

CURRICULUM VITAE

Curtis D. Klaassen, Ph.D.

PLACE AND DATE OF BIRTH:

Fort Dodge, Iowa
November 23, 1942

MARITAL STATUS:

Married, two children

DEGREES:

1964 B.A. - Wartburg College (Biology)
1966 M.S. - University of Iowa (Pharmacology)
1968 Ph.D. - University of Iowa (Pharmacology)

CERTIFICATION:

1980 American Board of Toxicology
1992 The Academy of Toxicological Sciences

ACADEMIC APPOINTMENTS:

1968-1970 Instructor of Pharmacology and Toxicology, University of Kansas Medical Center.
1970-1974 Assistant Professor of Pharmacology and Toxicology, University of Kansas Medical Center.
1974-1977 Associate Professor of Pharmacology and Toxicology, University of Kansas Medical Center.
1975 Guest Professor of Clinical Pharmacology, University of Bern, Bern, Switzerland, June-August.
1977-2002 Head, Section on Toxicology, Department of Pharmacology, Toxicology and Therapeutics, University of Kansas Medical Center.
1977-2002 Professor of Pharmacology and Toxicology, University of Kansas Medical Center.
1978 Visiting Scientist, Department of Toxicology, Institute of Radiation and Environmental Research (GSF), Munich, Germany, March-August.
1984-1995 Professor of Molecular Cytology, Institute of Investigative Cytology, Valencia, Spain.
1986-1989 Associate Director, Environmental Health and Occupational Medicine Center, University of Kansas Medical Center.
1989-1991 Interim Director, Environmental Health and Occupational Medicine Center, University of Kansas Medical Center.

- 2002-2012 University Distinguished Professor of Pharmacology and Toxicology, University of Kansas Medical Center.
- 2003-2012 Chair, Department of Pharmacology, Toxicology and Therapeutics, University of Kansas Medical Center.
- 2013-2014 University Distinguished Professor of Medicine, University of Kansas Medical Center.
- 2014-pres Affiliate Professor, Department of Environmental and Occupational Health Sciences, School of Public Health, University of Washington, Seattle, Washington.

HONORS:

1. 1964 Magna Cum Laude, Wartburg College
2. 1965-1968 Public Health Service Predoctoral Fellowship Award, NIH
3. 1971-1976 Public Health Service Research Career Development Award, NIH
4. 1976 Achievement Award, Society of Toxicology
5. 1978 Alexander von Humboldt Fellow
6. 1982-1987 Burroughs Wellcome Scholar in Toxicology
7. 1982-1983 MASUA Honor Lecturer
8. 1982 KUMC Research Award
9. 1985 Distinguished Visiting Professor, New Mexico State University
10. 1985 KU-Higuchi Research Award (The Dolph Simons, Sr. Research Award)
11. 1986 Wartburg College Alumni Citation
12. 1987 Distinguished Visiting Professor, University of Toledo
13. 1993 Eugene Garfield in *Current Contents* (January 18, 1993) indicated that between 1980 and 1992, Curtis Klaassen:
 - A. Published 115 peer-reviewed scientific publications on the study of xenobiotics.
 - B. Had the 12th highest scientific impact (2,227 references) in the world in the study of xenobiotics.
 - C. Had the 4th highest scientific impact in the United States in the study of xenobiotics.
14. 1993 Educational Award, Society of Toxicology
15. 1993 Chancellor's Club Research Award, University of Kansas
16. 1994 Kenneth P. DuBois Award, by Midwest Regional Chapter of the Society of Toxicology
17. 1994 William P. Kinter Memorial Lectureship, Mount Desert Island Biological Laboratory, Maine
18. 1998 Founders Award, Chemical Industry Institute of Toxicology (CIIT)
19. 1998 John Doull Award, Central States Chapter of the Society of Toxicology
20. 1999 Ambassador Award, Mid-Atlantic Chapter of the Society of Toxicology
21. 2001 Distinguished Service Award, American College of Toxicology
22. 2002 The Institute for Scientific Information distinguished Curtis Klaassen as a "Highly Cited Researcher" in pharmacology. Only 108 scholars in the world, of which 43 are from the United States, were given this distinction. Less than one-half of one percent of all researchers are so designated. Further information can be found at <http://isihighlycited.com>.
23. 2002 University Distinguished Professor, University of Kansas Medical Center
24. 2002 Plenary lecture at Korean Society of Toxicology, Seoul, Korea
25. 2002 Plenary lecture at China, Japan Joint Congress of Toxicology and Pharmacology, Chenzhen, China
26. 2003 The 2003 International Achievement Award, from the International Society of Regulatory Toxicology and Pharmacology.
27. 2003 Richard Gillis Lecture, Georgetown Univ., Washington, DC
28. 2004, 2006 Honorary Scientist, The National Veterinarian Research and Quarantine Service of the Republic of Korea
29. 2005 Lifetime Scientific Award from the MT-2005 Conference Organizing Committee in Recognition of Outstanding Contributions to the Field of Metallothionein
30. 2007 Speaker at Daniel J. Zaffarano Lecture, Iowa State University, April 14, 2007.

31. 2007 In-Cites distinguished Curtis Klaassen as a Most-Cited Researcher in Pharmacology and Toxicology over the past 10 years. Dr. Klaassen ranks as the seventh most-cited researcher in Pharmacology and Toxicology in the world.
32. 2007 Lifetime Achievement in Mentoring Award, University of Kansas Med. Ctr.
33. 2007 Daniel J. Zaffarano Lecture, Iowa State University
34. 2008 B.B. Brodie Award, American Society of Pharmacology and Experimental Therapeutics.
35. 2008 Herbert E. Stokinger Award, American Conference of Governmental and Industrial Hygienists.
36. 2009 Career Achievement Award from the Metals Specialty Section of the Society of Toxicology.
37. 2009 Maurice H. Seevers Memorial Lecture, University of Michigan.
38. 2009 W.T. Kemper Fellow (Teaching Award). University of Kansas.
39. 2010 Mentoring Award, Society of Toxicology, Women in Toxicology.
40. 2012 Merit Award, Society of Toxicology.
41. 2012 Mildred S. Christian Career Achievement Award, The Academy of Toxicological Sciences.
42. 2013 McEwen Lecturer at Queen's University
43. 2015 Vice Chairman of the Academic Committee of Key Laboratory for Basic Pharmacology of Ministry of Education, Department of Pharmacology, Zunyi Medical College.

PROFESSIONAL SOCIETIES:

1. 1968 Sigma XI
2. 1969 American Association for the Advancement of Science
3. 1970 Society of Toxicology
4. 1970 American Society of Pharmacology and Experimental Therapeutics
5. 1971 American Association for the Study of Liver Diseases
6. 1972 Society of Experimental Biology and Medicine
7. 1993 International Society for the Study of Xenobiotics (ISSX)
8. 1999 American Association of Pharmaceutical Scientists

EDITORIAL BOARDS:

1. 1974-1998 *Journal of Pharmacology and Experimental Therapeutics*, Toxicology Field Editor
2. 1976-1978 *Chemico-Biological Interactions*, Editorial Board
3. 1977-1998 *Journal of Pharmacological and Toxicological Methods*, Associate Editor
4. 1980-1990 *Toxicology and Applied Pharmacology*, Associate Editor
5. 1980-1983 *Hepatology*, Editorial Board
6. 1980-pres *Journal of Toxicology and Environmental Health*, Editorial Board
7. 1984-1993 *Xenobiotica*, Editorial Board
8. 1988-1989 *ISI Atlas of Science: Pharmacology* Advisory Editor
9. 1992-1998 *Chemico-Biological Interactions*, Editorial Board
10. 1993-1996 *Regulatory Toxicology and Pharmacology*, Editorial Board
11. 1996-2001 *Current Protocols in Pharmacology*, Editorial Board
12. 1997-2002 *Toxicological Sciences*, Editor-in-Chief
13. 1999-2004 *Annual Reviews of Pharmacology and Toxicology*, Editorial Board

14. 2006-2012 Faculty of 1000, Co-editor for Toxicology
15. 2011-pres Hepatology

NATIONAL and INTERNATIONAL COMMITTEES:

Elected:

Society of Pharmacology and Experimental Therapeutics

1. 1976-1979 Executive Committee of the Drug Metabolism Division, American Society of Pharmacology and Experimental Therapeutics
2. 1977-1979 Treasurer of the Drug Metabolism Division, American Society of Pharmacology and Experimental Therapeutics

Society of Toxicology

1. 1979-1981 Education Committee, Society of Toxicology, Chairman 1980-1981
2. 1981-1984 Membership Committee, Society of Toxicology, Chairman 1983-1984
3. 1983-1986 Councilor, Mechanism Subsection, Society of Toxicology
4. 1983-1985 Councilor, Metals Subsection, Society of Toxicology
5. 1985-1987 Councilor, Society of Toxicology
6. 1988-1989 Vice-President Elect, Society of Toxicology
7. 1988-1990 Program Committee, Society of Toxicology, Chairman 1989-1990
8. 1989-1990 Vice-President, Society of Toxicology
9. 1989-1991 Board of Publications, Society of Toxicology
10. 1989-1991 Finance Committee, Society of Toxicology
11. 1990-1991 President, Society of Toxicology
12. 1991-1992 Past-President, Society of Toxicology
13. 1991-1992 Awards Committee, Society of Toxicology, Chairman
14. 1991-1992 Ethics Committee, Society of Toxicology, Chairman
15. 1989-1993 Toxicology Education Foundation Board of Trustees, Vice President 1991-1992, President 1992-1993
16. 1992-1993 Nominating Committee, Society of Toxicology, Chairman
17. 1994-1995 Nominating Committee, Society of Toxicology
18. 1998-1999 Nominating Committee, Society of Toxicology
19. 2002-2003 Nominating Committee, Society of Toxicology
20. 2011-2012 Education Summit Committee, Society of Toxicology

