



**Cham Edwards Dallas, Ph.D.**

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Born: March 6, 1953 in Brenham, Texas

**CURRICULUM VITAE**

**EDUCATION**

1984 Ph.D.-University of Texas School of Public Health  
Major: Toxicology  
Minor: Health Administration

1982 M.S.-University of Texas School of Public Health  
Major: Toxicology

1975 B.A.-University of Texas at Austin  
Major: Biology

**PROFESSIONAL EXPERIENCE**

2007-present Director  
Institute for Health Management and Mass Destruction Defense  
College of Public Health, University of Georgia

2002-2007 Director  
Center for Mass Destruction Defense,  
a CDC Center in Public Health Preparedness at the University of Georgia

2007-present Professor  
Department of Health Management and Policy  
College of Public Health, University of Georgia

2002-present Professor  
Department of Pharmaceutical and Biomedical Sciences  
College of Pharmacy, University of Georgia

Professional Experience (continued)

- 2004-present Clinical Professor  
Department of Emergency Medicine  
Medical College of Georgia
- 2003-present Adjunct Professor  
Department of Epidemiology  
Rollins School of Public Health, Emory University
- 1998-2004 Director  
Interdisciplinary Toxicology Program  
University of Georgia
- 1995-2002 Associate Professor  
Department of Pharmaceutical and Biomedical Sciences  
College of Pharmacy, University of Georgia
- 1990-1995 Assistant Professor  
Department of Pharmacology and Toxicology  
College of Pharmacy, University of Georgia
- 1986-1990 Assistant Research Toxicologist (Faculty)  
Department of Pharmacology and Toxicology  
College of Pharmacy, University of Georgia
- 1984-1986 Postdoctoral Associate  
Department of Pharmacology and Toxicology  
College of Pharmacy, University of Georgia
- 1982-1983 Research Associate and the Toxicology Team Leader  
(Director of Toxicology Studies)  
Environmental Sciences Discipline (Department)  
University of Texas School of Public Health
- 1981-1982 NIOSH Pre-doctoral Trainee  
Environmental Sciences Discipline (Department)  
University of Texas School of Public Health
- 1980-1981 Senior Research Assistant  
Department of Environmental Biology  
University of Texas M. D. Anderson Hospital and Tumor Institute

Professional Experience (continued)

- 1979-1981     Public Health Trainee (U.S. Department of Education)  
 Environmental Sciences Discipline (Department)  
 University of Texas School of Public Health
- 1977-1979     Research Assistant  
 Department of Developmental Therapeutics  
 University of Texas M. D. Anderson Hospital and Tumor Institute
- 1975-1977     Research Technician  
 Stehlin Foundation for Cancer Research  
 St. Joseph's Hospital Cancer Laboratory, Houston

**PROFESSIONAL HONORS**

Founding Board Member, American Medical Association, National Disaster Life Support Executive Committee (2002-present)

President, Southeastern Chapter of the Society of Toxicology, 1995-1996

Councilor, Southeastern Chapter of the Society of Toxicology, 1996-1997

Richard B. Russell Undergraduate Teaching Award for the University of Georgia (University-Wide Teaching Award), May, 1994

Phi Delta Chi Teacher of the Year Award (College-Wide Teaching Award), 1994

Dedication for the Georgia Pharmacist Magazine, 1993

Teacher of the Year, University of Georgia College of Pharmacy, May 1992

Richard K. Seavers Award for Excellence in Research in Environmental Science, University of Texas School of Public Health, June 1982.

Pre-doctoral Traineeship, National Institute of Occupational Safety and Health (NIOSH).

Graduate Assistantship, Nickel Producers Environmental Research Association

Public Health Traineeship, U.S. Department of Education.

Bachelors Degree with Honors, University of Texas at Austin, May 1975.

## PROFESSIONAL SERVICE

### Appointments and Consultantships

Director, Center for Mass Destruction Defense, a CDC Center for Public Health Preparedness, University of Georgia and the Medical College of Georgia, 2002 – 2007

Director, Interdisciplinary Toxicology Program, University of Georgia, February 1998-August 2004.

National Civilian Consultant for Weapons of Mass Destruction, U.S. Air Force, January, 2000 - 2004.

Chair, Homeland Security Advisory Committee, University of Georgia, 2002 – 2006.

Chair, Interdisciplinary Toxicology Program Steering Committee, University of Georgia, 1995-2004.

Member, Editorial Associate Board, Disaster Medicine and Public Health Preparedness, an official publication of the American Medical Association, 2007-present

Member, State Sex Education Review Panel, Georgia Department of Education, State of Georgia, July, 1998 - 2003.

Member, Department of Pharmaceutical and Biomedical Sciences Executive Committee, 2003-present.

Member, College of Pharmacy Executive Committee, 2001 – present.

Member, College of Pharmacy Promotion and Tenure Committee, 2004-2007

Member, College of Pharmacy Graduate Education Committee, 2002-2005

Member, UGA Graduate Faculty, 1990 – present.

Member, Planning Committee of the joint CDC/Emory/UGA/Georgia Tech Triangle Lecture Series on Weapons of Mass Destruction.

Chair, Editorial Board for the Medical Response to Nuclear Weapons, State of Georgia Division of Public Health.

Elected to represent the College of Pharmacy on the UGA President's Faculty Advisory Committee for the term 2002-2005.

Appointed Chair of the Editorial Board for the Medical Response to Nuclear Weapons by the State of Georgia Division of Public Health.

Appointments and Consultantships (continued)

Appointed to the Medical Community Bioterrorism Training Planning Committee, Georgia Department of Public Health.

Chair, UGA Biochemical Task Force Resource Committee, University of Georgia, 1999-2002.

Member, College of Pharmacy Dean Search Committee, University of Georgia, 1999.

Chair, Self-Study Committee on Alumni and Development, University of Georgia, 1998-1999.

Mentor, International Fellows Program, University of Georgia, 1999-present.

Member, Savannah River Ecology Laboratory Director Search Committee, University of Georgia, 1999.

Chair, Richard B. Russell Undergraduate Teaching Awards Committee, University of Georgia, 1998-1999 (member, 1997-1999).

Member, UGA Graduate School Health and Clinical Sciences Area Committee, University of Georgia, 1999-2001.

Member, Biomedical Sciences Initiative Task Force, University of Georgia, 1999-Present.

Member UGA Environmental Program Enhancement Committee, 1999-2000.

Member, College Reorganization Committee, University of Georgia, College of Pharmacy, 1996-1997.

Member, Faculty Affairs Committee, University of Georgia, College of Pharmacy, 1997-present.

Member, Academic Committee, College of Pharmacy, 1999-Present.

Consultant Reviewer of Submitted Manuscripts for the Editorial Boards of the Scientific Journals Toxicology and Applied Pharmacology, Environmental Toxicology and Chemistry, Fundamental and Applied Toxicology, and Journal of Toxicology and Environmental Health, September, 1984-present.

Member, Facilities Committee, University of Georgia, College of Pharmacy, 1997-1999.

Member, University Instructional Advisory Committee (IAC), University of Georgia, 1992-1995.

Appointments and Consultantships (continued)

Member, University IAC Facilities and Grants Subcommittee, University of Georgia, 1992-1993.

Member, University IAC Subcommittee for the Instructional Resources Center, University of Georgia, 1994-1995.

Member, University Council, University of Georgia, 1991-1994.

Member, College of Pharmacy Faculty Affairs Committee, University of Georgia, College of Pharmacy, 1991-1993.

Chairman, Teacher of the Year Selection Committee, University of Georgia, College of Pharmacy, 1995-1996, (Member, 1993-1996).

Member, Grants and Scholarship Committee, University of Georgia, College of Pharmacy, 1993-1996.

Member, Faculty Affairs Committee, University Council, University of Georgia, 1992-1994.

Consultant, Toxicity Potential of Ammonium Phosphate Inhalation, Smith, Howard and Ajax, February, 1996-December, 1999.

Consultant, Medical Response Training for Emergency Room Personnel for Carbon Monoxide and Oxidants, McNeil Specialty Products, August, 1996.

