

CURRICULUM VITAE

Personal Information

Name: Marsha Dean Ford

Business Address: Carolinas Poison Center
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Charlotte, NC 28232

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Email: marsha.ford@carolinashealthcare.org

Education

1989 -1990 Fellow, Medical Toxicology
Bellevue Hospital Center, New York
University Hospital and New York City
Poison Control Center, New York, NY

1979 - 1982 Resident and Chief Resident, Internal Medicine,
Brookdale Hospital, Brooklyn, NY

1975 -1979 M.D., Medical University of South Carolina,
Charleston, SC

1967 - 1971 B.A., Philosophy and Religion
Winthrop College, Rock Hill, SC

Post-graduate Training

2006 Graduate, Intermountain Healthcare Institute Advanced
Training Program Headed by Dr. Brent James, this program
teaches methods to improve quality and clinical practice through
teamwork and process improvement as well as understand national
health policy, health care economics, and consumer markets.

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- 2006 Six Sigma Green Belt, Central Piedmont Community College, Charlotte, NC Studied process improvement program utilized by GE and other industries, including healthcare systems.
- 2007 Carolinas Healthcare System & Carolinas Physician Network Physician Leadership Institute, McColl School of Business, Queens University of Charlotte, Charlotte, NC

Employment History

- 2006-Present **ADJUNCT PROFESSOR**, Department of Emergency Medicine, School of Medicine, University of North Carolina-Chapel Hill, Chapel Hill, NC University-wide title change from “Clinical” to “Adjunct”.
- 2000 – 2006 **CLINICAL PROFESSOR**, Department of Emergency Medicine, School of Medicine, University of North Carolina-Chapel Hill, Chapel Hill, NC
- 1997-Present **DIRECTOR, CAROLINAS POISON CENTER**, Carolinas Medical Center, Charlotte, NC Designated official poison center for the state of North Carolina.
- 1992-2002 **MEDICAL DIRECTOR, CAROLINAS POISON CENTER**, Carolinas Medical Center, Charlotte, NC
- 1990-Present **DIRECTOR, DIVISION OF TOXICOLOGY**, Department of Emergency Medicine, Carolinas Medical Center, Charlotte, NC
- 1993-Present **MEDICAL REVIEW OFFICER, DRUG TESTING PROGRAM**, Carolinas Medical Center, Charlotte, NC
- 1995-2000 **CLINICAL ASSOCIATE PROFESSOR**, Department of Emergency Medicine, School of Medicine, University of North Carolina-Chapel Hill, Chapel Hill, NC
- 1993-1995 **CLINICAL ASSISTANT PROFESSOR**, Department of Emergency Medicine, School of Medicine, University of North Carolina-Chapel Hill, Chapel Hill, NC

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American Board of Emergency Medicine
Special Qualifications in Medical Toxicology 1994, 2008
American Board of Medical Toxicology 1990
American Board of Internal Medicine 1982

Professional Societies

American College of Emergency Physicians
North Carolina College of Emergency Physicians
North Carolina Medical Society
Mecklenburg County Medical Society
American College of Medical Toxicology
American Association of Clinical Toxicology
American Association of Poison Control Centers

Professional Service

American Board of Emergency Medicine

2000-2002	Chairman, Medical Toxicology Subboard
1999-2000	Vice-Chairman, Medical Toxicology Subboard
1998 – 2003	Member, Medical Toxicology Subboard

Editorial Appointments

2003-2006	Editorial Board, Journal of Toxicology Clinical Toxicology
1999-2008	Reviewer, Journal of Toxicology Clinical Toxicology
1996-2002 & 1991 – 1993	Reviewer, <i>Annals of Emergency Medicine</i>

Other

1987-1990	Member, Affiliate Medical Committee, Planned Parenthood of Greater Charlotte
1987-1989	Member, Local Emergency Preparedness Committee (LEPC), Mecklenburg County Chair, Training Task force charged with implementing SARA legislation.
1986-1987	Member, Emergency Response Communications Subcommittee, Charlotte Community Awareness and Emergency Response Task Force, Charlotte,

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NC

Grants Funded

Centers for Disease Control and Prevention (CDC). "The Effectiveness of Extending a Citywide Emergency Department Care Coordination Program to Prevent Prescription Drug Overdoses." 00HCUHD2-2011-00504, Aug 1, 2011 – Jul 31, 2013, \$745,000. Co-Primary Investigator.

Healthcare Systems Bureau, HRSA, U.S. Department of Health and Human Services. Poison Control Centers Stabilization and Enhancement Grant— Incentive Grant. U4BHS19191. \$300,000 total for 2010-2013.