International Union of Toxicology

1. 1989-1992 Director, International Union of Toxicology (IUTOX)
2. 1992-1995 President, International Union of Toxicology (IUTOX)
3. 1995-1998 Past President, International Union of Toxicology (IUTOX)

International Society of the Study of Xenobiotics

1. 1997-2001 Councilor

Wartburg College

1. 1992-1995 Wartburg College Alumni Board

Academy of Toxicological Sciences

1. 2000-2003 Councilor

NATIONAL and INTERNATIONAL COMMITTEES:

Appointed:

National Institutes of Health

1. 1976-1980 Toxicology Study Section, Division of Research Grants, National Institutes of Health, USPHS
2. 1984-1987 Pharmacological Sciences Review Committee, National Institute of General Medical Sciences

National Library of Medicine

1. 1976-1981 National Library of Medicine, Toxicology Information Subcommittee, Toxicology Data Bank Review
2. 1988-1991 National Academy of Sciences - National Library of Medicine - Toxicology Information Program

Food and Drug Administration

1. 1977-1978 Food and Drug Administration, Bureau of Drugs, Gastrointestinal Drugs Advisory Committee, Subcommittee on Hepatotoxicity
2. 2006- Dental Products Panel (Amalgum)

National Institute for Occupational Safety and Health

1. 1999-2004 Board of Scientific Counselors

International Meeting Organization

1. 1978-1979 Organizing Committee for Metals Symposium for German Pharmacology Society held in Munich, West Germany
2. 1978-1980 Organizing Committee of the 2nd International Reactive Intermediate Meeting held at the University of Surrey in Guildford, England
3. 1981-1982 Co-organizer of Environmental Workshop held in Cairo, Egypt
4. 1983-1984 Program Committee for 2nd International Symposium on Drug Metabolism
5. 1989 Co-organizer of International Scientific Meeting on "Metallothionein in Biology and Medicine" in Honolulu, Hawaii
6. 1991 Chairman of committee that organized a meeting on "Possible Role of Metallothionein in Carcinogenesis" in Lake Lanier Islands, Ga, for the National Cancer Institute
7. 1992-1995 President of the VII International Congress on Toxicology, Seattle, Washington, July 2-7, 1995
8. 1992-1995 Scientific Advisory Committee for the Vth COMTOX Symposium on

- Chemical Toxicology and Clinical Chemistry of Metals. Vancouver, British Columbia, Canada
9. 1992-1997 President of the IVth International Metallothionein Meeting held in Kansas City, Missouri (September 18-20, 1997)
 10. 1993-1995 International Advisory Committee for the IIIrd Congress of Toxicology in Developing Countries. Cairo, Egypt, November 19-23, 1995
 11. 1995-1996 Scientific Committee for the Fourth International Symposium on Metal Ions in Biology and Medicine. Terragona/Barcelona, Catalonia, Spain, May 19-22, 1996.
 12. 1995-1996 Scientific Program Committee for ISSX Meeting held in San Diego in 1996.
 13. 1995-1998 Program Committee for the V International Congress of Toxicology, held July 1998 in Paris.
 14. 1998-1999 International Advisory Committee of the IV Congress of Toxicology in Developing Countries to be held in November 1999 in Antalya, Turkey.
 15. 1998-2000 SCOPE (Scientific Committee on Protection of the Environment), Chair of committee developing two workshops (Casablanca and Brussels) on "Environmental Cadmium in the Food Chain – Sources, Pathways and Risk".
 16. 2000-2004 Scientific Program Committee for the X International Congress in Toxicology, Tampere, Finland.
 17. 2005-2007 Scientific Program Committee for the XI International Congress in Toxicology, Montreal, Canada.
 18. 2011-2013 Scientific Program Committee for the XIII International Congress in Toxicology, Seoul, Korea.

National Academy of Science

1. 1979-1981 National Academy of Science, Committee on the Alkyl Benzenes
2. 1988-1991 National Academy of Sciences - National Library of Medicine - Toxicology Information Program
3. 1988-1991 National Academy of Sciences - Committee on Toxicology
4. 1992-1997 Howard Hughes Medical Institute - Predoctoral Fellowship Review Committee
5. 1993-1995 Committee on Prudent Practices for Handling, Storage and Disposal of Chemicals in the Laboratory: Subcommittee on Assessing Chemical Hazards
6. 1997-1999 National Academy of Sciences, Committee on Arsenic in Drinking Water

Society of Pharmacology and Experimental Therapeutics

1. 1981-1983 Subcommittee on Toxicology of the Committee on Educational Affairs, American Society of Pharmacology and Experimental Therapeutics
2. 2009-2013 ASPET B. B. Brodie Award Committee

Society of Toxicology

1. 1983-1985 Chairman of Long-Range Planning Committee, Mechanism Subsection, Society of Toxicology
2. 1992-1993 Long-Range Planning Committee
3. 1997-2004 Board of Publications
4. 2004-2008 NIH Study Section Task Force

National Center for Toxicological Research

1. 1983-1984 Scientific Advisory Board, National Center for Toxicological Research

World Health Organization

1. 1983-1984 International Workshop on Manpower Development and Training in Toxicology and Chemical Safety, Luxembourg, Nov. 28-Dec 2.

Environmental Protection Agency

1. 1984-1987 EPA National Drinking Water Advisory Council
2. 1984-1990 Environmental Health Committee of EPA's Science Advisory Board: Halogenated Organic Subcommittee
3. 1985-1990 EPA FIFRA Scientific Advisory Subpanel on Survey of Pesticides in Ground Water
4. 1987 EPA Scientific and Technological Achievement Award Committee
5. 1987 EPA Weight of Evidence/Hazard Identification Workshop
6. 1988 EPA Scientific and Technological Achievement Award Committee
7. 1989 EPA Scientific and Technology Achievement Award Committee
8. 1992 EPA Human Health Water Quality Criteria Methods Revision
9. 1992 EPA Dioxin Reassessment (Chairman)
10. 1993-1998 EPA Science Advisory Board, Drinking Water Committee
11. 1996-1997 EPA Human Exposure and Health Subcommittee of the Science Advisory Board Integrated Risk Project

United States Air Force

1. 1985-1990 Air Force Life Sciences Research Advisory Board
2. 1987 AFOSR (Air Force Office of Scientific Research) Toxicology Review Panel (Chairman)

National Toxicology Program

1. 1988-1995 National Toxicology Program (NTP) - Board of Scientific Counselors-Technical Reports Review Subcommittee-Chairman 1991-1994
2. 1991-1995 National Toxicology Program (NTP) - Board of Scientific Counselors-Chairman 1993-1995
3. 1992 NTP Workshop participant on "Effects of Environmental Chemicals on Lactation and the Nursing Neonate" - March 1 and 2, 1992
4. 1992 Consultant on NTP reorganization
5. 1995 NTP Workshop on "Mechanism-Based Toxicology in Cancer Risk Assessment: Implications for Research, Regulation and Legislation" - Jan 11-13, 1995
6. 2000-2001 Interagency Coordinating Committee on the Validation of Alternative Methods (ICVAM). Chairman. The Revised Up-and-Down Procedures: A Test Method for Determining the Acute Oral Toxicity of Chemicals and Products. July 24-26,

2000, August 31, 2001

International Agency for Research on Cancer

1. 2000 IARC Working Group to Evaluate Some Thyrotropic Agents

American Dental Association

1. 1988-pres American Dental Association - Council on Dental Therapeutics
2. 1995-pres American Dental Association - Council on Scientific Affairs

International Life Science Institute

1. 1989-2006 Trustee of the Health and Environmental Sciences Institute (HESI) of the International Life Sciences Institute (ILSI)
2. 1995 Chairman of summary panel of meeting: "Disinfection By-products in Drinking Water: Critical Issues in Health Effects Research"
3. 1997-2002 Executive Committee of HESI
4. 1997-1999 Publication Committee of HESI
5. 1997-1998 Secretary of HESI
6. 1998-2006 Trustee of ILSI
7. 1998-2000 Vice Chairman of HESI
8. 1998 Invited Participant of Workshop on "Identification of New and Uncharacterized Disinfection By-Products in Drinking Water"
9. 1998-1999 Research Foundation Development/Oversight Committee
10. 1998-2002 Finance Committee of HESI
11. 2000-2002 Chairman of HESI
12. 2001-2006 Communication/Publication Committee of ILSI
13. 2002-2006 Finance/Fundraising Committee of ILSI

Canadian Network of Toxicology Centers

1. 1992-2001 Expert Advisory Committee

Agency for Toxic Substances and Disease Registry:

1. 1992 Expert Review Panel of ATSDR's Public Health Assessments
2. 1993 Expert Review Panel of ATSDR's Public Health Assessments

Cosmetic Ingredient Review

1. 1993-pres Expert Panel Member

International Council for Scientific Unions (ICSU)

1. 1996-1999 Representative for IUTOX

Scientific Committee on Protection of the Environment (SCOPE)

1. 1996-1999 Ad Hoc Planning Group on Environmental Cadmium

UNIVERSITY COMMITTEES:

Elected:

1. 1974-1977 Animal Care Committee, Chairman 1975-1977
2. 1981-1984 Medical School Research Committee, Chairman 1982-1984
3. 1981-1984 Faculty/Student Committee
4. 1982-1985 President-elect, President and Past-President of local chapter of Sigma Xi
5. 1982-1984 College Research Committee
6. 1983-1986 Animal Care Committee
7. 1987-1990 Admission Committee
8. 1987-1990 Academic Committee
9. 1988-1990 Promotion and Tenure Committee
10. 1988-1990 Resources and Facilities Planning Committee
11. 1993-1994 School of Medicine Society of Research Scholars