Consultant, Blood Alcohol Interpretation of Neurobehavioral Effects, Branch, Pike, and O'Callahan, November, 1993 - June, 1994

Consultant, Toxicology of Industrial Solvents and Worker Injury, Cathey & Strain, June, 1993-present.

Consultant, Risk Assessment of Volatile Organic Air Emissions, Louisiana-Pacific Corporation, November 1993 - present.

Consultant, Potential Toxicity of Volatile Organic Compound Inhalation, Emerson Electronics, June, 1992 - May, 1993.

Consultant, Toxicology of Zinc Chloride Smoke Inhalation, London and Kisner, March, 1993 - May, 1994.

Consultant, Compilation of Medical Response Procedures for Carbon Monoxide, Chlorine, and Phosgene, Noramco, Inc., November, 1991 - March, 1995.

Appointments and Consultantships (continued)

Member (Ad Hoc), National Institute of Health (NIH)/National Institute of Occupational Safety and Health (NIOSH) Safety and Occupational Health Study Section, 1987-1989 (attended seven consecutive study section meetings, primary or secondary reviewer on over 50 grants from NIEHS, NCI and NIOSH).

Member, NIH/NIOSH Small Business Innovation Research (SBIR) Ad Hoc Review study section, 1987-1989.

Faculty member, University of Georgia Institute of Ecology, 1989 - present.

Member, Graduate Faculty, University of Georgia, 1990-present.

Member, Animal Resources Committee, University of Georgia, College of Pharmacy, 1988-1991.

Chairman, Student Affairs Self-Study Committee, University of Georgia, College of Pharmacy, 1990-1991.

Member, Facilities Use Committee, University of Georgia, College of Pharmacy, 1989-1990.

Member, Graduate Admissions Committee, University of Georgia, College of Pharmacy, 1990-present.

Consultant, Toxicology of Zinc Chloride Smoke Inhalation, McDonald and Cody, January - April, 1990.

Consultant, Potential for Hypersensitivity Reactions to Pyrethroid Insecticides, McClarty and Williams, March, 1988 - May, 1989.

Consultant, Risk Assessment of Complex Mixtures of Drinking Water Contaminants, Research Testing and Development Corporation, December, 1988.

Consultant, Pharmacokinetic Analysis of Chlordane Metabolite Disposition in Rodent and Primate Inhalation Studies, Velsicol Chemical Corporation, Dec, 1986-March, 1987.

Consultant, Asbestos Ambient Air Measurements at Public School Campuses, Research Testing and Development Corporation, March, 1987.

Consultant, Analysis of Toxicity of Industrial Solvent Vapor Mixtures, Seaboard Systems Railroad, Inc., July-Aug, 1986.

Consultant, Asbestos Ambient Air Measurements at Mercer University Campuses, Research Testing and Development Corporation, Jan-Feb, 1986.

Appointments and Consultantships (continued)

Expert Witness and Indoor Air Measurements in Pesticide Residue Litigation, Bio-Serve Corporation, Sept-Dec, 1985.

Consultant, Liquid and Solid Aerosol Inhalation Toxicology Contract Research, Stillmeadow Research, Inc., June-July, 1984.

Member, Committee on Environmental Health, American Lung Association/San Jacinto Area, 1983-1984.

Consultant, Technology Assessment of Environmental Measurements of Indoor Air Pollutants, Indoor Environment Research, Inc., March-June, 1982.

Session Chairman, "Detection of Genotoxicity from Formaldehyde Exposure in Human Populations," University of Texas School of Public Health Colloquium, May 1982.

Expert Witness, Risk Assessment of PCB Incineration in Urban Environment, House of Representatives Committee on the Environment, Texas State Legislature, May 1981.

Consultant, Production of training film "The Unexpected," outlining occupational hazards of Hydrogen Sulfide gas inhalation, Dowell Division of Dow Chemical, U.S.A., April-June 1981.

Session Chairman, "The Future of the Toxic Substances Control Act," University of Texas School of Public Health Colloquium, April 1981.

Academic Teaching/Training Experience

"Disaster Training for Health Professionals", joint Public Health and Pharmacy class, University of Georgia Colleges of Public Health and Pharmacy, annually, 2002 – present.

"Introductory Toxicology," First of a series of courses in Toxicology, University of Georgia, College of Pharmacy, Annually, 1991-present. (2000-2004 also taught by interactive distance learning to the U.S. DOE Savannah River Site)

"Human Physiology," with undergraduate and graduate sections, University of Georgia College of Pharmacy, annually, 1987-present.

"Pathophysiology," undergraduate Pharmacy class, University of Georgia College of Pharmacy, annually, 1996-present.

Non Patient Care Clerkship (PHRM 5902), a pharmacy rotation in disaster preparedness, biannually, 2002 – present.

"Organ Systems Toxicology," series of graduate course lectures in respiratory toxicology, University of Georgia College of Pharmacy, biannually, 1987-present.

Academic Teaching/Training Experience (continued)

"Toxicology of Agricultural and Industrial Chemicals in the Environment," series of graduate course lectures on gases, vapors, and radionuclide toxicity, annually, 1991-present (2000-2004 also taught by interactive distance learning to the U.S. DOE Savannah River Site).

"Introduction to Ecology," with lecture on toxicology in Eastern Europe, twice a year, 1993-present.

"Pharmacology I," First of a two-course series in Pharmacology with undergraduate and graduate sections, University of Georgia College of Pharmacy, annually, 1990-1998, Course Coordinator, 1995-1998.

"Evaluation of Chemicals for Hepatotoxicity and Nephrotoxicity," Course lecture in "Methods in Pharmacological Research," University of Georgia Coll. of Pharmacy, 1985.

"Aliphatic and Aromatic Hydrocarbons, Halocarbons," Course lecture in "Chemical Contamination of the Environment", University of Texas School of Public Health, May 1984.

Undergraduate students supervised in research projects:

Charles Griffin	Eleanor Jones	Elizabeth Lehman
Scott Cline	Kim Bennett	John Sims
Randy Groomes	Wade Meredith	Kevin O'Barr
David Lovett	Donna Higginbotham	Warren Christmus
Donna Goodman	Bryan Jennings	Clayton Williams
Charlotte Kleid	Aimee McRae	Denny Sims
David Mitchell	Lamar Long	Revas McClaren
Oliver Whipple	Duane Cheney	Rebecca Marlar
Shannon Lipford	Tonya Shelnett	Shay Petro
Leslie Murphy	Joy Carlton	Jennifer Strickland
Justin Collier	Tri Bui	Scott Boyle

Minority Summer Research Apprentice Program:

Lachanda Campbell (1992)  
 Esther Lim (1993)  
 Revas McClaren (1996)  
 Chutney Sumpter (2000)

Major Professor for graduate students -

Linda George (M.S.), graduated 1990  
 Kevin Holloman (M.S.), graduated 1993  
 Susan Fisher (Ph.D.), graduated 1994

## Major Professor for graduate students - (continued)

Alan Warren (Ph.D.), graduated 1995  
 Li Yu (Ph.D.), graduated 1996  
 Daniel Schoeffner (Ph.D.), graduated 1998  
 Robert Wentworth (Ph.D.), graduated 1998  
 John Kind (Ph.D.), graduated 2000  
 Carrie Hamilton (M.S.), graduated 2000  
 Kevin Holloman (Ph.D.), graduated 2000  
 Michael Lumpkin (Ph.D.), graduated 2002  
 Olga Tysuko (Ph.D.), graduated 2004  
 Curtis Harris (Ph.D.)

