

CURRICULUM VITAE

William J. Meurer, MD, MS
Assistant Professor
University of Michigan
Department of Emergency Medicine
Department of Neurology
TC B1354 SPC 5303
1500 E. Medical Center Drive
Ann Arbor, MI 48109-5303
Office 734.936.1616
Fax 734.936.9414

wmeurer@med.umich.edu

William J. Meurer, MD, MS
Assistant Professor
University of Michigan
Department of Emergency Medicine
Department of Neurology
TC B1354 SPC 5303
1500 E. Medical Center Drive
Ann Arbor, MI 48109-5303
Office 734.936.1616
Fax 734.936.9414

wmeurer@med.umich.edu

Education and Training

9/1995 -- 6/1999	Bachelor of Arts with Honors in Chemistry Ohio State University, Columbus, OH
7/1999 - 6/2003	Medical Doctor University of Cincinnati College of Medicine, Cincinnati, OH
6/2003 – 6/2006	Resident, Emergency Medicine, MetroHealth / Cleveland Clinic / Case Western Reserve University, Cleveland, OH
6/2005 – 6/2006	Chief Resident, Emergency Medicine, MetroHealth / Cleveland Clinic / Case Western Reserve University, Cleveland, OH
8/2006 – 7/2008	Stroke Fellow, Department of Neurology and Department of Emergency Medicine, University of Michigan, Ann Arbor, MI
8/2007 – 3/2009	Masters of Science in Clinical Research Design and Statistical Analysis School of Public Health University of Michigan, Ann Arbor, MI

Certification and Licensure

	Ohio Medical License
	National Stroke Association – NIH Stroke Scale Certification
	PEERS and NIH Courses in the Protection of Human Research Subjects
12/2007 – 12/2017	Certified by American Board of Emergency Medicine to practice the specialty of Emergency Medicine, #NNNN
12/2007 – 1/2011	Federal DEA License
1/2007 - 1/2010	Michigan Medical License #NNNNNNNN
1/2007 – 1/2010	Michigan Controlled Substance License #NNNNNNNN
4/2008 – 4/2010	ACLS Provider, PALS Provider
7/2010-7/2014	ATLS Instructor

Academic, Administrative, and Clinical Appointments

6/2003 – 6/2006	Resident, Case Western Reserve University School of Medicine, Cleveland, OH
7/2004 – 8/2006	Medical Command Physician, City of Cleveland EMS, Cleveland, OH
6/2005 – 6/2006	Flight Physician, Metro LifeFlight, Cleveland, OH
7/2005 – 6/2006	Emergency Physician, MedCentral Mansfield Hospital, Mansfield, OH
7/2005 – 8/2006	Emergency Physician, Lakewood Hospital, Lakewood, OH
8/2006 – 7/2007	Emergency Physician, W.A. Foote Hospital, Jackson, MI
8/2006 - 7/2007	Deputy Medical Examiner, Jackson County, MI
8/2006 – 1/2010	Clinical Lecturer, Department of Emergency Medicine, University of Michigan, Ann Arbor, MI
8/2006 – 1/2010	Clinical Lecturer, Dept of Neurology, Univ of Michigan, Ann Arbor, MI
1/2010 – present	Assistant Professor, Departments of Emergency Medicine and Neurology, University of Michigan, Ann Arbor, MI
8/2007 – present	Attending Emergency Physician, Department of Emergency Medicine, University of Michigan Hospitals, Ann Arbor, MI

Research Interests

Brain Injury Group member at University of Michigan – involved in enrollment and patient evaluation for acute stroke treatment trials.

Developing methods for investigating and improving acute stroke care in the community.

Investigating relationship between the autonomic nervous system and stroke.

Developing adaptive clinical trials to address neurological emergencies.

Grants

National Institute of Aging – University of Michigan Medical Student Training in Aging Research Program (UM-MSTAR) #T35AG026738, Project Title: Heart Rate Variability in Acute Stroke, PI: Tommy Potti, William Meurer, MD; Role: Co-PI/Faculty Adviser; Amount \$5462

Emergency Medicine Foundation – 2008-2009 Research Fellowship, Project Title: Developing Systems of Emergency Physician Led Acute Stroke Care in a Bi-Ethnic Community. PI: William Meurer, MD, MS Amount: \$141,605 July 1, 2008 – June 30, 2009

University of Michigan CTSA #UL1 RR024986 – Clinical Trial Planning Grant, Project Title: Adrenergic Blockade After Subarachnoid Hemorrhage, PI William Meurer, MD, MS Amount \$75,000 March 15, 2011 – March 14, 2012

National Institute of Neurological Disorders and Stroke #P50 NS044283– Project Title: Combination approach to Lysis utilizing Eptifibatide and rt-PA -Enhanced Regimen. PI Arthur Pancioli ; Site PI (Michigan): William Meurer, MD, MS Amount: \$38,906 May 1, 2009 – April 30, 2013

Agency for Healthcare Quality and Research #R18HS017690 – Solutions for Acute Vertigo Presentations in the Emergency Department (SolVE) PI: Kevin Kerber September 1, 2009 – July 31, 2013 Amount: \$25,000 (in years 2-4).