Appointed:

1. 1982-1985 Wilkinson Professorship Search Committee
2. 1983 Research Award Committee
3. 1983-1984 Microbiology Chairman Search Committee
4. 1983-1984 VA Hospital Research Committee
5. 1993 Speas Cancer Research Grant Reviews
6. 1983-1984 Steering Committee for Five-Year Plan
7. 1983-1984 Research Committee for Five-Year Plan
8. 1983-1984 Finance Committee for Five-Year Plan
9. 1984 New Animal Care Facility Committee
10. 1984 Allied Health Dean Search Committee
11. 1984 Research Award Committee
12. 1985 Research Award Committee (Chairman)
13. 1985-1988 Institutional Animal Care and Use Committee
14. 1985-1986 Steering Committee for Five-Year Plan
15. 1985-1986 Research Committee for Five-Year Plan
16. 1986 Graduate School Five-Year Review Committee for Pathology
17. 1986 Research Award Committee
18. 1986-1987 KU-Higuchi Research Award Committee
19. 1986 Speas Cancer Research Grant Reviews
20. 1987 Research Award Committee
21. 1988 Research Award Committee
22. 1989-1993 Graduate School Representative Committee
23. 1989-1994 Research Building Advisory Committee
24. 1989 Preventive Medicine Advisory Committee
25. 1989 Research Award Committee
26. 1990 Preventive Medicine Chairman Search Committee
27. 1990-1993 M.D./Ph.D. Advisory Committee (Chairman)
28. 1993-1994 Biochemistry Chairman Search Committee (Chairman)
29. 1994 Research Award Committee (Chairman)
30. 1994-2011 Biotechnology Support Facility Oversight Committee

31. 1994 Dean's Research Advisory Committee
32. 1994-2011 Integrated Advanced Information Management System Committee
33. 1995 Strategic Relationships Task Force
34. 1995 Ad hoc Committee on Faculty Concerns
35. 1995-1998 Promotion and Tenure Committee (Dean's appointee)
36. 1996 Microbiology Chairman Search Committee
37. 1996-1997 State Salary Committee (Co-Chairman)
38. 1997 Chancellor's Club Research Award Committee
39. 1997-1998 Associate Dean of Research Search Committee
40. 1997-1998 Graduate Council
41. 1997-pres Selection Committee of the Training Program in Biomedical Research
42. 1997-2011 M.D., Ph.D. Committee
43. 1997-2011 Interdisciplinary Graduate Program in Basic Sciences
44. 1997-2001 Postdoctoral Committee
45. 1997-1999 Chancellor's Joint Academic/Research Planning Committee
46. 2000 Promotion and Tenure Appeals Committee
47. 2000-2001 Chairman of Symposium for Training Program in Biomedical Research
48. 2001-2002 Department of Biochemistry and Molecular Biology Search Committee for Chairman
49. 2002-2002 Dean's Senior Scientist Advisory Committee
50. 2003-2011 Dean's Leadership Committee
51. 2003-2004 Associate Vice Chancellor of Research Administration Search Committee
52. 2005 Search Committee for Cancer Center Director
53. 2005 Search Committee for Cancer Center Associate Director
54. 2008 Chancellor's Task Force to raise the Research Bar, Univ of Kansas

CONSULTANT TO UNIVERSITIES:

1. University of Rochester
2. University of Texas Medical Branch of Galveston
3. University of Wisconsin
4. Indiana University
5. University of Arizona
6. University of Arkansas
7. Canadian Network of Toxicology Centres
8. Louisiana Universities Marine Consortium (LUMCOM)
9. Morehouse School of Medicine
10. University of Washington
11. Yale University
12. Dartmouth University
13. Rutgers University (Robert A. Scala Award)
14. Columbia University

RESEARCH TRAINEES:

M.S. Students:

- | | | | |
|--------------------------------------|-------|------------------------|--------|
| 1. Moshe Garty, M.D., M.S. | 79-80 | University of Tel Aviv | Israel |
| 2. James Barter, Ph.D., M.S. | 79-81 | PPG Industries | PA |
| 3. Lesley Rausch-Derra, D.V.M., M.S. | 97-00 | Masterfoods | MO |
| 4. Michael Beringer, M.S. | 97-01 | U.S. E.P.A. | KS |
| 5. Jeremy Johnson, M.S. | 02-07 | U.S. E.P.A. | KS |

Ph.D. Students:

- | | | | |
|--------------------------------|-------|--|----|
| 1. John Russell, Ph.D. | 69-72 | Midwest Research Inst.
(deceased) | MO |
| 2. Andrea Hunter, Ph.D. | 70-73 | East Carolina University
(deceased) | NC |
| 3. David Eaton, Ph.D. | 75-79 | University of Washington | WA |
| 4. King-Lit Wong, Ph.D., J.D. | 76-80 | Kenyon & Kenyon, LLP | DC |
| 5. Lou Cantilena, M.D., Ph.D. | 78-81 | Uniformed Ser U Hlth Sci | MD |
| 6. Robert Dudley, Ph.D. | 80-83 | Anagen Therapeutics, Inc. | IL |
| 7. Peter Goering, Ph.D. | 80-83 | Food and Drug Adm. | MD |
| 8. Russell Dills, Ph.D. | 82-86 | University of Washington | WA |
| 9. Lois Lehman-McKeeman, Ph.D. | 83-86 | Bristol-Myers Squibb | DE |
| 10. Daniel Goon, Ph.D. | 84-88 | Castrol Industrial | IL |
| 11. Robert Barter, Ph.D. | 87-90 | ExxonMobil Biomedical | NJ |
| 12. Catherine Dorian, Ph.D. | 87-91 | Theravance | CA |
| 13. John Bauman, Ph.D. | 88-92 | GlaxoSmithKline | NC |
| 14. Jie Liu, M.D., Ph.D. | 89-92 | NCI at NIEHS | NC |
| 15. Lan Liu, Ph.D. | 91-95 | Pharmacist | RI |
| 16. Alan Hood, Ph.D. | 92-97 | Ecolab | MN |

17.	James Boles, Ph.D.	93-96	USAMRIID (military)	MD
18.	Nichole Vansell, Ph.D.	96-00	Pfizer	CT
19.	David Johnson, Ph.D.	96-01	U.S. Army Corps of Engineers	MS
20.	Eric Harstad, Ph.D.	97-01	Genentech	CA
21.	Lori Martin, Ph.D.	97-02	Novartis	NJ
22.	Grace Guo, Ph.D.	98-01	Univ. Kansas Medical Center	KS
23.	Ning Li, Ph.D.	99-03	Procter and Gamble	OH
24.	Susan Buist, Ph.D.	00-04	Eli Lilly	IN
25.	Jonathan Maher, Ph.D.	01-05	Abbott	IL
26.	Mindy Shelby, Ph.D.	01-05	Aegis Sciences Corp.	TN
27.	Xingguo Cheng, Ph.D.	01-05	Univ. Kansas Medical Center	KS
28.	David Buckley, Ph.D.	03-07	XenoTech	KS
29.	Pei-zhen (Sunny) Song	04-10		
30.	Scott Reisman	05-09	Reata Pharmaceuticals, Inc.	TX
31.	Julia Yue Cui	06-10	University of Washington	WA
32.	Youcai Zhang	07-11	Tianjin University	China
33.	Kai (Connie) Wu	08-12	The Janssen Pharmaceutical Companies of Johnson & Johnson	PA
34.	Felcy Selwyn	09-13	University of Washington	WA
35.	Zidong (Donna) Fu	09-13	University of Washington	WA
36.	Ying (Judy) Guo	09-11	Central South University	China
37.	Qiang (Jeff) Qu	11-13	Central South University	China

Postdoctoral Students:

1.	Kikuo Iwamoto, Ph.D.	75-77	Shimane University Hospital	JAPAN
2.	Frank Kotsonis, Ph.D.	75-77	Monsanto Co. (Retired)	IL
3.	Tatsuji Iga, Ph.D.	77-79	University of Tokyo	JAPAN
4.	Stuart Cagen, Ph.D.	77-79	Shell Development	TX
5.	Neill Stacey, Ph.D.	78-80	Southern Cross Pharma	AUSTRALIA
6.	John Watkins, Ph.D.	79-82	Indiana University	IN
7.	Tom Thompson, Ph.D.	80-82	Consultant	KS
8.	Zoltan Gregus, Ph.D.	80-81	University of Pecs	HUNGARY
9.	Mike Waalkes, Ph.D.	81-83	National Cancer Inst.	NC
10.	Tamio Maitani, Ph.D.	82-83	Natl Inst Hygienic Sci	JAPAN
11.	Jerry Hjelle, Ph.D.	82-84	Monsanto Company	MO
12.	George Hazelton, Ph.D.	82-84	Rohm & Haas	PA
13.	Bill Bracken, Ph.D.	83-86	Abbott Laboratories	IL
14.	Lynda Gammal, Ph.D.	83-84	Sunflower Ordinance Plant	KS
15.	Aron Stein, Ph.D.	84-86	Isis Pharmaceuticals	CA
16.	Stanley Howell, Ph.D.	84-86	Bristol-Myers Squibb	NJ
17.	Elizabeth Brzeznicka-Swietlicki, Ph.D.	84-86	Washington University	MO
18.	Louis Sendelbach, Ph.D.	85-87	Quintiles, Inc.	CA
19.	Catherine White, Ph.D.	85-87	University of Georgia	GA
20.	William Kershaw, Ph.D.	86-89	S.C. Johnson & Son, Inc.	MI
21.	Cherukury Madhu, Ph.D.	86-93	Allergan	CA
22.	Timothy Maziasz, Ph.D.	87-89	Abbott Bioresearch Ctr.	MA
23.	Jie Liu, M.D.	87-92	NCI at NIEHS	NC
24.	Yaping Liu, M.D.	87-95	Duke University	NC
25.	David Mitchell, Ph.D.	88-90	Array Biopharma	CO