## Advisory Committee member for graduate students -

Chin Kim (Ph.D.)	Linda George, (M.S.)
Uma Sanzgiri (Ph.D.)	Stacey Meredith (M.S.)
Hyo Kim (Ph.D.)	Daniel Schoeffner (Ph.D.)
John Kind (Ph.D.)	David Heath (M.S.)
Taras Oleksyk (Ph.D.)	Li Fan Zhou (Ph.D.)
Varsha Pise (Ph.D.)	Chris Catara (Ph.D.)
Wu Li (Ph.D.)	Sarah Rentz (M.S.)
Stacey Westerfield (M.S.)	Prasad Katakam (Ph.D.)
Emmanuel Ameyibor (Ph.D.)	Hong Yu (Ph.D.)
Susan Fisher (Ph.D.)	Ritu Dhawan (M.S.)
Alan Warren (Ph.D.)	Wendy Boyd (Ph.D.)
Li Yu (Ph.D.)	Carrie Hamilton (M.S.)
Monica Lee (Ph.D.)	Mike Lumpkin (Ph.D.)
Kevin Holloman (M.S. and Ph.D.)	Bin Fan (Ph.D.)
Robert Wentworth (Ph.D.)	Russ Cole (M.S.)
Jay Houston (Ph.D.)	Jay Cumbee (M.S.)
Deanna Connors (Ph.D.)	Ji Young Kim (Ph.D.)
Sookwang Lee (Ph.D.)	Olga Tysuko (Ph.D.)
Amy Dixon (Ph.D.)	Angel Wall (M.S.)
Curtis Harris (Ph.D.)	Neelesh Bhandari (Ph.D.)
Shawn Blue (Ph.D.)	Matthew Taylor (Ph.D.)

## Postdoctoral associates supervised in funded research projects -

Dr. Xiao Mei Chen  
 Dr. Peter Varkonyi  
 Dr. Tharin Limsakun  
 Dr. Hun Ha

### Services as an Invited Speaker

Dr. Dallas has participated in an Invited Lectureship series in Toxicology in Eastern Europe (former Soviet Union - Russia, Ukraine, Belarus) by invitation of the Soviet Academy of Sciences, Ukrainian Academy of Sciences, and the Belarussian Council of Ministers. The purpose of this time in the Soviet Union (and subsequently Russia, Ukraine, and Belarus), therefore, was to present a series of invited lectures in toxicology in selected academic institutes and universities. This activity was a truly interactive endeavor, as the recipients of the risk assessment lectures in Russia, Belarus, and Ukraine have subsequently provided additional (and often unprecedented) information on the actual consequences of the health consequences there, which significantly enhanced the content and usefulness of future lectures and the parallel ongoing Chernobyl research.

In groups ranging from a dozen to a hundred in each audience, Dr. Dallas delivered lectures to over 1500 professors, scientists, engineers, physicians, and students. After each lecture, he met the academicians who were interested in establishing institutional academic collaboration and they discussed theoretical and practical possibilities toward this end. He met privately with at least 300 of these individuals in discussions on academic instruction needs in health management and toxicology in the Soviet Union, Russia, Ukraine, and Belarus. The Institutes, Universities, and other academic organizations where Dr. Dallas conducted the Invited Lectureship series and the subsequent talks on academic program development are listed in the following table, ranging in time from 1989 to 2001:

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Department of Biology, Moscow State University

Department of Chemistry, Moscow State University

Department of Pharmacology, Moscow State University

Medical Radiological Research Center, Obninsk, Russia

Department of Biogeography, Moscow State University

Department of Radiochemistry, Moscow State University

Institute of Food Processing in the Agroindustrial Complex, Kiev, Ukraine

Department of Foreign Languages, Ukrainian State Medical University, Kiev, Ukraine

Institute of Hygiene and Occupational Diseases, Kiev, Ukraine

Department of Ecology, Kiev State University, Kiev, Ukraine

Services as an Invited Speaker (continued)

Kiev Polytechnic Institute, Kiev, Ukraine

Department of Medicine, Bogamolitz Medical Institute, Kiev, Ukraine

Department of Foreign Languages, Bogamolitz Medical Institute, Kiev, Ukraine

Agricultural Academy of the Ukrainian Scientific Republic Academy of Sciences, Kiev, Ukraine

Institute of Sorption and Endoecology Problems, Kiev, Ukraine

School of English Language and Culture, Kiev, Ukraine

Department of Geography, Kiev State University, Kiev, Ukraine

Institute of General and Inorganic Chemistry of the Ukrainian SSR Academy of Sciences, Kiev, Ukraine

Institute of Molecular Biology and Genetics, Ukrainian Academy of Sciences Kiev, Ukraine

Institute of Cell Biology and Engineering, Ukrainian Academy of Sciences, Kiev, Ukraine

Institute of Hygiene and Toxicology of Pesticides, Polymers and Plastics, USSR Ministry of Public Health, Kiev, Ukraine

Institute of Industrial Hygiene, Kiev, Ukraine

Byelorussian Institute for Soil Science and Agrochemistry, Minsk, Belarus

Institute of Radio Ecology Problems, Minsk, Belarus

Research Radiation Medicine Institute of Ministry of Public Health, Minsk Belarus

Belarus State Department of Hydrometeorology, Minsk, Belarus

Academy of Business Administration, Department of Radiation Problems, Minsk, Belarus

ISCR International Sakharov College of Radioecology, Minsk, Belarus

Institute of Radiobiology, Minsk, Belarus

Services as an Invited Speaker (continued)

Integrated Radioecological Expedition, Academy of Sciences USSR, at the Oranoe field station, Chernobyl, Ukraine

Tbilisi State University, Department of Chemistry, Tbilisi, Soviet Georgia, USSR

Tbilisi State University, Department of Economics and Geography, Tbilisi, Soviet Georgia, USSR

Dallas, C.E. "Emergency Planning and the Future of Chernobyl", United Nations, New York, April 20, 2007.

Dallas, C.E. "Medical Response to Nuclear War: Lessons Learned from Hiroshima/Nagasaki", United Nations, New York, April 19, 2006, as part of the U.N. observance of the 20th anniversary of the Chernobyl disaster.

Dallas, C.E., "Progress in pharmaceutical intervention strategies by the CDC Center for Mass Destruction Defense", College of Pharmacy Development Board Meeting, UGA Center for Continuing Education, Athens, GA, January 27, 2006.

FOX News appearance, Tuesday, April 18, 9:00PM on Hannity & Colmes, where I presented my CDC Center's mass casualty simulations for New York nuclear attacks, as well as using a scale mock-up of a nuclear weapon to visibly demonstrate how such an attack would be carried out. Interestingly, this segment was re-broadcast on Comedy Central on the Colbert Report several days later, in a piece on nuclear weapons.

FOX News appearance, July 25, 2006 on Hannity & Colmes, where our CDC Center simulations for nuclear war in the Middle East were presented.

FOX News appearance, July 26, 2006 on Fox & Friends, which included a monitoring of radiation sources in the studio audience.

CNN live appearance in the laboratory at CMDD, October 11, 2006 showing research simulations of the medical effects of nuclear war

FOX News, live appearance in the CMDD Emergency Operations Center during the State-wide hospital exercise, November 9, 2006

CNN live appearance in the CMDD Emergency Operations Center with an interview concerning the polonium poisoning of Alexander Litvinenko, November 29, 2006

Dallas, C.E., "National Disaster Life Support (NDLS) - Medical Preparedness for Weapons of Mass Destruction", National Association of Clinical and Hospital Organizations Annual Meeting, February 23, 2006, Washington, D.C., presentation to the Session on Centers for Public Health Preparedness.

Services as an Invited Speaker (continued)

Dallas, C.E. "Mass casualty exercise program for hospitals in Georgia: Applications from the American Medical Association NDLS program", HRSA, Atlanta, GA, November 8, 2006

"Vulnerability of Medical and Security Infrastructure in Georgia to Nuclear Attack", Vulnerability Assessment Working Group, Georgia Emergency Management Agency, Atlanta, GA, May 25, 2006.

Dallas, C.E. "Georgia State Hospital Preparedness Plan for Pandemic Flu Response, Meeting of the North Georgia Public Health Districts, Kennesaw State College, September 11, 2006

Dallas, C.E. "Georgia State Hospital Preparedness Plan for Pandemic Flu Response, Meeting of the Middle Georgia Public Health Districts, Albany, Georgia, September 14, 2006

Dallas, C.E. "Georgia State Hospital Preparedness Plan for Pandemic Flu Response, Meeting of the South Georgia Public Health Districts, Savannah, Georgia, September 15, 2006

Dallas, C.E., "National Disaster Life Support (NDLS) - Medical Preparedness for Weapons of Mass Destruction", National Association of Clinical and Hospital Organizations Annual Meeting, February 23, 2006, Washington, D.C., presentation to the Session on Centers for Public Health Preparedness.