Grants (continued)

National Institute of Neurological Disorders and Stroke / Food and Drug Administration
#U01NS073476 Project Title: Accelerating Drug and Device Evaluation through Innovative
Clinical Trial Design; PI: William Barsan, MD. Amount: \$1,985,521. Role: Co-Investigator (20%
effort)

Honors and Awards

1998	(Undergraduate) Sphinx Senior Honorary
1999	(Undergraduate) Cum Laude Graduate
1999	(Undergraduate) Phi Beta Kappa
2001	(Medical School) Nominee, Swain Memorial Award, 2001 (nominated by classmates as student who made first two years of medical school enjoyable by his attitude towards others)
2005 – 2006	Selected by faculty and fellow residents to position of Chief Resident
2007 -- 2009	Outstanding Peer Reviewer, Annals of Emergency Medicine
2008	Runner-up, AHA/ASA Young Investigator Database Seed Grant Award
2009	Fellow, American College of Emergency Physicians
2010	Nominated, Golden Apple Award for Resident Teaching in Emergency Medicine
2010	Academic Emergency Medicine “Outstanding Reviewer”

Memberships in Professional Societies

1999 – present	American Medical Association
2003 – present	American College of Emergency Physicians
2003 – present	Society for Academic Emergency Medicine
2003 – 2006	Emergency Medicine Resident Association
2003 – 2006	MetroHealth House Officer’s Association
2006 – present	American Heart Association / American Stroke Association
2007 – present	American Academy of Emergency Medicine
2008 – present	Neurocritical Care Society
2008 – present	Michigan State Medical Society
2008 – present	Washtenaw County Medical Association
2009 – present	American Statistical Association

Editorial Positions, Boards, and Peer Review Service

2006 - 2009	Ad hoc reviewer for journal Stroke
2007	Ad hoc reviewer for JAMA,
2006 - present	Peer reviewer for Annals of Emergency Medicine,
2007	Peer reviewer for Archives of Physical Medication and Rehabilitation
2008 - present	Peer reviewer for American Journal of Emergency Medicine
2009 - present	Abstract grader for International Stroke Conferences 2009, 2010
2009	Peer reviewer for Journal of Brain Disease
2009 - present	Peer reviewer for journal Stroke
2009 - present	Methodology / Statistics reviewer for Academic Emergency Medicine

Teaching

Mentorship

4/2008	Tolu Sonuyi, 4 th year medical student, University of Michigan – Research Elective in Emergency Medicine. Research on hyperglycemia and stroke as part of the MCRIT program 2007-2008 Academic Year
6/2008 – 8/2008	Tom Potti, 2 nd year medical student, University of Michigan. Research on heart rate variability in stroke / Potentially inappropriate medication administration to geriatric emergency department patients – as part of the M-STAR program through the National Institutes of Aging.
6/2009—8/2010	Christine Carlos, 2 nd year medical student, University of Michigan. Research on heart rate variability in stroke – as part of the Summer Biomedical Research Program

Intramural Lectures – Neurology

Lecture dates which are an update of a previously prepared lecture are in (parentheses) below.

8/2006	Lecture on Current Research Protocols in Stroke Program at University of Michigan, (August 2007)
10/2006	Lecture on Risk Factors of Stroke : Gender, Ethnicity, and Lifestyle, October 2006
11/2006	Lecture on History of Acute Stroke Trials (September 2007, September 2008)
2/2007	Lecture on Common Other Causes of Stroke: PRES and CVT(September 2007)
3/2007	Lecture on Common Other Causes of Stroke: Dissection and Vasculitis (February 2008)
4/2007	Lecture on Emergency Department and In-Hospital Management of Stroke
5/2007	Lecture on Pediatric Stroke (October 2007)
5/2007	Lecture on Subarachnoid Hemorrhage (May 2008)
11/2007	Lecture on Head and Neck Trauma and Delayed Stroke
3/2008	Lecture on Risk factors and treatment of stroke II: DM, HTN, race, gender, tobacco/drugs, obesity/diet, exercise
2/2009	Neurology Grand Rounds: Provider Level Barriers to the Use of tPA in Acute Stroke
11/2010	Neurology Grand Rounds: Stroke Thrombolysis Eligibility and Recent Secular Trends in Treatment

Intramural Lectures – Emergency Medicine

4/2006	Lecture on Pre-hospital Care of Penetrating Trauma
3/2006	Lecture on Management of Mood Stabilizer Overdoses
8/2005	Lecture on Management of Mammalian Bites
7/2010, 7/2011	Intern Orientation Lecture on Dizziness and Vertigo
5/2011	Adult Medical Observation Unit Grand Rounds: Dizziness and Vertigo in Acute Care: A Perplexing Problem
7/2011	Emergency Medicine Residency Lecture on Brain Resuscitation

Intramural Lectures – Epidemiology

11/5/08 Lecture for Epidemiology 604 (Dr. Lisabeth) – Title: Coronary Artery Disease: Acute Identification and Treatment

Intramural Lectures – Nursing

10/6/10 Lecture for Nursing Interns – Title: Provider Level Barriers to Acute Stroke Care

Intramural Lectures – Undergraduate

3/22/11 Lecture for UC-106 (Health Sciences Scholars Program) – Title: A Career in Medicine when You Love Both Patient-Care and Clinical Research

Didactic Courses

11/2008 – present Medical student (M4) lecture on Critical Appraisal of Stroke Trials for Advanced Medical Therapeutic Course (2-3 times yearly – 1 hour / session) – Lecture topic updated to Acute Stroke Topics in 2010. (Complete revision and new presentation developed).