26.	Peter Rozman, M.D.	89-91	Chioin	HUNGARY
27.	James McKim, Ph.D.	89-92	CeeTox	MI
28.	Supratim Choudhuri, Ph.D.	89-94	Food & Drug Admin.	DC
29.	Hyo J. Kim, Ph.D.	89-91	Maria Vaccine Enterprises	MA
30.	Joon-Hyoung Cho, Ph.D.	90-91	Veterinary Research Inst.	KOREA
31.	Marcus B. Iszard, Ph.D.	91-94	Univ. of Missouri-Kansas City	MO
32.	Takiko Oguro, Ph.D.	91-93	Alcon	TX
33.	Kyle Kramer, Ph.D.	93-95	Zensha Transnational, Inc.	CA
34.	Hua Zheng, Ph.D.	94-95	Celgene Corporation	NJ
35.	Robert Dunn, Ph.D.	95-98	Amgen, Inc.	CA
36.	Sultan Habeebu, Ph.D., M.D.	95-01	Children's Mercy Hospital	MO
37.	Kyle Kolaja, Ph.D.	96-98	Roche	NJ
38.	Dylan Hartley, Ph.D.	96-01	Genentech	CA
39.	Sang-Hee Jeong, Ph.D.	96-97	Veterinary Research Inst.	KOREA
40.	Patricia Rojas-Castaneda, Ph.D.	97-98	Inst Nacional de Neurologia	Mexico
41.	Nathan Cherrington, Ph.D.	99-02	University of Arizona	AZ
42.	Doug-Young Ryo, Ph.D.	99-00	University of Seoul	KOREA
43.	Jeffrey Staudinger, Ph.D.	00-01	University of Kansas	KS
44.	Tyra Leazer, Ph.D.	00-03	Procter & Gamble	OH
45.	Angela Slitt, Ph.D.	00-04	University of Rhode Island	RI
46.	Chuan Chen, Ph.D.	01-05	Arena Pharmaceuticals	CA
47.	Terrilyn Couch-Richardson, Ph.D.	01-03	Novartis	NJ
48.	Matthew Dieter, Ph.D.	01-05	Abbott	IL
49.	Hong Lu, Ph.D.	02-06	Univ Kansas Medical Center	KS
50.	Yuji Tanaka, M.D., Ph.D	03-07	Kinki Univ Sch of Med	JAPAN
51.	Jay Petrick, Ph.D.	03-05	Monsanto	MO
52.	Tamara House-Knight, Ph.D.	04-05	Center for Toxicology and Environmental Health	AR
53.	Yazen Alnouti, Ph.D.	04-06	Univ Nebraska Medical Center	NE
54.	Xingguo Cheng, Ph.D.	05-09	St John's University	NY
55.	Ivan Csanaky, M.D., Ph.D.	05-11	Children's Mercy Hospital	MO
56.	Yukun (Jennifer) Zhang, Ph.D.	06-09	Univ Kansas Medical Center	KS
57.	Cheryl Rockwell, Ph.D.	06-	Michigan State University	MI
58.	Lauren Aleksunes, Ph.D.	07-09	Rutgers University	NJ
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PUBLICATIONS as a result of Committee Work:

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11. Plant, N. and Klaassen, C.D.: Xenobiotic and endobiotic transporters: Structure, function and regulation. *Xenobiotica* 38: 654-655, 2008.

INVITED LECTURES:

- | | | | |
|-----|----------------|--|-------------------------|
| 1. | Oct. 01, 1968 | Emory University | Atlanta, GA |
| 2. | Nov. 12, 1969 | Kansas State University | Manhattan, KS |
| 3. | Nov. 10, 1971 | Medical College of Wisconsin | Milwaukee, WI |
| 4. | Mar. 10, 1972 | Albert Einstein College of Medicine | Bronx, NY |
| 5. | Sept. 14, 1972 | 1 st International Gstaad Symposium | Gstaad, Switzerland |
| 6. | Sept. 15, 1972 | Carlos Erba Foundation | Milan, Italy |
| 7. | Mar. 12, 1973 | University of Iowa | Iowa City, IA |
| 8. | June 08, 1973 | University of Arkansas | Little Rock, AR |
| 9. | Oct. 02, 1975 | Amer. Assoc. Lab. Animal Science | Miami, FL |
| 10. | Feb. 07, 1974 | Procter and Gamble Company | Cincinnati, OH |
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| 12. | Dec. 10, 1974 | Baxter Labs | Morton Grove, IL |
| 13. | Mar. 14, 1975 | University of Wisconsin | Madison, WI |
| 14. | June 20, 1975 | University of Bern | Bern, Switzerland |
| 15. | Aug. 19, 1975 | Institut for Toxicologie | Schwerzenbach, Switzer. |
| 16. | Aug. 20, 1975 | F. Hoffmann-LaRoche & Co. | Basel, Switzerland |
| 17. | Sept. 04, 1975 | 2 nd International Gstaad Symposium | Gstaad, Switzerland |
| 18. | Dec. 10, 1975 | Health Protection Branch | Ottawa, Canada |
| 19. | July 07, 1976 | University of Texas—Houston | Houston, TX |
| 20. | Sept. 09, 1976 | Lilly Research Laboratories | Greenfield, IN |
| 21. | Apr. 06, 1977 | F.A.S.E.B. Symposium | Chicago, IL |
| 22. | Apr. 26, 1977 | Purdue University | Lafayette, IN |
| 23. | July 14, 1977 | Gordon Research Conference | Holderness, NH |
| 24. | Oct. 20, 1977 | University of Kansas | Lawrence, KS |
| 25. | Jan. 06, 1978 | Medical College of Georgia | Augusta, GA |
| 26. | Jan. 23, 1978 | Univ. of Mississippi Medical Center | Jackson, MS |

27.	Jan. 31, 1978	Univ. of Missouri—Columbia	Columbia, MO
28.	Apr. 11, 1978	Inst. of Radiation & Envir. Res.	Neuherberg, W. Germany
29.	Apr. 28, 1978	Univ. of Munich—Biochemistry	Munich, W. Germany
30.	May 18, 1978	University of Groningen	Groningen, Netherlands
31.	June 08, 1978	University of Munich—Vet School	Munich, W. Germany
32.	June 15, 1978	University of Tubingen	Tubingen, W. Germany
33.	Aug. 24, 1978	Kyoto University	Kyoto, Japan
34.	Aug. 25, 1978	Nagoya City University	Nagoya, Japan
35.	Aug. 29, 1978	Liver and Aging Symposium	Tokyo, Japan
36.	Nov. 06, 1978	West Virginia University	Morgantown, NV
37.	May 22, 1979	ACS Short Course	Chicago, IL
38.	June 27, 1979	University of Texas	Austin, TX
39.	June 28, 1979	University of Texas	Austin, TX
40.	Aug. 27, 1979	ACS Short Course	New York City, NY
41.	Sept. 06, 1979	German Pharmacology Soc.	Munich, W. Germany
42.	Oct. 11, 1979	University of Kentucky	Lexington, KY
43.	Oct. 16, 1979	Michigan State University	East Lansing, MI
44.	Dec. 04, 1979	ACS Short Course	Houston, TX
45.	Dec. 05, 1979	University of Arizona	Tucson, AZ
46.	Jan. 14, 1980	University of Washington	Seattle, WA
47.	Feb. 06, 1980	University of Western Ontario	London, Ontario, Canada
48.	Mar. 09, 1980	SOT Training Session	Washington, DC
49.	Mar. 21, 1980	Amer. Soc. Clin. Pharm.	San Francisco, CA
50.	Mar. 25, 1980	University of Minnesota	Minneapolis, MN
51.	May 01, 1980	Thomas Jefferson University	Philadelphia, PA
52.	May 05, 1980	ACS Short Course	Washington, DC
53.	June 3-27, 1980	Washington State University	Pullman, WA
54.	July 16, 1980	2 nd Intern. Reactive Intermediate	Guildford, England
55.	July 22, 1980	Gastrointestinal Defense Mechanism	Pecs, Hungary
56.	Sept. 15, 1980	ACS Short Course	New York City, NY
57.	Sept. 23, 1980	Searle Labs	Chicago, IL
58.	Dec. 10, 1980	ACS Short Course	Atlanta, GA
59.	Jan. 30, 1981	Philadelphia College of Pharmacy	Philadelphia, PA
60.	Mar. 02, 1981	Society of Toxicology	San Diego, CA
61.	Mar. 17, 1981	International Workshop on the Treatment of Liver Disease	Crans-Montana, Switz.
62.	Mar. 25, 1981	International Metallothionein Meeting	Cincinnati, OH
63.	May 01, 1981	Thomas Jefferson Med. Sch.	Philadelphia, PA
64.	May 06, 1981	ACS Short Course	Washington, DC
65.	May 11, 1981	University of Iowa	Iowa City, IA
66.	June 11, 1981	Communicable Disease Center	Atlanta, GA
67.	June 13, 1981	Mid-Atlantic Toxicology Society	Princeton, NJ
68.	Aug. 26, 1981	University Wisconsin-Parkside	Kenosha, WI
69.	Oct. 09, 1981	Indiana University	Indianapolis, IN
70.	Oct. 19, 1981	ACS and Industrial Hygiene Assoc.	Kansas City, MO
71.	Oct. 28, 1981	ACS Short Course	Chicago, IL
72.	Nov. 17, 1981	Institute for Cell Research	Valencia, Spain
73.	Nov. 19, 1981	International Workshop on Lead Poisoning	Castellon, Spain
74.	Dec. 13, 1981	Queen's University	Kingston, Ont., Canada
75.	Jan. 06, 1982	University of Arizona	Tucson, AZ
76.	Feb. 10, 1982	Shell Development Company	Houston, TX
77.	Mar. 17, 1982	University of Texas	Galveston, TX

