechanisms of Apoptosis, Ft. Lauderdale, FL.

April/May, 1995: International Conference on Drugs of Abuse, Funchal - Madeira, Portugal.

November, 1994: VI International Symposium on Retinal Degeneration. Jerusalem, Israel.

May, 1994: 65th Annual Association for Research in Vision and Ophthalmology (ARVO) Meeting, Symposium on Mechanisms of Cell Death: Suicide or Assassination, Sarasota, FL.

July, 1993: Eleventh International Biophysics Congress, Satellite Symposium on Heavy Metal Induced Alterations in Excitable Membranes, Tihany, Hungary.

June, 1993: Third International Neurotoxicology Association Meeting, Cellular Signaling and Second Messengers in Neurotoxicology, Copenhagen, Denmark.

October, 1991: Ninth International Neurotoxicology Conference, New Dimensions of Lead Toxicity: Redefining Mechanisms and Effects, Little Rock, AR.

June, 1991: First Annual Environmental Health Conference: Issues and Answers for the 1990's in the City of Houston. Sponsored by the Health and Human Services Department of the City of Houston. Houston, TX.

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
Toxicologist/Pharmacologist/Neurotoxicologist/Ocular Toxicologist**

October, 1990: Eighth International Neurotoxicology Conference, Role of Toxicants in Neurological Disorders, Little Rock, AR.

October, 1990: International Symposium on Toxicology, Beijing, China. (declined)

May, 1989: Second International Neurotoxicology Association Meeting, Sensory Systems as Targets for Neurotoxic Agents Symposium, Sitges, Spain.

March, 1989: Society of Toxicology, 28th Annual Meeting, Neurotoxicant-Induced Alterations in Cell-Cell Communication Symposium, Atlanta, GA.

September, 1988: Eighth International Congress of Eye Research, Retinal Degeneration Symposium, San Francisco, CA.

February, 1987: Society of Toxicology, 26th Annual Meeting, Neurotoxicology of Heavy Metals Symposium, Washington, D.C.

November, 1986: Society for Neuroscience, 16th Annual Meeting, Neurobiological Mechanisms of Toxicant-Induced Axonopathies Symposium, Washington, D.C.

December, 1985: International Meeting for Assessing Neurobehavioral Methods in Safety Assessment of Chemicals and Drugs, Dusseldorf, Germany.

October, 1985: University of Cincinnati Medical Center, Department of Environmental Health, Kettering Laboratory, Honorary Symposium for Dr. Raymond Suskind, Cincinnati, OH.

March, 1985: Society of Toxicology, 23rd Annual Meeting, Sensory System Toxicology: An Interdisciplinary Approach, San Diego, CA.

March, 1984: Society of Toxicology, 22nd Annual Meeting, Experimental Models of Toxicant-Induced Axonopathies, Atlanta, GA.

September, 1983: Food and Drug Administration, International Symposium on Ocular Phototoxicity and Light Exposure, Bethesda, MD

August, 1983: International Congress on Toxicology III, Cellular and Molecular Neurotoxicity Symposium, San Diego, CA.

March, 1982: International Brain Research Organization, Satellite Symposium on Neurotoxicology of Environmental Pollutants, Dusseldorf, Germany.

June, 1982: Teratology Society, Behavioral Teratology Subsection, Symposium on Heavy Metal Neurotoxicity, Atlantic City, NJ.

April, 1979: U. S. Environmental Protection Agency, International Symposium on Behavioral Test Methods for Neurotoxic Substances, San Antonio, TX.

**Seminars** (Selected from 1990-Present)

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
Toxicologist/Pharmacologist/Neurotoxicologist/Ocular Toxicologist**

September, 2016: National Institutes of Health, National Eye Institute, Neurodegeneration Retinal Laboratories (NIH/NEI/NRL), Bethesda, MD.

May, 2014: University of Connecticut, School of Pharmacy, Department of Pharmaceutical Sciences, Toxicology Scholars Colloquium Seminar, Storrs, CT.

July, 2013: The Fourth Military Medical University, X'ian, China. In honor of my lifetime appointment as Visiting Professor.

May, 2013: National Institutes of Health, National Eye Institute, Neurodegeneration Retinal Laboratories (NIH/NEI/NRL), Bethesda, MD.

