

CURRICULUM VITAE

Bruce A. Goldberger, Ph.D., F-ABFT

**Professional
Address:**

Division of Forensic Medicine
Department of Pathology, Immunology and Laboratory Medicine
University of Florida College of Medicine
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EDUCATION

May, 1982 B.A. degree in Zoology
 Drew University
 Madison, New Jersey

August, 1985 M.S. degree in Forensic Toxicology
 University of Maryland School of Medicine
 Department of Pathology, Division of Forensic Pathology
 Baltimore, Maryland

Thesis: “*In vitro* and *in vivo* studies of the collection and delayed analysis of the alcohol content in breath.”

January, 1993 Ph.D. degree in Forensic Toxicology
 University of Maryland School of Medicine
 Department of Pathology, Division of Forensic Pathology
 Baltimore, Maryland

Dissertation: “Measurement and interpretation of heroin, 6-acetylmorphine and morphine concentrations in biological tissues obtained from heroin users and heroin-related deaths.”

PROFESSIONAL POSITIONS

October 31, 2015 To present	Medical Director Infectious Disease Pharmacokinetics Laboratory University of Florida College of Pharmacy Gainesville, Florida
July 1, 2014 to present	Medical Director, Clinical Toxicology Laboratory UF Health Pathology Laboratories Department of Pathology, Immunology and Laboratory Medicine University of Florida College of Medicine Gainesville, Florida
July 18, 2013 to present	Director, UF Health Forensic Medicine University of Florida College of Medicine Gainesville, Florida
May 20, 2013 to present	Chief, Division of Forensic Medicine Department of Pathology, Immunology and Laboratory Medicine University of Florida College of Medicine Gainesville, Florida
July 1, 2012 to present	Director, UF Racing Laboratory Department of Pathology, Immunology and Laboratory Medicine University of Florida College of Medicine Gainesville, Florida
July, 2005 to present	Professor and Director of Toxicology, Clinical Track Department of Pathology, Immunology and Laboratory Medicine Department of Psychiatry (Division of Addiction Medicine) University of Florida College of Medicine Gainesville, Florida
November, 2002 to June 2005	Associate Professor, Clinical Track Department of Psychiatry (Division of Addiction Medicine) University of Florida College of Medicine Gainesville, Florida
July, 2001 to June 2005	Associate Professor and Director of Toxicology, Clinical Track Department of Pathology, Immunology and Laboratory Medicine University of Florida College of Medicine Gainesville, Florida

July, 1999
to June, 2001
Assistant Professor and Director of Toxicology, Clinical Track
Department of Pathology, Immunology and Laboratory Medicine
University of Florida College of Medicine
Gainesville, Florida

October, 1994
to June, 1999
Assistant Professor and Director of Toxicology, Tenure Track
Department of Pathology, Immunology and Laboratory Medicine
University of Florida College of Medicine
Gainesville, Florida

September, 1987
to September, 1994
Toxicologist
National Center for Forensic Science
a division of Maryland Medical Laboratory
Baltimore, Maryland

September, 1989
to May, 1992
Assistant Toxicologist and Toxicology Laboratory Manager
Toxicology Laboratory
Office of the Chief Medical Examiner
Baltimore, Maryland

July, 1986
to September, 1989
Assistant Toxicologist
Toxicology Laboratory
Office of the Chief Medical Examiner
Baltimore, Maryland

September, 1982
to September, 1987
Laboratory Technologist
Clinical Toxicology Department
Maryland Medical Laboratory
Baltimore, Maryland

CERTIFICATIONS

Fellow (formerly Diplomate). American Board of Forensic Toxicology, Certificate Number 1120
(formerly 218) (3/1/99-12/31/19)
Forensic Toxicology Specialist. American Board of Forensic Toxicology, Certificate Number 5001
(11/1/92-2/28/99)
Toxicological Chemist. National Registry of Certified Chemists (previously known as the National
Registry in Clinical Chemistry), Certificate Number 2254 (1991-2012)

LICENSURES

Clinical Laboratory Director. Board of Clinical Lab Personnel, Department of Business and
Professional Regulation, State of Florida, License Number DI 0033647 (5/18/95-8/31/18)

Clinical Laboratory Director. State of California Department of Public Health, State of California Health and Human Services Agency, License Number COS 00800642 (9/29/15-9/28/17)

HONORS AND AWARDS

Educational Research Award. Society of Forensic Toxicologists, 1984 and 1986
Sunshine Award. Toxicology Section, American Academy of Forensic Sciences, 1988
Toxicology Section Scholarship. American Academy of Forensic Sciences, 1991
Outstanding Scientific Achievements by a Young Investigator Award. American Association for Clinical Chemistry, 1994
Mid-Career Achievement Award, The International Association of Forensic Toxicologists, 2004
Excellence in SPE Award, United Chemical Technologies, 2005
Alexander O. Gettler Award, Toxicology Section, American Academy of Forensic Sciences, 2006
Outstanding Achievement Award, Florida Association of Medical Examiners, 2008
Achievement in the Sciences Award, Drew University, 2012
Robert F. Borkenstein Award, Alcohol, Drugs and Impairment Division, National Safety Council, 2017
Richard Saferstein Memorial Award in Forensic Science, Northeastern University, 2018.

PATENTS

Devices and methods for the collection and detection of substances (US 8,388,907), issued March 5, 2013
Devices and methods for the collection and detection of substances (US 8,414,846), issued April 9, 2013
Devices and methods for the collection and detection of substances (US 9,360,398), issued June 7, 2016

CAMPUS ACTIVITIES

Teaching

College of Medicine:

Translational Neuroscience: Junior Honors Medical Program (MEL 4001) – Forensic Medicine
Pathology Resident Rotation (Preceptor)
Responsible Conduct of Biomedical Research (GMS 7003) – Authorship and Peer Review
Clinical and Translational Science Institute Student Seminar Course (GMS 6893) – Addiction

College of Pharmacy:

Selected Topics in Pharmacy (The Role of the Pharmacist in Substance Abuse Education and Prevention; PHA 4933) – Forensic Pharmacology and Toxicology

University of Florida, Thesis/Doctoral Dissertation Committee Member:

Michael W. Belford, Department of Chemistry, 2001-2003
 Matthew W. Warren, Department of Psychiatry, 2003-2006
 Timothy L. Naylor, Department of Physiological Sciences, 2003-2005
 Frank Kero, Department of Chemistry, 2004-2008
 David Khey, Department of Criminology, Law and Society, 2005-2009
 Marilyn Prieto, Department of Chemistry, 2007-2010
 Rich Reich, Department of Chemistry, 2007-2010
 Weiyi Ni, Interdisciplinary Program in Biomedical Sciences, 2008-2012
 Irene Perez, Interdisciplinary Program in Biomedical Sciences, 2012-2013
 Chris Delcher, Department of Epidemiology, 2011-2014
 Katie Rubin, Department of Anthropology, 2013-
 Lerah Sutton, Department of Anthropology, 2013-17
 Jessica Hvozdoch, Department of Pathology, 2015-17

Student/Doctoral/Post-Doctoral/Fellowship Training:

<u>Name</u>	<u>Program</u>	<u>Date</u>
Diana Garside	Post-Doctoral Fellowship in Forensic Toxicology	1994-1997
Jeri Roper-Miller	Graduate Student – Doctoral	1994-1998
Ruth Winecker	Graduate Student – Doctoral	1994-1996
Jason Byrd	Graduate Student Rotation (UF)	1996
Bart Wacek	Graduate Student Intern	1996
Mary Rucker	Graduate Student – IDP Lab Rotation	1998
Richard Fox	Center for Precollegiate Education and Training	1998
Gretchen Miller	Graduate Student – Master’s	1998-1999
Beth Ladlie	Graduate Student – UF IDP Lab Rotation	1998
Tara Sabo	Graduate Student – UF IDP Lab Rotation	1999
Andria Hobbs	Undergraduate Student – University Scholars Program	1999-2000
Kristofer Rau	Graduate Student – UF IDP Lab Rotation	1999
Jessica Walrath	Graduate Student – UF IDP Lab Rotation	2000
Bruno De Martinis	Visiting Scientist (Brazil)	2000-2001
Karen Vieira	Graduate Student – UF IDP Lab Rotation	2001
Michele Merves	Graduate Student – Doctoral/Post-Doctoral	2001-2009
Sheng-Meng Wang	Visiting Scientist (Taiwan)	2001
María Antonia Martínez González	Visiting Scientist (Spain)	2002
Rebecca Murray	Pharmacy Student	2002-2003
Ansley Gascoigne	Undergraduate Intern (UCF)	2004
Kelly MacDougall	Graduate Student – UF IDP Lab Rotation	2005
Rebecca Fidler	Undergraduate Intern (UCF)	2005
Jennifer Hoyer	Undergraduate Intern (UCF)	2005

