Michael E. Boczar, D.O., F.A.C.E.P Assistant Clinical Professor Department of Emergency Medicine University of Michigan Hurley Hospital, One Hurley Plaza, Flint, Michigan 48503 boczarmichael@gmail.com Cell (248) 778-5515 Office (810) 262-4853

Education and Training

1977-1980 Dearborn High School, Dearborn, Michigan
1980-1982 Western Michigan University, Kalamazoo, Michigan
1982-1984 University of Michigan-Dearborn, Dearborn, Michigan;
B.S. (Biology)
Aug. 1985- New York College of Osteopathic Medicine, New York
June 1989 Institute of Technology, Old Westbury, New York;
Doctor of Osteopathy (Honors in Histology, Physiology, Gross Anatomy
Hematology, Toxicology, Rheumatology, Pathology, Neuro Science)
July 1989 – Medical Internship, Pontiac Osteopathic Hospital,
June 1990 Pontiac, Michigan
July 1990 – Emergency Medicine Residency, Henry Ford Hospital,
June 1993 Detroit, Michigan; Mentor: Emanuel Rivers, M.D.
May 2018 MCOLES Training Course (Michigan Commission on Law
Enforcement Standards)

Certification and Licensure

Diplomat - National Board of Osteopathic Medical Examiners (1990) Diplomat - American Board of Emergency Medicine (1994 - Present) Advanced Trauma Life Support - (2012) State of Michigan - Physician License (Expiration 12/31/2023) State of Michigan - Controlled Substance License (Expiration 12/31/2023) DEA Certificate (Expiration 7/31/2023)

Academic, Administrative, and Clinical Appointments

Academic Appointments

April 1997- Clinical Instructor, Department of Internal Medicine, College of Aug. 2003 Osteopathic Medicine, Michigan State University, East Lansing, Michigan

April 1997- Clinical Assistant Professor, Department of Emergency Medicine Aug. 2003 University of Michigan, Ann Arbor, Michigan

July 2004 - Clinical Instructor, Department of Internal Medicine, College ofPresentOsteopathic Medicine, Michigan State University, East Lansing, Michigan

Academic Appointments (cont'd)

July 2004 - Clinical Assistant Professor, Department of Emergency Medicine, Present University of Michigan, Ann Arbor, Michigan

Administrative Appointments

 Aug. 2000- Vice Chair, Department of Emergency Medicine, Aug. 2003 University of Michigan, Ann Arbor, Michigan (Hurley Hospital, Flint, Michigan)
Sept. 2003 - Chairman, Emergency Services, St. Mary Mercy Hospital July 2004 Livonia, Michigan
July 2004 -Director of Quality Management, Department of Emergency MedicineJuly 2019Hurley Hospital, Flint, Michigan
July 2004 - Physician Advisor, Utilization Review, Hurley Hospital, Present Flint, Michigan
July 2011 - Chair, Credentialing Committee, Hurley Hospital,

Present Flint, Michigan

Clinical Appointments

July 1993 - Staff Physician, Department of Emergency Medicine, June 1998 Henry Ford Hospital, Detroit, Michigan

July 1993 – Staff Physician, Department of Emergency Medicine, Sept. 1998 Garden City Osteopathic Hospital, Garden City, Michigan

April 1994 - Staff Physician, Department of Emergency Medicine, March 1997 St. Mary Hospital, Livonia, Michigan

April 1997- Staff Physician, Department of Emergency Medicine, Aug. 2003 Hurley Hospital, Flint, Michigan

Sept. 2003 – Staff Physician, Department of Emergency Medicine, July 2004 St. Mary Mercy Hospital, Livonia, Michigan

July 2004 – Staff Physician, Department of Emergency Medicine Present Hurley Hospital, Flint, Michigan