April, 2013: SUNY: University of Buffalo, Department of Ophthalmology and Veterans Administration, Buffalo, NY.

November, 2012: University of California: San Francisco, Department of Occupational Neurology, San Francisco, CA.

December, 2011: Oklahoma State University, Sitlington Invited Lecture, Department of Physiological Sciences, Center for Veterinary Health Sciences, Stillwater, OK.

July, 2011: University of Science and Technology of China, School of Life Science, Hefei, Anhui, China.

July, 2011: Chinese National Academy of Sciences, Department of Zoology, Beijing, China.

December, 2010: Dusseldorf University, Institut für umweltmedizinische Forschung, Division of Toxicology, Dusseldorf, Germany.

December, 2010: Vanderbilt University Medical Center, Department of Pediatrics and Department of Pharmacology. Nashville, TN.

April, 2010: Center for Nuclear Receptors and Cell Signaling, University of Houston. Houston, TX.

March, 2010: Moran Eye Institute, University of Utah Medical Center. Salt Lake City, UT.

February, 2010: University of Texas Vision Science Seminar, Department of Ophthalmology, University of Texas Health Science Center. Houston, TX.

January, 2009: University of Tennessee, Hamilton Eye Institute, Memphis, TN.

November, 2008: Rutgers University College of Medicine and Dentistry, Environmental & Occupational Health Sciences Institute, Toxicology Seminar Series, Piscataway, NJ.

February, 2008: University of Florida, Center for Vision Research Seminar Series, Gainesville, FL.

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
Toxicologist/Pharmacologist/Neurotoxicologist/Ocular Toxicologist**

September, 2007: University of Pennsylvania, Neuroscience Seminar Series, Philadelphia, PA.

June, 2007: National Institute of Environmental Health (NIEHS), Research Triangle Park, NC  
RTP, NC.

March 2006: University of California: San Diego, Department of Structural Biology, San Diego,  
CA.

June, 2005: Shaare Zedek Medical Center, Department of Ophthalmology and Department of  
Neurology, Jerusalem, Israel.

April, 2005: St. Louis University School of Medicine, Department of Pharmacology and  
Physiological Science, St. Louis, MO.

October, 2003: Leicester, England, Medical Research Council on Toxicology, University of  
Leicester,, England.

October, 2003: Baylor College of Medicine, Huffington Center on Aging Seminar Series,  
Houston, TX.

April, 2003: University of Houston, Department of Pharmacology, Houston, TX.

May, 2002: University of Texas Medical School: Houston, Department of Molecular Pathology  
Seminar Series.

April, 2002: Karolinska Institute, Institute of Environmental Medicine, Department of Toxicology.  
Stockholm, Sweden.

February, 2002: University of Padua, Departments of Biochemistry and Environmental  
Medicine, Padua, Italy.

February, 2001: NIH Mitochondrial Interest Group Video Conference. Organized by Steven J.  
Zullo, Laboratory of Biochemical Genetics, NIMH-NIH, Bethesda, MD.

November, 1999: Texas A & M University System Health Science Center, Department of  
Medical Pharmacology and Toxicology, College of Medicine, Toxicology Seminar Series,  
College Station, TX.

May, 1999: Baylor College of Medicine, Cardiovascular Science Seminar Series, Houston, TX.

April, 1999: Department of Pharmacology and Pharmaceutical Sciences, University of Houston:  
Pharmacology Seminar Series. Houston, TX.

January, 1999: University of Gothenburg, Gothenburg, Sweden.

April, 1998: University of Texas Medical Center, School of Public Health. Houston, TX.

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
Toxicologist/Pharmacologist/Neurotoxicologist/Ocular Toxicologist**

September, 1997: University of Manchester, School of Biological Sciences, Department of Pharmacology and Toxicology, Manchester, England.

April, 1997: Department of Pharmacology and Pharmaceutical Sciences, University of Houston: Pharmacology Seminar Series. Houston, TX.

November, 1996: Karolinska Institute, Institute of Environmental Medicine, Department of Toxicology. Stockholm, Sweden.

May, 1996: University of Cincinnati Medical Center, Department of Environmental Health, Cincinnati, OH.