Christopher Moody	Undergraduate Intern (UCF)	2005
Melissa Clarady	Undergraduate Intern (UCF)	2006
Kimberly Fitzgerald	Medical Student (UF College of Medicine)	2006
Melanie Atkinson	High School Student (PK Young)	2006
Jenna Chin	Undergraduate (UF Senior Research)	2006-2007
Sarah Guilmain	Graduate Student – UF IDP Lab Rotation	2006
Diana Sum	Pharmacy Student (UF)	2007
Suzanne Bialeck	Medical Student (UF College of Medicine)	2008
Yara van Leeuwen	Graduate Student (University of Amsterdam)	2008
Camille Moore	Undergraduate Intern (UCF)	2008
Samantha Arzillo	Undergraduate (UF)	2008-2009
Brittany Marshall	Undergraduate (UF)	2008-2010
Amy Mitchell	Undergraduate Intern (UCF)	2009
Jennifer Lewis	Intern (UF)	2009
Christopher Roeser	Intern (UF)	2009-2010
Marissa Finkelstein	Intern (UF)	2010-2012
Lauren Sanborn	Intern (UF)	2012
Marc Rumpfer	Post-Doctoral Fellowship in Toxicology	2012-2013
Dayong Lee	Post-Doctoral Fellowship in Toxicology	2013-2015
Marissa Finkelstein	Graduate Student – Masters	2013-2015
Katie Rubin	Graduate Student – Doctoral	2013-
Sarah Fraser	Undergraduate (UF)	2015-2016
Jessica Hvozdvich	Graduate Student – Masters	2015-2017
Julia Malinowska	Undergraduate (Robert Gordon University)	2016

Administration

College of Medicine

Member, Medical Selection Committee, 2005-2011

Member, Search Committee, Chair of the Department of Pharmacology and Therapeutics
and Director of the UF Institute of Therapeutic Innovations, 2010-2013

MS Admission Committee, 2014-2015

Department of Pathology, Immunology and Laboratory Medicine

Chief, Division of Forensic Medicine

Program Director, Florida Emergency Mortuary Operations Response System

Director, William R. Maples Center for Forensic Medicine

Medical Director, Clinical Toxicology Laboratory, UF Health Pathology Labs

Medical Director, Forensic Toxicology Laboratory, UF Health Pathology Labs

Chairman, Biosafety Committee

Chairman, Search Committee (2012)

Chairman, Search Committee (2013)

Chairman, Search Committee (2014)
Chairman, Search Committee (2017)

Department of Anthropology, College of Liberal Arts and Sciences

Member, Search Committee, Director of C.A. Pound Human Identification Laboratory

Department of Physiological Sciences, College of Veterinary Medicine

Member, Search Committee

University of Florida (Office of the President)

Platform Operations Assistant, University Commencements, 2015-present
Member, Commencement Committee, 2014-present

University of Florida University Athletic Association

Member, University Athletic Association Substance Abuse Committee

OTHER ACADEMIC ACTIVITIES

Adjunct Assistant Professor in Clinical Chemistry. University of Maryland School of Medicine, Department of Medical and Research Technology, Baltimore, Maryland, 1991-1992 and 1993-1994

Thesis Advisor for Patrick Carpenter. College of Graduate Studies, Thomas Jefferson University, Philadelphia, Pennsylvania, 1994

External Examiner for Sarah Kerrigan. Faculty of Graduate Studies, The University of British Columbia, Vancouver, B.C. Canada, 1997

External Examiner for Veronica Hargrove, Graduate School of Biomedical Sciences, University of Texas Health Science Center, San Antonio, Texas, 2013

Community Faculty, Department of Medical Education, Orlando Health Pathology Residency Program, Orlando, Florida, 2013-present

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

American Academy of Forensic Sciences

Fellow, 1983-present

Academy Activities

Program Committee, Poster Session Chair, 1994

Nominating Committee, 1996-1997

Council, 1995-1997

Program Committee, Breakfast Seminars Chair, 1997-1998

Program Committee, Poster Session Chair, 1998-1999

Strategic Planning Committee, 1997-1998
Long Term Planning Committee, 1998-2008
Board of Directors (Toxicology Section Representative), 1999-2002
Academy-Wide Luncheons, Moderator, 2000
Program Committee, Workshop Chair, 2000-2001
Forensic Sciences Foundation Nominating Committee, 2000-2001
Program Committee, Program Co-Chair, 2001-2002
Program Committee, Program Chair, 2002-2003
Policy and Procedure Committee, 2002-2007
AAFS Website Redesign Task Force, Chair, 2002-2003
AAFS Website Content Oversight Task Force, 2003-2004
Vice President, 2003-2004
Membership Committee, Chair, 2003-2004
Treasurer, 2004-2006
Executive Committee, 2004-2008
Finance Committee, 2006-2011, 2014-present
Forensic Sciences Foundation Nominating Committee, 2005-2006
President-Elect, 2006-2007
Trustee, Forensic Sciences Foundation, 2006-2008
President, 2007-2008
Board of Directors, 2008-2009
Nomination Committee, 2008-2010
Media and Public Relations, Chair/Liaison, 2008-present
ad hoc Outreach Committee Member, 2009-2010
Awards Committee, 2010-2012
Exhibitor Liaison Committee, 2010-2012
Ethics Committee, 2017-present

Toxicology Section Activities

Workshop Co-Chair, 1992-1995, 1999
Program Committee, 1992-1996
Program Chair, 1994-1995
Secretary, 1995-1996
Chairman, 1996-1997
Nominating Committee, Chair, 1997-1998
Abstract Guidelines Committee, 1995-1996
News and Views, Editor, 1993-1996
Steering Committee, 1994-present
Minutes Review Committee, 1994-1999
Awards Committee, 1997-1999, 2001-2003
ad hoc Membership Guidelines Committee, 1994-1999

American Association for Clinical Chemistry

Member, 1984-present
TDM/Tox LIP Committee, 1991-1996; Chairman, 1995-1996
FUDT Newsletter Editorial Advisory Board, 1997-1998

Clinical & Forensic Toxicology News Editorial Advisory Board, Chairman, 1999 - 2001
Workshop Leader, 1993-1994
AACC Academy (formerly National Academy of Clinical Biochemistry)
Fellow, 2003-present
American Board of Forensic Toxicology
Board of Directors, 2000-present
Treasurer, 2002-2008
Vice President, 2008-2012
President, 2012-present
Association of Official Racing Chemists
Affiliate Member, 2013-present
California Association of Toxicologists
Associate Member, 1993-present
Florida Association of Medical Examiners
Affiliate Member, 2008-present
Educational Conference Committee, 2016-present
Forensic Specialties Accreditation Board
Board of Directors, 2011-present
Treasurer, 2014-2018
President, 2018-present
International Association for Chemical Testing
Member, 1999-present
International Veterinary Forensic Sciences Association
Full Charter Member, 2009-present
Board of Directors, 2009-2014
National Committee for Clinical Laboratory Standards
Gas Chromatography/Mass Spectrometry Confirmation of Drugs Committee, 1993-2002
National Registry of Certified Chemists
Board of Directors, 2001-2003
Examination Committee, 2001-2003
National Safety Council – Alcohol, Drugs and Impairment Division (formerly Committee on
Alcohol and Other Drugs)
Member, 1988-present
Executive Board, 1992-2007, 2012-present
Scientific Working Group on Forensic Toxicology (SWGTOX)
Co-Chair (founding), 2009-2012
Executive Committee, 2012-2013
Chair, Research, Development, Testing and Evaluation Committee, 2009-2013
Chair, Education, Ethics, Outreach and Certification Committee, 2012-2013
Society of Forensic Toxicologists
Member, 1984-present
Advisory Committee on Hair Analysis, 1991-1992
SOFT Web-site/IT Committee, Chair, 1997-present
SOFT Logo Redesign Committee, Chair, 1997

Board of Directors, 1998-2000
Special Issue Editor, Journal of Analytical Toxicology, 1999
Board of Directors (ex officio), 2005-2010
Board of Directors, 2011-present
Executive Committee, 2011-2012, 2014-2017
ad hoc Advocacy Committee, Chair, 2011-2013
SOFT 2013 Annual Meeting, Chair, 2009-2013
Secretary, 2014-2015
Vice President, 2016
President, 2017
Past-President, 2018
Bylaws Committee, 2018-present
The International Association of Forensic Toxicologists (TIAFT), Member, 1991-present
T'2007 Scientific Advisory Committee, 2007
TIAFT Achievement Awards Committee, 2010-2013