Honors and Awards

 1987 Scored in the 99th percentile on Part I of the National Boards 1989 Scored in the 98th percentile on Part II of the National Boards 1990 Scored in the 98th percentile on Part III of the National Boards 1992 "Top Gun" Award for best score in the residency class on the American Board of Emergency Medicine In-Training Examination (4th highest score of 2,016 residents nationwide), Henry Ford Hospital, Detroit, Michigan 		
1992-1993 Chief Resident, Emergency Medicine Residency,		
Henry Ford Hospital, Detroit, Michigan		
Scored in the 93rd percentile on the American Board of Emergency Medicine Boards		
1995 Citation of open chest study chosen as lead paper in yearbook of		
Critical Care Medicine		
1996 Fellow, American Board of Emergency Medicine		
2006-2007 Teaching Award, Physician Educator, Awarded by		
Department of Emergency Medicine, Synergy Medical System		

Memberships in Professional Societies

1989-	American College of Emergency Physicians (ACEP)
1989 - 1997	American Osteopathic Association (AOA)
1994 -	Diplomat, American Board of Emergency Medicine
1001	

1994- Fellow, American College of Emergency Physicians

Teaching

1989-1990	Clinical teaching of Medical Students during rotations,
	Pontiac Osteopathic Hospital, Pontiac, Michigan
1991-1996	Clinical teaching of Medical Students during rotations,
	Henry Ford Hospital, Detroit, Michigan
1992-1996	Clinical teaching of Residents in Emergency Department,
	Henry Ford Hospital, Detroit, Michigan
1993-1994	Clinical teaching of Medical Students in Emergency Department,
	Garden City Osteopathic Hospital, Garden City, Michigan
1993-1994	Lectures in Emergency Medicine Topics
	(Iron Intoxication, Carbon Monoxide Poisoning),
	Garden City Osteopathic Hospital, Garden City, Michigan

Teaching (cont'd)

1993-1995	Lectures in Emergency Medicine Topics
	(Iron Intoxication, Lightning and Electrical Injuries),
	St. John Hospital, Detroit, Michigan
1994-1996	Lectures in Emergency Medicine Topics
	(Digoxin Toxicity, Lightning and Electrical Injuries),
	Henry Ford Hospital, Detroit, Michigan
1997-2003	Clinical teaching of Medical Students in Emergency Department,
	Hurley Medical Center, Flint, Michigan
1997-2003	Clinical teaching of Residents in Emergency Department,
	Hurley Medical Center, Flint, Michigan
1997-2003	Lectures in Emergency Medicine Topics (Upper GI Hemorrhage, Lower GI
	Hemorrhage, Pacemaker Emergencies, Hypertensive Emergencies, Hematuria,
	Hypoglycemic Emergencies, Trauma in Pregnancy)
	University of Michigan, Ann Arbor, Michigan
1997-2003	Lectures in Emergency Medicine (Iron Intoxication, Lightning and
	Electrical Injuries, Hypertensive Emergencies, Lower GI Bleeding,
	Rapid Sequence Intubation, Trauma In Pregnancy)
	Hurley Medical Center, Flint, Michigan
2000	Lectures in Emergency Medicine Topics (Trauma in Pregnancy)
	Pontiac Osteopathic Hospital, Pontiac, Michigan
2002	"Divergent Effects of Beta Antagonist Isomers & Their Effect on ED Admissions",
	Grand Rounds, Lakeland Hospital, St. Joseph, Michigan
2004	Clinical teaching of Physician Assistant Student in the Emergency Department,
	St. Mary Mercy Hospital
2004	"Reversible Obstructive Airway Disease," Grand Rounds,
	Parkview Hospital, Ft. Wayne, Indiana
2004 -	Clinical teaching of Residents in Emergency Department,
Present	Hurley Medical Center, Flint, Michigan
2006	"Management of Upper GI Bleeding," Grand Rounds,
	Alaska Regional Hospital, Anchorage, Alaska
2006	"Updates in Beta Agonist Usage," Grand Rounds,
	Providence Hospital, Anchorage Alaska
2006	"Updates in Asthma," St. Joe County Medical Society meeting,
	Sturgis, Michigan

Committee, Organizational and Volunteer Service

Medical School:

1986-1987 Third year Scheduling Committee, New York College of Osteopathic Medicine, New York Institute of Technology, Old Westbury, New York
1993-1994 Resident Retreat Planning Committee, Henry Ford Hospital, Detroit, Michigan

