

## CURRICULUM VITAE

NAME: Steven Matthew Marcus  
OFFICE ADDRESS: New Jersey Poison Information & Education System  
at University of Medicine and Dentistry of New Jersey  
140 Bergen Street  
PO Box 1709  
Newark, NJ 07101-1709

### 1. EDUCATION

- a. Undergraduate:  
Brooklyn College: February 1963 Bachelor's Degree in Biology with  
significant emphasis in Chemistry and Speech.
- b. Graduate and Professional:  
Medical College of Virginia  
Richmond, Virginia  
Degree: MD Date Awarded: June 1967

### 2. POSTDOCTORAL TRAINING

- a. Internship and Residencies:  
Bellevue Hospital/New York University Medical School  
Internship in Pediatrics  
July 1967-June 1968  
  
Bellevue Hospital/New York University Medical School  
Residency in Pediatrics  
July 1968-June 1969  
  
Abraham Jacobi Hospital/Albert Einstein College of Medicine  
Residency in Pediatrics  
July 1969-June 1970
- b. Research Fellowship  
Boston Childrens' Hospital Medical Center/Massachusetts Poison Control  
Center  
Fellow in Medical Toxicology  
1979-1980

### 3. MILITARY:

LtCDR USNR, US Naval Dispensary, Keflavik, Iceland July 1970-June 1972

### 4. LICENSURE:

Virginia	1967, inactive
New York	1968-, inactive
New Jersey	1972-current

5. CERTIFICATION:  
Pediatrics: 1972  
Medical Toxicology: 1981, 1996
  
6. UNIVERSITY APPOINTMENTS:  
University of Medicine and Dentistry-New Jersey Medical School  
Department of Pediatrics, Assistant Professor 1972  
Department of Pediatrics, Associate Professor of Clinical Pediatrics 1982-98  
Department of Preventive and Community Medicine, Associate Professor of  
Clinical Preventive Medicine and Community Health 1982-1996  
Department of Pediatrics, Associate Professor of Pediatrics 1998-  
Department of Preventive and Community Medicine, Professor 7/2002-
  
7. HOSPITAL APPOINTMENTS  
Department of Pediatrics  
Newark Beth Israel Medical Center  
Attending 1972-  
Department of Pediatrics  
University of Medicine and dentistry of New Jersey-University Hospital  
Attending 2002-
  
8. OTHER PROFESSIONAL POSITIONS AND MAJOR VISITING  
APPOINTMENTS  
CHAIRMAN, Accident Prevention and Safety Committee, New Jersey  
Chapter American Academy of Pediatrics. 1984 – 1994  
DISTRICT COUNCILMAN, New Jersey Chapter American Academy of  
Pediatrics. 1984 – 1990  
MEDICAL DIRECTOR. Institute for Child Study, Kean College, Union, NJ.  
9/76 – 1986  
ADJUNCT PROFESSOR. Montclair State College, Montclair, NJ, 9/72 –  
6/78  
MEMBER, Governor’s Council on the Prevention of Mental Retardation.  
MEMBER, New Jersey Emergency Medical Services Council, 1997-  
MEMBER, Commissioner’s Task Force on Occupational Medicine, 1991-  
MEMBER, Bioterrorism Surveillance and Epidemiology Advisory Group, NJ  
Department of Health and Senior Services, originally called  
MEDPREP then morphed into HEPAC, 1999--  
MEMBER, City of Newark, Metropolitan Medical Response System, Steering  
Committee, Surveillance Subcommittee, 2001-  
Chairman, NJ Physicians’ Lead Poisoning Prevention Committee.

9.       **AWARDS AND HONORS**
  - Ellenhorn Award in Medical Toxicology to be awarded at the North American Congress of Clinical Toxicology, September 2009.
  - Community Hero Award to be presented by the Women in Support of United Way of Essex and West Hudson at their 12<sup>th</sup> Annual Night of Miracles Gala. May 2009.
  - Certificate of Appreciation and Achievement, New Jersey Public Health Service Award, New Jersey Department of Health, October 11, 1995
  - Award of Appreciation for role as Chairperson of the Data and Quality Assurance Subcommittee of the Governor's Council on Emergency Medical Services, 1989, from New Jersey Department of Health
  - Certificate of Appreciation for service on the Governor's Council on Emergency Medical Services, September 1986-December 1988, from New Jersey Department of Health
10.       **BOARDS OF DIRECTORS/TRUSTEES**
  - MEMBER, Board of Directors, United Cerebral Palsy of Northern New Jersey, East Orange, New Jersey. 1978 – 1991
  - MEMBER, Board of Health, Township of the Village of South Orange, New Jersey. 1981-1984, 1987 – 1992, President, 1991-1992.
  - MEMBER, Medical Advisory Board, Community Nursing Service of Essex and West Hudson. 1972 – 1984.
11.       **MAJOR COMMITTEE ASSIGNMENTS**
  - a.       National:
    - American Association of Poison Control Centers, Legislation Committee, Council of Medical Directors, Managing Directors Committee
    - VOIP/Cell phone subcommittee
    - Ethics Committee
  - b.       Medical School
    - Interviewer for Office of Admissions 1999-
    - Committee on Academic Policies and Procedures: 2002-2005.
  - c.       Hospital:
    - Newark Beth Israel Medical Center: Institutional Review Board
    - Utilization Review, Medical Records, Institutional Ethics Committee, Pediatric Ethics Committee, Credentials Committee, Pharmacy and Therapeutics. 1972-2001
  - d.       Department of Preventive Medicine and Community Health:
    - Curriculum committee
  - e.       Editorial Board
    - Poisindex     1982-2002
    - Advances in Therapy. Published by Health Communications, Inc., Metuchen, NJ Director of Editorial Board S. Evert Svenson, MD 1990-
    - Ad hoc reviewer: Clinical Toxicology

EPIC: in office training for prevention of lead poisoning, joint effort of NJ  
Chapter of American Academy of Pediatrics and NJ DHSS

12. MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

Member of:

American Medical Association  
Medical Society of New Jersey  
American Academy of Clinical Toxicology  
American College of Medical Toxicology  
American Academy of Pediatrics  
American College of Emergency Medicine  
American Association for the Advancement of Science  
International Society of Toxinology  
American Public Health Association  
American College of Preventive Medicine

13. MAJOR RESEARCH INTERESTS:

Heavy metal toxicology  
Systems approach to emergency medical services

14. Grant History As of April 2009, support generated since the beginning of NJPIES =>\$57 million

- a. New Jersey Poison Information & Education System 1983-current, \$300,000-\$558,000 from New Jersey State Department of Health and Senior Services, annually
- b. New Jersey AIDS/STD Hotline 1988-current, \$300,000-437,900 from New Jersey State Department of Health and Senior Services annually
- c. New Jersey Poison Information and Education System, 2001-current \$413,007-585,918 from US Department of Health, Maternal and Child Health, Health Resources and Services Administration grant for Poison Control Stabilization and Enhancement
- d. Developing Regional Poison Control Centers, competitive grant from McNeil Laboratories, 1983, \$75,000
- e. RADARS, surveillance of narcotic use and diversion in NJ, \$50,850, Denver Health Medical Center. 2005-current

15. MAJOR TEACHING EXPERIENCE

- a. Invited Lectures:
  - 1) Visiting Professor: Forging Cooperation Between Poison Control Centers and the FDA. October 6, 2008 at FDA, Silver Springs, MD.
  - 2) North American Congress of Clinical Toxicology:
  - 3) Murder in the ICU: The Cullen Case, presented to the Toxicology Historical Society.
  - 4) Chu AF, Ruck B, Marcus S. "Poison Control Centers' Role in the Glow Product-Related Outbreak Detection: Implications for Comprehensive Surveillance System." Clin Tox (2008) 46:601.
  - 5) Calello DP, Chinnakaruppan N, Fleischer G, Marcus S. "Are We Ready for Prime Time? Prenatal Lead Screening.." Clin Tox. (2008) 46:608.