5/2011 Designed, organized and implemented 2.5 hour simulation session for Emergency Medicine residents on acute stroke care (utilizing pre and post tests, lecture, simulation case, and self study module).

Additional Teaching Activities

2003 – 2006 PALS and BLS Instructor

12/2005 Presenter at Trauma Process Improvement Conference at MetroHealth

7/2005 – 6/2006 Supervision of Rotating Off-Service Residents in Emergency Department

7/2005 - 6/2006 Journal Club Co-organizer, Resident Didactic Conferences

7/2010--present Co-Faculty Organizer – Resident Journal Club (9 – 2 hour sessions / year)

2008 – present Faculty, Emergency Medicine Oral Board Simulation for 2nd and 3rd year residents

Committee, Organizational, and Volunteer Service

Institutional

2005 Member, Ad hoc Subcommittee of the Medical Education Committee, Internal Review of Pediatric Residency Training Program, Graduate Medical Education, MetroHealth Medical Center

2005 Member, Ad hoc Subcommittee of the Medical Education Committee, Internal Review of Medicine – Pediatrics Combined Residency Training Program, MetroHealth Medical Center

6/2005 – 6/2006 Chief Resident Representative, Residency Steering Committee, MetroHealth Emergency Department, MetroHealth Medical Center

2007 Member, Stroke Committee, WA Foote Hospital, Jackson, MI

2010 - present Member, Stroke Arrival Process LEAN team, University of Michigan Health System

2010 – present Member, Innovation Deployment Team, University of Michigan Medical School

2011 – present Research Champion, MiChart Implementation Team

State

2011 – present Michigan Department of Community Health: HDSP-EMS Systems of Care Work Group on Stroke Designation and Verification

National

2007 - present Member, Clinical Practice Committee, American Academy of Emergency Medicine (AAEM)

2008- present Member, Neurological Emergencies Interest Group, Society for Academic Emergency Medicine

2011-2012 Vice Chair, Neurological Emergencies Interest Group, Society for Academic Emergency Medicine

2010 Author – tPA and Stroke – Clinical Practice Advisory -- AAEM

2010 Author -Should antiemetics be given prophylactically with intravenous opioids while treating acute pain in the Emergency Department? – Clinical Practice Advisory - AAEM

Visiting Professorships, Seminars, and Extramural Invited Presentations

3/2007 INSTINCT Trial Champions Meeting, Conducted Focus Groups on “Barriers to Acute Stroke Therapy”

3/2007 Survival Flight Spring Conference, Ann Arbor, MI Lecture: “Update on Acute Stroke Care”

4/2007 American College of Emergency Physicians Spring Congress, San Diego, CA – New Speakers Forum Lecture: “Tools for the ‘Sharp’ Clinician”

5/2007 Medical Transcriptionist Week 2007 Presentation, Ann Arbor, MI, Lecture: “Trends in Stroke Care”

9/10/2007 Grand Rounds, MetroHealth / Cleveland Clinic Foundation / Case Western Reserve University Affiliated Emergency Medicine Residency, Cleveland, OH. Lecture: “Subarachnoid Hemorrhage”

11/28/2007 Presentation, Chelsea Community Hospital, Chelsea, MI. Lecture: “Acute Stroke Update”

10/1/2008 Grand Rounds, MetroHealth / Cleveland Clinic Foundation / Case Western Reserve University Affiliated Emergency Medicine Residency, Cleveland, OH. Lecture: “Cervicocephalic Arterial Dissections”

6/1/2009 INSTINCT Trial Champions Meeting, Ann Arbor, MI. Lecture: “Dial up versus high-speed: Telephone versus Telemedicine consultation in acute stroke”

6/23/2009 Stroke Center Designation and Management Conference, World Research Group, Arlington, VA. Lecture: “Organizing Emergency Response Systems for Acute Stroke”.

10/3/2009 What Corpus Christi Has Taught the World About Stroke, Texas AM Corpus Christi Campus, Corpus Christi, TX. Lecture: “Coronary Heart Disease in Mexican Americans and non-Hispanic Whites”.

6/14/2010 2010 INSTINCT Stroke Champions Meeting, Ann Arbor, MI lecture: “Track 2: Discovering Barriers to Increasing tPA Use” and “Comparing Notes”

- 8/3/2010 “Barriers to tPA use in Acute Stroke”, Corpus Christi Medical Center, All Medical Staff Meeting
- 9/10/2010 “Changing Health Care Provider Behavior – Case Study: The INSTINCT Trial”, Michigan Stroke Conference 2010, Schoolcraft College, Livonia, MI
- 4/20/2011 “Why is the t in t-PA Lower Case and Other Acute Stroke Mysteries”, MetroHealth Medical Center Emergency Medicine Grand Rounds, Cleveland, Ohio