May, 1996: Wayne State University, Institute of Chemical Toxicology and NIEHS Center in Molecular and Cellular Toxicology, Detroit, MI.

September, 1995: The University of Goteberg, Zoology Institute, Goteberg, Sweden.

August, 1995: Alcon Laboratories, Fort Worth, TX.

March, 1995: The University of Pennsylvania, Institute for Environmental Studies, Philadelphia, PA.

October, 1993: The University of Connecticut, Center for Biochemical Toxicology. Storrs, CT.

July, 1993: University of Vienna, Institute of Tumor Biology. Vienna, Austria.

June, 1993: Karolinska Institute, Institute of Environmental Medicine, Department of Toxicology. Stockholm, Sweden.

June, 1993: National Institute of Occupational Safety and Health. Oslo, Norway.

December, 1992: The University of Texas Medical School at Houston Toxicology Seminar Series. Houston, TX.

November, 1992: The University of Texas Medical School at Galveston Toxicology Seminar Series. Galveston, TX.

July, 1991: University of Pavia Medical School, Department of Internal Medicine, Division of Pharmacology and Toxicology. Pavia, Italy.

July, 1991: University of Padua Medical School, Department of Environmental Medicine. Padua, Italy.

November, 1990: Department of Pharmacology, University of Houston: Pharmacology Seminar Series. Houston, TX.

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
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October, 1990: Texas A & M University, Department of Veterinary Physiology and Pharmacology: Environmental Toxicology and Pharmacology Seminar Series. College Station, TX.

March, 1990: Baylor College of Medicine: Neuroscience Seminar Series. Houston, TX.

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**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
Toxicologist/Pharmacologist/Neurotoxicologist/Ocular Toxicologist**

**TEACHING: PROFESSIONAL, GRADUATE and CONTINUING EDUCATION**

**Professional (O.D., Pharm.D. or M.D. Degree) Courses**

(\* Denotes Course Organizer and Coordinator)

General Pharmacology*	Optometry	1982-2015
Ocular Pharmacology*	Optometry	1986-2016
Nutrition and the Eye*	Optometry	2000-2014
Molecular Mechanisms of Neurodegeneration*	Optometry	1999-2009
General Pathology	Optometry	1990-2000
Clinical Rounds and New Developments	Optometry	1990-1991
Ocular Physiology	Optometry	1982-1985
Neurotoxicology	Pharmacy	1985-1989
Environmental Optometry	Optometry	1982-1988
General Pharmacology	U.T. Medical School	1979-1982
Neuropharmacology & Drugs of Abuse*	U.T. Medical School	1979-1982
Industrial Toxicology and Environmental Medicine*	U.T. Medical School	1979-1982

**Graduate Courses**

(\* Denotes Course Organizer and Coordinator)

Basic Visual Neuroanatomy and Biochemistry*	Graduate	1984-2015
Basic Visual Physiology and Neurophysiology*	Graduate	1984-2015
Molecular Genetics of Eye Disease	Graduate	2000-2009
Biochemical / Cellular Mechanisms of Cell Injury and Death*	Graduate	1998; 1999
Adv. Seminar: Cellular / Molecular Mechanisms of Cell Death*	Graduate	1994-1998
Adv. Seminar: Cellular and Molecular Retinal Development*	Graduate	1993-1997
Adv. Seminar: Scotopic Vision*	Graduate	1990-1991
Rod-Cone Interactions*	Graduate	1989-1990
Neurochemistry	Biochemistry	1986-7; 1988-9; 1990-1991
Histology/Electron Microscopy*	Graduate	1987-1988
Advanced Neurophysiology	Graduate	1986-1987
Retinogeniculate Anatomy and Physiology*	Graduate	1984-1985
Seminar in Neurophysiology*	Graduate	1982-1984
Seminar in Physiological Optics*	Graduate	1982-1983, 1989- 1990

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
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Laboratory Instrumentation and Techniques	Graduate	1982-1984
Neuropharmacology & Drugs of Abuse*	U.T. Medical School	1979-1982
Introduction to Toxicology	U.T. GSBS	1979-1982
Sites and Mechanisms of Toxicity*	U.T. GSBS	1979-1982
Chemical Contamination of the Environment	U.T. GSBS	1979-1982
Neurotoxicology Seminar*	U.T. GSBS	1979-1982