EDITORIAL TASKS

Clinica Chim Acta – Member, Editorial Board, 1999-2003
Clinical and Forensic Toxicology News – Chairman, Editorial Advisory Board, 1999-2001
Forensic Science Review – Member, Board of Editors, 2002-present
Journal of Analytical Toxicology (Oxford University Press, 2012-present) – Official Journal of the Society of Forensic Toxicologists & The International Association of Forensic Toxicologists
Editor-in-Chief, 2001-present
Member, Editorial Advisory Board, 1997-2000
Society of Forensic Toxicologists Special Issue Editor, October, 1999
Journal of Forensic Sciences – Member, Editorial Board, 1997-2013
Therapeutic Drug Monitoring and Toxicology – Chairman, Editorial Board, 1995-1996
Clarke's Analysis of Drugs and Poisons, Pharmaceutical Press – Member, Editorial Advisory Board, 2000-2012

GRANT AND CONTRACT FUNDING

Florida Emergency Mortuary Operations Response System (FEMORS), Florida Department of Health, Bureau of Preparedness and Response, 2001-present
Substance Use and Immunity in HIV+ Adolescents by Systems Biology, NIH/NIDA, Project Number 5R01DA031017-04
Seizing the Momentum: A Multidisciplinary Approach to Reduce Rx Drug Abuse in Florida, BJA FY 13 Harold Rogers Prescription Drug Monitoring Program, U.S. Department of Justice, Office of Justice Programs, Bureau of Justice Assistance, Project Number 2013-PM-BX-0010 (in collaboration with the Florida Department of Health)
Florida's Next Generation of Prescription Drug Related Surveillance: Data into Insights that Enhance PDMP Best Practices, BJA FY 16 Harold Rogers Prescription Drug Monitoring

Program, U.S. Department of Justice, Office of Justice Programs, Bureau of Justice Assistance, Project Number 2016-PM-BX-K005
U.S. Centers for Disease Control and Prevention, Division of Unintentional Injury Prevention, Intergovernmental Personnel Act Mobility Program, 2016-present
Better Intelligence Gathering for Public Safety and Public Health (BigPUSH), U.S. Department of Justice, Office of Justice Programs, Bureau of Justice, Project Number 2017-PM-BX-K038
Health outcomes and cognitive effects of marijuana use among persons living with HIV/AIDS. NIH/NIDA, Project Number R01DA042069

CONSULTANT AND OTHER RELATED ACTIVITIES

Expert Witness/Consultant in Forensic Toxicology. Qualified as an Expert in Forensic Toxicology more than 350 times in Federal, State, Canadian, and Military Courts of Law. Testified in high profile cases including State of Florida v. Casey Anthony (2011), United States of America v. Roger Clemens (2012) and Major League Baseball v. Alex Rodriguez (2013).
Consultant, U.S. Centers for Disease Control and Prevention
Consultant, U.S. Department of the State
Consultant, U.S. Drug Enforcement Administration
Consultant, Office of the Attorney General of Florida
Consultant, Florida Department of Law Enforcement, Alcohol Testing Program & Medical Examiners Commission
Consultant, Florida Highway Patrol
Laboratory Inspector. National Laboratory Certification Program, Substance Abuse and Mental Health Services Administration, DHHS, 1989-2000
Laboratory Inspector. American Board of Forensic Toxicology, 2010-present
Chairman. Florida Department of Law Enforcement/Institute of Police Technology and Management Implied Consent Rules Committee, 1999-2000
Member. Substance Abuse Committee, Athletic Programs, Santa Fe Community College, 1997-present
Co-Chair, Methadone Associated Mortality: A National Assessment Workshop, Center for Substance Abuse Treatment, Substance Abuse and Mental Health Services Administration, Arlington, Virginia, 2003
Consultant, National Football League Players Association, 2006-2007
Co-Chair, Methadone Mortality: A Reassessment, Center for Substance Abuse Treatment, Substance Abuse and Mental Health Services Administration, Washington, D.C., July, 2007
Consultant, Clinical Chemistry and Clinical Toxicology Devices Panel, Center for Devices and Radiological Health, Food and Drug Administration, 2008-present
Member, State of Florida Drug-Related Death Workgroup, Office of Drug Control, Office of the Governor, State of Florida, 2008-2010
Co-Chair, Expert Panel on Uniform Standards and Case Definitions for Classifying Methadone-Associated Deaths, Center for Substance Abuse Treatment, Substance Abuse and Mental Health Services Administration, Washington, D.C., 2009

Medical Examiner Drug Report Task Force, Florida Department of Law Enforcement, Medical Examiner Commission, 2009

Co-Chair, Methadone Mortality: A Reassessment, Center for Substance Abuse Treatment, Substance Abuse and Mental Health Services Administration, Washington, D.C., 2010

Member, Technical Advisory Committee on DUI Enforcement and Prosecution, Institute of Police Technology and Management, 2010-present

Member, National Association of Medical Examiners and American College of Medical Toxicology Expert Panel on Opioid Deaths, 2012-2013

REVIEW OF GRANTS AND CONTRACTS

Consultant. Counterdrug Technology Assessment Center Demand Reduction Advisory Board, Office of National Drug Control Policy, Executive Office of the President, 1993

Consultant. Maternal Lifestyle Study, National Institute of Child Health and Human Development, National Institutes of Health, 1992-1993

Consultant. Measurement of Caffeine, Paraxanthine and Osmolality in Serum from the Collaborative Perinatal Project, National Institute of Child Health and Human Development, National Institutes of Health, 1996

ad hoc Committee Member. Molecular, Cellular and Chemical Neurobiology Research Review Subcommittee [NIDA/B], National Institute on Drug Abuse Initial Review Group, National Institutes of Health, 1996-1997

ad hoc Reviewer. Clinical Protocols, Addiction Research Center, National Institute on Drug Abuse, National Institutes of Health, 1998

ad hoc Committee Member. Epidemiology and Prevention Review Committee [NIDA/G], National Institute on Drug Abuse Initial Review Group, National Institutes of Health, 1998

ad hoc Reviewer. NIDA/INVEST Research Fellowship Program, National Institute on Drug Abuse, National Institutes of Health, 2000

Reviewer. FY 2005 General Forensics Research and Development Solicitation, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, 2005

Reviewer. FY 2006 Forensic Toxicology Research and Development (R&D) Solicitation, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, 2006

Member. Clinical Chemistry and Clinical Toxicology Advisory Committee, Food and Drug Administration, 2013

INVITED LECTURES

The Use of Quality Control by Forensic Urine Drug Testing Laboratories. Hewlett-Packard Clinical/Forensic Seminar, Rockville, Maryland, April, 1989.

Principles of Forensic Toxicology. Forensic Toxicology Workshop, Department of Health and Rehabilitation Services, State of Florida, Orlando, Florida, April, 1990.

Drug Testing in the 1990s. 1991 Hewlett-Packard User's Group Meeting, American Society of Mass Spectrometry, Nashville, Tennessee, May, 1991.