78.	Mar 27-29, 1982	Environmental Management Workshop	Cairo, Egypt
79.	May 14, 1982	Johns Hopkins	Baltimore, MD
80.	May 24-26, 1982	University of Rochester	Rochester, NY
81.	Sept. 23, 1982	North Jersey Drug Metabolism	Somerset, NJ
82.	Sept. 28, 1982	Oklahoma State University	Stillwater, OK
83.	Oct. 11, 1982	Iowa State University	Ames, IA
84.	Oct. 19, 1982	Duke University	Durham, NC
85.	Oct. 27, 1982	ACS Short Course	Chicago, IL
86.	Dec. 06, 1982	Univ. Nebraska Medical Center	Omaha, NE
87.	Feb. 16, 1983	Procter and Gamble Company	Cincinnati, OH
88.	Feb. 22, 1983	Hoffmann LaRoche	Nutley, NJ
89.	Feb. 23, 1983	Rutgers University	Piscataway, NJ
90.	Mar. 03, 1983	University of Utah	Salt Lake City, UT
91.	Mar. 29, 1983	Vanderbilt University	Nashville, TN
92.	Mar. 30-31, 1983	University of Oklahoma Med. Ctr.	Oklahoma City, OK
93.	May 04, 1983	University of Kentucky	Lexington, KY
94.	May 18, 1983	Metallothionein & Cadmium Nephrotoxicity Conference	Res. Triangle Park, NC
95.	May 18, 1983	Environmental Protection Agency	Res. Triangle Park, NC
96.	May 23, 1983	Smith, Kline & French	Philadelphia, PA
97.	June 15, 1983	Environmental Trace Substances Meeting	Columbia, MO
97.	July 21, 1983	Zyma	Munich, W. Germany
98.	July 22, 1983	Inst. of Radiation & Environ. Res.	Neuherberg, W. Germany
99.	July 25, 1983	Lubeck Medical School	Lubeck, W. Germany
100.	July 27, 1983	Bayer	Wuppertal, W. Germany
101.	July 29, 1983	Hospital Beaujon	Paris, France
102.	Aug. 31, 1983	ACS Short Course	Washington, DC
103.	Sept. 12, 1983	5 th International Gstaad Symposium	Gstaad, Switzerland
104.	Sept. 16, 1983	Searle	Sophia Antipolis, France
105.	Dec. 20, 1983	VA Hospital	Kansas City, MO
106.	Mar. 19, 1984	Procter and Gamble	Cincinnati, OH
107.	Apr. 10, 1984	ACS Short Course	St. Louis, MO
108.	May 10, 1984	Chicago Regional SOT Meeting	Chicago, IL
109.	May 11, 1984	Medical College of Wisconsin	Milwaukee, WI
110.	June 01, 1984	Falk Intern. Glucuronidation Meeting	Titisee, W. Germany
111.	June 05, 1984	Tissue Culture Meeting	Houston, TX
112.	June 06, 1984	Environmental Trace Substances Meeting	Columbia, MO
113.	June 19, 1984	Syntex	Palo Alto, CA
114.	Aug. 28, 1984	ACS Short Course	Philadelphia, PA
115.	Oct. 12, 1984	Abbott Labs	North Chicago, IL
116.	Oct. 18, 1984	University of Nebraska Medical Ctr.	Omaha, NE
117.	Nov. 12, 1984	Indiana University	Bloomington, IN
118.	Jan. 28, 1985	Merck Sharp & Dohme	West Point, PA
119.	Feb. 4-8, 1985	New Mexico State University	Las Cruces, NM
120.	Feb. 12, 1985	Toxicology for the Forest Service	Albuquerque, NM
121.	Mar. 21, 1985	Society of Toxicology Symposium	San Diego, CA
122.	Apr. 17, 1985	American Occupational Hlth. Symposium	Kansas City, MO
123.	May 13, 1985	University of Nebraska Medical Ctr.	Omaha, NE
124.	Aug. 06, 1985	AACT/AAPCC/ABMT/CAPCC Annual Scientific Meeting	Kansas City, MO

125.	Aug. 15, 1985	American Society of Animal Science Annual Meeting	Athens, GA
126.	Aug. 21, 1985	Second International Metallothionein Meeting	Zurich, Switzerland
127.	Sept. 10, 1985	ACS Short Course	Chicago, IL
128.	Sept. 18, 1985	DuPont-Haskell Laboratory	Newark, DE
129.	Sept. 20, 1985	ACS Short Course	Chicago, IL
130.	Oct. 02, 1985	Environmental Protection Agency	Washington, DC
131.	Oct. 04, 1985	American Water Works Association's Water Utility Council	Washington, DC
132.	Feb. 11, 1986	Toxicology for the Forest Service	Sacramento, CA
133.	Mar. 25, 1986	University of Wisconsin	Madison, WI
134.	Apr. 03, 1986	Warner Lambert/Parke Davis	Ann Arbor, MI
135.	Apr. 15, 1986	ACS Short Course	New York, NY
136.	May 21, 1986	Oregon State University	Corvallis, OR
137.	June 03, 1986	Env. Trace Substances Meeting	Columbia, MD
138.	Aug 26-27, 1986	Environmental Protection Agency	Washington, DC
139.	Sept. 09, 1986	ACS Short Course	Anaheim, CA
140.	Sept. 22, 1986	American Water Works Service	Collinsville, IL
141.	Oct. 14, 1986	Wartburg College	Waverly, IA
142.	Oct. 20-21, 1986	Environmental Protect. Ag. (Region IV)	Tallahassee, FL
143.	Oct. 28-29, 1986	Environmental Protect. Ag. (Region V)	Chicago, IL
144.	Nov. 5-6, 1986	Environmental Protect. Ag. (Region III)	Charleston, WV
145.	Dec. 01, 1986	American Water Works Service	Collinsville, IL
146.	Dec. 9-10, 1986	Environ. Protect. Ag. (Region VIII)	Denver, CO
147.	Jan. 16, 1987	Kirksville College of Osteopathic Med.	Kirksville, MO
148.	Feb. 05, 1987	Argonne National Laboratory	Argonne, IL
149.	Feb. 10, 1987	Toxicology for the Forest Service	Atlanta, GA
150.	Feb. 25, 1987	Society of Toxicology; Burroughs Wellcome Lecture	Washington, DC
151.	Mar. 16, 17, 1987	Environmental Protect. Ag. (Region VI)	Dallas, TX
152.	Mar. 18, 19, 1987	Environmental Protect. Ag. (Region VII)	Kansas City, MO
153.	Mar. 30, 31, 1987	Environmental Protect. Ag. (Region IX)	Oakland, CA
154.	Apr. 1, 2, 1987	Environmental Protect. Ag. (Region X)	Portland, OR
155.	Apr 20, 21, 1987	Environmental Protect. Ag. (Region II)	Albany, NY
156.	Apr 22, 23, 1987	Environmental Protect. Ag. (Region I)	Windsor Locks, CT
157.	June 01, 1987	International Symposium of the Society of Toxicologic Pathology	Philadelphia, PA
158.	June 16, 1987	ACS Short Course	Cincinnati, OH
159.	July 09, 1987	The Upjohn Company	Kalamazoo, MI
160.	Aug. 19, 1987	The Upjohn Company	Kalamazoo, MI
161.	Oct. 06, 1987	University of Iowa	Iowa City, IA
162.	Oct. 07, 1987	Iowa Section of ACS	Waverly, IA
163.	Oct. 22, 1987	Florida A&M University	Tallahassee, FL
164.	Oct. 28, 1987	Univ. Cincinnati	Cincinnati, OH
165.	Nov. 05, 1987	PHS/Federal Employee Occupational Health-Supervisory Nurse Meeting	Kansas City, MO
166.	Nov. 17, 1987	University of Toledo	Toledo, OH
167.	Nov. 19, 1987	Toledo Medical School	Toledo, OH
168.	Dec. 01, 1987	Toxicology for Environmental Health Professionals	Atlanta, GA
169.	Feb. 17, 1988	Society of Toxicology Symposium	Dallas, TX
170.	Mar. 14, 1988	Lenoir-Rhyne College	Hickory, NC