- 6) Kapadia KJ, Marcus SM, Ruck BE, Rella JG. "Ethanol-Induced Transient Myocardial Dysfunction in a Three Year Old." Clin Tox (2008) 46:609.
- 7) Hansen CK, Kashani J, Ruck B, Marcus S. "Validation of Putative Substances Involved in Fatal Poisonings." Clin Tox (2008) 46:610.
- 8) Cocuzza T, Ruck B, Marcus S, Rella JG. "Inappropriate Use of Physostigmine in TCA Toxicity: An Online Medical Reference May Be Partially Responsible." Clin Tox (2008) 46:613.
- 9) Spyker DA, Marcus AC, Rumack BH. "Secular Trends in Adverse Exposure Outcomes from the National Poison Data System, 2000-2007." Clin Tox (2008) 46:615.
- 10) Chu AF, Ruck B, Rego GR, Marcus S. "Incomplete Calls-How Bad is it?" Clin Tox (2008) 46:618.
- 11) Doctor, am I contaminated with Polonium? Case report, methods of analysis and general principles of value to the nuclear medicine physician in the wake of the Litvinenko poisoning. Co-author, presentation at the Society for Nuclear Medicine's 55<sup>th</sup> meeting, June 2008
- 12) Congenital Lead Poisoning Discovered by Routine Screening of a High Risk Pregnant Woman. Co-Author, presented to the Eastern Society for Pediatric Research, Philadelphia PA, April 2008.
- 13) Participant in Buprenorphine Summit: National Institute for drug Abuse and Substance Abuse and Mental Health Services Administration, February 2008.
- 14) In School Drug Testing, To Test or Not to Test, Pediatric Grand Rounds, Newark Beth Israel Medical Center, January 2008.
- 15) In School Drug Testing, To Test or Not to Test, American Academy of Pediatrics, New Jersey Chapter, Committee on School Health. Fall 2007 annual meeting.
- 16) Case Studies and Lessons Learned, Consultation and Debriefing on the Response to Fentanyl-related Overdoses and Deaths. August 2007. US Department of Health and Human Services, Substance Abuse and mental health Services Administration.
- 17) Poison Control involvement in bioterrorism. New Jersey Department of Health and Senior Services 7 regional meetings with laboratory directors and other public health agencies.
- 18) Toxicology of Cultural medicine, Grand Rounds, Jersey Shore Medical Center.
- 19) Lead Poisoning, regional presentations to public health nurses sponsored by the NJ State Department of Health and Senior Services.
- 20) North American Congress of Clinical Toxicology October 2006, San Francisco. Surge Capacity: A Natural Experiment. "Poster Session."
- 21) My last Tandori Chicken: ethnic and alternative medicine products and lead poisoning. St Peter's Medical Center. Dept of Medicine Grand Rounds. August 2006.
- 22) Lead poisoning, current treatment. St Joseph's Medical Center, Dept of Pediatrics Grand Rounds May 2006.

- 23) Lead poisoning at the Association for Retarded Citizens of New Jersey Annual Meeting, Princeton, NJ. June 2006.
- 24) Hugh E. Evans Legacy Award Grand Rounds. Pediatric Grand Rounds NJ Medical School April 2006
- 25) Legacy ion the pot: Lead poisoning in 2005. Newark Beth Israel Medical Center, Pediatric Grand Rounds Oct 2005:
- 26) North American Congress of Clinical Toxicology, Orlando Florida
- 27) Senior author: Hoffman RS et al. "Multistate Outbreak of Clenbuterol Contaminated Heroin and Cocaine." *Clinical Toxicology* (2005) 43(6):683-684.
- 28) Senior author: Vassilev Z et al. "The Impact of a Poison Control Center on the Length of Hospital Stay for Patients with poisoning." *Clinical Toxicology* (2005) 43(6):685.
- 29) Marcus S. "Clinical Botulism in a Patient Receiving Unlicensed Botulinum Type A Toxin." *Clin Tox* (2005) 43(6):724.
- 30) Senior author: Casa R, Ruck B, Marcus S. "A Case of Diethylene Glycol Ingestion Treated Successfully with Blocking Therapy and Dialysis. ." *Clin Tox* (2005) 43(6):741
- 31) Senior author: DeBellonia R, Marcus S, Ruck B, Rella J, Shih R. "Curandismo: Consequences of Folk Medicine. ." *Clin Tox* (2005) 43(6):704
- 32) Senior author: Rella JG, Marcus S, Wagner BJ. "Rapid Detection of Cyanide in Blood Using the Cyantesmop Kit. ." *Clin Tox* (2005) 43(6):687.
- 33) Sept 2005. 9<sup>th</sup> Annual Family Medicine Board Review: Managing Exposure to Chemical Agents
- 34) June 2005. Medicaid's Lead Poisoning Screening Initiative-Why Test for Lead. Meeting of service representatives of HMOs sponsored by NJ Department of Human Services.
- 35) May 2005. Poison Pot Pourri, Jersey City Medical Center, Pediatric Grand Rounds.
- 36) May 2005. Poison Pot Pourri. NJ State Medical Examiners Office, Grand Rounds.
- 37) May 2005. Poison Pot Pourri, NJ Chapter, American College of Emergency Medicine Annual Meeting.
- 38) March 2005, Weapons of Convenience. Atlantic Regional Osteopathic Association Annual Meeting.
- 39) March 2005, Poison Pot Pourri, Virtua, Burlington Memorial Hospital, Grand Rounds, Department of Emergency Medicine.
- 40) March 2005, Lead Poisoning, St Barnabas Medical Center, Grand Rounds, Department of Pediatrics.
- 41) January 2005, Poison Pot Pourri, Hunterdon Medical Center, Grand Rounds, Department of Medicine.
- 42) warren Hospital Grand Rounds: renal failure from phosphatidyl choline infusion in an alternative medicine clinic.