- Optimization of GC/MS. Hewlett-Packard User's Group Meeting, Baltimore, Maryland, October, 1991.
- FPDT: Forensic Pelage Drug Testing (Breakfast Seminar). American Academy of Forensic Sciences, New Orleans, Louisiana, February, 1992.
- Optimization of GC/MS. Forensic and Clinical Drug Analysis by GC/MS. Hewlett-Packard Sponsored Workshop, American Association for Clinical Chemistry, Chicago, Illinois, July, 1992.
- Confirmation. Preparing for the NIDA NLCP Inspections: Problems Commonly Encountered by Inspectors. Society of Forensic Toxicologists, Cromwell, Connecticut, October, 1992.
- Hair Testing: The Growing Way to Test for Drugs of Abuse. The Pittsburgh Conference, Atlanta, Georgia, March, 1993.
- Disposition of Heroin and 6-Acetylmorphine in Hair. Clinical Pharmacology/Toxicology Forum, Baltimore, Maryland, March, 1993.
- Testing for Abused Drugs in Human Hair. 1993 Hewlett-Packard User's Group Meeting, American Society of Mass Spectrometry, San Francisco, California, May, 1993.
- Hair. Drug Analysis of Unusual Biological Tissues. American Association for Clinical Chemistry, New York, New York, July, 1993.
- Heroin and Metabolites in Biological Tissues Obtained from Heroin Users and Heroin-Related Deaths. Roche Diagnostics Seminar, Branchburg, New Jersey, August, 1993.
- Seminar: Measurement and Interpretation of Heroin, 6-Acetylmorphine and Morphine Concentrations in Biological Tissues. Department of Medical and Research Technology, University of Maryland School of Medicine, Baltimore, Maryland, September, 1993.
- Study of the Effect of "UrinAid" on HHS Regulated Urine Specimens. Drug Testing Advisory Board, Division of Workplace Programs, Substance Abuse and Mental Health Services Administration, Bethesda, Maryland, September, 1993.
- Current Status of Hair Drug Testing. Capital Section, American Association for Clinical Chemistry, Baltimore, Maryland, November, 1993.
- Optimization Techniques for GC/MS. The In's and Out's of Capillary Gas Chromatography: Routinely Utilized Inlet and Detector Systems. American Academy of Forensic Sciences, San Antonio, Texas, February, 1994.
- Opiates. Forensic Toxicology. Armed Forces Institute of Pathology, Vienna, Virginia, April, 1994.
- Adulteration Issues-Laboratory Checks and Balances. Substance Abuse Workshop. Department of Energy, Alexandria, Virginia, May, 1994.
- Hair. Drug Analysis of Unusual Biological Tissues. American Association for Clinical Chemistry, New Orleans, Louisiana, July, 1994.
- Pharmacology of Heroin and Related Opiates in Hair. SOFT Conference on Drug Testing in Hair, Tampa, Florida, October, 1994.
- Opiates. Fundamentals of Forensic Toxicology: A Basic Course. Society of Forensic Toxicologists, Baltimore, Maryland, October, 1995.
- Testing for Drugs in Hair. Seminar. Departments of Pharmacodynamics and Pharmaceutics, University of Florida College of Pharmacy, Gainesville, Florida, October, 1995.
- Postmortem Toxicology. Advances in Alcohol and Drug Testing-Significance for Legal Proceedings. Toxicology Consultants Forensic Science CLE Seminar Series. Fort Lauderdale, Florida, December, 1995.

- The Analysis of Anabolic Agents in Sports. Amateur Athletic Drug Testing – Substance Abuse Policy. American Academy of Forensic Sciences, Nashville, Tennessee, February, 1996.
- Drugs of Abuse Testing. Boehringer Mannheim Corporation 1996 Preferred Partners Meeting and Product Fair. Orlando, Florida, March, 1996.
- Drug Free Workplace Seminar - Lab Procedures. Gainesville Area Chamber of Commerce, Gainesville, Florida, May, 1996.
- Testing for Cocaine in Hair: New Clinical and Forensic Applications. Department of Pathology and Laboratory Medicine, University of Florida College of Medicine, Gainesville, Florida, June, 1996.
- Drug Testing for Drug Courts: Components of Reliability. Gaining Momentum: Drug Courts in Florida. Supreme Court of the State of Florida, Office of the State Courts Administrator, Naples, Florida, June, 1996.
- Rohypnol and Rape Prevention. Rape & Crime Victim Advocate Program, Alachua County Department of Community Services, Gainesville, Florida, July, 1996.
- Medical Examiner Toxicology, Analysis of Unusual Biological Tissues, and Forensic Chemistry. Introduction to Forensic Toxicology. American Association for Clinical Chemistry, Chicago, Illinois, July, 1996.
- High Sensitivity CEDIA Benzodiazepine DAU: New Solutions for the Nineties. Boehringer Mannheim Corporation 1996 Industry Workshop at the AACC Annual Meeting. Chicago, Illinois, July, 1996.
- Forensic Toxicology. 1996 Clinical Chemistry and Toxicology Audioconference Series - Teleconference Network of Texas. Gainesville, Florida, August, 1996.
- Forensic Toxicology Sites on the World Wide Web. Forensic Toxicology and the Internet. Society of Forensic Toxicologists, Denver, Colorado, October, 1996.
- Drug Free Workplace Seminar – Lab Procedures. Gainesville Area Chamber of Commerce, Gainesville, Florida, October, 1996.
- Forensic Science: A Living Science – Amniotic Fluid and Breast Milk. American Academy of Forensic Sciences, New York City, New York, February, 1997.
- Forensic Toxicology: QA/QC Considerations. NFSTC Forensic Toxicology Workshop, Gainesville, Florida, August, 1997.
- Implementation of a PT Program for Hair Testing in Florida. HHS Drug Testing Advisory Board, Scientific Meeting on Drug Testing of Alternative Specimens and Technologies, Arlington, Virginia, September, 1997.
- Signs of Impairment & Physiology and Pharmacology, Breath Test Instructor Course, Institute of Police Technology and Management, University of North Florida, Jacksonville, Florida, January, 1998.
- Cocaine Analyses in Breast Milk and Nails. Seminar. Department of Pharmaceutics and Pharmacodynamics, College of Pharmacy, University of Illinois at Chicago, Chicago, Illinois, March, 1998.
- Hewlett-Packard Seminar on Drug Testing and Forensic Analyses. Wilmington, Rockville, Atlanta, and Tampa, March, 1998.
- Results from the First Round of the State of Florida Hair Proficiency Testing Program. Drug Testing Advisory Board, Division of Workplace Programs, Substance Abuse and Mental Health Services Administration, Bethesda, Maryland, June, 1999.

- Physical Effects of Abuse. The GHB, GBL and 1,4 Butanediol Working Group Meeting. Sponsored by Orphan Medical Group, National Forensic Science Technology Center, St. Petersburg, Florida, July, 1999.
- Case Studies in Forensic Toxicology. Department of Pathology, Immunology and Laboratory Medicine, University of Florida College of Medicine, Gainesville, Florida, August, 1999.
- Forensic Toxicology. Microbiology and Cell Science Student Organization. University of Florida, Gainesville, Florida, September, 1999.
- Hewlett-Packard Seminar on Drug Testing. Fundamental and Critical Procedures Used in the Analysis of Drugs of Abuse in Urine by GC/MS. Mexico City, Mexico, November, 1999.
- Leading Edge Seminar – The Future of Forensic Medicine at the University of Florida, University of Florida Department of Conferences and Seminars, Division of Continuing Education, Gainesville, Florida, February, 2000.
- Forensic Toxicology of Opiate Alkaloids and Synthetic Analgesics – Metabolism of Opioids. American Academy of Forensic Sciences, Reno, Nevada, February, 2000.
- Post-Mortem Forensic Toxicology (Part 1), Shands Hospital Laboratories Continuing Education Program, Gainesville, Florida, March, 2000.
- Drug Testing: An Important Element in Substance Abuse Prevention – Today’s Drugs, Beating the Test and Other Myths. American Alliance for Health, Physical Education, Recreation and Dance, Orlando, Florida, March, 2000.
- Contemporary Practice in Clinical Toxicology – Opiates. American Association for Clinical Chemistry, Alexandria, Virginia, June, 2000.
- Assessment of Alternative Specimens in Forensic Toxicology. Society of Forensic Toxicologists, Milwaukee, Wisconsin, October, 2000.
- Post-Mortem Forensic Toxicology (Part 2), Shands Hospital Laboratories Continuing Education Program, Gainesville, Florida, November, 2000.
- The Drunk and Drugged Driver: Understanding Toxicology, Advanced DUI Seminar, Florida Prosecuting Attorneys Association, Ocala, Florida, March, 2001.
- Effects on the Body, Florida Statewide Conference on Designer Drugs, Florida Department of Law Enforcement, Orlando, Florida, April, 2001.
- Club Drugs, Florida Association of Medical Examiners, Daytona Beach, Florida, November, 2001.
- Forensic Toxicology, Florida Homicide Investigators Association, Gainesville, Florida, November, 2001.
- Chemical Agents, Community Bioterrorism Summit, Shands HealthCare, Gainesville, Florida, November, 2001.
- Analytical Toxicology Considerations in Drugs and Driving Cases, The Effects of Drugs on Human Performance and Behavior, Robert F. Borkenstein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, March, 2002.
- Chemical Agents of Terrorists, The Challenge of Bioterrorism, Florida League for Nursing, University of Florida, Gainesville, Florida, April, 2002.
- Chemical Agents, Shands Hospital Laboratories Continuing Education Program, Gainesville, Florida, August, 2002.
- Club Drugs. Microbiology and Cellular Science Student Organization. University of Florida, Gainesville, Florida, September, 2002.