Committee, Organizational and Volunteer Service (cont'd)

Institutional:

- 1993-1994 Transfusion and Blood Product Committee, Garden City Osteopathic Hospital, Garden City, Michigan
- 1994-1997 Continuing Medical Education Committee, St. Mary Hospital, Livonia, Michigan
- 1994-1997 Intradepartmental Case Review, St. Mary Hospital, Livonia, Michigan
- 1995-1997 Chest Pain Unit Planning Committee, St. Mary Hospital, Livonia, Michigan
- 1997-1998 Chest Pain Unit Planning Committee, Hurley Medical Center, Flint, Michigan
- 1999-2001 Director, Chest Pain Unit, Hurley Medical Center, Flint, Michigan
- 2000-2000 Member of GEMS Committee, Hurley Medical Center, Flint, Michigan
- 2000-2001 Member, ED Reform Committee, Hurley Medical Center, Flint, Michigan
- 2000-2003 Member of Clinical Performance Council, Hurley Medical Center, Flint, Michigan
- 2000-2003 Member, Quality Management Coordinating Council, Hurley Medical Center, Flint, Michigan
- 2000-2003 Quality Assurance Chair, Department of EM, Hurley Medical Center, Flint, Michigan
- 2000-2003 Vice Chair, Emergency Medicine, Hurley Medical Center, Flint, Michigan
- 2001-2003 Member, Pneumonia Pathway Project, Hurley Medical Center, Flint, Michigan
- 2001–2003 Member of Behavioral Medicine Task Force, Hurley Medical Center, Flint, Michigan
- 2001-2003 Member, Acute MI Project, Hurley Medical Center, Flint, Michigan
- 2003-2004 Chairman, Emergency Medicine, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Medical Executive Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Credential Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Primary Care Services Performance Improvement Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Quality Patient and Safety Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Cardiovascular Improvement Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Project Coordinator, Chest Pain Unit Planning Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, LINC Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Outpatient Treatment of DVT Planning Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Point of Service Collection Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Advanced Beneficiary Notice Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Project Coordinator, Emergency Department Charge Capture Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Member, Admission Coordinator Committee, St. Mary Mercy Hospital, Livonia, Michigan
- 2003-2004 Project Coordinator, Emergency Department Conscience Sedation Committee, St. Mary Mercy Hospital, Livonia, Michigan

Committee, Organizational and Volunteer Service (cont'd)

2003-2004	Member, Certificate of Need for PCI Committee, St. Mary Mercy Hospital,
	Livonia, Michigan
2003-2004	Member, Hospital-Wide Leadership Forum, St. Mary Mercy Hospital,
	Livonia, Michigan
2004-2004	Member, Status B and C Committee, St. Mary Mercy Hospital, Livonia, Michigan
2004-2004	Member, CME Committee/Education Committee, St. Mary Mercy Hospital,
	Livonia, Michigan
2004-2004	Member, Pharmacy and Therapeutics Committee, St. Mary Mercy Hospital,
	Livonia, Michigan
2004-	QA Chair, Hurley Medical Center, Flint, Michigan
2004-	Member at Large, Process Improvement Committee, Hurley Medical Center,
	Flint, Michigan
2004-	Member, CPC Committee, Hurley Medical Center, Flint, Michigan
2004-	Physician Advisor for Utilization Review, Hurley Medical Center, Flint, Michigan
2009-2011	Member, Credentialing Committee, Hurley Medical Center, Flint, Michigan
2011-	Chair, Credentialing Committee, Hurley Medical Center, Flint, Michigan
2012-	Member, PCI Committee
2013-2021	American Board of Emergency Medicine Oral Board Examiner

Consulting Positions

August 2000 - Consultant to Sepracor Pharmaceuticals May 2010

2015 - Expert Witness Present

2022-Negotiator for all hospital insurance contracts at Hurley Medical CenterPresentFlint, Michigan

Extramural Invited Presentations

"Carbon Monoxide Poisoning" poster presentation at ACEP, Seattle, Washington, September, 1992.