- 43) Multi-disciplinary Case Presentation, Lead Poisoning. Jersey City Medical Center, Department of Pediatrics.
- 44) May 2004: Rounds, EOSHI, UMDNJ/RWJ Medical School, Piscataway, NJ. Poison Pot Pouri.
- 45) March 2004: Grand Rounds, Medical ICU. Muhlenberg Regional Medical Center, Plainfield, NJ. Salicylate Poisoning.
- 46) March 2004: Rounds, Regional NJ Medical Examiner, Newark, NJ. Poison Pot Pouri.
- 47) June 2004. Preventing Lead Poisoning, Primary Prevention is the Answer. Annual Lead Poisoning Symposium. Gateway Maternal Consortium. Newark, NJ.
- 48) Poster Presentation at North American Congress of Toxicology, Sept 2003. Chicago, Ill
- 49) Completion of whole bowel irrigation in pcc overdose patients
- 50) Rapid cyanide detection using the Cyantesmo-kit.
- 51) June 2003. A Poison Pot Pouri, Pediatric Grand Rounds, New Jersey Medical School.
- 52) June 2003. Acetaminophen Overdose, Emergency Department Rounds, Hackensack University Medical Center.
- 53) April 2003 Acetaminophen Poisoning, Medical Grand Rounds, Columbus Hospital, Newark, NJ
- 54) Poster Presentations at the North American Congress of Clinical Toxicology, September 2002
- 55) two cases of suspected saxitoxin poisoning from puffer fish ingestion
- 56) Faulty backflow valves leading to contaminated potable water and toxicity.
- 57) Keynote address: Annual Meeting of the NJ State pesticide Applicators Association. Cooke College, August 2002
- 58) April, 2002, Visiting Professor, Meridian Health Systems, Jersey Shore Hospital, Suicide by Oleander Ingestion.
- 59) October, 2001 Poster presentations at the North American Congress of Clinical Toxicology
- 60) Compliance with PCC Recommendations: Discontinuation of NAC
- 61) Osmolar Gap as Toxic Alcohol Surrogate: Testing the Test
- 62) July 20, 2000, St Clare's Hospital, Denville, NJ. Ethylene Glycol Poisoning.
- 63) March 28, 2000, EOSHI, UMDNJ/RWJ Medical School, Bio-terrorism, Chemical Warfare.
- 64) November 3, 1999, St. Mary's hospital, Hoboken, NJ, Pediatric Grand Rounds, Lead Poisoning II
- 65) October 20, Montville Township School district, Parent Conference, Lead in Drinking Water
- 66) October 14, 1999, Memorial Hospital of Burlington County, Emergency Department Conference, Party Drugs
- 67) October 6, 1999, St. Mary's Hospital, Hoboken NJ, Lead Poisoning I.

- 68) August 24, 1999, Jersey Shore Medical Center, Visiting Professor of Medicine
- 69) June 18, 1999, Clara Maas Hospital, Pediatric Grand Rounds, Toxicology Update.
- 70) May 20, 1999, State of NJ, Department of Law Safety, Domestic Preparedness and Emergency Response Conference, Chemical Warfare.
- 71) April 16, 1999, Monmouth Medical Center, Visiting Professor of Pediatrics
- 72) March 11, 1999, Ross Laboratories, Columbus Ohio, Infantile Methemoglobinemia.
- 73) December 16, 1998, Newark Beth Israel Medical Center, Pediatric Grand Rounds, A child with sudden alteration in mental status.
- 74) November 16, 1998, Monmouth Regional Health Department, Jimson Weed Toxicity
- 75) October 20, 1998, Broad National Bank, Home safety
- 76) October 6, 1998, EOSHI, New Jersey Poison Information and Education System, Objectives, Mission, Case Presentations
- 77) September 1998, North American Congress of Clinical Toxicology  
Poster Presentations:
  - 78) Barium styphanate
  - 79) Diflunisol overdose false positive salicylate
  - 80) Lead Poisoning and the syndrome of inappropriate ADH
  - 81) Parental Knowledge regarding new NJ lead poisoning screening law
  - 82) Mercury poisoning via peritoneal contamination
- 83) July 9, 1998, Morristown Memorial Hospital Pediatric Grand Rounds, Lead Poisoning
- 84) May 5, 1998, NJ ACEP Meeting, The Effects of n-Acetyl Cysteine on Prothrombin Times of Normal Volunteers
- 85) April 4, 1998, Mid-year Medical Directors Meeting, American Association of Poison Control Centers, Telemedicine Update
- 86) March 25, 1998, Auxillary of Newark Beth Israel Medical Center, luncheon address, Preventing Household Poisonings
- 87) December 17, 1997, Memorial Hospital of Burlington County, Emergency Department Grand Rounds, Current Issues in Toxicology
- 88) November 11, 1997, JFK Hospital, Edison NJ, Pediatric department Grand Rounds, Lead Poisoning
- 89) October 28, 1997, Emergency Department Grand Rounds, Newark Beth Israel Medical Center, Winter Vacation Dangers
- 90) October 15, 1997, Pediatric Grand Rounds, Hackensack Hospital, Lead Poisoning.
- 91) September 4, 1997, New Jersey Society of Critical Care Medicine, Current Concepts in Toxicology.
- 92) July 30, 1997, Pediatric Conference, Documentation Essentials, Newark Beth Israel Medical Center.
- 93) May 29, 1997, Emergency Department Meeting, Initial Management of the Poisoned Patient.

- 94) April 16, 1997, Emergency Department Rounds, Initial Treatment of the Poisoned Patient
- 95) April 1, 1997, Newark Rotary Club, Protecting your household from poisonings.
- 96) March 11, 1997, Pediatric Grand Rounds, Lead Poisoning, Saint Barnabas Medical Center
- 97) March 11, 1997, Pediatric Grand Rounds, Lead Poisoning, Muhlenberg Regional Medical Center
- 98) February 11, 1997, Combined Pediatrics and Psychiatry Grand Rounds, Drug Induced Hepatitis, Elizabeth General Medical Center
- 99) January 9, 1997. General Toxicology, Elizabeth General Medical Center, Pediatrics department
- 100) Marcus, S, Jennis, T, Ruck, B, Shih, R. "Toxicity of Pesticide Paint Additives." The North American Congress of Clinical Toxicology, Portland, Oregon, October, 1996.
- 101) Tschekunow, H, Delgado, P, Shih, R, Jennis, T, Ruck, B, Marcus, S. "Sulfhemoglobinemia With Metoclopramide Therapy in a Patient Receiving N-Acetylcysteine (NAC)." The North American Congress of Clinical Toxicology, Portland, Oregon, October, 1996.
- 102) Shih, R, Podyazik, PM, Marcus, SM. "Methotrexate Induced Pancytopenia Treated With Granulocyte Stimulating Factor." The North American Congress of Clinical Toxicology, Portland Oregon, October, 1996.
- 103) Marcus, S, Jennis, T, Shih, R. "Syndrome of Inappropriate Secretion of Antidiuretic Hormone Complicating Childhood Lead Poisoning. A Case Report." The North American Congress of Clinical Toxicology, Portland, Oregon, October, 1996.
- 104) Marcus, S, Okose, P, Jennis, T, Honcharuk, L. "Untoward Effects of Oral Dimercaptosuccinic Acid in the Treatment of Lead Poisoning." AAPCC/AACT/ABMT/Scientific Meeting, Toronto, September 1991, Vet. Human Tox. (1991)
- 105) Honcharuk, L, Marcus, S. "Telephone Mishap: Indication for a Country-Wide Toll Free Number." AAPCC/AACT/ABMT/Scientific Meeting, Toronto, September 1991. Vet. Human Tox (1991)
- 106) Honcharuk, L, Saleem, G, Rone, D, Marcus, S. "An Effective Quality Assurance Program." AAPCC/AACT/ABMT/Scientific Meeting, Toronto, September 1991. Vet. Human Tox (1991)
- 107) Rone, D, Honcharuk, L, Marcus, S. "Unknown Nontoxic: Is Follow-Up Required?" AAPCC/AACT/ABMT/Scientific Meeting, Toronto, September 1991. Vet. Human Tox. (1991)
- 108) Montalvan, J, Okose, P, Marcus, S. "Outpatient Treatment of 24 Patients With Lead Intoxication by Dimercaptosuccinic Acid." AAPCC/AACT/ABMT/Scientific Meeting, Tucson, Arizona, September 1990. Vet. Human Tox. (1990) 32:343.
- 109) Pawel, B, Montalvan, J, Okose, P, Marcus, S. "Utilization of a Regional Poison Information Center...Do Parents Take Full Advantage of the