**Undergraduate Courses (\* Denotes Course Organizer and Coordinator)**

Biochemistry*	Undergraduate	2013-2014 (Spring & Fall)
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**Continuing Education Lectures**

Neurotoxicology: Curt Klaassen's Mid-America Toxicology Course (2 hours)	1994-2014
Ocular Toxicology: Curt Klaassen's Mid-America Toxicology Course (1 hour)	1995-2014
CNS Pharmacology and Toxicology: UHCO (6 hours per lecture)	1987-1999
Autonomic Pharmacology: UHCO	1990-1999
Advanced Neurotoxicology: Society of Toxicology (Organized and Chaired)	1991
Concepts in Cell Biology: Society of Toxicology (Organized)	1990
Fundamentals of Ocular Pharmacology: Texas Assoc. Optometrists	1991
Autonomic Pharmacology: Texas Assoc. Optometrists	1991
The Effects of Pharmaceuticals Upon the Eye: LSU Eye Center	1989
Fundamentals of Ocular Pharmacology and Toxicology: UHCO (4 hours)	1987-2000
Ocular Toxicology: UHCO	1987-1994 & 2005

**Proctor for Continuing Education Exams**

Pennsylvania College of Optometry: Remote Site Proctor	1991-1995
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**Question Writer for National Board of Examiners of Optometry**

General Pharmacology: Basic Principles	1989-1995
Autonomic Pharmacology	1989-1995
Ocular Pharmacology: Basic Principles	1989-1995

**Judge for Manuscript Awards**

Mechanisms Specialty Section of Society of Toxicology 20th Annual Student Awards for Meritorious Research (reviewed and ranked 12 full-length manuscript)	2001-2002
U.S. Environmental Protection Agency Neurotoxicology Division Scientific Achievement on Neurotoxicity (SAINT) Award (reviewed 8 full-length manuscripts and ranked the top-three)	2001-2002

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
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**GRADUATE STUDENTS, POSTDOCTORAL FELLOWS AND VISITING SCIENTISTS:  
COMMITTEES and AWARDS**

**Ph.D. Thesis Committees and Oral Exam (and University affiliation)**

Elda Rueda	UHCO	2011-2016	Advisor
Shawnta Y Chaney	U.H. Biochemistry	2006-2013	Advisor
Shradha Mukherjee	U.H. Biochemistry	2005-2011	Advisor
W. Ryan Hamilton	U.H. Biochemistry	2005-2011	Advisor
Ruth Ridder	U.H. Biochemistry	2009-2016	Committee
Anand Giddabasappa	U.H. Biochemistry	2003-2009	Advisor
Reshma Kulkarni	U.H. Biochemistry	2002-2005	Committee
Jerry E. Johnson	U.H. Biochemistry	1999-2003	Committee
Ann T. Poblentz	U.H. Biochemistry	1994-2000	Advisor
Alexei Sourgoutchev	U.H. Biochemistry	1997-2005	Committee
Penny Sadler	U.H. Biology	1996-2001	Committee
Sucheta Beharay	U.H. Pharmacology	1998-1999	Committee
Lanny Shulman, O.D.	UHCO	1992-1998	Advisor
Lihua He	U.H. Biochemistry	1995-1999	Advisor
Carlos A. Garcia, M.S.	U.H. Biochemistry	1991-1996	Advisor
Devesh Srivastava	UHCO	1988-1994	Advisor
Carlos J. Medrano	UHCO	1987-1994	Advisor
Peter Herse	UHCO	1987-1989	Consultant
Lawrence M. Katz, O.D.	UHCO	1983-1987	Advisor
Mary Abreu	UTHSC	1980-1983	Committee
Michael Moffitt	UTHSC	1979-1981	Committee

**Master's Thesis Committees and Oral Exam (and University affiliation)**

Bin Xu	U.H. Biochemistry	2005-2008	Advisor
Hao Wang	UHCO	1997-1998	Committee
Jennifer Hammack	U.H. Biology	1994-1997	Committee
Sandra Tirrell	UHCO	1994-1995	Advisor
Seema Singh, M.D.	UHCO	1993-1995	Advisor
Denaha J. Doss	U.H. Biochemistry	1991-1992	Committee
Burt Evans	UTHSC	1980-1983	Committee