- Analytical Toxicology Considerations in Drugs and Driving Cases, The Effects of Drugs on Human Performance and Behavior, Robert F. Borkestein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, March, 2003.
- Drug and Deaths in Florida, Grand Rounds, Department of Psychiatry, University of Florida College of Medicine, March 2003.
- Forensic Pharmacology, Consumer Chemistry (CHM 1083), University of Florida, April 2003.
- The Role of the Toxicology Laboratory in the Prosecution of Drugged Driving Cases, International Association for Chemical Testing, Cocoa Beach, Florida, April, 2003.
- The Challenge to the Forensic Community. Methadone Associated Mortality: A National Assessment Workshop, Center for Substance Abuse Treatment Substance Abuse and Mental Health Services Administration, Arlington, Virginia, May, 2003.
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- Drug Testing Update, Department of Community Health and Family Medicine. University of Florida College of Medicine, Gainesville, Florida, September, 2003.
- Forensic Toxicology of Methadone – Methadone and Death Investigations. Society of Forensic Toxicologists, Portland, Oregon, October, 2003.
- Methadone Overdose Deaths. National Association of Drug Diversion Investigators, Fort Lauderdale, Florida, November, 2003.
- Pursuing a Career in the Forensic Sciences. Biomedical Research Career Development Seminar, University of Florida Interdisciplinary Program in Biomedical Sciences, Gainesville, Florida, January, 2004.
- Methadone-Associated Mortality: Report of a National Assessment – Toxicological Issues, The 6th International Conference on Pain & Chemical Dependency, Brooklyn, New York, February, 2004.
- Ephedrine: Drug or Supplement? Ephedrine Related Compounds and the Debate on Their Potential for Contribution to Injury – Analytical Issues of Ephedrine and Related Compounds in Possible Injury Cases. American Academy of Forensic Sciences, Dallas, Texas, February, 2004.
- Developing Global Strategies for Identifying, Prosecuting, and Treating Drug-Impaired Drivers – Chemical Sensing of Exhaled Breath, Tampa, Florida, February, 2004.
- Ninth Annual Southern Coastal International Conference – Breath, Blood and Urine Testing, Jekyll Island, Georgia, March, 2004.
- Club Drugs, Shands Hospital Laboratories Continuing Education Program, Gainesville, Florida, April, 2004.
- Analytical Toxicology Considerations in Drugs and Driving Cases, The Effects of Drugs on Human Performance and Behavior, Robert F. Borkestein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, September, 2004.
- Club Drugs, Shands Hospital Laboratories Continuing Education Program, Gainesville, Florida, December, 2004.
- Forensic Toxicology Reference Laboratory and Public Service, Southeastern Association of Pathology Chairs and Department Administrators, St. Petersburg, Florida, January, 2005.

- Evidenced Based Forensic Science: Interpreting Postmortem Toxicology in the Light of Pathologic Findings – Interpreting Postmortem Opioid Measurements. American Academy of Forensic Sciences, New Orleans, Louisiana, February, 2005.
- Drugs and Drug Deaths in Florida. University of Florida Committee on Alcohol and Other Drug Education and Policy, Gainesville, Florida, April, 2005.
- OTC and Prescription Stimulants, Stimulants Workshop (sponsored by Society of Forensic Toxicologists), Orlando, Florida, April 2005.
- Pharmaceutical Abuse, Annual Training for Demand Reduction Program Coordinators, Drug Enforcement Administration, Orlando, Florida, August, 2005.
- Update in Forensic Toxicology: Selected Topics in Death Investigation – Case Studies in Analytical & Forensic Toxicology, North American Congress of Clinical Toxicology 2005, American Academy of Clinical Toxicology, September, 2005.
- An Epidemic of Drug Deaths in Florida, Department of Pathology, Immunology and Laboratory Medicine, University of Florida College of Medicine, Gainesville, Florida, September, 2005.
- Forensic Toxicology Update – Opiates. Society of Forensic Toxicologists, Nashville, Tennessee, October, 2005.
- Interpretation of Toxicological Analysis in the Elderly – Opioids in the Elderly. American Academy of Forensic Sciences, American Academy of Forensic Sciences, Seattle, Washington, February, 2006.
- Pediatric Postmortem Toxicology Session – Toxicological Findings of a Mother and Fetus in a Fatal DUI. American Academy of Forensic Sciences, American Academy of Forensic Sciences, Seattle, Washington, February, 2006.
- Annual Conference on Addictions – An Epidemic of Opioid-Related Deaths in Florida, Florida Society of Addiction Medicine, Lake Mary, FL, March, 2006.
- Methamphetamine: A Deadly Formula – Methamphetamine: Toxicology, Pathology and Treatment, Second Annual Prevention Summit, DISC Village, Inc., Tallahassee, FL, March, 2006
- Analytical Toxicology for Impaired Driving Programs – Laboratory Aspects, The Effects of Drugs on Human Performance and Behavior, Robert F. Borkenstein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, April, 2006.
- Forensic Toxicology, Ninth Forensic Science Educational Conference (FSEC) (sponsored by the American Academy of Forensic Sciences and Court TV), Florida Gulf Coast University, Fort Myers, Florida, May, 2006.
- CE Committee: How Does Your QA/QC Program Measure Up? – Analytical Toxicology – QA/QC Laboratory Aspects. Society of Forensic Toxicologists, Austin, Texas, October, 2006.
- Alcohol Use Disorders Colloquium – Alcohol and Drugs in Trauma Cases, Shands at the University of Florida and the University of Florida, College of Medicine, Division of Acute Care Surgery, Gainesville, FL, February, 2007.
- DUI and DUI Drugs: State of the Art, Florida Society of Addiction Medicine, Gainesville, FL, March, 2007.
- Analytical Toxicology for Impaired Driving Programs – Laboratory Aspects, The Effects of Drugs on Human Performance and Behavior, Robert F. Borkenstein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, April, 2007.

- Multidisciplinary Trauma Conference – Alcohol and Drugs in Trauma Cases, Trauma Services Department, Shands at the University of Florida, May, 2007.
- Methadone-Related Deaths in Florida, Methadone Mortality – A Reassessment. U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Washington D.C., July, 2007.
- Clinical and Translational Science Seminar Series, University of Florida, College of Medicine, Department of Epidemiology & Health Policy Research, Addiction – Forensic Medicine, Gainesville, Florida, September, 2007.
- Toxicology Jeopardy – A Practical Approach to DUID Testing – Confirmation - Method Validation, Society of Forensic Toxicologists, Durham, North Carolina, October, 2007.
- Stop Drugged Driving, The John P. McGovern Lecture, Institute for Behavior and Health, Washington D.C., November, 2007.
- The Cocaine Epidemic, Drug Policy Advisory Council, Florida Office of Drug Control, Tallahassee, Florida, November, 2007.
- Pharmacology - Alcohol and Drug Impaired Driving, 2007 DUI Adjudication Lab, Florida Judiciary Education Program, St. Augustine, Florida, December, 2007.
- Toxicology Issues – Analytical Toxicology, CFS Toxicology Symposium, Centre of Forensic Sciences, Toronto, Ontario, January, 2008.
- The Cocaine Epidemic, Drug Overdose Task Force, Florida Office of Drug Control, Tallahassee, Florida, March, 2008.
- Analytical Toxicology for Impaired Driving Programs – Laboratory Aspects, The Indiana University Robert F. Borkenstein Course on the Effects of Drugs on Human Performance and Behavior, Robert F. Borkenstein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, April, 2008.
- Forensic Toxicology, Ninth Forensic Science Educational Conference (FSEC) (sponsored by the American Academy of Forensic Sciences and Court TV), Florida Gulf Coast University, Fort Myers, Florida, May, 2008.
- Drugged Driving, Grand Rounds, Department of Psychiatry, University of Florida College of Medicine, July, 2008.
- Bad Science: The Floyd Landis Case, International Association of Forensic Sciences, New Orleans, Louisiana, July, 2008.
- The "Stimulating" Realm of Sympathomimetic Amines and Tryptamines – OTC Sympathomimetic Amines, Society of Forensic Toxicologists, Phoenix, Arizona, October, 2008.
- Effects of Drugs on Human Performance and Behavior – A Borkenstein Sampler – Analytical Best Practices for DUID Testing, Society of Forensic Toxicologists, Phoenix, Arizona, October, 2008.
- Pharmacology - Alcohol and Drug Impaired Driving, 2009 DUI Adjudication Lab, Florida Judiciary Education Program, St. Augustine, Florida, January, 2009.
- Analytical Toxicology for Impaired Driving Programs – Laboratory Aspects, The Indiana University Robert F. Borkenstein Course on the Effects of Drugs on Human Performance and Behavior, Robert F. Borkenstein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, April, 2009.