- Services?" AAPCC/AACT/ABMT/Scientific Meeting, Tucson, Arizona, September 1990. *Vet Human Tox.* (1990) 32:357.
- 110) Okose, P, Marcus, S. "Lead Toxicity in the Anephric State: A Case Report: A Model for the Action of Chelators?" AAPCC/AACT/ABMT/Scientific Meeting, Tucson, Arizona, September 1990. *Vet. Human Tox.* (1990) 32:366.
- 111) Klug, S, Saleem, G, Honcharuk, L, Marcus, S. "Toxicity Potential of Poinsettia: Is the Plant Really Toxic?" AAPCC/AACT/ABMT/Scientific Meeting, Tucson, Arizona, September 1990. *Vet. Human Tox.* (1990) 32:368.
- 112) Marcus, SM. "The Approach to the Poisoned Patient." Grand Rounds, Hunterdon Medical Center, July 27, 1990.
- 113) Marcus, SM. "Poison Control." Grand Rounds Union Hospital, June 12, 1990.
- 114) Marcus, SM. "Poison Control." Medical Staff Meeting, John F. Kennedy Medical Center, June 12, 1990.
- 115) Marcus, SM. "Modern Medical Management." Building Solutions Together Second Annual Lead Poisoning Prevention Conference sponsored by NJ Department of Environmental Protection and NJ Department of Health, New Brunswick, NJ, May 11, 1990.
- 116) Marcus, SM. "Poison Control." Medical Staff Meeting, Freehold Hospital, May 9, 1990.
- 117) Marcus, SM. "Poison Control." Hackensack Medical Center, May 8, 1990.
- 118) Tschekunow, H, Marcus, SM. "Poisoning with Mushrooms." Morristown Memorial Hospital, Emergency Medicine Residents, April 27, 1990.
- 119) Marcus, SM. "Poisoning with Tricyclic Antidepressants." Pediatric Grand Rounds, Morristown Memorial Hospital, Morristown, NJ, April 26, 1990.
- 120) Marcus, SM. "Open Forum, Lead Poisoning." Bayonne Health Department. March 20, 1990.
- 121) March, SM. "Lead Poisoning." UMDNJ/Robert Wood Johnson Medical School, Dept. of Environmental and Occupational Health. Jan. 23, 1990.
- 122) Carine D, Honcharuk, L, Smith P, Genser, A, Holland B, Marcus, S. "Location in Home of Products Involved in Ingestions Reported to a Regional Poison Control Center." Annual Meeting American Association of Poison Control Centers, October 11-15, 1989, Atlanta, Georgia.
- 123) Honcharuk, L, Marcus, S. "Dilution in Corrosive Ingestions: Primum Non-Nocere?" Annual Meeting American Association of Poison Control Centers, October 11-15, 1989, Atlanta Georgia.
- 124) Montalvan, J, Smith, P, Marcus, S. "Guillain-Barre Syndrome as a Presentation of Lead Poisoning." Annual Meeting American Association of Poison Control Centers, October 11-15, 1989, Atlanta Georgia.

- 125) Tschekunow H, Klug S, Marcus, S. "Symptomatic Poisoning From Ingestion of PIERIS Japonica: A Case Report." Annual Meeting American Association of Poison Control Centers, October 11-15, 1989, Atlanta, Georgia.
- 126) Jennis, T, Shannon, J, Woolf, A, Lovejoy, F, Holland, B, Marcus, S., "A Regional Poison Control System: Effect on Reponse to Hypothetical Poisonings, a Follow-Up Study." Annual Meeting American Association of Poison Control Centers, October 11-15, 1989, Atlanta, Georgia.
- 127) Marcus, SM. "Lead Poisoning." East Orange General Hospital, September 25, 1989.
- 128) Marcus, SM. "Lead Poisoning." Columbus Hospital. September 21, 1989.
- 129) Marcus, SM. "Lead Poisoning." St. Mary's Hospital. September 20, 1989.
- 130) Marcus, SM. "Lead Poisoning." JFK Medical Center, Edison, NJ, September 7, 1989.
- 131) Marcus, SM. "Lead Poisoning." St. James Hospital, Newark, September, 6, 1989.
- 132) Marcus, SM. "Lead Poisoning." Ancora Hospital, August 30, 1989.
- 133) Marcus, SM. "Lead Poisoning." Somerset Medical Center, May 24, 1989.
- 134) Marcus, SM. "Approach to the Poisoned Patient." JFK Medical Center, May 11, 1989.
- 135) Marcus, SM. "Lead Poisoning." Mercer Medical Center Grand Rounds, April 28, 1989.
- 136) Marcus, SM. "Lead Poisoning, Importance to the Educator." Jersey City State College Symposium on Special Education. March 23, 1989.
- 137) Marcus, SM. "Thorazine Overdose and Hepatic Failure." Medical Grand Rounds, Princeton Medical Center. March 23, 1989.
- 138) Genser, AS, Smith, P, Honcharuk, L, Marcus, SM. "Arsine Gas Toxicity: Two Occupational Exposures." American Association of Poison Control Centers Annual Meeting October 1-4, 1988, Baltimore, Maryland.
- 139) Genser, AS, Smith, P, Honcharuk, L, Marcus, SM. "Lithium Overdose, When to Dialyze? A Report of 28 Consecutive Cases." American Association of Poison Control Centers Annual Meeting October 1-4, 1988, Baltimore, Maryland.
- 140) Genser, AS, Smith, P, Honcharuk, L, Marcus, SM. "Imidazoline Containing Products, an Overlooked Hazard." American Association of Poison Control Centers Annual Meeting October 1-4, 1988, Baltimore, Maryland.
- 141) Smith, PS, Honcharuk, L, Genser, AS, Marcus, SM. "Haloperidol-Induced Seizures in a Child. A Case Report and Review of the Literature." American Association of Poison Control Centers Annual Meeting, October 1-4, 1988, Baltimore, Maryland.