Dallas, C. E. "Medical Consequences of Nuclear Attack in New York", New York Port Authority, New York, July 17, 2006

Dallas, C.E. "Critical Need for Volunteers in Nuclear War Medical Response", American Red Cross, Athens, GA, May 23, 2006

Dallas, C.E. "Medical Response Plan for Mass Casualties in Georgia Hospitals – 2006", Meeting of the Hospital Administrators and Public Health Planners, State Division of Public Health, Atlanta, GA August 9, 2006

Dallas, C.E., Jones, D., Lent, W. "State-wide Plan for Controllers and Evaluators for Hospitals in Georgia", State-wide meeting of all 18 Public Health Districts in Georgia, Atlanta, GA, October 25, 2006

"Dallas, C.E. "Medical Response to Nuclear and Radiological Events", AMA Core Disaster Life Support Meeting, St. Mary's Hospital, October 19, 2006

Services as an Invited Speaker (continued)

Dallas, C.E. "Mass Casualty Response in Urban Nuclear Terrorist Attack", presentation to the UGA Alumni Association, University Club, Chicago, IL, October 4, 2005.

Congressional staff meeting for the Committee to Prevent Nuclear and Biological Attack, Longworth Congressional Building, Washington, DC, September 28, 2005.

Dallas, C.E. Delivered two-hour briefing to the U.S. House of Representatives Committee on Homeland Security, Washington, D.C., November 10, 2005.

Dallas, C.E. "Disaster Science," Biannual Lecture of the Sigma Xi Society, November 17, 2005, University of Georgia, Athens, GA.

Dallas, C.E. "Mass Casualty Response for Nuclear Attack in Georgia", State of Georgia Division of Public Health, November 22, 2005, Atlanta, Ga.

Dallas, C.E. "Homeland security medical response to nuclear terrorist attack", one hour presentation to Congressman John Linder, Chair of the U.S. House of Representatives Subcommittee to Prevent Nuclear and Biological Attack, Washington, DC, June 29, 2005.

Dallas, C.E. "Critical Interfaces Between Homeland Security and Public Health", Keynote Address at the First Graduation of the UGA College of Public Health, UGA Center for Continuing Education, August 5, 2005.

Dallas, C.E. "UGA homeland security research and training programs", Legislative Staff, U.S. Senator John Isakson, University of Georgia, Athens, GA, August 31, 2005.

Dallas, C.E. "Mass casualty response for nuclear attack on Atlanta: Mobilization of Georgia hospitals", Georgia Hospital Association Public Health Meeting, Macon, GA, January 21, 2005.

Dallas, C.E. "Basic Disaster Life Support: Nuclear and Radiological Events", Athens Classic Center, Athens, GA, September 15, 2005.

Dallas, C.E. "Basic Disaster Life Support: Nuclear and Radiological Events", Medical College of Georgia, Augusta, GA, January 15, 2004.

Dallas, C.E. "Advanced Disaster Life Support: Radiation terrorist attack simulation", Medical College of Georgia, Augusta, GA, January 16, 2004.

Services as an Invited Speaker (continued)

Dallas, C.E. “Convening the National Thought Leaders in Medical Preparedness for the Emergency Response to Weapons of Mass Destruction,” American Medical Association National Headquarters, Washington, DC, February 11, 2004.

Dallas, C.E. “Vulnerability of Atlanta Medical Resources to an Urban Nuclear Terrorist Attack”, Georgia Emergency Management Agency (GEMA) Emergency Operations Center, Atlanta, GA, May 7, 2004.

Dallas, C.E. “Basic Disaster Life Support: Psychological Impact of Weapons of Mass Destruction”, Medical College of Georgia, Augusta, GA, May 19, 2004.

Dallas, C.E. “Mass Casualty Management Plan for the G-8 Economic Summit on Sea Island, GA”, Georgia Emergency Management Agency, Atlanta, GA, May 21, 2004.

Dallas, C.E. “Advanced Disaster Life Support: Radiation terrorist attack simulation”, Medical College of Georgia, Augusta, GA, May 20, 2004.

Dallas, C.E. “Medical Response to Nuclear Weapon Terrorist Attack”, George Washington University, Washington, D.C., June 29, 2004.

White, C.A., Dallas, C.E., and Rollor, E. Development and Evaluation of a Bioterrorism Rotation for the 4th year PharmD Students. Catherine A. White, Cham Dallas and Edward Rollor, AACP Annual Meeting, July 2004, Salt Lake City, Utah.

White, C.A., Dallas, C.E., and Rollor, E. Developing Triage Skills in the PharmD Curriculum. Catherine A. White, Cham Dallas and Edward Rollor, AACP Annual Meeting, July 2004, Salt Lake City, Utah

Dallas, C.E. “Basic Disaster Life Support Curricula: 8-hour Certification Lectures”, University of Texas at Tyler/ALERT Academy, Tyler, TX, September 9, 2004.

Dallas, C.E. “Nuclear attack medical response in Northeast Georgia”, Madison County Rotary Club, Ila, GA, October 1, 2004.

Dallas, C.E. “Mass Casualty Attacks and Psychosocial Impacts”, Georgia Tech University, Atlanta, GA, October 7, 2004.

Dallas, C.E. “Public Health Impacts of Environmental Radioactivity”, Emory University, Atlanta, GA, November 17, 2004.

Services as an Invited Speaker (continued)

Dallas, C.E. "Technological Needs to Address Mass Casualty Requirements from Nuclear Terrorist Attacks", National Press Club, Washington, DC, December 7, 2004.

Lumpkin, M.H., Dallas, C.E., Bruckner, J.V and Fisher, J.W.. Physiologically based pharmacokinetic modeling of species-specific effects of plasma binding of trichloroacetic acid from trichloroethylene in mice, rats, and humans, presented to the Society of Toxicology Annual Meeting, Salt Lake City, UT, March, 2003.

Dallas, C.E. "Vulnerability of Urban Medical Systems to Nuclear Weapon Attack", Triangle Lecture Series, Emory University, Atlanta, GA, March 17, 2003.

C.E. Dallas, "Basic Disaster Life Support: Nuclear and Radiological Events", U.S. Secret Service Training Center, Dallas, TX, April 7, 2003.

C.E. Dallas."Recent Pharmaceutical Intervention Strategies Following Radiation Exposure", Homeland Security Summit, Ft. Gordon, GA, September 12, 2003.

C.E. Dallas. "BDLS: A National Standard for the Medical Response to Weapons of Mass Destruction", Annual National Meeting of the CDC Specialty Centers for Public Health Preparedness, Athens, GA, October 15, 2003.

C.E. Dallas. "Medical Responses to Nuclear, Radiological, and Conventional Weapons Attacks" Medical College of Georgia, Augusta, GA, September 11, 2003.

C.E. Dallas."Recent Pharmaceutical Intervention Strategies Following Radiation Exposure", Homeland Security Summit, Ft. Gordon, GA, September 12, 2003.

C.E. Dallas. "BDLS: A National Standard for the Medical Response to Weapons of Mass Destruction", Annual National Meeting of the CDC Specialty Centers for Public Health Preparedness, Athens, GA, October 15, 2003.

C.E. Dallas. "Medical Responses to Nuclear, Radiological, and Conventional Weapons Attacks" Medical College of Georgia, Augusta, GA, September 11, 2003.

Pepe, P.E., Schwartz, R., Dallas, C.E., Lillibridge, S., Swienton, R., Coule, P., James, J. The National Advanced Disaster Life Support (ADLS) course, *Circulation (supplement)* 108(17): IV-1033, presented at the annual scientific sessions of the American Heart Association, November 8, 2003, Orlando, FL.

Services as an Invited Speaker (continued)

Presented "Emergency medical response curricula for weapons of mass destruction that meets a national standard", delivered to the U.S. Surgeon General's Office on January 27, 2003, Washington, DC.

Appeared on CNN International in a live demonstration of a chemical weapon suit in a discussion of chemical war logistics in a desert war, broadcast on January 11, 2003.