171.	Mar. 24, 1988	East Carolina University	Greenville, NC
172.	Mar 28-29, 1988	Environmental Protect. Ag. (Region IX)	Anaheim, CA
173.	Apr. 05, 1988	Memorial University	St John's, Newfoundland
174.	April 13, 1988	Medical College of Virginia	Richmond, VA
175.	Apr. 18, 1988	Environmental Protec. Ag. (Region VII)	St. Louis, MO
176.	Apr. 26, 1988	Merck, Sharp & Dohme-Chibert	Riom, France
177.	Apr. 27, 1988	International Symposium on Cellular and Molecular Aspects of Glucuronidation	Montpellier, France
178.	May 06, 1988	University of Munich	Munich, Germany
179.	May 09, 1988	International Symposium on Hepatic Transport of Organic Solutes	Tegernsee, Germany
180.	June 01, 1988	ACS Short Course	Clearwater, FL
181.	Aug. 22, 1988	ACS Short Course	Philadelphia, PA
182.	Sept. 20, 1988	First International Meeting on Molecular Mechanisms of Metal Toxicity and Carcinogenicity	Urbino, Italy
183.	Sept. 22, 1988	Universita Perugia	Perugia, Italy
184.	Oct. 12, 1988	Kansas Public Health Assn. And Kansas Department of Health and Environment	Manhattan, KS
185.	Nov. 07, 1988	University of California	San Francisco, CA
186.	Nov. 16, 1988	ACS Short Course	Clearwater, FL
187.	Dec. 03, 1988	Korean Society of Toxicology	Seoul, Korea
188.	Dec. 05, 1988	Korean Advanced Institute of Science and Technology	Chongyangni, Korea
189.	Dec. 07, 1988	University of Tokyo	Tokyo, Japan
190.	Dec. 08, 1988	National Institute of Hygienic Sciences	Tokyo, Japan
191.	Jan. 17, 1989	Abbott Laboratories	North Chicago, IL
192.	Jan. 18, 1989	NutraSweet	Deerfield, IL
193.	Jan. 24, 1989	Interex-Merck, Sharp & Dohme	Lawrence, KS
194.	Jan. 27, 1989	University of Toronto	Toronto, Canada
195.	Mar. 29, 1989	Dartmouth Medical School	Hanover, NH
196.	May 1-2, 1989	Environmental Protect. Ag. (Region X)	Eugene, OR
197.	Aug.16-17, 1989	Environmental Protect. Ag. (Region I)	Framingham, MA
198.	Oct. 11, 1989	Eastman Kodak	Rochester, NY
199.	Oct. 23-25, 1989	Indiana Univ. Sch. Med.	Indianapolis, IN
200.	Nov. 07, 1989	Environmental Protect. Ag. (Region VI)	New Orleans, LA
201.	Nov. 16, 198	American Water Works Assoc.	Denver, CO
202.	Nov. 29, 1989	ACS Short Course	Clearwater, FL
203.	Dec. 07, 1989	American Water Works Assoc.	Washington, DC
204.	Dec. 11, 1989	Metallothionein in Biology & Medicine	Honolulu, HI
205.	Feb. 21, 1990	ACS Short Course	San Diego, CA
206.	Apr. 16, 1990	American Industrial Hygiene Assoc. (Mid-America Section)	Kansas City, MO
207.	May 14, 1990	American Assoc. of Pharm. Sci.	Chicago, IL
208.	May 23, 1990	University of Helsinki	Helsinki, Finland
209.	May 25, 1990	Finnish Society of Toxicology	Tampere, Finland
210.	May 28, 1990	Finnish National Pub. Hlth. Institute	Kuopio, Finland
211.	June 01, 1990	University of Milan	Milan, Italy
212.	June 04, 1990	University of Pisa	Pisa, Italy
213.	June 08, 1990	Catholic University	Rome, Italy
214.	June 11, 1990	Institute of Radiation and Environmental Research	Neuherberg, W. Germany

215.	June 28, 1990	Environmental Protect. Ag. (Region IV)	Charlotte, NC
216.	Oct. 17, 1990	Duke University	Durham, NC
217.	Oct. 18, 1990	Med-Act Emergency Medical Service	Overland Park, KS
218.	Oct. 19, 1990	Allegheny-Erie Regional SOT Chapter	Youngstown, OH
219.	Oct. 23, 1990	Health Effects of Combustion By-Products Meeting	Bethesda, MD
220.	Nov. 01, 1990	Schering Research	Morristown, NJ
221.	Nov. 27, 1990	Kansas Safety & Health Conference	Overland Park, KS
222.	Nov. 28, 1990	ACS Short Course	Clearwater, FL
223.	Dec. 17, 1990	University of South Florida	Tampa, FL
224.	Jan. 03, 1991	Parke Davis	Ann Arbor, MI
225.	Jan. 22, 1991	Kansas City Drug Metabolism Group	Overland Park, KS
226.	Jan. 24, 1991	National Capital Area Chapter Society of Toxicology	Arlington, VA
227.	Jan. 30, 1991	University of Alabama—Birmingham	Birmingham, AL
228.	Feb. 13, 1991	University of Washington	Seattle, WA
229.	Feb. 27, 1991	Society of Toxicology	Dallas, TX
230.	Mar. 27, 1991	Second International Congress on Toxic Combustion By-Products	Salt Lake City, UT
231.	Apr. 02, 1991	ACS - Short Course	New Orleans, LA
232.	Apr. 05, 1991	University of Connecticut	Storrs, CT
233.	May 07, 1991	Env. Protection Agency (Region VI)	Alexandria, LA
234.	June 17, 1991	Georgia Institute of Technology	Atlanta, GA
235.	June 28, 1991	Third International ISSX Meeting	Amsterdam, Netherlands
236.	Aug. 06, 1991	ACS - Toxicology Mechanisms	Washington, DC
237.	Aug. 12-13, 1991	American Industrial Hygiene Assoc.	San Diego, CA
238.	Sept. 04, 1991	Pharmacy World Congress	Washington, DC
239.	Nov. 12, 1991	ACS - Short Course	Clearwater, FL
240.	Nov. 18-19, 1991	“Possible Role of Metallothionein in Carcinogenesis”	Lake Lanier Islands, GA
241.	Dec. 03, 1991	“Genetic and Environmental Influence on Aging in Man and Laboratory Animals”	Catania, Sicily
242.	Jan. 15, 1992	International Life Science Institute Meeting (HESI/RSI Scientific Program)	Miami Beach, FL
243.	Feb. 06, 1992	Medical College of Virginia	Richmond, VA
244.	Apr. 06, 1992	ACS - Short Course	Newport Beach, CA
245.	Apr. 06, 1992	Allergan	Irvine, CA
246.	Apr. 07, 1992	ACS - Environmental Epidemiology Pedagogical Symposium	San Francisco, CA
247.	May 06, 1992	Food and Drug Administration	Rockville, MD
248.	June 1, 1992	Univ. of Oklahoma Med. Ctr. Symposium	Oklahoma City, OK
249.	June 16, 1992	Assuring Drinking Water Safety	Washington, DC
250.	June 23, 1992	University of Leiden	Leiden, Netherlands
251.	June 24, 1992	University of Amsterdam	Amsterdam, Netherlands
252.	June 25, 1992	University of Utrecht	Utrecht, Netherlands
253.	July 22, 1992	Louisiana Universities Marine Consortium	Cocodrie, LA
254.	Aug. 4, 1992	ACS-Toxicology Mechanisms	Washington, DC
255.	Aug 10-11, 1992	American Industrial Hygiene Assoc.	San Diego, CA
256.	Aug. 28, 1992	IUTOX-RASS IV (Risk Assessment Summer School)	Bermuda
257.	Sept. 12, 1992	The Philip Hockstra Jr. Memorial Lecture: Great Lakes Association of	

258.	Sept. 30, 1992	Clinical Medicine Genetic and Environmental Influence On Aging in Man and Laboratory Animals	Grand Rapids, MI
259.	Nov. 11, 1992	Cornell University	Catania, Sicily
260.	Nov. 17, 1992	Short Course ACS	Ithaca, NY
261.	Nov. 18, 1992	Toxicology Mechanisms ACS	Clearwater, FL
262.	Dec. 8, 1992	Third International Metallothionein Meeting	Clearwater, FL
263.	Dec. 11, 1992	Keio University	Tsukuba, Japan
264.	Dec. 11, 1992	Showa University	Tokyo, Japan
265.	Dec. 11, 1992	Japanese Society of Toxicology	Tokyo, Japan
266.	Dec. 14, 1992	Nara Medical University	Tokyo, Japan
267.	Dec. 15, 1992	Sumitomo Chemical Company	Nara, Japan
268.	Jan 14, 1993	Second International Meeting on Molecular Mechanisms of Metal Toxicity and Carcinogenicity	Osaka, Japan
269.	Mar. 14, 1993	Educational Program for Minority Students, Society of Toxicology	Madonna di Campiglio, It
270.	Mar. 18, 1993	Role of Metallothionein in Carcinogenesis Symposium, Society of Toxicology	New Orleans, LA
271.	Mar. 29, 1993	ACS - Toxicology Short Course	New Orleans, LA
272.	Apr. 12, 1993	University of Nebraska	Charleston, SC
273.	April 16, 1993	University of Kansas	Lincoln, NE
274.	June 4, 1993	Second International Workshop on Sulfation of Xenobiotics and Endogenous Compounds	Lawrence, KS
275.	July 23, 1993	Fifth Asean Conference in Medical Laboratory Technology	Ardmore, OK
276.	Aug. 2, 1993	ACS - Toxicology Mechanisms	Jakarta, Indonesia
277.	Sept. 6, 1993	MRC Toxicology Unit	Washington, DC
278.	Sept. 8, 1993	Zeneca	Lancaster, United Kingdcm
279.	Sept. 13 1993	Glucuronidation Workshop	Alderly Park, UK
280.	Sept. 20-21, 1993	Univ. of Pécs Medical School	Pitlochry, Scotland
281.	Sept. 22, 1993		Pécs, Hungary
282.	Sept. 23, 1993	Institute of Radiation and Environmental Research	Budapest, Hungary
283.	Sept. 27, 1993	National Institute of Public Health	Neuherberg, Germany
284.	Oct. 4, 1993	University of Zurich	Prague, Czechoslovakia
285.	Oct. 6, 1993	University of Berne	Schwerzenbach, Switzerl
286.	Oct. 15, 1993	Wartburg College	Berne, Switzerland
287.	Nov. 9, 1993	ACS Course	Waverly, IA
288.	Nov. 10, 1993	ACS-Toxicology Mechanisms	Clearwater, FL
289.	Dec. 20, 1993	University of Cincinnati	Clearwater, FL
290.	Mar. 3-4, 1994	University of California	Cincinnati, OH
291.	Mar. 21, 1994	ACS-Short Course	Davis, CA
292.	Apr. 14-15, 1994	American Water Works Assn. Kansas Section	New Orleans, LA
293.	May 20, 1994	Third International Symposium on Metal Ions in Biology and Medicine	Lawrence, KS
294.	May 26, 1994	Wayne State University	Montreal, Canada
295.	May 30, 1994	Chinese Society of Toxicology	Detroit, MI
			Beijing, P.R. China