- 142) Marcus, SM. "The Approach to the Poisoned Patient." Grand Rounds, Union Hospital, September 26, 1988.
- 143) Marcus, SM. "Pitfalls in Pediatric Poisoning." Pediatric Grand Rounds, Point Pleasant Hospital, Point Pleasant, NJ, December 18, 1987.
- 144) Marcus, SM. "Basic Toxicokinetics." Passaic County Pharmacy Association. October 26, 1987.
- 145) Marcus, SM. "Pitfalls in Pediatric Poisoning." Pediatric Grand Rounds, Monmouth Medical Center, Monmouth, NJ
- 146) Genser, AS, Marcus, SM. "Progressive Cardiac Conduction Defects Due to Amoxepine Overdose." Amer. Assoc. of Poison Control Centers Annual Meeting, Vancouver, September, 1987.
- 147) Marcus, SM. "Survival After Massive Arsenic Trioxide Ingestion." Amer. Assoc. of Poison Control Centers Annual Meeting, Vancouver, September 1987.
- 148) Genser, AS, Marcus, SM. "Amanita Mushroom Poisoning, An "Outbreak" of 10 Cases." Amer. Assoc. of Poison Control Centers Annual Meeting, Vancouver, September 1987.
- 149) Marcus, SM. "Basic Approach to Poisoning Treatment." Family Practice Rounds, Hunterdon Medical Center, Flemington, NJ, July 29, 1987.
- 150) Marcus, SM. "Fire Toxicology." NJ State Fireman's Association Annual Meeting, Atlantic City, NJ, February 19, 1987.
- 151) Marcus, SM. "Environmental Causes of Mental Retardation." Prevention of Developmental Disabilities Seminar, Jewish Rehabilitation Hospital, Jersey City, NJ, December 9, 1987.
- 152) Marcus, SM. "Drugs of Abuse." Grand Rounds, Family Practice, St. Mary's Hospital, Hoboken, NJ, May 30, 1986.
- 153) Marcus, SM. "New Jersey's Lead Problem-Overview" The Problem of Lead Poisoning: Social, Familial, Environmental or \_\_\_\_\_?? Trenton Health Department Symposium, May 12, 1986.
- 154) Marcus, SM, Bekersky, I, Popick, A. "Kinetics of Therapeutic Salicylates in Patients with Kawasaki's Disease." Am. Ped. Soc./Soc. for Ped. Res. Meeting Wash., DC, May 1986.
- 155) Marcus, SM. "Acute Management of Poison Victims." Symposium: Life-Threatening Crisis in the Emergency and Intensive Care Units, May 3, 1986. UMDNJ-Rutgers Medical School.
- 156) Honcharuk, LJ, Marcus, SM. "Effect of Telephone Education." American Association of Poison Control Centers/American Academy of Clinical Toxicology/American Board of Medical Toxicology, Kansas City, Missouri, 1985.
- 157) Honcharuk, LJ, Marcus, SM, Whitehead, B. "Interference of Alcohol-Containing Asthma Medications with Breathalyzer Analysis." American Association of Poison Control Centers/American Academy of Clinical Toxicology/American Board of Medical Toxicology, Kansas City, Missouri, 1985.

- 158) Marcus, SM, Prach, M. "Effects of Alcohol on Driving Ability. A Personal Experience." American Association of Poison Control Centers/American Academy of Clinical Toxicology/American Board of Medical Toxicology, Kansas City, Missouri, 1985.
- 159) Honcharuk, LA, Marcus, SM, Whitehead, B. "Utilization of a Regional Poison Control Center: Indicators of Saturation." American Association of Poison Control Centers/American Academy of Clinical Toxicology/American Board of Medical Toxicology, Kansas City, Missouri, 1985.
- 160) Rosenblatt, JS, Marcus, SM, Whitehead, B. "Utilization of a Regional Poison Control Center: Indicators of Saturation." American Association of Poison Control Centers/American Academy of Clinical Toxicology/American Board of Medical Toxicology, Kansas City, Missouri, 1985.
- 161) Marcus, SM, Whitehead, B, et.al. "Tricyclic Antidepressant Overdoses... Whose Drug? Who Prescribed It?" American Association of Poison Control Centers/American Academy of Clinical Toxicology/American Board of Medical Examiners Annual Meeting, San Diego, California, October 1984.
- 162) Marcus, SM. Panel Discussant. "Legal Responsibilities of Regional Poison Control Centers." AAPCC/AACT/ABMT Annual Meeting San Diego, California, October, 1984.
- 163) Marcus, S. "Lead Poisoning and Mental Retardation." Address before the North Jersey Chapter Association for Retarded Citizens. September 1984.
- 164) Marcus, S. "Practical Aspects of Pediatric Toxicology." Pediatric Grand Rounds, Mountainside Hospital, Montclair, NJ, June, 1984.
- 165) Marcus, SM. "Using The Computer for Literature Searching." Annual Meeting, Medical Society of New Jersey, Atlantic City, NJ, May 1984.
- 166) Marcus, S. "Accident Prevention – The Pediatricians Role." Pediatric Grand Rounds, Elizabeth General Hospital Medical Center, Elizabeth, NJ, April, 1984.
- 167) Marcus, S. "Acute Toxicology of Street Drugs." Annual Symposium, New Jersey Poison Information and Education System, Newark, NJ, March, 1984.
- 168) Marcus, S. "Acute Tricyclic Antidepressant Overdose.", Pediatric Grand Rounds, Perth Amboy General Hospital, February 1984.
- 169) Marcus, SM. "Lead Poisoning – Delayed Effects." Pediatric Grand Rounds, Children's Medical Center, Dallas, Texas, October, 1983.
- 170) Marcus, SM. "Medical Information Data Networks." Symposium on Computers and Medicine: An Overview, Newark, NJ, October, 1983.
- 171) Marcus, SM, Whitehead, B, Ziskin, L, Bruschi, D, Payne, D. "Development of a Regional Poison Control System Utilizing a Unique System for Financial Support." Poster Session, Amer. Assoc. of Poison Control Centers/Amer. Acad. Clin Tox/Amer. Bd. Med Tox Annual Meeting, Boston, Mass, 1983.

- 172) Santiago, M, Charnock, R, Whitehead, B, Marcus, S. "Toxicity of EDTA in Treating Lead Poisoning: IM vs. IV." Platform Session, Amer. Assoc. of Poison Control Centers/Amer. Acad. Clin Tox/Amer. Bd. Med. Tox. Annual Meeting, Boston, Mass., 1983.
- 173) Marcus, SM, Purn, J. "Effect of Lead Poisoning on Auditory Brain-Stem Evoked Potentials." Plenary Session, World Congress of Toxicology, Snowmass, Colorado, 1982.
- 174) Marcus, SM. "Disposable Baby Bottles: Poison Vector?" Poster Session, World Congress of Toxicology, Snowmass, Colorado, 1982.
- 175) Marcus, SM. "Efficacy of Poison Prevention Stickers." Poster Session, World Congress of Toxicology, Snowmass, Colorado, 1982.
- 176) Marcus, SM. "Lead Poisoning-Clinical Correlates." Symposium for State-Wide Health Officers and Other Healthcare Providers sponsored by Department of Health, State of New Jersey, 1982.
- 177) Marcus, SM. "Lead Poisoning." Pediatric Grand Rounds, Brooklyn Jewish Hospital, February 1982.
- 178) Marcus, SM, Chafee-Bohamon, C, Arnold, W, Lovejoy, F. "Effect of Regional Poison Control System on Response Incidents." Platform Session, Amer. Acad. Of Clin Tox/Amer Assoc of Poison Control Centers/Amer Board of Med. Toxicology, Annual Meeting, Salt Lake City, Utah, August, 1981.
- 179) Marcus, SM. "Influence of Heavy Metal Poisoning on Learning." Ontario Association for Learning Disabilities, Annual Meeting, Toronto, Canada, 1981.
- 180) Marcus, SM. "Relating to the Medical Profession." Regional Meeting, US DHEW, Cleveland, Ohio, 1980.
- 181) Marcus, SM. "Influence of Heavy Metal Poisoning on Mental Retardation." Association for Children with Learning Disabilities, International Meeting, Milwaukee, Wisconsin, 1980.
- 182) Marcus, SM. "Lead Screening in the Prevention of Mental Retardation." NJ Assoc. for Retarded Citizens, Annual Meeting, 1979.
- 183) Marcus, SM. "Experience with Oral Lead Chelation with D-Penicillamine." Society for Pediatric Research/American Pediatric Society, 1979.
- 184) Marcus, SM. "Childhood Lead Poisoning." Greater Newark Health Planning Agency Conference, 1976. Marcus, SM. "Childhood Lead Poisoning: A Preventable Disease." Greater Newark Health Planning Agency Conference, 1975.

b. Research Training (former fellows)