Healthcare Systems Bureau, HRSA, U.S. Department of Health and Human Services. Poison Control Centers Stabilization and Enhancement Grant— Incentive Grant. CFDA U4BHS08566 \$330,549 total for 2007-2010

Carolinas Healthcare Foundation – Kohl's grant. \$75,871 for 2006-2007

Centers for Disease Control and Prevention (CDC), Mock Chemical Terrorism Study. \$40,000 for 2005-2006

North Carolina Health and Wellness Trust Fund Commission— Medication Assistance Program grant. \$50,000 for 2004-2006

Maternal Child Health Bureau, HRSA, U.S. Department of Health and Human Services. Poison Control Centers Stabilization and Enhancement Grant— Incentive Grant. CFDA 93.253. \$150,000 for 2004-2005

Maternal Child Health Bureau, HRSA, U.S. Department of Health and Human Services. Poison Control Centers Stabilization and Enhancement Grant— Incentive Grant. CFDA 93.253. \$150,000 for 2003-2004

Smart Start of Mecklenburg County - #88 – "Caution Curriculum for Parent/Caregiver". \$33,720. Funded 7/1/2002 – 6/30/2003

HRSA, U.S. Department of Health and Human Services. Poison Control Centers Stabilization and Enhancement Grant—Financial Stabilization, numerous awards. CFD# 93-253. \$395,000 for 2001-2002; \$423,310 for 2002-2003; \$468,531 for 2003-2004; \$507,486 for 2004-2005; \$507,486 for 2005-2006; \$532,115 for 2006-2007; \$558,586 for 2007-2008; \$622,000 for 2008-2009; \$701,923 for 2009-2010; \$737,481 for 2010-2011.

State of North Carolina. Recurring \$1,236,492 grant to Carolinas Poison

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Center, July 2001 -June 2007; \$1,436,492 beginning July 2007

Smart Start of Mecklenburg County - #88 – “Caution Curriculum for Parent/Caregiver”. \$47,468.00. Funded 7/1/2001 – 6/30/2002

Smart Start of Mecklenburg County - #88 – “Caution Curriculum for Parent/Caregiver”. \$68,772.75. Funded 7/1/2000 – 6/30/2001

Smart Start of Mecklenburg County - #88 – “Caution Curriculum for Parent/Caregiver”. \$40,239. Funded 2/1/2000 – 6/30/2000

Health Services Foundation - 012823 - "A Comparison of Treatments for Iron-Mediated Toxicity in Isolated Rat Hearts." \$10,703. Funded 3/10/95

"Developing A State ACEP Key Contact System". Chapter grant, American College of Emergency Physicians. Author of grant, co-producer of video and co-writer of script, 1989 – 1990

Contracts

Preparedness and All Hazards Act grant through NC Division of Public Health, \$600,000 for 2007-2009

North Carolina Office of Emergency Medical Services—Surge Capacity: Communications and Information Technology. \$98,517 for 2005-2006; \$110,236 for 2006-2007

North Carolina Office of Emergency Medical Services—Education and Preparedness Training. \$56,425 for 2004-2005

North Carolina DHHS Public Health Bioterrorism Surveillance. \$110,000 for 2003-2004; \$80,000 for 2006-2007

Multicenter Research Groups

Tricyclic Antidepressant Study Group

The META Study Group Enrolled patients in multicenter study of fomepizole treatment of ethylene glycol and methanol poisoning.

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Committees/Task Forces/Working Groups/Panels

Carolinas HealthCare System

2009 – 2011	Member, PITAC (Physician Information Technology Advisory Council) Clinical Decision Support Team - Pharmacy
2008 – 2011	Member, Carolinas Healthcare System Executive Recovery Audit Contractors (RAC) Task Force

Carolinas Medical Center

2009	Physician Champion, CR Discharge Medications Pilot Task Force
2007 – 2010	Member, Curriculum Committee for Leadership Development Institute, Carolinas Medical Center-Metro
2006 – 2008	Chairman, Carolina Care Pharmacy and Therapeutics
2005 – 2008	Physician Champion, Surgical Care Improvement Project
2005 – 2007	Chair, Standardized Order Sets Task Force
2002 – 2011	Chairman, Pharmacy and Therapeutics
2000 – 2002	Vice-Chairman, Pharmacy and Therapeutics
1991 – 2011	Member, Pharmacy and Therapeutics
1991 - 1994	Hyperbaric Committee

Mecklenburg County Medical Society

1997 - 1998	Program Committee
1993 - 1995	Community Service Fund Committee
1987 – 2000	Media Panel
1988 -1989	Chair, Sexually Transmitted Diseases Committee
1986 -1988	Member, Society Program
	Member, Mental Health / Impaired Physicians
	Member, Medical / Legal