- Methadone Mortality Update – Florida’s Real-time Methadone Surveillance System, American Association for the Treatment of Opioid Dependence, New York, New York, April, 2009.
- Forensic Toxicology in Animal Casework, Veterinary Forensics Conference, William R. Maples Center for Forensic Medicine, University of Florida, Orlando, Florida, May, 2009.
- Presidential Symposium – Epidemiology of Drug Use, Abuse, Misuse and Death from the 60s to Today, American Psychiatric Association, San Francisco, California, May, 2009.
- Methadone Associated Overdose and Mortality Assessment Meeting - Regional Methadone Data Mortality Report – The State of Florida Experience, Drug Enforcement Administration, Washington, D.C., June, 2009.
- Symposium on Energy Drinks – Where the Science Meets Main Street - Pharmacologic Properties of Common Ingredients, SUNY Youth Sports Institute, New York, New York, June, 2009.
- Toxicology: Current Trends and What's New, Florida Association of Medical Examiners Annual Educational Conference, Orlando, Florida, August, 2009.
- ABFT Certification Preparation Class - Laboratory Practice. Society of Forensic Toxicologists, Oklahoma City, Oklahoma, October, 2009.
- Pharmacology - Alcohol and Drug Impaired Driving, 2009 DUI Adjudication Lab, Florida Judiciary Education Program, Sarasota, Florida, December, 2009.
- Journal of Analytical Toxicology, Navigating the World of Forensic Journals and Forensic Information, American Academy of Forensic Sciences, American Academy of Forensic Sciences, Seattle, Washington, February, 2010.
- Keynote Address - A Decade of Deaths in the State of Florida - Prescription Drug Use, Misuse and Abuse, Florida Society of Addiction Medicine, Medical and Scientific Conference on Addictions, Tampa, Florida, March, 2010.
- Keynote Address - Propofol Abuse and the Untimely Death of Michael Jackson, Florida Society of Addiction Medicine, Medical and Scientific Conference on Addictions, Tampa, Florida, March, 2010.
- Forensically Defensible Drug and Alcohol Testing in DUID: Laboratory Aspects, The Effects of Drugs on Human Performance and Behavior, Robert F. Borkenstein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, April, 2010.
- The Medical Consequences of Opium and Heroin Abuse in Afghanistan, Department of Pathology, Immunology and Laboratory Medicine, University of Florida College of Medicine, Gainesville, Florida, April, 2010.
- Saving the Children of Afghanistan - The Consequences of Opium and Heroin Abuse, International Drug Enforcement Conference, Rio de Janeiro, Brazil, April, 2010.
- Forensic Toxicology – Part 1, Shands Hospital Laboratories Continuing Education Program, Gainesville, Florida, May, 2010.
- Forensic Toxicology – Part 2, Shands Hospital Laboratories Continuing Education Program, Gainesville, Florida, June, 2010.
- Forensic Toxicology, Forensic Science Training for Capital Litigators, Bureau of Justice Assistance and the National Clearinghouse for Science, Technology and the Law and the Center for American and International Law, Plano, Texas, July, 2010.
- A Decade of Deaths in the State of Florida - Prescription Drug Use, Misuse and Abuse, Palm Beach County Rx for Change Conference, West Palm Beach, Florida, October, 2010.

- Interpretation of Opioid Measurements: Antemortem and Postmortem, ACMT Seminars in Forensic Toxicology: Opioids, American College of Medical Toxicology, Philadelphia, Pennsylvania, November, 2010.
- Pharmacology - Alcohol and Drug Impaired Driving, 2010 DUI Adjudication Lab, Florida Judiciary Education Program, Clearwater, Florida, December, 2010.
- Toxicologic Workup of the Negative Autopsy, The Negative Autopsy, Interim Scientific Program, National Association of Medical Examiners, Chicago, Illinois, February, 2011
- Forensically Defensible Drug and Alcohol Testing in DUI: Laboratory Aspects, The Effects of Drugs on Human Performance and Behavior, Robert F. Borkestein Center for Studies of Law in Action, Indiana University, Bloomington, Indiana, April, 2011.
- Alcohol and Drug Impaired Driving: State of the Art Investigation and Interpretation, Grand Rounds, Department of Psychiatry, University of Florida College of Medicine, May, 2011.
- Afghanistan Children Opium Study - Impact on the Drug Testing Industry, Drug and Alcohol Testing Industry Association, Miami, Florida, May, 2011.
- Publishing in Journals for Forensic Toxicologists – The Peer Review Process, Society of Forensic Toxicologists, San Francisco, California, September, 2011.
- Helping Scientists Speak Directly to the Press – The Scientist Perspective, National Association of Science Writers, Flagstaff, Arizona, October, 2011.
- Forensic Toxicology, The Institute for Learning in Retirement, Oak Hammock, Gainesville, Florida, November 2011.
- Toxicology of the Drunk Driver, Advanced DUI Seminar, Traffic Safety Resource Prosecutor Program Florida Public Safety Institute, Orlando, Florida, November, 2011.
- Forensic Toxicology, Forensic Science Club, Santa Fe College, Gainesville, Florida, November, 2011.
- Odor Mortis: What Is It Anyway? (Luncheon), American Academy of Forensic Sciences, Atlanta, Georgia, February, 2012.
- Toxicological Case Study – Identifying Toxins in Biological Samples of Drug Users, Trans-Regional Crack Cocaine Symposium, Drug Enforcement Administration Educational Foundation and United States Department of State, Tampa, Florida, March, 2012.
- Speaking to the Media, International Veterinary Forensic Sciences Association, Miami, Florida, May, 2012.
- SWGTOX Update, Florida Association of Medical Examiners, Clearwater Beach, Florida, July 2012.
- Toxicologic Workup of the Negative Autopsy, Florida Association of Medical Examiners, Clearwater Beach, Florida, July, 2012.
- Forensically Defensible Drug and Alcohol Testing in DUI: Laboratory Aspects, The Robert F. Borkestein Course on the Effects of Drugs on Human Performance and Behavior, The Center for Forensic Science Research and Education, Philadelphia, Pennsylvania, October, 2012.
- Recent Advances in Drug Testing, UF & Professionals Resource Network Afternoon of Research on Addiction and Impairment, Gainesville, Florida, February, 2013.
- Forensic Toxicology – Postmortem Drug Redistribution, International Veterinary Forensic Sciences Association, Orlando, Florida, May, 2013.

- Opioid Related Deaths, Postmortem Interpretive Toxicology, The Center for Forensic Science Research and Education, Philadelphia, Pennsylvania, June, 2013.
- SWGTOX Update, Florida Association of Medical Examiners, Clearwater Beach, Florida, July 2013.
- Urine Drug Testing in Pain Management: You've Got Questions, We've Got Answers. An Interactive Session with a Pain Physician and a Laboratory Scientist, American Academy of Pain Management, Orlando, Florida, September, 2013.
- Speaking to the Masses – Effective Communication of Forensic Science, High Profile Cases in Toxicology - Lessons Learned, Society of Forensic Toxicologists, Orlando, Florida, October, 2013.
- Forensically Defensible Drug and Alcohol Testing in DUID: Laboratory Aspects, The Robert F. Borkenstein Course on the Effects of Drugs on Human Performance and Behavior, The Center for Forensic Science Research and Education, Sacramento, California, November, 2013.
- Alcohol and Drug Testing, Primary Care, Pain Medicine and Addiction Conference, Department of Psychiatry, University of Florida, College of Medicine, Gainesville, Florida, November, 2013.
- Forensic Toxicology Laboratory Perspective, Managing the 21st Century Forensic Science Organization, American Academy of Forensic Sciences, Seattle, Washington, February, 2014.
- Forensic Toxicology – Scientific Basis, Practice and Research, Department of Chemistry, Florida International University, Miami, Florida, March, 2014.
- Forensically Defensible Analytical Practices, The Robert F. Borkenstein Course on Drugs and Alcohol, The Center for Forensic Science Research and Education, The University of Glasgow, Scotland, UK, April, 2014.
- Drug Testing Update: Discussion with a Clinician and Toxicologist, American Academy of Pain Management, Phoenix, Arizona, September, 2014.
- Forensically Defensible Drug and Alcohol Testing in DUID – Laboratory Aspects, The Robert F. Borkenstein Course on Drugs and Alcohol, The Center for Forensic Science Research and Education, Philadelphia, Pennsylvania, September, 2014.
- ABFT Forensic Toxicology Laboratory Accreditation, Laboratory Accreditation: A Look at Accrediting Bodies and the Top 10 Assessment Findings, Annual Meeting of the Society of Forensic Toxicologists, Grand Rapids, Michigan, October, 2014.
- iThenticate, Oxford Journals Day, Cary, North Carolina, October, 2014.
- Drugged Driving: A Toxicologist Perspective, AAA Drugged Driving Summit, Tampa, Florida, January, 2015.
- Toxicology of Opioid Related Deaths, Postmortem Interpretive Toxicology, The Center for Forensic Science Research and Education, Philadelphia, Pennsylvania, January, 2015.
- Keys to Effective Testimony, Testimony Workshop, Association of Official Racing Chemists, Tampa, Florida, April, 2015.
- Toxicology and Drugged Drivers, Prosecuting the Drugged Driver, Florida Traffic Safety Resource Prosecutor Program, Orlando, Florida, April 2015.
- Forensically Defensible Drug and Alcohol Testing in DUID - Laboratory Aspects, The Robert F. Borkenstein Course on Drugs and Alcohol, The Center for Forensic Science Research and Education, Tempe, Arizona, September, 2015.