Leslie Reyes-Ramos MD  
 Alan Genser MD  
 Jorge Montalvan MD  
 Peter Okose, MD  
 Paul Smith, MD  
 Ebrahim Karkavandian, DO

- c. Facilitator in Department of Family Medicine, UMDNJ/NJMS, The Art of Medicine 2000-
16. PRINCIPAL CLINICAL AND HOSPITAL SERVICE RESPONSIBILITIES  
At Newark Beth Israel Medical Center
    - 1972-1975, Director Pediatric Ambulatory Care
    - 1975-1982, Director of Pediatric In-Patient Services, Director of Pediatric Residency Program,
    - 1972-2001, Director Lead Poisoning Program
    - 1972-2001, Assistant Director, Department of Pediatrics
  17. MAJOR ADMINISTRATIVE RESPONSIBILITIES  
Executive Director, Medical Director, New Jersey Poison Information & Education System and the New Jersey AIDS/STD Hotline: responsible for quality of entire program from financial to medical, from fund raising to cost accounting. 1983-
  18. PRIVATE PRACTICE:  
Consultations in Medical Toxicology, at Newark Beth Israel Medical Center and University Hospital, New Jersey Medical School.
  19. ARTICLES:
    1. Berrizbeitia LD, Calello DP, Dhir N, O'Reilly C, Marcus SM "Liquid Nitrogen Ingestion Followed by Gastric Perforation." Pediatric Emergency Care: accepted for publication.
    2. Vassilev ZP, Chu AF, Ruck B, Adams EH, Marcus SM. "Evaluation of adverse drug reactions reported to a poison control center between 2000 and 2007" Am J of health-System Pharmacy. (2009) 66(5):481-487.
    3. Chu A, , Marcus SM, Ruck B. "Poison Control Centers' Role in Glow Product-Related Outbreak Detection: Implications for a Comprehensive Surveillance System" accepted and scheduled for publication in the Prehospital and Disaster Medicine Journal, Volume 24, Number 1 (January-February 2009)
    4. Vassilev ZP, Chu A, Ruck B, Adams EH, and Marcus SM. Adverse Drug Reaction Hospitalization Index: A Comparison of the Most Frequently Implicated Therapeutic Groups in Poison Data" Am J Health-System Pharmacy. 2009 66(5) 481-7
    5. Vassilev ZP, Chu A, Ruck B, Adams , and Marcus SM. "Adverse Reactions to Over-the Counter Cough and Cold Products among Children: The Cases Managed out of Hospitals." J Clin Pharm and Ther. (2009) 33:1-6.
    6. Hoffman RS, Kirrane BM, Marcus SM et al. "A Descriptive Study of an Outbreak of Clenbuterol-Containing Heron." Ann Emerg Med (2008) May 21 (Epub ahead of print) printed 52(5) 548-53
    7. DeBellonia RR, Marcus S, Shih R, Kashani J, Rella JG, Ruck B. "Curanderismo: consequences of folk medicine." Ped Emerg Care. (2008) 24(4) 228-9.

8. Vassilev ZP, Marcus SM. "The impact of a poison control center on the length of hospital stay for patients with poisoning." *J Toxicol Environ Health, Part A* (2007)70:107-110.
9. Vassilev ZP, Kashani J, Ruck B; Hoffman RS, Marcus SM. "Poison Control Center Surge Capacity During an Unusual Increase in Call Volume-Results of a Natural Experiment." *Prehospital and Disaster Medicine*. 2007.Jan-Feb;22(1)55-8.
10. Souayah N, Karim H, Kamine S, McArdle J, Marcus S. "Severe botulism after focal injection of botulinum toxin." *Neurology*. (2006) 67:1855-6
11. Chertow DS, Tan ET, Maslanka SE, Schulte J, Bresnitz EA, Weisman RS, Bernstein J, Marcus SM, Kumar S, Malecki J, Sobel J, Braden CR. "Iatrogenic Botulism in Four Adults Following Cosmetic Injections." *JAMA* 2006 Nov 22/29 20:2476-2479.
12. Vassilev ZP, Shiel M, Lewis MJ, Marcus SM, Robson MJ. "Assessment of barriers to utilization of poison centers by Hispanic/Latino populations." *J Toxicol Environ Health A*. 2006 Sep;69(18):1711-8.
13. Vasseliv ZP, Marcus SM, Jennis T et al. "Assessment of the Utilization of a State AIDS/STD Hotline by Persons With and Without HIV Infection and Their Information Needs." *Aids Patient Care* (2005) 19(10):684-689
14. Vasseliv ZP, Marcus SM. "Seasonal changes in poisoning exposures reported to a regional poison center from coastal resort areas. *J Toxicol Environ Health A*. 2005 Mar 12;68(5):315-8
15. Vassilev ZP, Marcus SM, Ayyanathan K et al. "Case of elevated blood lead in a South Asian family that has used Sindoor for food coloring." *Clinical Toxicology*. (2005) 43:301-303.
16. Rella J, Marcus S, Wagner BJ. "Rapid Cyanide Detection Using the Cyantesmo Kit." *J Toxicology Clinical Toxicology*. (2004) 42:897-900.
17. Marcus S, Ruck B. "The Ten Most Prevalent Hazardous Chemicals in New Jersey." *New Jersey Medicine* (2004) 101, 9, suppl 34-44.
18. Vassilev ZP, Marcus S, Jennis T, Ruck B, Rego G, Swenson R, Halperin W. "Trends in major types of poisoning exposures in children reported to a regional poison control center, 1994-2001." *Clin Pediatr*. (2004) Jul-Aug;43(6):573-6.
19. Vassilev ZP, Marcus S, Jennis T, Ruck B, Rego R, Swenson, Halperin W. "Trends in Age-Specific Human Poisoning Exposures Reported to a Regional Poison Control Center 1997-2001. *Veterinary and Human Toxicology*. (2004) 46:39-42.
20. Vassilev Z, Marcus S, Jennis T et al. "Sociodemographic Differences between counties with high and low utilization of a regional poison control center." *J Toxicology and Environmental Health* (2003) Oct 24;66(20):1905-8..
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24. Marcus S, Wong MY, Ruck B et al. "Neurologic Illness Associated with eating Florida Pufferfish, 2002." MMWR (2002) 51(15):321-3
25. Hamilton RJ, Perrone J, Hoffman R, Henretig FM, Karkevandian EH, Marcus S, Shih RD, Blok B, Nordenholz K. "A Descriptive Study of an Epidemic of Poisoning Caused by Heroin Adulterated with Scopolamine." Clinical Toxicology (2000) 38(6):597-608
26. Shih RD, Marcus SM, Genese CA, et al. "Methemoglobinemia Attributable to Nitrite Contamination of Potable Water Through Boiler Fluid Additives—New Jersey, 1992 and 1996." MMWR (1997) 46(09):207-204.
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28. Rosenblatt, JS, Porter, J, Marcus, S. "Eosinophilia, Lead Poisoning and Toxacaris Canis Infection in Children." Vet Hum Toxicol (1991) Oct;33(5):495-7.
29. Weisel, C, Demak, M, Marcus, S, Goldstein, BD. "Soft Plastic Bread Packaging: Lead Content and Reuse by Families." A.J. Public Health. (1991) 81:756-758.
30. Marcus S. "The Computer Connectuion." NJ Med (1989) 86(9)713-4.
31. Holland, B, Marcus, S. "Monitoring Adverse Drug Reactions Using a State Poison Control Center Data Base." Drug. Info. J. (1987) 21:331-334.
32. Marcus, SM, Chafee-Bahamon, C, Arnold, V, Lovejoy, F. "Effect of a Regional Poison Control System on Response to Hypothetical Poisoning Incidents." American J. Dis. Child. (1984) 138:1010-1013.
33. Marcus, SM. "Experience with D-Penicillamine in Treating Lead Poisoning." Vet. and Human Tox. (1982) 24:18-20.5.
34. Marcus, SM. "Non-Accidental Poisoning with Salicylate." J. Med. Soc. NJ (1979) 76:524-525.
35. Marcus, SM, Ziering, R. "The Hematoflourometer in Screening for Lead Poisoning." J. Med. Soc. NJ (1979) 76:97-99.
36. Marcus, SM, Damaso-Diaz, D, Ziering, R. "Mouthing Activities and Their Relationship to Lead Poisoning." J. Med. Soc. NJ (1978) 75:837-838.
37. Marcus, SM, Borzelleca, JF. "Observations on Reserpine-Induced Bradycardia." Arch. Intern. Pharm. Ther. (1968) 174:12-16.
38. Tanz, RD, Marcus, SM. "Observations on Response of the Heart to Catecholamine-Depletion Produced by Reserpine." Proc. Soc. (1966) 121:853-857.
39. Tanz, RD, Marcus, SM. "Influence of Endogenous Cardiac Catecholamine Depletion on the Force of Isolated Heart Preparations and Their Response to Ouabain." J. Pharm. Exp. Ther. (1966) 151:38-45.