State

NC College of Emergency Physicians

1998--1999	Past President
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1997 –1998	President
1996 - 1997	President-Elect
1998-1999 & 1995 - 1997	Chair, Legislative Committee
1990 – 2013	Councillor
1986 -1990	Alternate Councillor
1994 –1998 & 1987 -1990	Board of Directors

North Carolina Medical Society

1985 -1986	Chair, Section on Emergency Medicine, North Carolina Medical Society
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Other

2010	Member, Healthy North Carolina 2020, Injury and Violence Subcommittee, North Carolina Institute of Medicine
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2010	Planning committee, <i>America's Healthcare Policy through the Lens of Environmental Health</i> . September 2010 Environmental Health Summit, Research Triangle Environmental Health Collaborative
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2009 - Present	Member, North Carolina Injury and Violence Prevention State Advisory Council, Division of Public Health, Department of Health and Human Services, North Carolina. <i>Leader, Unintentional Poisoning Subgroup</i>
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2003	Member, Comprehensive Groundwater Program Stakeholders group, Mecklenburg County Land Use & Environmental Services Agency
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2002 – 2004	Member, Task Force To Prevent Deaths From Unintentional Drug Overdoses, Division of Public Health, North Carolina Office of Health and Human Services
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2002 – 2008	Bioterrorism Preparedness Steering Committee, Division of Public Health, NC Department of Health
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and Human Services

- 1999 – 2001 Victim Assistance Resource Committee, United Way, Charlotte, NC
- 1985 -1987 Medical Committee, Task Force on Child Sexual Abuse, North Carolina Council on the Status of Women, Raleigh, NC
- 1983 -1989 Rape Crisis Resource Committee, United Way, Charlotte, NC
- 1984 Medical Committee, Sexual Assault Task Force, North Carolina Council on the Status of Women, Raleigh, NC Designed standard sexual assault examination form for statewide use.

National

- 2007 Member, Financial Stabilization Work Group, Poison Control Centers, Health Resources and Services Administration (HRSA) Chair, Funding Subgroup.
- 2003-2004 Primary reviewer, FDA Clinical Grant Program.
- 2003-2004 Institute of Medicine, Stakeholders Panel, HPDP-02-05-A “The Future of Poison Prevention and Control Services” project
- 2001 Reviewer, “Update of the 1999 Arsenic in Drinking Water Report”, The National Academies.
- 1997-2000 American College of Medical Toxicology Occupational & Environmental Medicine Subcommittee
- 1996-1997 Institute of Medicine, Task Force on Personnel Needs in Toxicology, Washington, DC
- 1996 -1997 Phase III Study Group, Poison Control Center Leadership Group Federal work group to study funding issues for poison centers.

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1994 - 1995 Poison Control Centers Leadership Group Federal
work group to study funding issues for poison centers.

American College of Emergency Physicians

Educational Meetings Committee

1992 -1994	Chair
1991 -1992	Co-Chair
1994	Organizer, ACEP Research Forum, San Diego, CA Organized the inaugural research meeting for the American College of Emergency Physicians.
1990 & 1994	Chair, Task Force on Reimbursement/Coding Meetings
1989	Chair, Long Range Planning Task Force
1986 -1991	Member Planner, Scientific Assembly 1987 and 1988. Planner, Clinical Track, 1990 Winter Symposium.

Other Committees/Task Forces

2010-Present 1996 – 1999	Federal Government Affairs Committee
2009	Chair, Poison Centers Task Force
2009	Council Credentials & Tellers Committee
2004	Council Awards Committee
2003	Council Officer Nominating Committee
2001 - 2002	Board Nominating Committee
2000 – 2004	Finance Committee, American College of Emergency Physicians
2000 - 2002	International Emergency Medicine Task Force

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2000 - 2001	Council Officer Nominating Committee
1999 - 2000	Council Awards Committee
1998 -1999	Council Nominating Committee
1997 -1998	By-Laws Interpretation Committee
1996 - 1999	Board of Directors, National Emergency Medicine Political Action Committee
1995 - 1996	State Legislative/Regulatory Committee
1994 - 1996	Council Steering Committee

International

1998 - 2000	Conference Coordinator, 8 th International Conference on Emergency Medicine International conference organized by American College of Emergency Physicians and held in Boston, MA, May 4-7, 2000.
1994 - Present	Chair, Subcommittee on International Meetings. American College of Emergency Physicians
1989 -1994	Member, International Meetings Task Force, American College of Emergency Physicians Chief Planner, 1992 International Emergency Medicine Meeting (ICEM), Washington, D.C.; ACEP Contribution, 1994 ICEM London, 1996 ICEM Australia.