Presented "Emergency Response Medical and Pharmacy Education with the CDC Center at the University of Georgia" at the State of Georgia Weapons of Mass Destruction Working Group, January 22, 2003, Atlanta, GA.

Mass casualty disaster preparedness training for health professionals in an interdisciplinary and distance learning program" was presented at the GREAT Annual Biomedical Conference, Westminster, CO, April 26-28, 2002.

"The role of the pharmacist in biological, chemical, and nuclear terrorist attacks in the U.S.", presented as a plenary lecture at the annual meeting of the Georgia Pharmacy Association, Panama City, FL, June 12, 2002.

Schwartz, R., Dallas, C., Giddens, C., Whitlock, W., and Rasche, J. Collaboration between government and academia to develop a disaster medicine training program. American Public Health Association Annual Meeting, 2002.

Dallas, C.E., White, C., Rollor, E. Mass casualty disaster preparedness training for health professionals in an interdisciplinary and distance learning program" GREAT Annual Biomedical Conference, Westminster, CO, April 26-28, 2002.

Dallas, C.E. "The role of the pharmacist in biological, chemical, and nuclear terrorist attacks in the U.S.", Plenary lecture at the annual meeting of the Georgia Pharmacy Association, Panama City, FL, June 12, 2002.

C.E. Dallas, "In-Depth Medical Response to Nuclear, Radiological, and Conventional Explosive Attacks," at Albany State College, State of Georgia Division of Public Health Medical Readiness Symposium, September, 2002.

C.E. Dallas. "Educational initiatives in homeland security", Homeland Security Summit, November 13, 2002, UGA Center for Continuing Education.

C.E. Dallas. A Research and training activities of the Center for Leadership in Education and Applied Research in Mass Destruction Defense, UGA Trustees Spouses Presentation, College of Pharmacy, October 18, 2002.

Services as an Invited Speaker (continued)

C.E. Dallas. "Medical Responses to Nuclear, Radiological, and Conventional Weapons Attacks" State of Georgia Public Health Division Medical Readiness Symposia, Augusta, GA, November 15, 2002.

C.E. Dallas "Role of the Pharmacist in the Medical Response to Nuclear, Biological, and Chemical Weapons Attacks", Annual Meeting - CDC Centers for Public Health Preparedness, Philadelphia, PA, November 7, 2002.

"Educational initiatives in homeland security", lecture given to the Homeland Security Summit, November 13, 2002, UGA Center for Continuing Education.

Hosted the UGA Trustees Spouses in a demonstration of the research and training activities of the Center for Leadership in Education and Applied Research in Mass Destruction Defense, College of Pharmacy, October 18, 2002.

"Medical Responses to Nuclear, Radiological, and Conventional Weapons Attacks" delivered to the State of Georgia Public Health Division Medical Readiness Symposia, Augusta, GA, November 15, 2002.

Presented the clinical symposium lecture, "In-Depth Medical Response to Nuclear, Radiological, and Conventional Explosive Attacks," at Albany State College, as part of the State of Georgia Division of Public Health Medical Readiness Symposium.

"Role of the Pharmacist in the Medical Response to Nuclear, Biological, and Chemical Weapons Attacks", delivered at the Annual Meeting of the CDC Centers for Public Health Preparedness, Philadelphia, PA, November 7, 2002.

"Chemical, nuclear, and biological warfare in the new millennium", American Chemical Society regional chapter meeting, Athens, GA, January 25, 2002.

"Health Professions Training for Mass Casualties from Natural Disasters, Accidents, or Terrorist Attacks", Southeastern Regional Management Symposium, Athens, GA, November 14, 2001.

"Radiocesium in white-tailed deer from the Savannah River Site" presented at the Annual Meeting of the Carolinas Chapter of the Society of Environmental Toxicology and Chemistry, Columbia, SC, July 19, 2001.

"Historical Overview of the chemical, biological, and radiological terrorist threat", delivered at the Annual Meeting of the Southeastern Chapter of the Society of Toxicology, Athens, GA, October 20, 2000.

"Quality Control in the Application of Flow Cytometry to Studies of Environmentally-Induced Genetic Damage," ASTM National Meeting, Atlanta, GA, April, 1998.

Services as an Invited Speaker (continued)

“Research on the Chernobyl Disaster Relevant to a Nuclear War Experience,” University System of Georgia Research Symposium: Science and Technology for a Sustainable Society, Atlanta, GA, May 13-14, 1998.

“Chemical and Biological Dosimetry of Radionuclides from the Chernobyl Nuclear Accident,” Annual Meeting of the American Chemical Society, Las Vegas, NV, September, 1997.

“Toxicokinetics of Inhaled Halocarbons,” Seminar presented to the Department of Pharmaceutics, University of Georgia College of Pharmacy, January, 1997.

"Applications of Flow Cytometric Analysis of Environmentally-Induced DNA Damage to Ecosystems Contaminated by the Chernobyl Nuclear Accident," Institute of Ecology Seminar, January, 1992.

"DNA Perturbations in Red Blood Cells Associated with Environmental Contamination at the Savannah River Site," Savannah River Ecology Laboratory Seminar, August, 1991.

"Use of Sentinel Animals for Genotoxicity Evaluations at Hazardous Waste Sites," University of Georgia Ecology Seminar Series (Zoo 856), May 1991.

"Toxic Responses of the Lung," Fundamentals of Environmental Toxicology, Georgia Institute of Technology, June 1991.

"Toxic Effect of Gases," Fundamentals of Environmental Toxicology, Georgia Institute of Technology, June 1991.

"Physiologically-Based Model Parameter Estimation From Perchloroethylene Tissue Pharmacokinetics," 30th annual meeting of the Society of Toxicology, Dallas, TX, February, 1991.

"Validation of a Physiologically Based Pharmacokinetic Model of Perchloroethylene in Rats Using Tissue Concentration-Time Data," 31st Annual Meeting of the Society of Toxicology, Seattle, WA, February, 1992.

"Development of Flow Cytometry as a Biomarker for Cytotoxic Environmental Contaminants," Tissue Culture Association Meeting, June, 1990.

"Respiratory, Blood, and Tissue Pharmacokinetics for Oral and Inhalation Exposures to Chlorinated Hydrocarbons," Departmental Seminar, Department of Pharmacology and Toxicology, College of Pharmacy, November, 1989.

Services as an Invited Speaker (continued)

"Direct Measurements of Perchloroethylene in the Blood and Exhaled Breath of Rats During and Following Inhalation Exposure," Society of Toxicology Meeting, February, 1989.

"Interspecies Comparisons and Physiological Model Development Using Studies of Halocarbon Pharmacokinetics," Departmental Seminar, Department of Pharmaceutics, College of Pharmacy, January, 1990.

"Respiratory, Blood, and Tissue Pharmacokinetics of Chlorinated Hydrocarbons in Inhalation and Oral Exposure," Department Seminar, Department of Pharmacology and Toxicology, College of Pharmacy, November, 1989.

"Ecotoxicology Studies of Contaminated Areas at the Savannah River Site (U.S.A.) with Applications to the Pripyat Marshes in the Soviet Union," Tbilisi State University, Tbilisi, Soviet Union, September, 1989.

"Validation of a Physiologically-based Pharmacokinetic Model for the Prediction of the Uptake and Elimination of Inhaled Volatile Organic Compounds," Southeastern Chapter of the Society of Toxicology Meeting, September, 1989.

"The Use of Flow Cytometry as a Toxicity Biomarker Using Sentinel Animals in Contaminated Ecosystems," Tissue Culture Association Meeting, Orlando, FL, June, 1989.

"Relationship of DNA Cell Cycle Analysis of Red Blood Cells to Radiocesium Uptake in Free-Living Mallards at the Savannah River Plant," Savannah River Ecology Laboratory, May, 1989.

Pharmacokinetics of Halogenated Hydrocarbons in Inhalation and Oral Exposures in Sprague-Dawley Rats," American Association for Laboratory Animal Science/Southeastern Chapter, May, 1986.

"New Approaches in Determining the Kinetics of Volatile Organic Compounds (VOCs) Using Simultaneous Measurements of Respiratory Elimination and Hemodynamics," Departmental Seminar, Department of Pharmacology and Toxicology, College of Pharmacy, October, 1984.