**Honors Undergraduate Thesis (and University affiliation) & Undergraduate Students with NIH Grants**

Mohamed Kaplan	U.H. Biology	2012-2013	Advisor
Jaime Carrillo	U.H. Biology	2010-2014	Advisor
Shawnta Y Chaney	U.H. Biology	2004-2006	Advisor
Rahul Bakshi	U.H. Biology	1997-1998	Advisor
Elton Festari	U.H. Biology	1997-1998	Advisor

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
Toxicologist/Pharmacologist/Neurotoxicologist/Ocular Toxicologist**

**Undergraduate Mentor or Co-Mentor (and University affiliation)**

Mohamed Kaplan	U.H. Biology	2012-2013	Advisor
Jaime Carrillo	U.H. Biology	2010-2014	Advisor
Rahul Bakshi	U.H. Biology	1997-1998	Advisor
Elton Festari	U.H. Biology	1997-1998	Advisor
Vien Lam	U.H.-D Natural Sciences	2006-2007	Co-Advisor
Michele Halek	U.H.-D Natural Sciences	2007	Co-Advisor
Michael Irving	U.H.-D Natural Sciences	2008-2009	Co-Advisor
Shajeer Noorudeen	U.H.-D Natural Sciences	2008-2009	Co-Advisor
Julia Miao	U.H. and Cornell	2009	Advisor
Elda Rueda	U.H.-D Natural Sciences	2009-2011	Co-Advisor
Irena Sigel	U.H.-D Natural Sciences	2009-2010	Co-Advisor
Julia Miao	U.H. and Cornell	2009	Advisor
Frances Acevedo	U.H.-D Natural Sciences	2010-2011	Co-Advisor
Valerie Jordon	U.H.-D Natural Sciences	2010-2011	Co-Advisor
Jaime Carrillo	U.H. Biology	2010-2015	Advisor

**Graduate Students in Physiological Optics and Visual Science Program or Biology and Biochemistry**

Elda Rueda	Ph.D.	2011-2016	Advisor
Shawnta Y Chaney	Ph.D.	2006-2013	Advisor
Shradha Mukherjee	Ph.D.	2005-2011	Advisor
W. Ryan Hamilton	Ph.D.	2005-2011	Advisor
Anand Giddabasappa	Ph.D.	2003-2009	Advisor
Ann T. Poblentz	Ph.D.	1994-2000	Advisor
Lihua He	Ph.D.	1995-1999	Advisor
Lanny Shulman, O.D.	Ph.D.	1992-1998	Advisor
Carlos A. Garcia, M.S.	Ph.D.	1991-1996	Advisor
Sandra Tirrell	M.S.	1993-1995	Advisor
Devesh Srivastava	Ph.D.	1988-1994	Advisor
Seema Singh, M.D.	M.S.	1993-1995	Advisor
Carlos J. Medrano	Ph.D.	1987-1994	Advisor
Hong Wang	Ph.D.	1988-1990	Advisor
Lawrence M. Katz, O.D.	Ph.D.	1983-1987	Advisor

**Postdoctoral Fellows (Funded by RO1 Grants)**

Weimin Xiao, M.D., Ph.D.	2004-2007
Jerry E. Johnson, Jr., Ph.D.	2003-2005 (NEI Postdoctoral Fellow 2003-2004)
Martin Campbell, Ph.D.	1994-1996 (NEI Postdoctoral Fellow 1994-1995)
Devesh Srivastava, Ph.D.	1994-1995
Dianne Impelman, Ph.D.	1981-1983
Carol Lear, Ph.D.	1981-1982

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
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**Research Assistant Professorships (Funded by RO1 Grants)**

Qin Chen, Ph.D.	2003-2005
Weimin Xiao, M.D., Ph.D.	2007-2012

**Visiting Scholars (Funded by RO1 Grants)**

Di-Yun Ruan, Ph.D.	1985-1988
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**National Eye Institute (NEI) Summer Fellows (Funded by NEI Training Grant)**