American Association of Poison Control Centers

2012 – Present	President
2010- 2012	President-elect
2005 – 2007	Member, AAPCC Toxic Exposure Surveillance System (TESS) Task Force
2003	Member, AAPCC Advisory Panel for Terrorism and Hazard Surveillance Using TESS Joint Advisory Panel with CDC.
2002--2004	Chair, National Capital Poison Center/American

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	Association of Poison Control Centers Task Force
2001—2004	Board of Directors, American Association of Poison Control Centers
2000 –2003	Scientific Review Committee
2000	Long Range Planning Task Force

Publications

Refereed Journals

Ford MD, Dulaney AR. Prescription Drug Overdose and Misuse: Data from Carolinas Poison Center. 2013;74:244.

Beuhler M, Wittler M, **Ford MD**, Dulaney A. A controlled evaluation of case clinical effect coding by poison center specialists for detection of WMD scenarios. Clin Toxicol (Phila). 2011; 49(7):684-90.

Ford MD. Unintentional poisoning in North Carolina: an emerging public health problem. N C Med J 2010;71:542-546.

Hoffman RS, Kirrane BM, Marcus SM for the **Clenbuterol Study Investigators**. A descriptive study of an outbreak of clenbuterol-containing heroin. Ann Emerg Med 2008;52:548-553.

Sasser H, Nussbaum M, Beuhler M, **Ford M**. Classification tree methods for development of decision rules for botulism and cyanide poisoning. J Medical Toxicol 2008;4:77-83.

Raymond LW, **Ford MD**. Severe illness in furniture makers using a new glue: 1-bromopropane toxicity confounded by arsenic. J Occup Environ Med 2007;49:1009-1019.

Lavonas EJ, Beuhler MC, **Ford MD**, et al. Intravenous administration of N-acetylcysteine: oral and parenteral formulations are both acceptable [Letter]. Ann Emerg Med. 2005;45:223-4.

Medical Toxicology Core Content Task Force, Wax PM, **Ford MD**, Bond GR, et al. The core content of medical toxicology. Ann Emerg Med 2004; 43: 209-14.

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Lavonas EJ, Tomaszewski CA, **Ford MD**, et al. Severe puff adder (*Bitis arietans*) envenomation with coagulopathy. *J Toxicol Clin Toxicol* 2002;40: 911-918.

Raymond LW, **Ford MD**, Porter WG, Saxe JS, Ullrich CG. Maternal-fetal lead poisoning from a 15-year-old bullet. *J Maternal-Fetal Neonat Med* 2002;11:63-66.

Morgan B, **Ford M**, Follmer R. Ethylene glycol ingestion resulting in brainstem and midbrain dysfunction. *J Tox Clin Toxicol* 2000;38:445-451.

Brent J, McMartin K, Phillips S, Burkhart K, Donovan W, Wells M, Kulig K, & **the META Study Group**. Fomepizole for the treatment of ethylene glycol poisoning. *New Engl J Med* 1999;340:832-8.

Yuan TH, Kerns WP II, Tomaszewski CA, **Ford MD**, Kline JA. Insulin-glucose as rescue therapy for severe calcium channel antagonist poisoning. *J Toxicol Clin Toxicol* 1999;37:463-474.

Watts JA, **Ford MD**. Iron-mediated cardiotoxicity develops independently of extracellular hydroxyl radicals. *J Toxicol Clin Toxicol* 1999;37:19-28.

Moreau CL, Kerns W II, Tomaszewski CA, McMartin KE, Rose SR, **Ford MD**, Brent J, The META Study Group. Glycolate kinetics and hemodialysis clearance in ethylene glycol poisoning. *J Toxicol Clin Toxicol* 1998; 36: 659-672.

Phillips S, Brent J, Kulig K, Heiligenstein J, Birkett M, and **the Antidepressant Study Group**. Fluoxetine versus tricyclic antidepressants: A prospective multicenter study of antidepressant drug overdoses. *J Emerg Med* 1997;15:439-445.

Austin J, **Ford MD**, Rouse A. et al. Acute intravaginal misoprostol toxicity with fetal demise. *J Emerg Med* 1997; 15:61-64.

Trummel J, **Ford M**, Austin P. Ingestion of an Unknown Alcohol. *Ann Emerg Med* 1996;27:368-374.

Litovitz TL, Felberg L, Soloway RA, **Ford M**, Geller R. 1994 Annual

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Report of the American Association of Poison Control Centers Toxic Exposure Surveillance System. *Am J Emerg Med* 1995; 13:551-597.

Kerns W, English B, **Ford M**. Propafenone Overdose. *Ann Emerg Med* 24:98-103,1994.

Virella G, Hipp WH, John J, Kahaleh S, **Ford M**, Fudenberg HH. Nephelometric Detection of Soluble Immune Complexes. *Methodology and Clinical Applications. Int. Arch. Allergy Appl. Immunol.*, 58 (4): 402-410, 1979.