BIBLIOGRAPHY

Peer-Reviewed Publications

1. Wang, Lichang; **Meurer, William J.**; McCoy, Anne B. *Multiple configuration quantum/classical treatments of reaction dynamics*. Journal of Chemical Physics 2000; 113(23): 10605-10614
2. **Meurer, William J.**; Frederiksen, Shirley; Zhang, Lingling; Majersik, Jennifer; Sandretto, Annette; Scott, Phillip A. *Qualitative Data Collection and Analysis in Emergency Medicine: The INSTINCT Trial* Academic Emergency Medicine 2007;14(11):1064-71
3. Compton, Scott; Lang, Eddy; Richardson, Thomas; Hess, Erik; Green, Jeffrey; **Meurer, William**; Stanley, Rachel; Dunne, Robert; Scott-Findlay, Shannon; Khare, Rahul; Grimshaw, Jeremy *Knowledge Translation Consensus Conference: Proceedings of the Research Methods Breakout Session*. Academic Emergency Medicine 2007;14(11):991-5
4. Zahuranec, Darin B; Morgenstern, Lewis B.; Garcia, Nelda M.; Conley, Kathleen M.; Lisabeth, Lynda D.; Rank, Grace S.; Smith, Melinda A.; **Meurer, William J.**; Resnicow, Ken; Brown, Devin L. *Stroke Health and Risk Education (SHARE) Pilot Project: Feasibility and Need for Church-Based Stroke Health Education in a Bi-Ethnic Community*. Stroke 2008 May; 39(5):1583-5. Epub 2008 Mar 6.
5. Eden, Sonia V, **Meurer, William J.**, Sanchez, Brisa N, Lisabeth, Lynda D, Smith Melinda A, Brown Devin L, Morgenstern Lewis B. *Gender and Ethnic Differences in Subarachnoid Hemorrhage*. Neurology, 2008 Sep 2;71(10):731-5.
6. Majersik, Jennifer J.; Silbergleit, Robert; **Meurer, William J.**; Brown, Devin L.; Lisabeth, Lynda D.; Morgenstern, Lewis B. *Public Health Impact of Full Implementation of Therapeutic Hypothermia after Cardiac Arrest* Resuscitation. 2008;77(2):189-94.
7. Kerber, Kevin A, **Meurer, William J.**, West Brady T, Fendrick Mark A. *Dizziness Presentations in U.S. Emergency Departments, 1995-2004*. Acad Emerg Med. 2008 Aug;15(8):744-750. Epub 2008 Jul 14.
8. **Meurer, William J.**; Smith, Barbara L; Losman, Eve D; Sherman, Diana; Yaksich, Joseph; Jared, Jeremy; Malani, Preeti N; Younger, John G; *Real-Time Identification of Serious Infection in Geriatric Patients By Clinical Information System Surveillance* Journal of the American Geriatrics Society. 2009 Jan;57(1):40-5.
9. **Meurer, William J.**; Sánchez, Brisa N.; Smith, Melinda A., Lisabeth, Lynda D; Majersik, Jennifer J; Brown, Devin L; Uchino, Ken; Bonikowski, Frank P; Mendizibal, Jorge E.; Zahuranec, Darin B.; Morgenstern, Lewis B; *Predicting ischaemic stroke subtype from presenting systolic blood pressure: The BASIC Project* Journal of Internal Medicine. 2009, Mar;265(3):388-96. Epub 2008 Oct 25.
10. **Meurer, William J.**, Scott, Phillip A., Caveney, Angela F., Majersik, Jennifer, J.; Frederiksen, Shirley M.; Sandretto, Annette; Holden, Ann B; Silbergleit, Robert, *Lack of Association Between Hyperglycemia at Arrival and Clinical Outcomes in Acute Stroke*