"Respiratory Compensatory Mechanisms in the Upper and Lower Respiratory Tract of Sprague-Dawley Rats After Subchronic Inhalation of Formaldehyde," Society of Toxicology/Gulf Coast Chapter, February 1984.

"Potential Inhalation Hazards to Public Health Due to the Toxic Substances Currently Found in Indoor Air Pollution," American Lung Association/San Jacinto Area, February 1984.

Services as an Invited Speaker (continued)

"The Pharmacokinetics of 1,1-Dichloroethylene in Sprague- Dawley Rats During and After Inhalation Exposure," Environmental Science Seminar, University of Texas School of Public Health, March 1982.

**PROFESSIONAL SOCIETIES**

Society of Toxicology  
 Radiation Research Society (application pending)  
 Rho Chi Pharmacy Honor Society  
 Sigma Xi

**RESEARCH AND TRAINING SUPPORT**

Environmental Protection Agency (EPA) Cooperative Agreement # CR-812267, "Relative Uptake, Disposition, and Toxicity of Inhaled and Ingested Halocarbons: An Evaluation of Route to Route Extrapolations in Risk Assessment," 4 years (project period 5/12/85-5/11/89); \$499,535, Co-Principal Investigator.

U.S. Air Force Grant AFOSR # 880277 "Bioavailability of Volatile Organics and Other Hydrocarbons from Environmental Media: Ingestion in Drinking Water," 3 years (project period 8/15/88-8/14/91); \$303,184, Co-Investigator

U.S. Air Force Grant AFOSR # 870248, "Validation and Application of Pharmacokinetic Models for Interspecies Extrapolations in Toxicity Risk Assessments of Volatile Organics," 4 years (project period 7/1/87-4/30/91); \$376,062, Principal Investigator.

Environmental Protection Agency (EPA), "Reduction of Uncertainty in Risk Assessment by Development of Improved Physiologically-Based Pharmacokinetic Models for Volatile Organic Compounds," 3 years Project period (8/1/89-7/31/92); \$429,580, Co-Investigator.

Environmental Protection Agency (EPA) #CR820447, "Assessment of Physiologically-Based and Toxicokinetic Models in Reduction of Uncertainties in Risk Assessment of Volatile Organic Chemicals" (10/1/92-9/30/95), \$383,582, Co-Principal Investigator.

U.S. Department of Defense (DOD) University Research Initiative #910356, "Interspecies Extrapolations of Halocarbon Respiratory and Tissue Kinetics: Applications to Predicting Toxicity in Different Species," 4 years Project Period (7/15/91-7/14/95); \$470,931, Principal Investigator.

U.S. Department of Defense (DOD) Southeastern Center for Electrical Engineering Education, "DOD National Defense Science and Engineering Graduate Fellowship Award," (9/1/91-8/31/94), \$54,000, Principal Investigator.

Research and Training Support (continued)

U.S. Department of Energy (DOE)/Westinghouse Corporation, "Environmental Risk Assessment of the D-Area Oil Seepage Basin at the Savannah River Site," 2 year project period (2/15/93 - 2/14/95), \$214,702, Principal Investigator.

University of Georgia Office of the Vice President for Academic Affairs, "Academic Development in Environmental Toxicology Between the University of Georgia and Academic Institutions in Belarus and Ukraine," (7/1/93 - 6/30/95), \$24,000, Principal Investigator.

Environmental Protection Agency (EPA), "1,1,2,2-Tetrachloroethane: Fourteen-Day Gavage Toxicity Study in Sprague-Dawley Rats," Halogenated Solvents Industrial Alliance, (10/1/95 - 6/30/98), \$56,209, Principal Investigator.

U.S. Department of Defense (DOD), "National Defense Science and Engineering Graduate Fellowship Award," 3 years (project period 9/1/94 - 8/31/97), \$57,000, Principal Investigator.

"Molecular Studies of Genotoxicity," University of Georgia Interdisciplinary Toxicology Program, 7/1/95-6/30/97, \$18,000, Principal Investigator.

U.S. Department of Energy (DOE) DE-AC09-76SR00819, "Genotoxicology Risk - Savannah River Site," (9/1/93 - 6/30/99), \$389,000, Co-Principal Investigator.

University of Georgia College of Pharmacy, "Pediatric Toxicology Research Focus Group," (10/1/98 - 12/31/99), \$12,000, Co-Investigator.

American Foundation for Pharmaceutical Education, "Research Training in Environmental Toxicology," (10/1/96 - 6/30/99), \$18,000, Principal Investigator.

U.S. EPA, "National Network for Environmental Management Studies (NNEMS), (1/1/99 - 6/30/00), \$29,000, Principal Investigator.

U.S. Department of Energy (DOE) Contract DE-FC01-95EW55084-ETRA, Environmental Toxicology and Risk Assessment at the Savannah River Site, (7/1/01 - 6/30/02), \$1,659,384, Co-Investigator.

University of Georgia, "Distance Learning Graduate Degree in Toxicology," (4/1/99 - 6/30/01), \$186,000, Program Director.

University System of Georgia, "National Patterns for Academic Excellence: Interdisciplinary Program in Toxicology at the University of Georgia," 8 year program period (7/1/95 - 6/30/03), \$1,981,250, Director of Coordinating Committee (7/1/95-10/1/04), Program Director (2/14/98-10/1/04).

Research and Training Support (continued)

U.S. Department of Energy (DOE), “PBPK Modeling of Chronic dosage of TCE With and Without Co-Administration of Ethanol,” 4/1/98-9/30/03, \$428,000, Co-Principal Investigator

U.S. Department of Energy (DOE), Subcontract to Cooperative Agreement #DE-FC02-02CH11109, “Presystemic elimination of trichloroethylene and its interactions with ethanol: How important are they at environmental exposure levels?” 6/1/03 - 5/31/08, \$1,072,000, Co-Investigator.

University of Georgia/Medical College of Georgia Biomedical Initiative, “Matching Funds for the Center for Leadership in Education and Applied Research in Mass Destruction Defense (CLEARMADD)”, (2/1/02 - 6/30/02), \$170,000, Principal Investigator.

U.S. Department of Health and Human Services (HHS)/ Centers for Disease Control and Prevention (CDC), “Center for Mass Destruction Defense (CMDD), a CDC Specialty Center for Public Health Preparedness”, 8/1/02-7/31/07, \$2,558,959, Principal Investigator.

U.S. Department of Health and Human Services (HHS) Office of the Assistant Secretary for Preparedness and Response (HRSA #BTCDDP 05-080), “Bioterrorism Training and Curriculum Development Program”, 10/1/05 – 8/31/08, \$3,298,894, Co-Principal Investigator.

State of Georgia Division of Public Health (DPH), “Regional Coordinating Hospital Emergency Preparedness Exercises”, 4/1/2006 – 10/1/2006, \$284,000, Principal Investigator.

State of Georgia Division of Public Health (DPH), “State-wide Hospital Pandemic Flu Exercises”, 10/1/2006 – 8/30/2007, \$605,000, Principal Investigator.

Georgia Emergency Management Agency (GEMA), “Veterinary Medicine Training for the AMA Basic Disaster Life Support (BDLS) Curriculum: Adding Veterinary Personnel to the “One Medicine” Concept in Emergency Preparedness”, 4/1/2007-3/31/2008, \$210,000, Principal Investigator.

State of Georgia Division of Public Health (DPH), “Georgia Hospital Emergency Preparedness Exercises”, 10/1/2007 – 8/30/2008, \$648,000, Principal Investigator.

Georgia Emergency Management Agency (GEMA), “Area 7 All-Hazards Council (AHC), Emergency Management Committee, Regional Exercise Program Project”, 11/1/2007-1/31/2008, \$75,000, Principal Investigator.

Research and Training Support (continued)

State of Georgia Division of Public Health (DPH), "Emergency Preparedness Planning, Training and Exercises for Georgia Identified Special Needs Populations, Phases I & II", 6/1/2007 – 8/30/2008, \$779,000, Principal Investigator.