Abstracts

Ford MD, Beuhler MC, Rembert RS. Poison center utilization results in avoidance of medical care expenditures. *Clin Toxicol* 2011;49:603.

Raymond LW, **Ford MD**. Severe illness in furniture makers spraying a new glue: bromide or arsenic, both or neither? *J Invest Med* 2002;50:251.

Raymond LW, **Ford MD**, Coldham GJ, Porter WG, Saxe JS, Hanley EN. Maternal-fetal lead poisoning in a convenience store cashier: effects of a 15-year old bullet. *J Invest Med* 2002;50:291.

Burton MP, **Ford MD**, Raymond LW. Toxicity of a furniture glue: "A new bromide". *J Invest Med* 2000;48:161A.

Kerns W, Tomaszewski C, McMartin K, **Ford M**, Brent J. META Study Group: Formate kinetics in methanol poisoning. *J Toxicol Clin Toxicol* 1999;37:669.

Rouse A, **Ford M**, Kerns W, Crittendon M: Rapid cardiac arrest following massive caffeine ingestion. *J Toxicol Clin Toxicol* 1999;37:629-630.

Yuan T, Kerns W, Tomaszewski C, **Ford M**, Kline J. Insulin and glucose: Novel treatment for calcium antagonist-induced shock. *J Toxicol Clin Toxicol* 1997;35:562.

Moreau C, Kerns W, Tomaszewski C, Rose R, **Ford M**, McMartin K, Brent J, and META Study Group. Glycolate kinetics and hemodialysis clearance in ethylene glycol poisoning. *J Toxicol Clin Toxicol* 1997;35:506.

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Manring E, Meggs W, Pape G, **Ford M**. Toxicology of an intravenous infusion of isopropyl alcohol. *J Toxicol Clin Toxicol* 1997;35:503.

Ford M, Schroeder D, Leonova E. et al. Histidine protects against iron(Fe)-induced myocardial dysfunction [abstract]. *Clin Toxicol* 1996;34:577.

Ford M, Austin J, Rouse A. et al. Acute intravaginal misoprostol toxicity with fetal demise [abstract]. *Clin Toxicol* 1996;34:570.

Ford MD, Watts JA, Schroeder JD, Leonova E, Dorbandt A, Ransom M, Raymond RM. Iron-induced myocardial dysfunction develops independently of perfused extracellular hydroxyl radical in isolated rat hearts [abstract]. *Acad Emerg Med* 1996;3:426.

Morgan, B, Follmer, R, **Ford M**. Ethylene glycol ingestion resulting in brainstem and midbrain dysfunction [abstract]. *J Tox Clin Toxicol* 1995; 33:548-549.

Ford M, Tomaszewski, C, Kerns W. et al. Bedside Ferric Chloride Urine Test To Rule Out Salicylate Intoxication [abstract]. *Vet Hum Toxicol* 36:364, 1994.

Kerns W, English B, **Ford M**. Severe adult propafenone toxicity [abstract]. *Vet Hum Toxicol* 34:4, 1992.

Ford M, Tomaszewski C. Treatment of elemental mercury poisoning with extended DMSA [abstract]. *Vet Hum Toxicol* 35:356, 1993.

Chiang WK, **Ford M**, Wax P. et al. Prospective evaluation of fluoxetine ingestions [abstract]. *Ann Emerg Med* 20:1084, 1991.

Textbooks

Ford M, Delaney K, Ling L, Erickson T (eds). Clinical Toxicology. Philadelphia: WB Saunders Co., 2001.

Ford MD, Olshaker JS. Concepts and Controversies in Toxicology. Emergency Medicine Clinics of North America. Philadelphia: WB Saunders Co, 1994.

Contributions to Textbooks

Ford MD. Acute Poisoning. In Goldman L, et al (eds.): Cecil Textbook of Medicine, 24th ed. Philadelphia: Elsevier Saunders, 2012, pp. 670-684 (also 23rd ed. Philadelphia: Saunders Elsevier, 2008, pp. 768-787 and 22nd ed. Philadelphia: WB Saunders Co., 2004, pp. 628-640).

Englund JL, Sivilotti MLA, **Ford MD.** Alcohols and Glycol Poisoning. In Irwin RS, et al (eds): Irwin and Rippe's Intensive Care Medicine, 7th ed. Phila.:Wolters Kluwer/Lippincott Williams & Wilkins, 2012, pp 1337-1353.

Munday SW, **Ford MD.** Arsenic. In Nelson LS, et al (eds): Goldfrank's Toxicologic Emergencies, 9th ed. New York: McGraw-Hill, 2011, pp 1214-1228.

Ford MD. Arsenic. In Goldfrank LR, et al (eds): Goldfrank's Toxicologic Emergencies, 8th ed. New York: McGraw-Hill, 2006, pp 1251-1264 (also 7th ed., New York: McGraw-Hill, 2002, pp 1183-1191; 6th ed. Norwalk: Appleton & Lange, 1998, pp 1261-127; 5th ed. Norwalk: Appleton & Lange, 1994, pp 1011-1025).