20. BOOKS, MONOGRAPHS and CHAPTERS:
- a. Marcus SM "Lead Poisoning." in Harwood-Nuss' Clinical Practice of Emergency Medicine. Ed Wolfson AB. Lippincott Eilliams & Wilkins. Philadelphia. 2005
  - b. Chapters on Lead Poisoning, Monoamine Oxidase Inhibitor Poisoning, Terpene Poisoning, Arsenic Poisoning, eMedicine.com
  - b. Marcus, SM. "Lead Poisoning." in Ambulatory Pediatric Care, ed. Dershewitz, R.A J.B. Lippincott, Philadelphia, 1988. New Edition, 1992.
  - c. Marcus, SM. "Alcohol Intoxication." in Ambulatory Pediatric Care, ed. Dershewitz, R.A. J.B. Lippincott, Philadelphia, 1988. New Edition 1992.
  - d. Marcus, SM. "Lead." Current Emergency Therapy. An Aspen Publication (1985)864-868.
  - e. Marcus, SM. "Toxicokinetics of the Acute Overdose." Experimental and Clinical Toxicokinetics. American Pharmaceutical Assoc. Press. (1984) 123-138.
  - f. Marcus, SM. "Lead Poisoning." Current Emergency Therapy Appleton-Century-Crofts. (1984) 760-763.
  - g. Marcus, SM. "Lead Screening in the Prevention of Mental Retardation." Ped. Hab. Vol. 1 Prevent. Ment. Retard. & Other Dis. (1980) 447-452.
  - h. Marcus, SM. "Lead Poisoning." in The Clinical Practice of Emergency Medicine, Lippincott, Philadelphia, 1991, 2000
21. ABSTRACTS:
- a. Chu AF, Ruck B, Marcus S. "Poison Control Centers' Role in the Glow Product-Related Outbreak Detection: Implications for Comprehensive Surveillance System." Clin Tox (2008) 46:601.
  - b. Calello DP, Chinnakaruppan N, Fleischer G, Marcus S. "Are We Ready for Prime Time? Prenatal Lead Screening." Clin Tox. (2008) 46:608.
  - c. Kapadia KJ, Marcus SM, Ruck BE, Rella JG. "Ethanol-Induced Transient Myocardial Dysfunction in a Three Year Old." Clin Tox (2008) 46:609.
  - d. Hansen CK, Kashani J, Ruck B, Marcus S. "Validation of Putative Substances Involved in Fatal Poisonings." Clin Tox (2008) 46:610.
  - e. Cocuzza T, Ruck B, Marcus S, Rella JG. "Inappropriate Use of Physostigmine in TCA Toxicity: An Online Medical Reference May Be Partially Responsible." Clin Tox (2008) 46:613.
  - f. Spyker DA, Marcus AC, Rumack BH. "Secular Trends in Adverse Exposure Outcomes from the National Poison Data System, 2000-2007. Clin Tox (2008) 46:615.
  - g. Chu AF, Ruck B, Rego GR, Marcus S. "Incomplete Calls-How Bad is it?" Clin Tox (2008) 46:618.
  - h. Vassilev ZP, Adams , Chu A, Marcus SM. ""Adverse Drug Reaction Hospitalization Index: A Comparison of the Most Frequently Implicated Therapeutic Groups" presented at the 24th International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Copenhagen, Denmark, Aug 17-20, 2008.

- i. Vassilev ZP, Kashani J, Ruck B; Hoffman RS, Marcus SM. Poison Control Center Surge Capacity During an Unusual Increase in Call Volume-Results of a Natural Experiment. Prehospital and Disaster Medicine. NACCT October 2006.
- j. Kirrane BM, Johnson-Arbor K, Halcomb SE, Chan GM, Ford M, Gindburg BY, Marcus S, Hoffman RS, use of Beta-Adrenergic Antagonists in Acute Clenbuterol Poisoning. Clinical Toxicology (2006)44 :475-476. presented at European Association of Poison Centres and Clinical Toxicologists XXVI International Congress..
- k. Hoffman RS et al. "Multistate Outbreak of Clenbuterol Contaminated Heroin and Cocaine." Clinical Toxicology (2005) 43(6)683-684.
- l. Vassilev Z et al. "The Impact of a Poison Control Center on the Length of Hospital Stay for Patients with poisoning." Clinical Toxicology (2005) 43(6):685.
- m. Rella JG et al. "Rapid Detection of Cyanide in Blood Using the Cyantesmo Kit." Clinical Toxicology (2005) 43(6):687.
- n. DeBellonia RR et al. "Curandismo: Consequences of Folk Medicine." Clinical Toxicology (2005) 43(6): 704.
- o. Marcus SM. "Clinical Botulism Syndrome in a Patient Receiving Unlicensed Botulinum Type A Toxin." Clinical Toxicology (2005) 43(6):196.
- p. Casas R et al. "A Case of Diethylene Glycol Ingestion Treated Successfully with Blocking Therapy and Dialysis." Clinical Toxicology (2005) 43(6): 741.
- q. Vasseliv Z et al. "Case of Elevated Blood Lead in a South Asian Family that Has Used Sindoor as a Food Coloring." Clinical Toxicology (2004) 42(5):172-3.
- r. Shih RD et al. "Completion of Whole Bowel Irrigation in PCC Overdose Patients." Clinical Toxicology (2003) 41(5):76.
- s. Wong MY et al. "Two Cases of Suspected Saxitoxin Poisoning from Puffer Fish Ingestions." Clinical Toxicology (2002)40(5):613.
- t. DeBellonia R et al> "Faulty Backflow Valves Leading to Contaminated Potable Water and Toxicity." Clinical Toxicology (2002) 40(5):193.
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22. REVIEWS:

- b. Marcus, S, "Lead Poisoning in Children." Hospital Medicine (1992) 28:42-60.
- c. Marcus, S. "The Computer Connection." NJ Med (1989) Sep;86(9):713-4.
- d. Marcus, SM. "Lindane" Clin Tox Rev. (1987) 10:No.3. Marcus, SM. "Carbamates" Clin. Tox. Rev. (1987) 9:No.5.
- e. Marcus, S. "Bleach" Clin. Tox. Rev. (1986) 8:No.10.
- f. McLaughlin, L, Whitehead, B, Marcus, SM. "Drugs in the Differential Diagnosis of Abnormal Blood Glucose." Advances in Therapy (1986) 3:39-39.