- Patients Treated with Tissue Plasminogen Activator* International Journal of Stroke. 2010 May;5(3):163-166.
11. **Meurer, William J.**; Potti, Tommy A.; Kerber, Kevin A.; Sasson, Comilla; Macy, Michelle L.; West, Brady, T.; Losman, Eve D. *Potentially Inappropriate Medication Utilization in the Emergency Department Visits by Older Adults: Analysis From a Nationally Representative Academic Emergency Medicine*. 2010 Mar;17(3):231-7
 12. Lisabeth, Lynda D.; Escobar, James; Sanchez, Brisa N.; Hughes, Rebecca; **Meurer, William J.**; Zuniga, Belinda; Garcia, Nelda; Morgenstern, Lewis B. *The Food Environment in a Mexican American Community*. Health and Place. 2010 May;16:598-605.
 13. Caveney, Angela F.; Silbergleit, Robert; Frederiksen, Shirley; **Meurer, William J.**; Scott, Phillip A. *Resource Utilization and Outcome at a University versus a Community Teaching Hospital in tPA Treated Stroke Patients*. BMC Health Services Research. 2010 Feb;10:44
 14. Morrison, Laurie J.; Deakin, Charles D.; et al (**Meurer, William J** author of ALS-SC-076A “Electrolyte Disturbances” in) *Part 8: Advanced Life Support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations*. Circulation 2010;122;S345-S421
 15. Sasson, Comilla; Keirns, Carla C.; Smith, Dylan; Sayre, Michael; Macy, Michelle; **Meurer, William J.**; McNally, Bryan F., Kellerman, Arthur L.; Iwashyna, Theodore J. *Small Area Variations in Out-of-Hospital Cardiac Arrest: Does the Neighborhood Matter?* Annals of Internal Medicine. 2010;153:19-22
 16. Scott, Phillip A.; Frederiksen, Shirley M; Kalbfleisch, John D.; Xu, Zhenzhen; Caveney, Angela F.; **Meurer, William J.**; Sandretto, Annette.; Haan, Mary N.; Hoeffner, Ellen G.; Holden, Ann B.; Ansari, Sameer A.; Lambert, David P.; Jaggi, Michael.; Barsan, William G.; Silbergleit, Robert. *Safety of Intravenous Thrombolytic Use in Emergency Departments Without Acute Stroke Teams*. Academic Emergency Medicine. 2010;17:1062-71
 17. Arsava, Ethem M.; Ballabio, Elena; Cole, John; Delgado-Martinez, Maria Pilar; Dichgans, Martin; Fazekas, Franz; Furie, Karen L.; Illoh, Kachikwu; Jood, Katarina; Kittner, Steven; Koroshetz, Walter J.; Lindgren, Arne G.; Majersik, Jennifer; **Meurer, William J.**; Joan Montaner, Norrving, Bo; Olugbodi, Akintomi A.; Pashar, Alireza; Redfors, Petra; Schmidt, Reinhold; Sharma, Pankaj; Singhal, Aneesh B.; Sorensen, A. Gregory; Sudlow, Cathie; Thijs, Vincent; Worrall, Bradford; Rosand, Jonathan; Ay, Hakan. *The Causative Classification of Stroke System*. Neurology. 2010;75(14)1277-84;
 18. Cardozo, E., Overgaard, K., **Meurer, W.**, Smith, B., Holschen, J. *The Utility of an Automated Notification System for Research Subject Recruitment*. Emergency Medicine Journal 2010;27(10)786-7.
 19. Scott, Phillip A., Xu, Zhenzhen, **Meurer, William J.**, Frederiksen, Shirley, Haan, Mary, Westfall, Michael, Kothari, Sandip, Morgenstern, Lewis B., and Kalbfleisch, John D. *Attitudes and Beliefs of Michigan Emergency Physicians Toward tPA Use in Stroke: Baseline Survey Results From the INSTINCT Trial Hospitals*. Stroke 2010;41(9)2026-32.
 20. **Meurer, William J.**, Losman, Eve D., Smith, Barbara L., Malani, Preeti M., Younger, John G. *Short-Term Functional Decline and Loss of Independence among Elderly Patients Admitted through the Emergency Department for Suspected Sepsis*. Accepted for publication to American Journal of Emergency Medicine, April 2010
 21. **Meurer, William J.**, Caveney, Angela F, Lo, Alex, Zhang, Lingling, Frederiksen, Shirley M., Sandretto, Annette M., Silbergleit, Robert, Scott, Phillip A. *Lack of*

- association between pre-treatment specialist consultation and subsequent protocol deviation in tPA-treated stroke patients. *Stroke*, 2010;41(9):2098-101
22. Ponce, Alex; Swor, Robert; Quest, Tammie; Macy, Michelle; **Meurer, William**; Sasson, Comilla. *Death Notification Training for Prehospital Providers: A Pilot Study*. *Prehospital Emergency Care*, 2010 Oct-Dec; 14(4):537-42
 23. Kerber, Kevin; Hofer, Timothy; **Meurer, William J.**; Fendrick, A; Morgenstern, Lewis. *Emergency Department Documentation Templates: Association with Physical Examination and Test Ordering in Dizziness Presentations*. *Academic Emergency Medicine*. In press, December 2010.
 24. Kerber, Kevin A; Burke, James F; Brown, Devin L; **Meurer, William J**; Smith, Melinda A; Lisabeth, Lynda D; Morgenstern, Lewis B; Zahuranec, Darin B; *Does intracerebral hemorrhage mimic benign dizziness presentations? A population based study*. *Emergency Medicine Journal*. In press, published Jan 2011
 25. Kerber KA, Hofer TP, **Meurer WJ**, Fendrick AM, Morgenstern LB. *Emergency Department Documentation Templates: Variability in Template Selection and Association with Physical Examination and Test Ordering in Dizziness Presentations*. *BMC Health Services Research*, 2011;11:65;
 26. Fletcher, Jeffrey J; Brown, Devin L; Rajajee, Venkatkrishna; Jacobs, Teresa L; Rochlen, Lauryn, **Meurer, William**. *The Association Between Proton Pump Inhibitor Use and Outcome After Aneurysmal Subarachnoid Hemorrhage* *Neurocritical Care*. 2011 (Mar 16 Epub ahead of print).
 27. Sasson C, Keirns C, Smith D, Sayre M, Macy M, **Meurer W**, McAMally BF, Kellermann AL, Iwashyna TJ. *Examining the Contextual Effects of Neighborhood on Out-of-Hospital Cardiac Arrest and the Provision of Bystander Cardiopulmonary Resuscitation*. *Resuscitation*, 2011 (Epub ahead of print Mar 30).
 28. **Meurer, William J.**; Majersik, Jennifer J.; Fredericksen, Shirley M.; Sandretto, Annette M.; Scott, Phillip A.. *Providers Perceptions of Barriers to the Emergency Use of tPA for Acute Ischemic Stroke: A Qualitative Study*. *BMC Emergency Medicine*. 2011;11:5
 29. Kocher, KE, **Meurer, WJ**, Fazel, R, Scott, PA, Krumholz, HM, Nallamothu, BK. *National Trends in Use of Computed Tomography in the Emergency Department*. Accepted by *Annals of Emergency Medicine*, May 2011.
 30. Burkhardt JC, Kowalenko T, **Meurer WJ**. *Academic Career Selection in Emergency Medicine Residents*. Accepted by *Academic Emergency Medicine*, June 2011.
 31. **Meurer, William J**, Sozener, Cemal B., Fredericksen, Shirley M., Kade, Allison, Xu, ZhenZhen, Kalbfleish, Jack, and Scott, Phillip A. *The Incidence of Emergency Physician Turnover: A Prospective Cohort Study Within the INSTINCT Trial*. Accepted by *Western Journal of Emergency Medicine*, August 2011.