Sivilotti MLA, **Ford MD.** Alcohols and glycols. In Irwin RS, et al (eds): Irwin and Rippe's Intensive Care Medicine, 5th ed. Phila.:Lippincott Williams & Wilkins, 2003, pp 1363-1379.

Sivilotti MLA, **Ford MD.** Alkali ingestions. In **Ford M**, Delaney K, Ling L, Erickson T (eds): Clinical Toxicology. Philadelphia: WB Saunders Co., 2001, pp. 1002-1008.

Ford MD. Isopropanol. In **Ford M**, Delaney K, Ling L, Erickson T (eds): Clinical Toxicology. Philadelphia: WB Saunders Co., 2001, pp. 769-773.

Ford MD, McMartin K. Ethylene glycol and methanol. In **Ford M**, Delaney K, Ling L, Erickson T (eds): Clinical Toxicology. Philadelphia: WB Saunders Co., 2001, pp. 757-768.

Kleinschmidt KC, Wainscott M, **Ford MD.** Opioids. In **Ford M**, Delaney K, Ling L, Erickson T (eds): Clinical Toxicology. Philadelphia: WB

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Saunders Co., 2001, pp. 627-639.

Ford MD, Delaney KA. Initial approach to the poisoned patient. In **Ford M**, Delaney K, Ling L, Erickson T (eds): Clinical Toxicology. Philadelphia: WB Saunders Co., 2001, pp. 1-4.

Guise BM, **Ford M**. Evaluation of the sexually assaulted patient. In Sing RF, Reilly PM (eds). Initial Management of Injuries. An evidence based approach. London: BMJ Books, 2000, pp. 240-250.

Ford MD, Sivilotti MLA. Alcohols and glycols. In Rippe JM, et al (eds): Intensive Care Medicine, 4th ed. Boston:Little, Brown and Company, 1999, pp 1478-1493.

Ford, M. Metal and metalloid toxicity. In Tintinalli JE, et al (eds): Study Guide in Emergency Medicine. 5th ed. New York: McGraw-Hill, 1999, pp 1185-1192.

Ott CJ, **Ford MD**. Corrosives. In Markovchick VJ, et al (eds): Emergency Medicine Secrets, 2nd ed. Philadelphia: Hanley & Belfus, Inc., 1999, pp 356-359.

Mason TL, **Ford MD**. Acids and antacids. In Haddad L et al (eds). Clinical Management of Poisoning and Drug Overdoses, 2nd ed. Philadelphia: WB Saunders, 1997, (63)pp 825-829.

Mason TL, **Ford MD**. Opioids. In Howell J, et al (eds). Emergency Medicine. Philadelphia: WB Saunders, 1997, pp 1494-1498.

Morgan BW, **Ford MD**. Ethanol. Howell J, et al (eds). Emergency Medicine. Philadelphia: WB Saunders, 1997, pp 1399-1405.

Ford MD. Neuroleptics. In Rosen P, et al (eds). Emergency Medicine: Concepts and Clinical Practice, 4th ed. St. Louis: Mosby-Yearbook, 1997, (88) pp 1395-1401.

Ford MD. Alcohols and glycols. In Rippe JM, et al (eds): Intensive Care Medicine, 3rd ed. Boston:Little, Brown and Company, 1996, pp 1506-1521.

Ford, M. Heavy metal toxicity. In Tintinalli JE, et al (eds): Study Guide in Emergency Medicine. 5th ed. New York: McGraw-Hill, 1995, pp 833-841 (also 4th ed. New York: McGraw-Hill, 1992, pp 638-644).

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Kerns W, Kline J, **Ford MD**. Beta blocker and calcium channel blocker toxicity. In Ford MD, Olshaker JS (eds): Concepts and Controversies in Toxicology. Emergency Medicine Clinics of North America. Philadelphia: WB Saunders Co, 1994, pp 365-390.

Ford MD. Corrosives. In Markovchick VJ, et al (eds): Emergency Medicine Secrets. Philadelphia: Hanley & Belfus, inc., 1993, pp 324-326.

Ford, MD. Blood Disorders. In Rivers C (ed): Preparing for the Written Board Examination in Emergency Medicine. Milford, Ohio: EEMC, 1992, pp. 701-730.

Ford MD. Insecticides and Pesticides. In Vicellio P (ed): Handbook of Toxicology. Boston: Little, Brown and Co, 1993, pp 303-314.

Ford MD. Rodenticides. In Vicellio P (ed): Handbook of Toxicology. Boston: Little, Brown, and Co. 1993, pp 322-334.