**BIBLIOGRAPHY**Abstracts

1. Dallas, C.E., Weir, F.W., Feldman, S., Putcha, L., and Bruckner, J.V. "The pharmacokinetics of 1,1-dichloroethylene in rats during and after inhalation exposure," 21st Annual Conference of the Society of Toxicology, Boston, Massachusetts. Toxicologist 2: 170 (1982).
2. Dallas, C.E., Maedgen, J.L., Weir, F.W., and Bruckner, J.V. "Toxicokinetic studies of halocarbon contaminants for predictive modeling to set drinking water standards," 58th Texas Public Health Association Meeting, Houston, Texas, November 3-4, 1983.
3. Theiss, J.C., Connor, T.H., and Dallas, C.E. "Preliminary assessment of genotoxicity of indoor air pollutants," Proceedings of the Fifth Manufactured Housing Engineering Conference, Austin, Texas, June 14-15, 1983.
4. Theiss, J.C., Brower, M.E., and Dallas, C.E. "Lung tumor response of strain A mice to inhaled formaldehyde alone and in conjunction with injected urethan," American Association for Cancer Research, Toronto, Canada. Proc. Amer. Assoc. Cancer Res. 25: 870 (1984).
5. Dallas, C.E., Theiss, J.C., and Fairchild, E.J. "Respiratory response and nasal deposition in nosepiece exposures of Sprague-Dawley rats following subchronic inhalation of formaldehyde," 23rd Annual Conference of the Society of Toxicology, Atlanta, GA. Toxicologist 4: 28 (1984).
6. Brower, M.E., Theiss, J.C., Ku, R.H., Dallas, C.E., and Billings, R.E. "An investigation of formalin and paraformaldehyde as agents of systemic tumorigenesis in strain A mice," 23rd Conference of the Society of Toxicology, Atlanta, GA. Toxicologist 4: 41 (1984).
7. Billings, R.E., Ku, R.H., Brower, M.E., Dallas, C.E., and Theiss, J.C. "Disposition of formaldehyde (CH<sub>2</sub>O) in mice," 23rd Annual Conference of the Society of Toxicology, Atlanta, GA. Toxicologist 4: 8 (1984).
8. Dallas, C.E., Mellard, D.N., Theiss, J.C., Fairchild, E.J. "Cell cycle perturbation of DNA and RNA content in the bone marrow and alveolar macrophages of rodents after subchronic inhalation exposure to formaldehyde," 23rd Annual Conference of the Society of Toxicology, Atlanta, GA. Toxicologist 4: 160 (1984).

Abstracts (continued)

9. Dallas, C.E., Theiss, J.C., and Fairchild, E.J. "Respiratory response and deposition in the lower respiratory tract of Sprague-Dawley rats following subchronic inhalation of formaldehyde," 23rd Annual Conference of the Society of Toxicology, Atlanta, GA. Toxicologist 4: 30 (1984).
10. Scott, M.J., Ward, Jr., J.B., Dallas, C.E., and Theiss, J.C. "Chromosome damage onset in lung but not bone marrow of Sprague-Dawley rats exposed to formaldehyde by inhalation," 16th Annual Meeting of the Environmental Mutagenicity Society. Environmental Mutagenesis 7: 53 (1985).
11. Maedgen, J.L., Fairchild, E.J., Dallas, C.E., and Bruckner, J.V. "Comparison of the uptake and elimination of inhaled trichloroethylene and 1,1,1-trichloroethane," 24th Conference of the Society of Toxicology, San Diego, CA. Toxicologist 5: 65 (1985).
12. Dallas, C.E., Badeaux, P.J., Theiss, J.C., and Fairchild, J.C. "The influence of inhaled formaldehyde on lung cytochrome P-450," 25th Annual Conference of the Society of Toxicology, New Orleans, LA. Toxicologist 6: 55 (1986).
13. Muralidhara, S., Ramanathan, R., Dallas, C.E., and Bruckner, J.V. "Acute, subacute, and subchronic oral toxicity studies of 1,1-dichloroethane (DCE) in rats," 25th Annual Conference of the Society of Toxicology, New Orleans, LA. Toxicologist 6: 313 (1986).
14. Ramanathan, R., Muralidhara, S., Dallas, C.E., and Bruckner, J.V. "Evaluation of the hepatorenal toxic potential of 1,2-dichloropropane (DCP): acute, subacute, and subchronic oral exposures in rats," 25th Annual Conference of the Society of Toxicology, New Orleans, LA. Toxicologist 6: 183 (1986).
15. Muralidhara, S., Ramanathan, R., Dallas, C.E., and Bruckner, J.V. "Acute, subacute, and subchronic oral toxicity studies of 1,1-dichloroethane (DCE) in rats," 25th Annual Conference of the Society of Toxicology, New Orleans, LA. Toxicologist 6: 313 (1986).
16. Ramanathan, R., Muralidhara, S., Dallas, C.E., and Bruckner, J.V. "Evaluation of the hepatorenal toxic potential of 1,2-dichloropropane (DCP): acute, subacute, and subchronic oral exposures in rats," 25th Annual Conference of the Society of Toxicology, New Orleans, LA. Toxicologist 6: 183 (1986).
17. Bruckner, J.V., Kim, H.J., Dallas, C.E., Ramanathan, R., Muralidhara, S., and Gallo, J.M. "Effect of dosing vehicles on the pharmacokinetics of orally administered carbon tetrachloride (CCl<sub>4</sub>) in rats," 26th Annual Meeting of the Society of Toxicology, Washington, D.C.; Toxicologist 7: 266 (1987).

Abstracts (continued)

18. Dallas, C.E., Ramanathan, R., Muralidhara, S., Gallo, J.M., and Bruckner, J.V. "Relative uptake and elimination of 1,1,1-trichloroethane (TRI) in inhalation and oral exposures in rats," 26th Annual Meeting of the Society of Toxicology, Washington, D.C.; Toxicologist 7: 269 (1987).
19. MacKenzie, W.F., Bruckner, J.V., Muralidhara, S., Ramanathan, R., Kim, H.J., and Dallas, C.E. "Acute, subacute, and subchronic pathology of 1,2-dichloropropane (DCP)," 26th Annual Meeting of the Society of Toxicology, Washington, D.C.; Toxicologist 7: 270 (1987).
20. Kim, H.J., Odend'hal, S., Ramanathan, R., Dallas, C.E., Muralidhara, S., and Bruckner, J.V. "Effect of oral dosing vehicles on acute hepatotoxicity of carbon tetrachloride (CCl<sub>4</sub>) in rats," 26th Annual Meeting of the Society of Toxicology, Washington, D.C.; Toxicologist 7: 265 (1987).
21. Bruckner, J.V., Dallas, C.E., Muralidhara, S., Ramanathan, R., and Gallo, J.M. "Comparative pharmacokinetics of inhaled and ingested trichloroethylene (TCE) in rats," 26th Annual Meeting of the Society of Toxicology, Washington, D.C.; Toxicologist 7: 269 (1987).
22. Dallas, C.E., Ramanathan, R., Muralidhara, S., Gallo, J.M., and Bruckner, J.V. "Differences in the pharmacokinetics (PK) of inhaled trichloroethylene (TCE) and 1,1,1-trichloroethane (TRI) in unanesthetized rats," American Society of Pharmacology and Experimental Therapeutics, Honolulu, Hawaii. Pharmacologist 29: 121 (1987).
23. Ramanathan, R., Muralidhara, S., Gallo, J.M., Dallas, C.E., and Bruckner, J.V. "Pharmacokinetics of volatile halocarbons: Comparison of single oral bolus versus infusion of trichloroethylene (TCE)," 27th Annual Meeting of the Society of Toxicology, Dallas, TX; Toxicologist 8: 94 (1988).
24. Muralidhara, S., Ramanathan, R., Gallo, J.M., Dallas, C.E., and Bruckner, J.V. "Pharmacokinetics of volatile halocarbons: Comparison of single oral bolus versus gastric infusion of 1,1,1-trichloroethane (TRI)," 27th Annual Meeting of the Society of Toxicology, Dallas, TX; Toxicologist 8: 95 (1988).
25. Dallas, C.E., Ramanathan, R., Muralidhara, S. Gallo, J.M., and Bruckner, J.V. "Comparative pharmacokinetics of inhaled and ingested 1,1-dichloroethylene (DCE) in rats," 27th Annual Meeting of the Society of Toxicology, Dallas, TX; Toxicologist 8: 139 (1988).
26. Bruckner, J.V., Kim, H.J., Dallas, C.E., and Muralidhara, S. "Comparative pharmacokinetics (PK) and target organ toxicity of inhaled and ingested carbon tetrachloride (CCl<sub>4</sub>) in rats," 28th Annual Meeting of the society of Toxicology, Atlanta, GA; Toxicologist 9: 229 (1989).