Irene Sigel	2011-2012
Jeffrey B. Harris	1999-2000
Michael W. Hung	1998-1999
J. Robin Harris	1997-1998
John Deaton	1994-1997
Spring Pankratz	1994-1995
Linda Marks	1993-1994
Steve Alcorn	1992-1993
Heidi Reiling	1991-1992
David Gardiner	1991-1992
Michael L. Suber	1990-1991
Ebbie Shearer	1989-1990
Melissa Bello	1988-1989
Kimberly Hoyt	1987-1988
David Tessin	1986-1987
Steve Rubinstein	1985-1987

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**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
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**Research and Travel Awards to Students**

2014	Elda Rueda	FASEB Travel Grant for Retinal Research Meeting, Retinal Neurobiology and Visual Processing, Federation of American Societies for Experimental Biology (FASEB) 2014, Saxtons River, VT.
2013	Jamie Carrillo	National Collegiate Undergraduate Research (NCUR) Award and University of Houston Travel Award: presented his research at national conference in La Croix, WI.
2012	Shawnta Y Chaney	ARVO Graduate Student Travel Grant Award for ARVO 2012.
2010	Elda Rueda and Irena Sigel	Top Platform Award in Biochemistry Section of 2010 Annual ABRCAMS (Annual Biomedical Research Conference for Minority Students) Meeting, Charlotte, NC.
2010	Frances E. Acevedo, Elda Rueda and Irena Sigel	Top Poster Award in Neuroscience Section of 2010 Annual ABRCAMS (Annual Biomedical Research Conference for Minority Students) Meeting, Charlotte, NC.
2008-2010	Shawnta Y Chaney	Houston Livestock Show and Rodeo Award for Excellence in Research, Department of Biology and Biochemistry, University of Houston. \$2,000 Award
2008-2010	W. Ryan Hamilton	Houston Livestock Show and Rodeo Award for Excellence in Research, Department of Biology and Biochemistry, University of Houston. \$2,000 Award.
2009	Shradha Mukherjee	Cutaneous and Ocular Toxicology Travel Grant Award for ARVO 2009.
2008	Anand Giddabasappa CS	SOT Neurotoxicology Best Poster Award, 47th Annual Society of Toxicology Meeting in Seattle, WA.
2008	Anand Giddabasappa CS	SOT Neurotoxicology Graduate Student Award for Poster Presentation at 47th Annual Society of Toxicology Meeting in Seattle, WA.



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2007	Anand Giddabasappa CS	SOT Neurotoxicology Graduate Student Award for Poster Presentation at 46th Annual Society of Toxicology Meeting in Charlotte, NC.
2007	Anand Giddabasappa CS	SOT Graduate Student Travel Award to 46th Annual Society of Toxicology Meeting in Charlotte, NC to present his poster.
2007	Shawnta Y Chaney	Alliance for Graduate Education and the Professoriate (AGEP) program Summer Research Award.
2006	Shawnta Y Chaney	Alliance for Graduate Education and the Professoriate (AGEP) program Summer Research Award.
2006	Shawnta Y Chaney	Pfizer Travel Award for Undergraduate Research: 45th Annual Society of Toxicology Meeting, San Diego, CA.
2004	Jerry E. Johnson	Finalist for Graduate Student Award: 43th Annual Society of Toxicology Meeting, Mechanisms Specialty Section, Baltimore, MD.
2000	Lihua He	Travel Award to 3rd Albany Conference on Frontiers of Mitochondrial Research, Rensselaerville, NY.
1998	Ann T. Poblenz	Basic Research and Academic Initiatives in Neuroscience (BRAIN) Graduate Student Travel Award for the 37th Annual Society of Toxicology Meeting, Seattle, WA.
1998	Ann T. Poblenz	Graduate Student Award: Third Place at 37th Annual Society of Toxicology Meeting, In Vitro Specialty Section, Seattle, WA.
1997	Lihua He	Basic Research and Academic Initiatives in Neuroscience (BRAIN) Graduate Student Travel Award for the 36th Annual Society of Toxicology Meeting, Cincinnati, OH.
1997	Lihua He	Graduate Student Award: Runner-Up at 36th Annual Society of Toxicology Meeting, Neurotoxicology Specialty Section, Cincinnati, OH.
1997	Ann T. Poblenz	Basic Research and Academic Initiatives in Neuroscience (BRAIN) Graduate Student Travel