Ford MD, Goldfrank LR. The toxic alcohols and glycols. In Rippe J, Irwin R, Alpert J, et al (eds): Intensive Care Medicine 2nd ed. Boston: Little, Brown and Co., 1991, pp 1160-1174.

Ford, M. Alkali and acid injuries of the upper gastrointestinal tract. In Hoffman RS, Goldfrank LS (eds): Critical Care Toxicology. New York: Churchill Livingstone, 1991, pp 225-249.

Ford M. The management of moderate to severe pain with parenteral analgesics. In Goldfrank L, (ed): Management of Pain in the Emergency Department. Princeton: Excerpta Medica, 1990, pp 29-37.

Ford M, Hoffman RS, Goldfrank LR. Opioids and designer drugs. Emer Med Clin North Am 8:495-511, 1990.

Ford MD. Newer antibiotics. Critical Decisions in Emergency Medicine, vol. 4. Dallas, American College of Emergency Physicians, 1989.

Ford MD and Schafermeyer RS: Advanced Cardiac Life Support. Primary Clinics, 13:21-32, 1986.

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Other

Protocol for Assisting Sexual Assault Victims: Recommendations to Law Enforcement, Medical and Prosecutorial Professionals. Developed by the Sexual Assault Task Force, N. C. Council on the Status of Women, Raleigh, NC, 1984.

Presentations

Abstracts, Oral

SAEM, 1996. "Iron-induced myocardial dysfunction develops independently of perfused extracellular hydroxyl radical in isolated rat hearts"

Invited Lectures/Presentations (Since 1997)

Selected Lectures/Presentations 1997 - 2000

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| 10/97 | <i>"The Latest on Poisoning-Specific Antidotes" and "Stump the Toxicologist", American College of Emergency Physicians (ACEP) Scientific Assembly, San Francisco, CA</i> |
| 4/98 | <i>"Building Strategic Coalitions and Alliances", ACEP Leadership and Legislative Issues Conference, Washington, DC</i> |
| 6/98 | <i>Toxicology Lecture Series in Syria – Damascus, Homs, Aleppo, and Deir Ezor, co-sponsored by US State Department and Ministry of Health, Syria</i> |
| 9/98 | <i>Critical Care Issues in Toxicology Panel, NAACT, Orlando, FL</i> |
| 10/98 | <i>"The Latest on Poisoning-Specific Antidotes" and "Stump the Toxicologist", ACEP Scientific Assembly, San Diego, CA</i> |
| 3/99 | <i>"Metabolic Acidosis in the Unknown Toxicology Patient",</i> |

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Department of Emergency Medicine, Medical University of South Carolina, Charleston, SC

- 10/99 *"Analgesics: Not Such A Pain Anymore"* and *"Time for a Change"*, ACEP Scientific Assembly, Las Vegas, NV
- 3/00 *"Toxic Unknowns"*, Emergency Nursing Association, Myrtle Beach, SC

Lectures/Presentations 2001 - Present

- 2/01 *"Chemical and Biological Terrorism: The Emergency Department Perspective"*, *"Poisoning: Clues to Difficult Cases"*, and *"What's Hot and What's Not: Toxicology Today"*, ACEP Winter Symposium, Marco Island, FL
- 2/01 *"Toxic Alcohols."* Pan American Conference on Emergency Medicine, Acapulco, Mexico
- 5/01 *"Political Advocacy and Academic Emergency Medicine"*, SAEM Annual Meeting, Atlanta, GA
- 10/01 *"Poison Control and Management of Toxic Exposures"*. Emergency Medicine Today 2001, Greensboro, NC
- 10/01 *"Toxic Alcohols"*, Emergency Medicine Grand Rounds, Vanderbilt University School of Medicine, Nashville, TN
- 3/02 *"Chemical Terrorism"*, *"Biological Agents of Mass Destruction"*, *"Toxic Unknowns"*, 8th Annual Stanford Symposium on Emergency Medicine and Acute Care, Kona, HI
- 5/02 *"Chemical Terrorism"*, *"Biological Agents of Mass Destruction"*, *"Pulmonary Embolism"* session moderator, The First World Congress of Emergency and Military Contingency Medicine, Kemer, Turkey
- 1/03 *"Toxicology: Decontamination"*. Department of Pediatrics, School of Medicine, University of North Carolina-Chapel Hill, Chapel Hill, NC
- 1/04 *"Toxic Alcohols"*. Carolina Medical Center–Mercy, Grand Rounds CME Series, Charlotte, NC