296.	May 30, 1994	Institute of Pharmacology and Toxicology, Academy of Military Sciences	Beijing, P.R. China
297.	June 1, 1994	Institute of Materia Medica Chinese Academy of Medical Sciences	Beijing, P.R. China
298.	June 2, 1994	Department of Biology and Molecular Biology, Peking University	Beijing, P.R. China
299.	June 3, 1994	Department of Toxicology, Fourth Military Medical University	Xian, P.R. China
300.	June 6, 1994	Shanghai Institute of Labor, Hygiene and Occupational Diseases	Shanghai, P.R. China
301.	July 6, 1994	Mount Desert Island Biological Laboratory	Salsbury Cove, Maine
302.	Aug. 2, 1994	ACS -Toxicology Mechanisms	Washington, DC
303.	Aug 15-16, 1994	American Industrial Hygiene Association	Baltimore, MD
304.	Sept. 6-9, 1994	National Institute of Public Health	Prague, Czech
305.	Nov 1, 1994	ACS-Toxicology Mechanisms	Clearwater, FL
306.	Nov 2, 1994	ACS-Toxicology Short Course	Clearwater, FL
307.	Feb 17, 1995	University of Montreal	Montreal, Queb., Canada
308.	Mar 5, 1995	Society of Toxicology (Cont Educ)	Baltimore, MD
309.	Apr 5, 1995	Agency for Toxic Substances and Disease Registry	Atlanta, GA
310.	July 2, 1995	International Congress of Toxicology-VII	Seattle, WA
311.	Aug. 8, 1995	ACS-Toxicology Mechanisms	Washington, DC
312.	Sept. 15, 1995	University of Iowa	Iowa City, IA
313.	Oct. 12, 1995	Lilly Research Laboratories	Greenfield, IN
314.	Oct. 13, 1995	Indiana University	Indianapolis, IN
315.	Oct. 25, 1995	Disinfection By-products in Drinking Water: Critical Issues in Health Effects Research	Chapel Hill, NC
316.	Nov. 19, 1995	3 rd International Meeting of Toxicology in Developing Countries	Cairo, Egypt
317.	Nov. 28, 1995	ACS-Toxicology Short Course	Clearwater, FL
318.	Nov. 29, 1995	Dartmouth College	Hanover, NH
319.	Feb. 20, 1996	Toxicology Forum	Washington, DC
320.	Feb. 23, 1996	Chariton Rotary	Chariton, IA
321.	March 11, 1996	Society of Toxicology-Symposium	Anaheim, CA
322.	April 17, 1996	Xavier University of New Orleans	New Orleans, LA
323.	April 27, 1996	International Symposium on "Trends In Biopharmaceutical and Toxicological Sciences"	Seoul, Korea
324.	May 19-22, 1996	VIIIth International Workshop on Glucuronidation and the UDP-Glucuronosyltransferases	Iowa City, IA
325.	May 27, 1996	ACS-Toxicology Short Course	Charleston, SC
326.	Aug. 7, 1996	ACS-Toxicology Mechanisms	Washington, DC
327.	Sept. 21, 1996	Third International Sulfation Workshop	Drymen, Scotland
328.	Sept. 23, 1996	Imperial College School of Medicine At St. Mary's	London, England
329.	Sept. 24, 1996	Royal Postgraduate Medical School	London, England
330.	Oct. 10, 1996	PhRMA/FDA Workshop	Rockville, MD

331.	Nov. 12, 1996	Third BELLE Conference on Toxicological Defense Mechanisms and the Shapes of Dose-Response Relationships	RTP, NC
332.	Nov. 13, 1996	ACS-Toxicology Short Course	Clearwater, FL
333.	Feb. 17-22, 1997	First International Workshop on Basic Mechanisms in Toxicology and Their Application to Risk Assessment	Sao Paulo, Brazil
334.	March 9, 1997	Society of Toxicology, Continuing Education	Cincinnati, OH
335.	March 18, 1997	ACS-Toxicology Short Course	San Francisco, CA
336.	June 27, 1997	University of Tokyo	Tokyo, Japan
337.	July 1, 1997	ASIATOX	Yokohama, Japan
338.	Aug 27, 1997	ACS-Mechanisms of Toxicology	Washington, DC
339.	Sept 17-20, 1997	International MT-97 Meeting	Kansas City, MO
340.	Nov 2-6, 1997	Tenth Brazilian Society of Toxicology	Salvador, Brazil
341.	Dec 2, 1997	ACS-Toxicology Short Course	New Orleans, LA
342.	Jan 11, 1998	Israeli Society of Toxicology	Jerusalem, Israel
343.	Feb. 11, 1998	HESI Workshop on the "Identification of New and Uncharacterized Disinfection By-Products in Drinking Water"	Washington, DC
344.	May 12, 1998	Chemical Industry Institute of Toxicology	RTP, NC
345.	June 5, 1998	Central States Chapter of The Society of Toxicology	Omaha, NE
346.	July 2, 1998	Karolinska Institute	Stockholm, Sweden
347.	Sept 21-25, 1998	First International Workshop on Toxicology and Risk Assessment in Developing Countries	Buenos Aires, Argentina
348.	Oct 22, 1998	Ninth International Workshop on Glucuronidation and the UDP-Glucosyltransferases	Brisbane, Australia
349.	Nov 2, 1998	ACS Toxicology Short Course	Charleston, SC
350.	Dec 10, 1998	Phase-1 Molecular Toxicology	Santa Fe, NM
351.	Feb 8, 1999	Axiom	San Diego, CA
352.	Feb 11, 1999	EPA Evaluation of Ammonium Perchlorate	San Bernardino, CA
353.	Mar 9, 1999	Iowa State University	Ames, IA
354.	Mar 26, 1999	University of Florida	Gainesville, FL
355.	May 6, 1999	Mid-Atlantic Society of Toxicology	Sommerset, NJ
356.	Sept 8, 1999	University of Alberta	Edmonton, Alberta, Canada
357.	Sept. 14, 1999	University of Kansas (Pharm Chem)	Lawrence, KS
358.	Nov. 9, 1999	Fourth International Meeting of Toxicology in Developing Countries	Antalya, Turkey
359.	Nov. 16, 1999	Second International Conference on The Safety of Water Disinfection: Balancing Chemical and Microbial Risk	Miami, FL
360.	Jan. 20, 2000	University of Massachusetts (Biological Effects of Low Level Exposure [BELLE] Symposium on Hormesis)	Amherst, MA
361.	Mar 15, 2000	University of Missouri	Kansas City, MO
362.	Mar 31, 2000	University of Michigan	Ann Arbor, MI
363.	April 6, 2000	National Institute of Environmental Health Sciences	RTP, NC

364.	June 26, 2000	Society of Toxicological Pathologists	Phoenix, AZ
365.	Aug. 8, 2000	Pharmacia	Skokie, IL
366.	Aug. 15, 2000	Aventis	Bridgewater, NJ
367.	Sept 15, 2000	SCOPE Meeting on Cadmium in the Environment	Brussels, Belgium
368.	Jan. 9, 2001	University of Alabama at Birmingham	Birmingham, AL
369.	Jan. 16, 2001	Rutgers University	Piscataway, NJ
370.	Feb. 7, 2001	University of Arizona	Tucson, AZ
371.	Mar. 16, 2001	Society of Toxicology	San Francisco, CA
372.	May 16, 2001	Allergan	Irvine, CA
373.	June 12, 2001	Dow Chemical Company	Midland, MI
374.	June 14, 2001	Merck Sharp & Dohme	Rahway, NJ
375.	June 15, 2001	Merck Sharp & Dohme	West Point, PA
376.	Sept 2, 2001	Third International Meeting of Molecular Mechanisms of Metal Toxicity and Carcinogenicity	
377.	Oct. 17, 2001	Aventis	Sardegna, Italy
378.	Dec. 5, 2001	American College of Toxicology	East Millstone, NJ
379.	Sept 23, 2002	Symposium: Thyroid Hormone and Brain Development: Translating Molecular Mechanisms to Population Risk	Washington, DC RTP, NC
380.	Nov. 7, 2002	Chung-Ang University	Seoul, Korea
381.	Nov. 8, 2002	Korean Society of Toxicology	Seoul, Korea
382.	Dec. 2, 2002	China-Japan Joint Congress on Toxicology and Pharmacology	Chenzhen, China
383.	Feb. 12, 2003	AAPS Workshop on "Drug Transport"	Peachtree, GA
384.	Feb. 21, 2003	University of Oklahoma Medical Center	Oklahoma City, OK
385.	February 27, 2003	National Institute of Environmental Health	RTP, NC
386.	April 8, 2003	University of California at Los Angeles	Los Angeles, CA
387.	June 30, 2003	North Jersey Drug Metabolism Discussion Group Symposium	
388.	July 1, 2003	Bristol-Myers Squibb Co.	Somerset, NJ
389.	Oct 17, 2003	Georgetown University	Princeton, NJ
390.	Oct 23, 2003	AAPS Symposium	Washington, DC
391.	Dec 3, 2003	Univ Michigan	Salt Lake City, UT
392.	Dec 4, 2003	Pfizer, Inc.	Ann Arbor, MI
393.	April 13, 2004	Department of Defense, NASA	Ann Arbor, MI
394.	May 24, 2004	National Academy of Sciences	Washington, DC
395.	June 9, 2004	Toxicology Peer Review Board Seminar	Washington, DC
396.	July 19, 2004	University of Lubeck	APG, MD
397.	July 23, 2004	University of Mainz	Lubeck, Germany
398.	Sept 2, 2004	ISSX Symposium	Mainz, Germany
399.	Sept 8, 2004	Glucuronidation Workshop	Vancouver, Canada
400.	Feb 23, 2005	Ohio Valley SOT	Dundee, Scotland
401.	Mar 9, 2005	Society of Toxicology Symposium	Virtual Seminar
402.	March 9, 2005	Society of Toxicology Symposium	New Orleans, LA
403.	April 18, 2005	Wyeth Laboratories	New Orleans, LA
404.	April 19, 2005	University of Montreal	Chazy, NY
405.	May 2, 2005	Schering Plough	Montreal, Canada
406.	Oct 10, 2005	Fifth International Conference on Metallothionein	Lafayette, NJ
407.	Mar 5, 2006	Society of Toxicology Continuing Education	Beijing, China
408.	July 25, 2006	Gordon Conference on Mechanisms of Toxicity	San Diego, CA
409.	Sept 13, 2006	Allergan	Waterville, ME Irvine, CA