Other publications

1. Majersik, Jennifer J.; **Meurer, William J.** *The 2007 International Stroke Conference Summary*. *Journal of Neuro-Ophthalmology* 2007; 27(2):147-9 (Editorial / review).
2. Skolarus, Lesli E; **Meurer, William J.** *The 2008 International Stroke Conference Summary*. *New Orleans, LA February 20-22, 2008* *Journal of Neuro-Ophthalmology* 2008 Sep;28(3):245-8 (Editorial / review).
3. **Meurer, William J**; Kronick, Steven L; Lowell, Mark J; Desmond, Jeffrey S; Mudgal, Chaitanya S. *Complex metacarpophalangeal dislocation* *International Journal of Emergency Medicine* 2008 Sep;1(3):227-8.
4. Pancioli AM, Broderick J, Brott T, Tomsick T, Khoury J, Bean J, delZoppo G, Kleindorfer D, Woo D, Khatri P, Castaldo J, Frey J, Gebel J Jr, Kasner S, Kidwell C,

- Kwiatkowski T, Libman R, Mackenzie R, Scott P, Starkman S, Thurman RJ; CLEAR Trial Investigators. The combined approach to lysis utilizing eptifibatide and rt-PA in acute ischemic stroke: the CLEAR stroke trial. Stroke. 2008 Dec;39(12):3268-76. [I was one of the CLEAR trial investigators].
5. Somand, David; **Meurer, William J.**; *Central Nervous System Infections* Emergency Medicine Clinics of North America. 2009 Feb;27(1):89-100, ix. Review.
 6. **Meurer, William J.**; *Radial artery pseudoaneurysm caused by occult retained glass from a hand laceration* (Case Report) Pediatric Emergency Care; 2009 Apr;25(4):255-7.
 7. **Meurer, William J.**; Barsan, William G. *Acute Ischemic Stroke Management*. Critical Decisions in Emergency Medicine October 2009.
 8. Carpenter, Christopher R.; Keim, Samuel M.; Milne, William K.; **Meurer, William J.**; Barsan, William G. *Thrombolytic Therapy for Acute Ischemic Stroke Beyond Three Hours* Journal of Emergency Medicine. In Press
 9. Jauch, Edward; Cucchiara, Brett; Adeoye, Opeolu; **Meurer, William J.**; Brice, Jane; Chan(Yu-Feng), Yvonne; Gentile, Nina; Hazinski, Mary Fran; *Chapter 11: Stroke in Guidelines 2010 – International Liaison Committee on Resuscitation*. In Press.
 10. Cairns Charles B, Maier Robert V, et al. (**Meurer WJ** among 20 authors alphabetically listed), Roundtable External Participants and Roundtable Steering Committee and Federal Participants. *NIH Roundtable on Emergency Trauma Research* Annals of Emergency Medicine, 2010 Nov;56(5):538-50
 11. **Meurer, William J**, *ACP Journal Club*. *The Canadian C-Spine Rule, used by nurses, accurately identified cervical spine injury in patients with trauma (Comment)*. Annals of Internal Medicine, 2011 Jan; 154(1):JC1-13

Submitted for Publication

1. Majersik, JJ, Meurer, WJ, Frederiksen, SA, Sandretto, AM, Zhenzhen, X, Goldman, EB, and Scott, PA. *Observational Study of Telephone Consults by Stroke Experts to Support Community rt-PA Delivery*. Submitted to Neurology, May 2010.
2. Kocher, Keith, **Meurer, William**, Desmond, Jeffrey S., Mallamothe, Brahmajee K. *Impact of Testing and Treatment on Emergency Department Length of Stay Using a National Database*. Submitted to Annals of Emergency Medicine, May 2011
3. Macy, Michelle L., Clark, Sarah J., Sasson, Comilla., **Meurer, William J.**, Freed, Gary L. *A National Survey of Emergency Physicians Regarding Attitudes and Behaviors Related to Child Passenger Safety During an ED Visit*. Submitted to the Annals of Emergency Medicine, May 2011
4. **Meurer, William J.**, Lisabeth, Lynda D., Burke, James F., Ellis, Jennifer, Smith, Melinda A., Kerber, Kevin A., Zahuranec, Darin B., Garcia, Nelda, Hall, Pamela., McLaughlin, Thomas., Morgenstern, Lewis B. *Eligibility of Acute Stroke Patients for Intravenous Thrombolysis: the Brain Attack Surveillance in Corpus Christi (BASIC) Project*. Submitted to Annals of Emergency Medicine, May 2011
5. Zahuranec, Darin B., Sanchez, Brisa N., Brown, Devin L., Wing, Jeffrey J., Smith, Melinda A., Garcia, Nelda M., **Meurer, William J.**, Morgenstern, Lewis B., Lisabeth, Lynda D. *Impact of CT Findings on Models Predicting Mortality in a Study of Ischemic and Hemorrhagic Stroke*. Submitted to Circulation Cardiovascular Quality and Outcomes, June 2011.
6. Scott, Phillip A., Silbergleit, Robert, Haan, Mary N., Kalbfleisch, John D., Frederiksen, Shirley M., **Meurer, William J.**, Zhenzhen Xu, Cabana Michael D., Morgenstern, Lewis B. *A Cluster-Randomized Controlled Trial of a Barrier Assessment-interactive*