New Developments in PDMPs: South Carolina, Wisconsin and Florida, National Rx Drug Abuse & Heroin Summit, March, 2016.

The Epidemic of Fentanyl and Fentanyl Analog Deaths in Florida, International Association for Chemical Testing, April, 2016.

Drugged Driving: A Toxicologist Perspective, AAA Drugged Driving Summit, Portland, Maine, May, 2015.

Toxicology of Opioid Related Deaths, Postmortem Interpretive Toxicology, The Center for Forensic Science Research and Education, Philadelphia, Pennsylvania, June, 2016.

MEC Drugs Identified in Deceased Persons, Statewide Drug Policy Advisory Council Meeting, Florida Department of Health, Tallahassee, Florida, August, 2016.

Forensically Defensible Drug and Alcohol Testing in DUID - Laboratory Aspects, The Robert F. Borkestein Course on Drugs and Alcohol, The Center for Forensic Science Research and Education, Philadelphia, Pennsylvania, September, 2016.

Forensic Toxicology, Department of Physiological Sciences, University of Florida College of Veterinary Medicine, Gainesville, Florida, October, 2016.

Post-Mortem Forensic Toxicology Testing, Overdose Subcommittee, Council of State and Territorial Epidemiologists, December, 2016.

ABFT Laboratory Accreditation, Quality Infrastructure Committee, Organization of Scientific Area Committees for Forensic Science, January, 2017.

Toxicology, Enhanced State Opioid Overdose Surveillance (ESOOS) Awardee Meeting, Centers for Disease Control and Prevention Atlanta, Georgia, May, 2017.

Toxicology 101 – “Decoding” Source Document Information, National Violent Death Reporting System (NVDRS) Reverse Site Visit, Centers for Disease Control and Prevention, New Orleans, Louisiana, May, 2017.

Forensically Defensible Drug and Alcohol Testing in DUID - Laboratory Aspects, The Robert F. Borkestein Course on Drugs and Alcohol, The Center for Forensic Science Research and Education, Austin, Texas, September, 2017.

The Cold Truth of FROST in Florida, International Forum for Drug and Alcohol Testing, Clearwater Beach, Florida, October, 2017.

Drug Overdose Deaths, State of Florida House Subcommittee, Tallahassee, Florida, November, 2017.

Surveillance of Drug Overdose Deaths in the State of Florida, International Society for Disease Surveillance, Orlando, Florida, February, 2018

The National Opioid Overdose Epidemic, Northeastern University, Boston, Massachusetts, April, 2018.

Decades of Drug Surveillance – Monitoring Prescription and Illicit Drug Use, Misuse and Abuse, Northeastern University, Boston, Massachusetts, April, 2018.

Toxicology 101, National Violent Death Reporting System (NVDRS) Reverse Site Visit, Centers for Disease Control and Prevention, New Orleans, Louisiana, May, 2018.

Understanding Toxicology Data and Key Indicators, Enhanced State Opioid Overdose Surveillance (ESOOS) Awardee Meeting, Centers for Disease Control and Prevention Atlanta, Georgia, May, 2018

NATIONAL MEDIA APPEARANCES

In Search of Jesse James, A&E and History Channel, 1996
Party Drug, Fatal Drug, 48 Hours, CBS News, 2001
PMA, Channel One News, 2001
Addicted: An OxyContin Tragedy, 48 Hours, CBS News, 2002
Ecstasy – Nothing to Rave About, Florida’s News Channel, 2002
Hooked On Club Drugs, VH1, 2002
State of Florida v. Rachel Sercey Trial, Court TV, 2003
State of Florida v. Laura Roberts, Inside Edition, 2004
Secrets from the Grave, 48 Hours, CBS News, 2005
Caffeine in Decaf Coffee, Today Show, MSNBC, 2006
Caffeine in Energy Drinks, National Public Radio, 2007
Death of Daniel Smith, CNN, 2007
Death of Daniel Smith, MSNBC, 2007
Death of Anna Nicole Smith, Fox News and Court TV, 2007
Prescription Drug Abuse (Heath Ledger), Good Morning America, ABC News, 2008
Mark Jensen Trial, TruTV Courtside, 2008
Michael Jackson: The Man and His Music, ABC News 20/20, June 2009
Death of Michael Jackson, Good Morning America, ABC, July 2009
Michael Jackson: The Final Hours, Dateline NBC, July 2009
Death of Michael Jackson, Good Morning America, ABC News, August 2009
Needle in a Haystack, Forensic Files, truTV, September 2009
The Secret Life of Michael Jackson, Dateline NBC, February 2010
Skyrocketing Heroin, Opium Use Ensnaring Afghan Children, ABC World News, April 2010
Skyrocketing Heroin, Opium Use Ensnaring Afghan Children, ABC Nightline, April 2010
Alcoholic Energy Drinks, CBS Evening News, October 2010
Dr. G: Medical Examiner – Inside the Caylee Anthony Case, Discovery Health Channel, January 2012
Aeroshot, ABC World News, February 2012
The Death of Brittany Murphy, CNN, November 2013
Josh Brent Trial, Good Morning America, ABC News, January 2014
Darren Sharper, Good Morning America, ABC News, March 2015
Kim Jong-Nam, CNN, February 2017

PUBLICATIONS***Books***

1. Liu RH and Goldberger BA (eds). Handbook of Workplace Drug Testing. AACCC Press, 1995 (380 pages) [second printing 1996 – 396 pages; Chinese translation 1997 – 448 pages].
2. Jenkins AJ and Goldberger BA (eds). On-Site Drug Testing. Humana Press, Inc., 2002 (276 pages).

3. Ropero-Miller JD and Goldberger BA (eds). *Handbook of Workplace Drug Testing*, 2nd Edition. AACC Press, 2008 (485 pages).
4. Caplan YH and Goldberger BA (eds). *Garriott's Medicolegal Aspects of Alcohol*, 6th Edition, Lawyers & Judges Publishing Company, 2015 (702 pages).

Chapters

1. Goldberger BA and Cone EJ: Heroin. *in* Encyclopedia of Analytical Science. Academic Press, 1995 (pp. 3861-3866).
2. Inoue T, Seta S and Goldberger BA: Analysis of drugs in unconventional samples. *in* Handbook of Workplace Drug Testing. AACC Press, 1995 (pp. 131-158).
3. Garside D and Goldberger BA: Determination of cocaine and opioids in hair. *in* Drug Testing in Hair. CRC Press, Inc., 1996 (pp. 151-180).
4. Winecker RE and Goldberger BA: Urine specimen suitability for drug testing. *in* Drug Abuse Handbook. CRC Press, Inc., 1998 (pp. 764-772).
5. Goldberger BA and Jenkins AJ: Drug Toxicology. *in* Sourcebook on Substance Abuse: Etiology, Epidemiology, Assessment, and Treatment. Allyn & Bacon, 1999 (pp. 184-196).
6. Kerrigan S and Goldberger BA: Opioids. *in* Principles of Forensic Toxicology. AACC Press, 1999 (pp. 202-220).
7. Magura S, Laudet A and Goldberger BA: Improving the validity of behavioral drug abuse research through drug testing. *in* Drug Testing Technology: Assessment of Field Applications. CRC Press, 1999 (pp. 215-233).
8. Garside D and Goldberger BA: Forensic and Medicolegal Issues. *in* Atlas of Hair and Nails. Churchill Livingstone, 1999 (pp. 227-232).
9. Kerrigan S and Goldberger BA: Drugs of Abuse - Body Fluids. *in* Encyclopedia of Forensic Sciences. Academic Press, 2000 (pp. 616-626).
10. Ropero JD and Goldberger BA. Opioids. *in* The Clinical Toxicology Laboratory - Contemporary Practice in Clinical Toxicology. AACC Press, 2001 (pp. 73-96).
11. Kerrigan S and Goldberger BA: Opioids. *in* Principles of Forensic Toxicology. AACC Press, 1999 (pp. 202-220). {revised – 2003} – 2nd Edition.