MARSHA DEAN FORD, M.D., FACEP

- 10/04 *"Update on Antidotes" and "Toxic Time Bombs", .*
American College of Emergency Physicians Scientific
Assembly, San Francisco, CA
- 3/05 *"Update on Antidotes".* LeHigh Valley Hospital
Emergency Medicine Residency, Allentown, PA
- 10/05 *"Clinical Case Presentations from a Foam Furniture Plant*
in North Carolina", EPA/NIOSH/OSHA Workshop on n-
Propyl Bromide: Toxicity and Human Risk Assessment.
North American Congress of Clinical Toxicology, Orlando,
FL
- 2/06 *"Hospital Resources Database Project",* American
Association of Poison Control Centers, Tampa, FL
- 2/06 *"What are other PCCs doing – Rapid Alerts".* HRSA
Poison Control Program 2006 Grantee Meeting. Tampa
FL
- 5/06 *"Running an Effective Meeting & the Art of Organizational*
Politics", ACEP 2006 Leadership and Advocacy
Conference, Washington, DC
- 6/06 *"Surgical Site Infection Prevention (SSIP)",* CHS
Conference "Core Measures and Excellence in Patient-
Centered Care", Charlotte, NC
- 10/06 *"Process Improvement in Toxicology".* North American
Congress of Clinical Toxicology, San Francisco, CA
- 5/08 *"Improving Job Satisfaction Through Effective & Efficient*
Communication". Leadership Development Institute,
Carolinas HealthCare System, Charlotte, NC
- 8/09 Panelist, discussion on political involvement, Greater
Charlotte Healthcare Executives, Charlotte, NC
- 10/09 *"Poisonings and Prescription Medications in North*
Carolina", NC Association of Pharmacists, Research
Triangle Park, NC
- 11/09 *"Top Toxicology Mistakes" and "Pain Control in the ED:*

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- Pharmacological Perspective*", North Carolina College of Emergency Physicians, Asheville, NC
- 1/10 "Beyond Emergencies: The Carolinas Poison Center's Role in Injury Prevention", Injury Prevention Research Center, Gillings School of Global Public Health, University of North Carolina-Chapel Hill, Chapel Hill, NC
- 4/10 "Poisoning Prevention Successes", North Carolina Injury and Violence Prevention Day, Raleigh, NC
- 5/10 Pharmacology Module 2, Wake County EMS Advanced Practice Course, Raleigh, NC
- 9/11 Moderator, "The Intersection of Public Health and Poison Centers", AAPCC Scientific Symposium; Presenter, "Directors Panel", Education Track; North American Congress of Clinical Toxicology, Washington, DC.
- 11/11 Panelist, "The Epidemic of Prescription Drug Poisoning in North Carolina: A Panel of Experts", University of North Carolina Injury Prevention Research Center 2011-2012 Seminar Series, Chapel Hill, NC.
- 12/11 Participant, Department of Homeland Security, Office of Affairs, "Roundtable on Integrated National Biosurveillance", Washington, DC.
- 3/12 "The Poison Center of 2020", American Association of Poison Control Centers Mid-Year Meeting, St. Petersburg, FL
- 3/12 Presenter and panelist, "Poison Centers: Roles and Capabilities", CDC/ASTHO/NACCHO Nurse Triage Line Stakeholders meeting, Atlanta, GA.
- 5/12 Presenter and panelist, "Integrated Emergency Care Systems in Health Security and Research," Society for Academic Emergency Medicine, Chicago, IL.
- 5/12 Panelist, "Unintentional Poisonings: NC's Work to Address the Overdose Problem," NC Injury + Violence Prevention, Chapel Hill, NC.

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- 10/12 *“Surveillance of Food-borne Illness Using Poison Center Data”*, National Center for Food Protection and Defense 2012 biennial meeting, Minneapolis, MN.
- 05/13 *“The American Fellowship programme in medical toxicology”*, European Association of Poisons Centres and Clinical Toxicologists, Copenhagen, DK.

Lectures to medical students, residents, Specialists in Poison information, EMTs, Med Center flight team, and area physicians and nurses.

Special Honors and Awards

- 2013 George Podgorny Service Award for Dedicated and Outstanding Service in the Field of Emergency Medicine, North Carolina College of Emergency Physicians
- 2003 American College of Emergency Physicians Council Meritorious Service Award
- 2001 George Podgorny Service Award for Dedicated and Outstanding Service in the Field of Emergency Medicine, North Carolina College of Emergency Physicians
- 2000 Fellow of the International Federation of Emergency Medicine
- 2000 “Nurturing Hands” award from the Child and Family Development Program, University of North Carolina-Charlotte, for significant contributions to the well-being of children and families
- 1998 Fellow, American College of Medical Toxicology
- 1997 Emergency Physician of the Year Award, North Carolina College of Emergency Physicians First recipient of this award.
- 1996 AAWEPE Emergency Medicine Research Award
- 1987, 1997 Fellow, American College of Emergency Physicians
- 1968 National Merit Scholar