- Educational Intervention to Enhance Community Hospital Use of tPA in Acute Stroke: The INSTINCT Trial Design.* Submitted to Implementation Science, August 2011.
7. Skolarus, Leslie E., **Meurer, William J.**, Burke, James F., Bettger, Janet P., Lisabeth, Lynda D. *The Impact of Insurance Status on Post-Acute Care Among Working Age Stroke Survivors.* Submitted to JAMA, September 2011.
 8. Zahurancu DB, Sanchez BN, Brown DL, Wing JJ, Smith MA, Garcia NM, **Meurer WJ**, Morganstern LB, Lisabeth LD. *CT Findings for intracerebral hemorrhage have little incremental impact on mortality prediction model performance.* Submitted to Stroke, October 2011.

Chapters in Books

1. **Meurer, William J.**, *Abdominal Abscesses*, Chapter 9-22, page 285, In *Greenberg's Text-Atlas of Emergency Medicine* Greenberg, Michael I, et al. editors, Lippincott, Williams, & Wilkins; Philadelphia 2004
2. **Meurer, William J.**, *Hirschsprung's Disease*, Chapter 9-28, page 291, In: *Greenberg's Text-Atlas of Emergency Medicine* Greenberg, Michael I, et al. editors, Lippincott, Williams, & Wilkins; Philadelphia 2004
3. **Meurer, William J.**, Silbergleit, R; Chapter 45, *Evidence Based Treatment of Stroke.* In: *Evidence Based Emergency Medicine* Rowe, Brian, editor. 2008
4. **Meurer, William J.**, Lavoie, Frank; Central Nervous System Infections. Chapter 107 *Rosen's Emergency Medicine*, Editor: Marx, 7th Edition, 2009
5. **Meurer, William J.**, *Peripheral Neuropathies and Other Neuromuscular Emergencies.* Chapter 78, pages 399-404. *Essentials of Emergency Medicine*, Editor: Richard V. Aghababian. 2nd Edition, 2011.

Other Media

University of Michigan Brain Injury Group Guidelines for Management of Hypertension in Acute Ischemic Stroke. [I researched the medications and formatted the guideline quick-reference card.]

FDA's \$25 Million Pitch for Improving Drug Regulation, Science, 7 October 2010, <http://news.sciencemag.org/scienceinsider/2010/10/fdas-25-million-pitch-for-improving.html>

Abstracts

1. **Meurer, William J.**, McCoy, Anne B. *Quantum and Classical Dynamics of the Reaction $O(^3P) + HCl \rightarrow OH + Cl$* . Denman Undergraduate Research Forum, Ohio State University, May 14, 1999
2. Rosenstein, Alix L., Jones, Robert A., Werner, Sandra L., **Meurer, William J.**, Echevarria, Michelle A., Emerman, Charles A. *Ultrasound as a Tool to Confirm Tracheal Intubation* Annual Meeting of the Society for Academic Emergency Medicine May 2004
3. Scott, Phillip A., Silbergleit, Robert, Morgenstern, Lewis B., Haan, Mary N., **Meurer, William J.**, Kalbfleisch, John D., Frederiksen, Shirley M., Panagos, Peter, Humphries, Roger, Pettigrew, L. Creed, *Increasing Stroke Treatment through Interventional Behavior Change Tactics* International Stroke Conference February 2007
4. **Meurer, William J.**, Scott, Phillip A., Caveney, Angela F., Silbergleit, Robert, *Poor Association Between Hyperglycemia at Arrival and Clinical outcomes in Acute Stroke*