410.	Oct 20, 2006	Midwest Regional SOT Meeting	Milwaukee, WI
411.	Jan 15, 2007	Indiana Univ Sch of Med, Seminar	Indianapolis, IN
412.	Feb 1, 2007	Sumitomo Chemical Co.	Osaka, Japan
413.	Feb 2, 2007	Fourth International Nuclear Receptor Meeting	Osaka, Japan
414.	Feb 13, 2007	AMSPC Meeting	Quito, Ecuador
415.	Apr 14, 2007	Iowa State University	Ames, IA
416.	Oct 8-12, 2007	India Society of Toxicology	Bangalore, India
417.	Nov 13, 2007	Cadmium Symposium	Cologne, Germany
418.	Nov 16, 2007	Schering Plough	Lafayette, NJ
419.	April 6, 2008	B.B. Brodie Lecture-ASPET	San Diego, CA
420.	May 16, 2008	HAB (Human-Animal Bridge) Research Meeting	Tokyo, Japan
421.	June 5, 2008	American Conference Governmental Hygienists	Minneapolis, MN
422.	Aug 20, 2008	University of Kansas-Pharmacology Dept.	Lawrence, KS
423.	August 26, 2008	National Academy of Science	Washington, DC
424.	Sept 23, 2008	United States Pharmacopeia	Kansas City, MO
425.	March 15, 2009	Society of Toxicology Continuing Education	Baltimore, MD
426.	March 30, 2009	AAPS Workshop: Drug Transporters in ADME	Baltimore, MD
427.	July 5, 2009	Japanese Society of Toxicology	Moriko, Iwate, Japan
428.	Sept 11, 2009	ASIATOX	Taipei, Taiwan
429.	Oct 2, 2009	Central States SOT	Ames, IA
430.	Oct 14, 2009	University of Michigan	Ann Arbor, MI
431.	Oct 20, 2009	ISSX Symposium	Baltimore, MD
432.	Nov 20, 2009	University of Missouri, Kansas City	Kansas City, MO
433.	March 10, 2010	SOT Symposium	Salt Lake City, UT
434.	June 7, 2010	AstraZeneca	Wilmington, DE
435.	June 8, 2010	Delaware Valley Drug Metabolism Discussion Group	Langhorne, PA
436.	July 13, 2010	The Toxicology Forum	Aspen, CO
437.	Oct 13, 2010	Johnson County Young Matrons	Overland Park, KS
438.	Nov. 4, 2010	University Southern California	Los Angeles, CA
439.	Mar 8, 2011	SOT Symposium (Circadian clock)	Washington, DC
440.	Mar 9, 2011	SOT Symposium (Nrf2)	Washington, DC
441.	Nov 17, 2011	Chinese National Conference on Pharmacogenomics	Changsha, China
442.	Nov 20, 2011	Zunyi Medical College	Zunyi, China
443.	Nov 21, 2011	Guiyang Medical College	Guiyang, China
444.	Nov 23, 2011	Fudan University	Shanghai, China
445.	Feb 28, 2011	Lilly Pharmaceutical	Indianapolis, IN
446.	Mar 12, 2012	SOT Merit Award Lecture	San Francisco, CA
447.	Mar 30, 2011	University of Connecticut	Storrs, CT
448.	Dec 2, 2013	Queen's University	Kingston, ON, Canada
449.	Apr 26, 2014	Experimental Biology Meeting	San Diego, CA
450.	Oct 20, 2015	Tianjin University	Tianjin, China
451.	Oct 23, 2015	Zunyi Medical College	Zunyi, Guizhou, China
452.	Oct 24, 2015	Zunyi Medical College	Zunyi, Guizhou, China
453.	Oct 26, 2015	Chinese Society of Toxicology	Wuhan, Hubei, China
454.	Oct 30, 2015	Tsinghua University	Beijing, China

NATIONAL AND INTERNATIONAL RESEARCH SUPPORT (direct costs):

Previous:

1. GM-30996 (01-03), 1965-1968. NIH Individual Predoctoral Fellowship, \$16,800.

2. GM-15956 (01-05), 1968-1972. Factors Affecting the Responses to Drugs. D. Azarnoff, Principal Investigator, \$1,624,114.
3. AM-14513 (01-03), 1970-1973. Biliary Excretion in Neonatal Toxicology, \$59,894.
4. GM-30996 (01-05), 1971-1976. Career Development Award—Biliary Flow and Excretion of Drugs, \$98,700.
5. AM-14513 (04-08), 1973-1977. Biliary Excretion in Neonatal Toxicology, \$169,195.
6. GM-15956 (06-10), 1973-1977. Factors Affecting the Responses to Drugs. D. Azarnoff, Principal Investigator, \$2,264,272.
7. ES-01142 (01-05), 1975-1980. Cadmium Toxicology, \$190,746.
8. GM-15956 (11-13), 1978-1980. Factors Affecting the Responses to Drugs. D. Azarnoff- Principal Investigator, \$947,679.
9. AM-14513 (09-13), 1978-1983. Hepatic Uptake and Biliary Excretion in Toxicology, \$262,123.
10. ES-07079 (01-05), 1979-1984. Training Program in Environmental Toxicology, \$506,543.
11. ES-01142 (06-08), 1980-1983. Cadmium Toxicology, \$183,559.
12. ES-01142 (09-13), 1983-1988. Cadmium Toxicology, \$428,489.
13. ES-03192 (14-18), 1983-1988. Hepatic Uptake and Biliary Excretion in Toxicology, \$454,810.
14. ES-07079 (06-10), 1984-1989. Training Program in Environmental Toxicology, \$695,477.
15. ES-03192 (19-21), 1989-1993. Hepatobiliary Disposition in Toxicology, \$376,378.
16. International Life Science Institute (01-02), 1990-1992. Risk Assessment of Thyroid Function, \$100,000
17. ES-01142 (14-18), 1988-1994. Cadmium Toxicology, \$810,303.
18. ES-07079 (11-15), 1989-1994. Training Program in Environmental Toxicology, \$754,719.
19. ES-07079 (Supplement), 1991-1994. Short-term Training Students in Health Science Profession, \$12,875.
20. US-Hungarian Joint Fund (1-3), 1991-1994. Importance of Glycine Conjugation in Drug and Environmental Toxicology. \$42,200 and FOR 2,213,000.
21. ES-05704 (01-05), 1991-1996. Environmental Toxicology Using Transgenic Mouse Models. G. Andrews, Principal Investigator, \$837,957.
22. ES-03192 (22-25), 1993-1997. Hepatobiliary Disposition in Toxicology, \$642,242.
23. ES-01142 (19-22), 1994-1997. Cadmium Toxicology, \$502,788.
24. US-Hungarian Joint Fund (4-6), 1994-1997. Glycine Conjugation. \$31,900 and FOR 3,000,000.
25. ES-07079 (16-20), 1994-1999. Training Program in Environmental Toxicology, \$891,556.
26. EPA-R826297, (1-3), 1997-2001. Endocrine Disruptors: Effects on the Thyroid, \$594,660
27. ES-08156, (1-3), 1998-2001. Environmental Hormones: Effect on Thyroid Function, \$408,285.
28. ES-01142 (22-25), 1998-2001. Cadmium Toxicology, \$365,161.
29. ES-03192 (26-30), 1999-2004. Hepatobiliary Disposition in Toxicology, \$1,391,168.
30. ES-07079 (21-25), 1999-2004. Training Program in Environmental Toxicology, \$1,474,601.
31. ES-09716 (1-5), 2000-2005. Regulation of Biliary Excretion of Xenobiotics by Mrp2. \$1,000,000.
32. ES-09649 (1-4), 2000-2004. Regulation of Hepatic Uptake of Drugs and Xenobiotics. \$850,000.
33. ES-08156 (4-9), 2001-2006. Environmental Hormones: Effect on Thyroid Function, \$1,000,000.

34. ES-09649 (4-7), 2005-2008. Regulation of Hepatic Uptake of Drugs and Xenobiotics, \$750,000.
35. ES-013714 (1-5), 2006-2010. Coordinate Regulation of Uptake and Efflux Transporters, \$1,187,500
36. P20 RR021940 (1-5), 2006-2011. Nuclear Receptors in Liver Health and Disease, \$6,792,963.
37. ES-07079 (26-30), 2006-2011. Training Program in Environmental Toxicology. \$1,333,930.
38. ES-09716 (6-11), 2006-2011. Regulation of Biliary Excretion of Xenobiotics by Mrps. \$1,187,500.
39. DK-081461 (1-4), 2009-2013. Nrf2 as a Master Regulator in Liver Disease Prevention and Therapy. \$995,631.

ACTIVE:

40. ES-019487 (1-5), 2010-2015. Developmental Regulation of Drug Processing Genes, \$2,114,968.
41. ES-009649 (8-12), 2010-2015. Regulation of Hepatic Uptake of Endogenous Signaling Molecules and Xenobiotics, \$1,125,000.
42. ES-025180 (1-5), 2015-pres. Epigenetic Regulation of Drug Metabolism by Developmental Exposure to PBDEs.