Abstracts (continued)

27. Ramanathan, R., Muralidhara, S., Dallas, C.E., Gallo, J.M. and Bruckner, J.V. "Influence of the pattern of ingestion on the pharmacokinetics of perchloroethylene (PER) in rats," 28th Annual Meeting of the Society of Toxicology, Atlanta, GA; Toxicologist 9: 78 (1989)
28. Dallas, C.E., Ramanathan, R., Muralidhara, S., Gallo, J.M., Manning, R.O., and Bruckner, J.V. "Direct measurements of perchloroethylene in the blood and exhaled breath of rats during and following inhalation exposure," 28th Annual Meeting of the Society of Toxicology, Atlanta, GA; Toxicologist 9: 78 (1989).
29. Gallo, J.M., Dallas, C.E., and Bruckner, J.V. "Physiological pharmacokinetic models for 1,1,1-trichloroethane (TRI) and 1,1,1-trichloroethylene (TCE) in rats following inhalation and oral exposures," 28th Annual Meeting of the Society of Toxicology, Atlanta, GA; Toxicologist 9: 230 (1989)
30. Fisher-Shore, S.L., Tackett, R.L., Dallas, C.E., Muralidhara, S., and Blanton, C.D. "Furan o-aminonitriles as precursors to substituted acridone and fluorenone analogues: potential antitumor and antiviral agents," 199th National Meeting of the American Chemical Society, Boston MS; American Chemical Society Abstracts (1990).
31. Chen, X.M., Dallas, C.E., Muralidhara, S., Gallo, J.M., and Bruckner, J.V. "Tissue disposition of ingested perchloroethylene (PER) in rats," 29th Annual Meeting of the Society of Toxicology, Miami, FL; Toxicologist 10: 235(1990).
32. Dallas, C.E., Muralidhara, S., Chen, X.M., Stevens, E.K., Martin, J.E., and Irvin, T.R. "Maternal and embryonic disposition of oral trichloroethylene (TCE)," 29th Annual Meeting of the Society of Toxicology, Miami, FL; Toxicologist 10: 208(1990).
33. George, L.S., Dallas, C.E., Brisbin, I.L., and Evans, D.L. "Radiocesium (<sup>137</sup>Cs) uptake in mallards at the Savannah River Site (SRS) and effects on DNA cell cycle in red blood cells," 29th Annual Meeting of the Society of Toxicology, Miami, FL; Toxicologist 10: 248(1990).
34. Dallas, C.E., George, L.S., Brisbin, I.L., and Evans, D.L. "Development of flow cytometry as a biomarker for cytotoxic environmental contaminants," 41st Annual Meeting of the Tissue Culture Association, Houston, TX; In Vitro Cellular and Developmental Biology 26: 20 (1990).
35. Dallas, C.E., Chen, X.M., Muralidhara, S., Tackett, R.L., Bruckner, J.V., and Gallo, J.M. "Interspecies comparisons of the toxicokinetics and bioavailability of ingested tetrachloroethane," 11th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Washington, D.C.; Global Environmental Issues: Challenge for the 90s:176 (1990)

Abstracts (continued)

36. Bruckner, J.V., Dallas, C.E., Muralidhara, S., Srivatsan, V., Manning, R.O., and Gallo, J.M. "Presystemic elimination of volatile organic compounds (VOCs) ingested in water," 11th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Washington, D.C., Global Environmental Issues: Challenge for the 90s:175 (1990).
37. Sanzgiri, U.Y., Muralidhara, S., Dallas, C.E., and Bruckner, J.V. "Effect of route of administration on the pharmacokinetics and acute hepatotoxicity of carbon tetrachloride (CCl<sub>4</sub>)," 30th Annual Meeting of the Society of Toxicology, Dallas, TX; Toxicologist 11:173 (1991).
38. Dallas, C.E., Gallo, J.M., Chen, X.M., Muralidhara, S., O'Barr, K., and Bruckner, J.V. "Physiologically-based model parameter estimation from perchloroethylene tissue pharmacokinetics," 30th Annual Meeting of the Society of Toxicology, Dallas, TX; Toxicologist 11:33 (1991).
39. Chen, X.M., Dallas, C.E., Muralidhara, S., Tackett, R.L., Bruckner, J.V., and Gallo, J.M. "Interspecies comparisons of perchloroethylene pharmacokinetics following oral and intraarterial administration," 30th Annual Meeting of the Society of Toxicology, Dallas, TX; Toxicologist 11:351 (1991).
40. Srivatsan, V., Manning, R., Muralidhara, S., Dallas, C.E., Chen, X.M., Gallo, J.M., and Bruckner, J.V. "Tissue distribution of 1,1,1-trichloroethane in rats," 30th Annual meeting of the Society of Toxicology, Dallas, TX; Toxicologist 11:90 (1991).
41. Fisher, S.K. and Dallas, C.E. "DNA analysis of aneuploids and coefficients of variation in cells using flow cytometry," *In Vitro Cellular and Developmental Biology*, 27:64 (1991).
42. Dallas, C.E., Brisbin, I.L., Jagoe, C.H., Smith, M.H., Fisher, S.K., and Chesser, R. "Ecotoxicological studies in an abandoned reactor cooling reservoir," *Proceedings of the Society of Environmental Toxicology and Chemistry*: 110 (1991).
43. Fisher, S.K., Dallas, C.E., Golden, J.M., and Chesser, R.K. "Flow cytometric evaluations of DNA variation in bass red blood cells," *Proceedings of the Society of Environmental Toxicology and Chemistry*: 41 (1991).
44. Brisbin, I.L. and Dallas, C.E. "Estimation of the uptake and distribution of radiocesium by migratory waterfowl following the Chernobyl nuclear accident," *Proceedings of the Society of Environmental Toxicology and Chemistry*: 144 (1991).
45. Warren, D.A., Dallas, C.E., Reigle, T.G., and Muralidhara, S. "Neurobehavioral toxicity of ingested perchloroethylene in rats," 31st Annual Meeting of the Society of Toxicology, Seattle, WA; Toxicologist 12: 276, 1992.

Abstracts (continued)

46. Muralidhara, S., Srivatsan, V., Sanzgiri, U., Dallas, C.E., and Bruckner, J.V. "Improvement of extraction efficiency in analysis of volatile organic compounds (VOCs) in tissues," 31st Annual Meeting of the Society of Toxicology, Seattle, WA; Toxicologist 12: 424, 1992.
47. Dallas, C.E., Varkonyi, P., Chen, X.M., Muralidhara, S., and Gallo, J.M. "Validation of a physiologically based pharmacokinetic model of perchloroethylene in rats using tissue concentration-time data," 31st Annual Meeting of the Society of Toxicology, Seattle, WA; Toxicologist 12: 346, 1992.
48. Srivatsan, V., Varkonyi, P., Muralidhara, S., Dallas, C.E., Gallo, J.M., and Bruckner, J.V. "Physiologically-based pharmacokinetic (PBPK) modeling of the tissue deposition of inhaled 1,1,2-trichloroethylene (TCE)," 32nd Annual Meeting of the Society of Toxicology, New Orleans, LA; Toxicologist 13: 357, 1993.
49. Warren, D.A., Dallas, C.E., Reigle, T.G., and Christmus, W. "Behavioral changes during 1,1,1-trichloroethane (TRI) inhalation in rats: relationship to brain and blood levels," 32nd Annual Meeting of the Society of Toxicology, New Orleans, LA; Toxicologist 13: 248, 1993.
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