12. Caplan YH and Goldberger BA: Blood, Urine and Other Fluid and Tissue Specimens for Alcohol Analyses. *in* Medical-Legal Aspect of Alcohol, 4th Edition. Lawyers & Judges Publishing Company, 2003 (pp. 149-159).
13. Merves ML and Goldberger BA: Heroin. *in* Encyclopedia of Analytical Science, second Edition. Elsevier Press, 2005 (pp. 260-266).
14. Kerrigan S and Goldberger BA: Forensic Toxicology. *in* Forensic Nursing. Elsevier Mosby Publishing, 2005 (pp. 123-139).
15. Kerrigan S and Goldberger BA: Substance Misuse – Alternative Body Fluids Analysis. *in* Encyclopedia of Forensic and Legal Medicine. Elsevier Press, 2005 (pp. 192-201).
16. Isenschmid DS and Goldberger BA: Workplace Testing – Analytical Considerations and Approaches for Drugs. *in* Drug Abuse Handbook, 2nd Edition. CRC Press, Inc., 2007 (pp. 775-799).
17. Merves ML and Goldberger BA: Quality Assurance, Quality Control, and Method Validation in Chromatographic Applications. *in* Chromatographic Methods in Clinical Chemistry and Toxicology. John Wiley & Sons, Ltd., 2007 (pp. 1-14).
18. Kerrigan S and Goldberger BA: Specimens of Maternal Origin – Amniotic Fluid & Breast Milk. *in* Drug Testing in Alternative Biological Specimens. Humana Press, Inc., 2008 (pp. 1-18).
19. Caplan YH and Goldberger BA: Blood, Urine and Other Fluid and Tissue Specimens for Alcohol Analyses. *in* Medical-Legal Aspect of Alcohol, 5th Edition. Lawyers & Judges Publishing Company, 2008 (pp. 205-215).
20. Goldberger BA, Caplan YH and Shaw RF. Methods for Fluid Analysis. *in* Medical-Legal Aspect of Alcohol, 5th Edition. Lawyers & Judges Publishing Company, 2008 (pp. 255-268).
21. Caplan YH and Goldberger BA: Legal Proceedings and the Expert Witness. *in* Medical-Legal Aspect of Alcohol, 5th Edition. Lawyers & Judges Publishing Company, 2008 (pp. 423-436).
22. DuPont RL, Goldberger BA and Gold MS: Clinical and legal considerations in drug testing. *in* Principles of Addiction Medicine, 4th Edition. Lippincott Williams & Wilkins. 2009 (pp. 1499-1507).
23. Kerrigan S and Goldberger BA: Opioids. *in* Principles of Forensic Toxicology, 3rd Edition. AACCC Press, 2010 (pp. 225-244).

24. Goldberger BA, Chronister CW and Merves ML: Quantitation of Benzodiazepines in Blood and Urine using Gas Chromatography-Mass Spectrometry (GC-MS). *in* Clinical Applications of Mass Spectrometry. Humana Press, 2010 (pp. 75-87).
25. Goldberger BA, Chronister CW and Merves ML: Quantitation of Fentanyl in Blood and Urine using Gas Chromatography-Mass Spectrometry (GC-MS). *in* Clinical Applications of Mass Spectrometry. Humana Press, 2010 (pp. 245-252).
26. Goldberger BA, Chronister CW and Merves ML: Quantitation of Opioids in Blood and Urine using Gas Chromatography-Mass Spectrometry (GC-MS). *in* Clinical Applications of Mass Spectrometry. Humana Press, 2010 (pp. 399-410).
27. Goldberger BA, Chronister CW and Merves ML: Quantitation of Oxycodone in Blood and Urine using Gas Chromatography-Mass Spectrometry (GC-MS). *in* Clinical Applications of Mass Spectrometry. Humana Press, 2010 (pp. 453-460).
28. Merves ML and Goldberger BA. Forensic Toxicology. *in* Principles of Addictions and the Law – Applications in Forensic, Mental Health, and Medical Practice. Elsevier, 2010 (pp. 193-201).
29. Kerrigan S and Goldberger BA: Forensic Toxicology. *in* Forensic Nursing Science, 2nd Edition. Elsevier Mosby Publishing, 2011 (pp. 105-121).
30. DuPont RL, Goldberger BA and Gold MS: Clinical and legal considerations in drug testing. *in* Principles of Addiction Medicine – The Essentials. Lippincott Williams & Wilkins, 2011 (pp. 593-598).
31. Hortin GL and Goldberger BA: Chromatography and Extraction. *in* Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 5th Edition. Elsevier, 2012 (pp. 307-328).
32. Ropero-Miller JD, Goldberger BA and Reisfield GM: Opioids. *in* The Clinical Toxicology Laboratory: Contemporary Practice of Poisoning Evaluation, 2nd Edition. AACC Press, 2013 (pp. 155-177).
33. Goldberger BA and Wilkins DG: Analytical and Forensic Toxicology. *in* Casarett & Doull's Toxicology: The Basis Science of Poisons, 8th Edition. McGraw-Hill Education, 2013 (pp. 1357-1374).
34. Kerrigan S and Goldberger BA: Opioids. *in* Principles of Forensic Toxicology, 4th Edition. AACC Press, 2013 (pp. 271-291).
35. DuPont RL, Goldberger BA and Gold MS: The Science and Clinical Uses of Drug Testing. *in* The ASAM Principles of Addiction Medicine, 5th Edition. Wolters Kluwer, 2014 (pp. 1717-1729).

36. Wagner JR, Caplan YH and Goldberger BA: Specimen Considerations for Alcohol Testing. *in* Garriott's *Medicolegal Aspects of Alcohol*, 6th Edition, Lawyers & Judges Publishing Company, 2015 (pp. 195-214).
37. Goldberger BA, Caplan YH and Levine B: Methods for Biological Specimen Alcohol Testing. *in* Garriott's *Medicolegal Aspects of Alcohol*, 6th Edition, Lawyers & Judges Publishing Company, 2015 (pp. 253-269).
38. Caplan YH and Goldberger BA: Legal Proceedings and the Expert Witness. *in* Garriott's *Medicolegal Aspects of Alcohol*, 6th Edition, Lawyers & Judges Publishing Company, 2015 (pp. 641-654).
39. DuPont RL, Goldberger BA and Gold MS: The Science and Clinical Uses of Drug Testing. *in* *The ASAM Essentials of Addiction Medicine*, 2nd Edition. Wolters Kluwer, 2015 (pp. 634-640).
40. Kerrigan S and Goldberger BA: Substance Misuse: Alternative Body Fluids Analysis. *in* *Encyclopedia of Forensic and Legal Medicine*, 2nd Edition, Volume 4, Elsevier, 2016 (pp. 350-362).

Monographs

1. Jenkins AJ and Goldberger BA: Forensic chemistry: The analysis of controlled substances. *Therapeutic Drug Monitoring and Toxicology In-Service Training and Continuing Education Program*, American Association for Clinical Chemistry 13(1):7-15, 1991.
2. Jenkins AJ and Goldberger BA: New antidepressants. *Therapeutic Drug Monitoring and Toxicology In-Service Training and Continuing Education Program*, American Association for Clinical Chemistry 15:79-87, 1994.
3. Goldberger BA, Watts VW and Simonick TF: Analysis of volatiles by headspace gas chromatography. *Therapeutic Drug Monitoring and Toxicology In-Service Training and Continuing Education Program*, American Association for Clinical Chemistry 15:231-236, 1994.
4. Goldberger BA: Acetaminophen, Caffeine, Chloramphenicol, Lithium and Procainamide Drug Monographs. *in* *Drug Monitoring Data Pocket Guide II*. AACC Press, 1994.
5. Goldberger BA: Opiates. *Abused Drugs Monograph Series*. Abbott Diagnostics, 1994.
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