"A Technique Revisited: Hemodynamic Comparison of Closed and Open Chest Cardiac Massage During Human Cardiopulmonary Resuscitation," poster presentation at the 13th Annual International Critical Care and Emergency Medicine Conference, Brussels, Belgium, March, 1993.

"A Technique Revisited: Hemodynamic Comparison of Closed and Open Chest Cardiac Massage During Human Cardiopulmonary Resuscitation," oral presentation at Critical Care Medicine Scientific Assembly, New York, New York, June 1993.

Bibliography

- 1. **Boczar ME**, Rivers EP. Resuscitative Thoracotomy, in: "Clinical Procedures in Emergency Medicine", 5th edition, *Roberts and Hedges*, (currently in press)
- 2. **Boczar ME**, Rivers EP. Resuscitative Thoracotomy, in: "Clinical Procedures in Emergency Medicine", 4th edition, *Roberts and Hedges*, 2005
- 3. **Boczar ME**, Rivers EP. Open Chest Human Cardiopulmonary Resuscitation, in "Thoracic Trauma and Critical Care", *Kluwer Academic Publishers*, 2002; 2.9:473-387
- 4. Weber JE, Chudnofsky CR, Younger JG, Larkin GL, **Boczar ME**, et al: A Randomized Comparison of Helium-Oxygen Mixture (Heliox) and Racemic Epinephrine for the Treatment of Moderate to Severe Croup. *Pediatrics 2001;* 107(6): E96, e96-100
- 5. Weber JE, Chudnofsky CR, Larkin GL, **Boczar ME**, et al: Low Risk of 30 Day Cardiovascular Events Following Cardiac Diagnostic Unit (CDU) Observation for Patients with Cocaine Associated Chest Pain. *Academic Emergency Medicine* 2000; 7:441
- 6. Weber JE, Chudnofsky CR, Larkin GL, **Boczar ME**, et al: Incidence of Self-reported and Occult Cocaine Use in Patients Who Present with Chest Pain to an Urban ED Cardiac Diagnostic Unit. *Academic Emergency Medicine* 2000; 7:515
- 7. Weber, JE, Chudnofsky, CR, **Boczar, ME**, et. al. Cocaine-associated chest pain: how common is myocardial infarction? *Academic Emergency Medicine* 2000; 7:873-877
- Chudnofsky CR, Weber JE, Stoyanoff PJ, Colone PD, Wilkerson MD, Hallinen DL, Jaggi FM, Boczar ME, et al: A Combination of Midazolam and Ketamine for Procedural Sedation and Analgesia in Adult Emergency Department Patients. *Academic Emergency Medicine* 2000;7 (3):228-235
- 9. Weber JE, Chudnofsky CR, Wilkerson MD, **Boczar ME**, et al: Cocaine Associated Chest Pain Patients Are Infrequently Evaluated for Coronary Artery Disease. *Academic Emergency Medicine* 1998; 5:475
- 10 Weber JE, Chudnofsky CR, **Boczar ME**, et al: A Comparison of Helium-Oxygen Mixture (Heliox) and Racemic Epinephrine for the Treatment of Moderate to Severe Croup. *Academic Emergency Medicine* 1998; 5:380
- Weber JE, Chudnofsky CR, Hollander J, Boczar ME, et al: Cocaine Associated Chest Pain. How Common is Myocardial Infarction? *Journal of Toxicology and Clinical Toxicology* 1998; 36 (5):524-525
- Boczar, ME, et al: A Technique Revisited: Hemodynamic Comparison of Closed and Open Chest Cardiac Massage During Human Cardiopulmonary Resuscitation. *Critical Care Medicine* 1995; 23 (3): 49-503

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- 13. Rivers EP, McGeorge FT, Martin GB, **Boczar ME**, et al: A Hemodynamic Comparison of Mechanical, Standard and Active Compression- Decompression CPR in Human Cardiac Arrest. *Academic Emergency Medicine*, 1994
- 14. Boczar, ME, et. al.: A Technique Revisited: Hemodynamic Comparison of Closed and Open Chest Cardiac Massage During Human Cardiopulmonary Resuscitation. *Critical Care Medicine* 1993; 21