

CURRICULUM VITAE
The Johns Hopkins University School of Medicine

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DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

2013-present Johns Hopkins University Hospital

Personal Data

5200 Eastern Avenue/ MFL, Center Tower, #381
Baltimore, MD 21224

Education and Training

Undergraduate

2002	Tulane University	B.S, Neuroscience, New Orleans
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Doctoral/graduate

2007	University of Maryland Medical School	M.D., Baltimore
2015	Johns Hopkins Bloomberg School of Public health	M.H.S., Baltimore

Postdoctoral

2011	Tulane University Hospital	Internal medicine residency, New Orleans
2014	Johns Hopkins University	Infectious disease fellowship, Baltimore

Professional Experience

7/2017 Assistant Professor, Johns Hopkins Bayview Medical Center, Baltimore MD

PUBLICATIONS

Original Research [OR]

1. Tonelli LH, Hoshino A, **Katz M**, Postolache TT. Acute stress promotes aggressive-like behavior in rats made allergic to tree pollen. *International Journal of Child Health and Human Development* 2008 1(3):305-312. PMID 20622938
2. Tonelli LH, **Katz M**, Kovacsics CE, Gould TD, Joppy B, Hoshino A, Hoffman G, Komarow H, Postolache TT. Allergic rhinitis induces anxiety-like behavior and altered social interaction in rodents. *Brain Behavior and Immunology* 2009 Aug; 23(6):784-93. PMID 19268702
3. Peters MN, Moscona JC, **Katz MJ**, et al. Natural Disasters and myocardial infarction: the six years after Hurricane Katrina. *Mayo Clin Proceedings*. 2014 April 89(4):472-477. PMID 24656058
4. Peters MN, **Katz MJ**, Moscona JC, Alkadri ME, Khazi Syed RH, Turnage TA, Nijjar VS, Bisharat MB, Delafontaine P, Irimpen AM. Effect of Hurricane Katrina on chronobiology at onset of acute myocardial infarction during the subsequent three years. *American Journal of Cardiology* 2013 Mar 15;111(6):800-3 PMID 23291089
5. Halperin, J, **Katz M**, Pathmanathan I, et al. Early HIV Diagnosis Leads to Significantly Decreased Costs in the First 2 Years of HIV Care in an Urban Charity Hospital in New Orleans. *J Int Assoc Provid AIDS Care*. 2017 Jan 1;2325957417737381. doi: 10.1177/2325957417737381. PMID 29076395
6. Jump RLP, Gaur S, **Katz MJ**, et al. Infection Advisory Committee for AMDA—The Society of Post-Acute and Long-Term Care Medicine. Template for Antibiotic Stewardship Policy for Post-Acute and Long-Term Care Settings. *J Am Med Dir Assoc*. 2017 Sep 18. pii: S1525-8610(17)30430-9. PMID 28935515

Review Articles [RA]

1. Alkadri ME, Peters MN, **Katz MJ**, White CJ. State-of-the-art paper: Therapeutic hypothermia in out of hospital cardiac arrest survivors. Catheterization and cardiovascular interventions. 2013 Oct 1; 82(4). PMID 23475635
2. **Katz MJ**, Roghmann MC. Healthcare-associated infections in the elderly: what's new. Current Opinion in Infectious Diseases. 2016 August; 29(4):388-93. PMID 27306562
3. **Katz MJ**, Gurses AP, Tamma PD, Cosgrove SE, Miller MA, Jump RLP. Implementing Antimicrobial Stewardship in Long-term Care Settings: An Integrative Review Using a Human Factors Approach. Clin Infect Dis. 2017 Jun 20. PMID: 29020290
4. Workneh M, **Katz MJ**, Lamorde M, Cosgrove SE, Manabe YC. Antimicrobial resistance in sub-Saharan Africa. Open Forum Infectious Diseases, ofx209, October 2017. <https://doi.org/10.1093/ofid/ofx209>

Case Reports [CR]

1. Peters M, **Katz M**. An 'infected sebaceous cyst' in a 42 year old man with recent travel to South America. *American Journal of Medical Sciences* 2012 Jan; 343(1):101-2. PMID 21934594
2. Peters M, Syed RK, **Katz M**, Moscona J, Press C, Nijjar V, Bisharat M, Baldwin D. May-Thurner syndrome: a not so uncommon cause of a common condition. *Proceedings (Baylor University Medical Center)* 2012 July; 25(3): 231-3. PMID 22754121
3. **Katz MJ**, Peters MN, Wysocki JD, Chakraborti C. Diagnosis and management of delayed hemoperitoneum following therapeutic paracentesis. *Proceedings (Baylor University Medical Center)*. 2013 Apr 26(2):185-6. PMID 23543985
4. **Katz MJ**, Parrish NM, Belani A, Shah M. Recurrent *Aeromonas* Bacteremia Due to Contaminated Well Water. *Open Forum of Infectious Diseases*. 2015 October 20;2(4):ofv142. PMID 26495324