- Patients Treated with Tissue-type Plasminogen Activator* EMRAM Research Forum; Lansing, MI, April 2007 (Oral abstract presentation)
5. **Meurer, William J**, Scott, Phillip A., Caveney, Angela F., Silbergleit, Robert, *Poor Association Between Hyperglycemia at Arrival and Clinical outcomes in Acute Stroke Patients Treated with Tissue-type Plasminogen Activator* Annual Meeting of the Society for Academic Emergency Medicine, Chicago, IL, May 2007
 6. **Meurer, William J**, Frederiksen, Shirley, Zhang, Lingling, Majersik, Jennifer, Sandretto, Annette, Scott, Phillip A. *Qualitative Data Collection and Analysis in Emergency Medicine: The INSTINCT Trial* Canadian Association for Health Services and Policy Research Conference, Toronto, Ontario, June 2007
 7. **Meurer, William J**, Scott, Phillip A., Caveney, Angela F., Silbergleit, Robert, *Poor Association Between Hyperglycemia at Arrival and Clinical outcomes in Acute Stroke Patients Treated with Tissue-type Plasminogen Activator* Mediterranean Emergency Medicine Congress, Sorrento, Italy, September 2007 (Oral abstract presentation)
 8. **Meurer, William J**, Caveney, Angela, Zhang, Lingling, Silbergleit, Robert, Scott, Phillip A., *Lack Of Association Between Neurology Consultation Prior To Administration Of Intravenous Thrombolytics And Prevalence Of Protocol Deviations*. International Stroke Conference, New Orleans, LA, February 2008
 9. **Meurer, William J**, Majersik, Jennifer, Frederiksen, Shirley, Zhang, Lingling, Sandretto, Annette, Scott, Phillip A. *Barriers to the Emergency Use of Thrombolysis for Acute Ischemic Stroke: the INcreasing Stroke Treatment through INteractive Behavioral Change Tactics (INSTINCT) Trial*. International Stroke Conference, New Orleans, LA, February 2008
 10. **Meurer, William J**, Lisabeth, Lynda, Sanchez, Brisa N., Smith, Melinda, Majersik, Jennifer J., Brown, Devin, Uchino, Ken, Morgenstern, Lewis B., *Lower Presenting Systolic Blood Pressure Is Associated With Cardioembolic Subtype In Ischemic*. International Stroke Conference, New Orleans, LA, February 2008
 11. Caveney AF, Meurer WJ, Xu Z, Frederiksen S, Sandretto A, Silbergleit R, Scott PA, *Patterns and Importance of Protocol Deviations in use of Tissue-type Plasminogen Activator in Stroke*. International Stroke Conference, New Orleans, LA, February 2008
 12. Caveney AF, Meurer WJ, Xu Z, Frederiksen S, Holden AB, Silbergleit R, Scott PA *Use of Tissue-type Plasminogen Activator: Have We Improved?* International Stroke Conference, New Orleans, LA, February 2008
 13. **Meurer, William J** ; Eden, Sonia V ; Sanchez, Brisa N ; Lisabeth, Lynda, D; Smith, Melinda A; Brown, Devin, L.; Morgenstern, Lewis B.; *Subarachnoid Hemorrhage in a bi-ethnic community*. Society for Academic Emergency Medicine Annual Meeting, Washington, D.C., May 2008
 14. Smith, Barbara L; Losman, Eve D; Sherman, Diana; Yaksich, Joseph; Jared, Jeremy; Malani, Preeti N; Younger, John G; **Meurer, William J**; *Rapid Identification of Serious Infection in Geriatric Emergency Department Patients By Clinical Information System Surveillance..* Society for Academic Emergency Medicine Annual Meeting, Washington, D.C., May 2008
 15. Smith, Barbara L; Losman, Eve D; Sherman, Diana; Yaksich, Joseph; Jared, Jeremy; Malani, Preeti N; Younger, John G; **Meurer, William J**; *Rapid Identification of Serious Infection in Geriatric Emergency Department Patients By Clinical Information System Surveillance*. American Geriatrics Society Annual Meeting, Washington, D.C., May 2008 (Presidential Poster Session)

16. Losman, Eve D; Smith, Barbara L; **Meurer, William J**; Younger, John G; *Rapid Level of Function and Independence in Older Adults Hospitalized with Suspected Serious Infection*. American Geriatrics Society Annual Meeting, Washington, D.C., May 2008
17. Scott, Phillip A.; **Meurer, William J**; Bastani, Aveh; for the INSTINCT Investigators; *Emergency Physician Attitudes, Knowledge and Barriers in Acute Stroke Treatment: The INSTINCT Study*. Society for Academic Emergency Medicine Annual Meeting, Washington, D.C., May 2008
18. Potti, Tommy; West, Brady T; **Meurer, William J**; *Potentially inappropriate medication administration during emergency department visits by geriatric patients: 2000-2006*. Midwest Regional Meeting of Society for Academic Emergency Medicine; Coralville, Iowa, September 29, 2008 and National Meeting of Society for Academic Emergency Medicine; New Orleans, Louisiana, May, 2009
19. **Meurer, William J**; West, Brady T.; Kerber, Kevin A. *Dizziness presentations in U.S. Emergency Departments, 1995-2004: Doing More, Getting Less?* American College of Emergency Physicians Research Forum; Chicago, Illinois, October 27, 2008.
20. **Meurer, William J**; Majersik, Jennifer J; Sandretto, Annette; Frederiksen, Shirley; Scott, Phillip A. *Initial Use of Stroke Expert Telephone Consultation to Enhance Community Intravenous Tissue Plasminogen Activator Delivery in the Increasing Stroke Treatment through Interactive Behavior Change Tactics (INSTINCT) Trial* International Stroke Conference, San Diego, CA, February 2009 (Oral Presentation).
21. Younger, John; Losman, Eve; Smith, Barbara; **Meurer, William J.**; Malani, Preeti; *Ninety-day functional Status, Living Independence, and Mortality in Older Adults Seen in the ED with Possible Sepsis: A Prospective Case-control Study*. National Meeting of Society for Academic Emergency Medicine; New Orleans, Louisiana, May, 2009.
22. Carlos, Christine; Smith, Barbara; **Meurer, William**. *Heart Rate Variability in Cerebrovascular Disease*. Presented at the 2009 Midwest Regional Meeting of the Society for Academic Emergency Medicine, Ann Arbor, MI, September 2009.
23. **Meurer, William J**, Frederiksen, Shirley M., Kade, Allison, Xu, ZhenZhen, Kalbfleish, Jack, and Scott, Phillip A. *The Incidence of Emergency Physician Turnover: A Prospective Cohort Study Within the INSTINCT Trial*. Presented at the 2010 Society for Academic Emergency Medicine Annual Meeting in Phoenix, AZ, June 5, 2010

Updated 10/13/11