- g. Marcus, SM. "A Case for Controlled Release Drugs in Pediatric Practice." *Adv. In Therapy* (1984) 1:159-171.
- h. Lewis, CR, Titelbaum J, Marcus S. "Pediatric Team Approach to Violent Early Bereavement." *J. Med. Soc. NJ* (1983) 80:117-120.
- i. Marcus, SM. "Hydrogen Sulfide." *Clin.Tox. Rev.* (1983) 5:1-2.
- j. Marcus, SM. "Lithium Poisoning." *Clin. Tox. Rev.* (1982) 2:1-2.
- k. Marcus, SM. "Lead Poisoning From Industrial Exposure." *Occupational Medicine, Current Concepts.* (1982) 1:1-4.

23. REPORTS:

- a. Perrone J, Marcus SM, Blando JD et al. "Neurologic Illness Associated with Occupational Exposure to the Solvent 1-Bromopropane --- New Jersey and Pennsylvania, 2007—2008" *MMWR* December 5, 2008. 57(48)1300-1302.
- b. Hoffman RS, Nelson LS, Chan GM et al. "Atypical Reactions Associated with Heroin Use-Five States, January-April 2005." *MMWR* August 19, 2005 54(32)793-796.
- c. Szucs PA, Shih RD, Marcus SM, Leff K, Delgado P. "Pseudosalicylate poisoning: falsely elevated salicylate levels in an overdose of diflunisal." *Am J Emerg Med.* (2000) 18(5):641-2
- d. Shih, R, Marcus, SM, Genese, CA, Manley, BN, Kolano, KS, Spitalny, KC, Sorhage, F, Waterson, B, Clayton, F. "Methemoglobinemia Attributable to Boiler Fluid Additives." *New Jersey*, (1992 and 1996) March 1997; 46(9): 202-204.
- e. Ruck B, Shih RD, Marcus SM. "Hypertensive crisis from herbal treatment for impotence." *Am J Emerg Med.* (1999) 17(3):317-8
- f. Marcus, S, Jennis, T, Udasin, I, Gerwel, B, Long, N, Trimbath, L, Kyner, P, Posussney, J. "Lead Poisoning in a Foundry-New Jersey." 1990. *MMWR* (1991) 40:810-817.
- g. Marcus, SM., Whitehead, B, Honcharuk, L, Ziskin, L, Nickels, R, Matthews, S, Duffy, E. Jr. "Report on the New Jersey Poison Information and Education System." *NJ Med* (1986) 83:165-8.
- f. Larsen, LS, Sterrett, JR, Whitehead, B, Marcus, SM. "Adjunctive Therapy of Phenytoin Overdose – A Case Report Using Plasmapheresis." *J.Toxicol Clin Toxicol* (1986) 24:37-49.
- g. Vilogi, J, Whitehead, B, Marcus, SM. "Oven-Cleaner Pads: New Risk for Corrosive Injury." *Amer. J of Emerg. Med* (1985) 3:412-414.
- h. Marcus, SM. " Multiple System Involvement in Chronic Lead Poisoning." *Vet. and Human Tox.* (1981:425-426.
- i. Marcus, SM, Ziering, R. "An Interesting Case of Lead Encephalopathy." *Morbidity and Mortality Weekly Report* (1977) 26:415-416.

24. PATENTS HELD:

NONE

25. LETTERS:

- a) Vassilev ZP, Marcus SM. "Paintball injuries in children: the cases managed out of hospitals" *Pediatrics*. (2004) May;113(5):1468
- b) Hernandez EM, Rella J, Ruck B, Marcus S. "Hospitals should keep methylene blue." *Am J Health Syst Pharm*. (2004) Apr 15;61(8):842
- c) Vassilev ZP, Marcus SM. "Adverse interactions with antiretroviral agents: focus on recreational and addiction drugs." *AIDS Read*. (2004) Feb;14(2):96
- d) Marcus S, Holland B. "The Burden of Lead at Lower Levels. Comment in *Pediatric primary care*" (2003) 17:18-19
- e) Ruck B, Marcus S. "Use of expired antidotes." *Ann Emerg Med*. (2003) 42:157-8
- f) Ruck B, Marcus S. "Pharmacies' willingness to use expired antidotes and pharmaceutical-grade chemicals to prepare antidotes." *Am J Health-Syst Pharm* (2002) 59(24) 2453-5.
- g) Ruck B, Marcus S. "Acetaminophen Toxicity Nomogram Error: Barkin's Textbook of Pediatric Emergency Medicine." *Pediatrics* (2001) 107(1):210.
- h) Marcus S. "Poison center's perspective." *Public Health Rep* (1998) 113(5):379-80.
- i) Karkevandian E, Marcus S. "Accidental ingestion of sustained release calcium channel blockers in children" *Vet Hum Toxicol*. (1998) 40(2):1046.
- j) Marcus, SM. "Treatment of Lead-Exposed Children [letter]." *Pediatrics* (1996) Jul;98(1):161-2; discussion 163.
- k) Ruck B, Marcus S. "Postexposure rabies prophylaxis." *J Emerg Med* (1996) 14(3) 287-92.
- l) Marcus, SM. "Symptoms and Spontaneous Passage of Esophageal Coins [letter; comment]." *Arch Pediatric Adolesc Med* (1995) Nov;149(11):1285-6; discussion 1286-7. Comment on: *Arch Pediatric Adolesc Med* (1995) Jan;149(1):36-9. Marcus, SM. "Attempt to Develop a National Poison Control Center Movement [letter]." *Vet Hum Toxicol* (1993) Dec;35(6):541.
- m) Marcus, SM. "The Lead Debate Goes On [letter]." *Pediatrics* (1993) Jun;91(6):1220-1.
- n) Marcus, SM, Honcharuk, L, Ruck, B, Jennis, T, Dennis, S. "Button Battery Recommendations Questioned [letter; comment]." *Pediatrics* (1993) Mar;91(3):681-2. Comment on: *Pediatrics* (1992) Apr; 89(4pt2):747-57; Comment on: *Pediatrics* (1992) Apr;89(4pt2):771-2.
- o) Marcus, SM, Ruck, B. "Use of Succimer [letter; comment]." *Clin Pharm* (1992) May;11(5):387-8; Discussion 388-9. Comment on: *Clin Pharm* (1991) Dec;10(12):914-22; Comment on: *Clin Pharm* (1991) Dec;10(12):942.

- p) Marcus, SM. "EEG in Pesticides." [letter and comment] Clin. Electroencephalogram (1989) 20:VIII-X.
- q) Marcus SM. "Infant formulas contain variable amounts of fluoride." Pediatrics (1980) 66:b157-b158.

26. Public Service Appearances:

- a. ACNJ Work Group Meeting/Medication Administration in Preschools.
- b. June 2004. Managers Meeting, Newark Airport. Partnering for Poison Prevention
- c. Public Health Forum: Is Your Child at Risk for Lead Paint Poisoning? Elizabeth Home Improvement Program, City of Elizabeth June 10, 2002.