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
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		Award for the 36th Annual Society of Toxicology Meeting, Cincinnati, OH.
1997	Ann T. Poblenz	Finalist for Graduate Student Award: 36th Annual Society of Toxicology Meeting, Mechanisms Specialty Section, Cincinnati, OH.
1996	Ann T. Poblenz	Semi-Finalist for Graduate Student Award: 35th Annual Society of Toxicology Meeting, Mechanisms Specialty Section, Anaheim, CA.
1994	Carlos A. Garcia	First Place Poster Award at Sigma Xi Science Day. University of Houston, Houston, TX.
1994	Devesh Srivastava	Fourth Place Graduate Student Award: 33rd Annual Society of Toxicology Meeting, Mechanisms Specialty Section, Dallas, TX.
1994	Devesh Srivastava	ARVO / Retina Research Foundation Lawrence Travel Fellowship Grant for the 1994 Annual Meeting, Sarasota, FL.
1993	Devesh Srivastava	Second Place for Platform Presentation: Gulf Coast Society of Toxicology Annual Meeting, Galveston, TX.
1992	Carlos J. Medrano	Honorable Mention Graduate Student Award: 31st Annual Society of Toxicology Meeting, Mechanisms Specialty Section, Seattle, WA.
1992	Devesh Srivastava	Meritorious Poster Award: Annual Sigma XI Poster Day, University of Houston, Houston, TX.
1992	Devesh Srivastava	Third Place Graduate Student Award: 31st Annual Society of Toxicology Meeting, Neurotoxicology Specialty Section, Seattle, WA.
1992	Devesh Srivastava	SOT Graduate Student Travel Award to 31st Annual Society of Toxicology Meeting in Seattle, WA to present his poster.
1991	Carlos J. Medrano	First Place Graduate Student Award: 30th Annual Society of Toxicology Meeting, Neurotoxicology Specialty Section, Dallas, TX.

**DONALD A. FOX, Ph.D., ATS Fellow, ARVO Fellow  
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1990	Carlos J. Medrano	Fight for Sight Summer Fellowship Research Award
1990	Devesh Srivastava	Sigma Xi Research Grant
1990	Carlos J. Medrano	Sigma Xi Research Grant
1989	Carlos J. Medrano	First Place Graduate Student Award: 28th Annual Society of Toxicology Meeting, Neurotoxicology Specialty Section, Atlanta, GA.
1986	Steve D. Rubinstein	Sigma Xi Research Grant and Beta Sigma Kappa Grant.
1984	Lawrence M. Katz	First Place Stella Ehrhardt Memorial Fund Cullen Graduate Fellowship at University of Houston.
1983	Lawrence M. Katz	Sigma Xi Research Grant and First Place Poster Award at Sigma Xi Science Day.

**Minority Mentoring Program for Undergraduates**

1996	Society of Toxicology, 35th Annual Meeting, Anaheim, CA
1997	Society of Toxicology, 36th Annual Meeting, Cincinnati, OH
1998	Society of Toxicology, 37th Annual Meeting, Seattle, WA
1999	Society of Toxicology, 38th Annual Meeting, New Orleans, LA

**PEER-REVIEWED IMAGES and VIDEOS: American Society Cell Biology**

1. Perkins GA, Poquiz P.H., Ellisman MH and **Fox DA** Mitochondrion in a Rod Photoreceptor Spherule. ASCB Image and Video Library. 2008; Available at: <http://www.cellimagelibrary.org/images/7660>
2. Perkins GA, Poquiz P.H., Ellisman MH and **Fox DA** Mitochondrion in a Cone Photoreceptor Pedicle. ASCB Image and Video Library. 2008; Available at: <http://www.cellimagelibrary.org/images/7661>

**PEER-REVIEWED PUBLICATIONS**

1. **Fox DA**, Lewkowski JP, Cooper GP (1977). Acute and chronic effects of neonatal lead exposure on the development of the visual evoked response in rats. Toxicol. Appl. Pharmacol. 40: 449-461.
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**EDITED BOOKS / PROCEEDINGS / EDITORIALS**

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**WRITTEN BOOK REVIEWS**

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**ABSTRACTS: (Over 325 total)**