FUNDING

December 2017-2018	Barriers and Facilitators for Implementing Infection Prevention Practices for Device Care in High-acuity Skilled Nursing Facilities: A Human Factors Analysis Contract # 200-2018-96313 Centers for Disease Control PI: Katz/Gurses Role: PI
September 2016-2021	The AHRQ Safety Program for Improving Antibiotic Use Grant #: HHSP2332015000201 Agency for Healthcare and Quality Research PI: Cosgrove/Tamma Role: Co-investigator, 40% effort
July 2015-June 2017	T32 Training Grant Grant # T32 AI007291-27 National Institutes of Health PI: Sara Cosgrove

CLINICAL ACTIVITIES

Clinical Focus Clinical focus on the care of infectious disease issues, particularly in the elderly.

Certification

Medical, other state/government licensure

6/2015 Maryland State License #D80014

Boards, other specialty certification

8/2014 National Board of Internal Medicine

11/2016 National Board of Infectious Disease

Clinical (Service) Responsibilities

7/2014-7/2017 Clinical postdoctoral fellow of infectious disease

Clinical fellow providing ID consultation at Johns Hopkins University Hospital and Johns Hopkins Bayview Hospital

7/2016-present ID consultant at Lorien long-term care facilities
ID consultation, antibiotic stewardship, and infection prevention expertise at Lorien long-term care facilities throughout state of Maryland

EDUCATIONAL ACTIVITIES

Teaching

2010 Student Teaching and Scholars Program Baltimore MD
Selected as instructor in student education program directed towards educating upcoming second year medical students struggling with the curriculum

2013 Medical Student Educator New Orleans LA
Clinical preceptor for 2nd year medical students training how to conduct histories and physical exams at bedside

Workshops / seminars

8/2014 Fellows course in Healthcare Epidemiology and Infection Prevention Baltimore MD

RESEARCH ACTIVITIES

Research Focus

12/2017 CDC BAA: Human factors analysis of barriers and facilitators to proper device care in long-term care facilities Baltimore MD
Principal Investigator
Principal Investigator on CDC funded study to evaluate and guide infection prevention practices in high acuity skilled nursing facilities. Applied engineer and patient safety principles to guide interventions to prevent transmission of multi-drug resistant organisms.

4/2017 Quality Improvement Project Baltimore MD
Implemented electronic template to guide communication and responsible antibiotic use for UTI in long-term care

5/2016 AHRQ Safety program for Improving Antibiotic Use Baltimore MD
Co-investigator
Co-investigator on large trial applying CUSP patient safety methodology to development of antibiotic stewardship efforts in long-term care

8/2013 Tulane University Hospital/HOP clinic New Orleans LA
Principal Investigator
Retrospectively evaluated factors related to adherence to antiviral medications in a cohort of rural HIV infected patients in Alexandria LA

6/2011 Tulane University Hospital New Orleans LA
Co-investigator
Collaborated on a large research study investigating the effects of Hurricane Katrina on risk for myocardial infarction in affected populations; research extended for 10 years post-Katrina.

8/2006 University of Maryland Medical School Mood and Anxiety Program Baltimore MD
Research Assistant
Collaborated on a study investigating the correlation between allergies and depression and suicide as a full-time research assistant at the University of Maryland Medical School. Responsible for a range of laboratory procedures, including performing behavioral tests (open field, force swim) and allergy induction in rats. Edited and assisted in writing IRB protocols, grants, and journal publications.

5/2005 Sheppard Pratt Health Center Baltimore MD

Clinical Research Assistant

Recruited, managed and administered cognitive and psychological tests to healthy control subjects to aid a research study on the effect of certain viruses on cognitive function in schizophrenic, bipolar, and healthy individuals. Monitored in-patient charts daily throughout Sheppard Pratt and surrounding mental health facilities. Performed cognitive testing on recently psychotic, bipolar, and schizophrenic patients.

8/2005

Tufts Center for the Study of Drug Development

Research Assistant

Investigated and analyzed the development and reasons for discontinuation of various monoclonal antibody therapies for 500+ drug companies. Edited scientific papers and provided input for future research opportunities on drug development.

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

System Innovation and Quality Improvement efforts outside of JHMI:

7/2016

Coinvestigator/30%; Lorient Healthcare Facilities

Infectious disease consultation and antibiotic stewardship efforts in long-term care

ORGANIZATIONAL ACTIVITIES

Professional Societies

2018

Antibiotic Stewardship Committee Member: Society for Healthcare Epidemiology of America (SHEA)

Journal peer review activities

2011

Society of General Internal Medicine

2016

Journal of Infection and Public Health

RECOGNITION

Invited Talks

National

3/2018

Preventing Transmission of Multi-drug resistant organisms in long-term care

Annual AMDA conference
Grapevine, Texas

Behavioral Changes for Antibiotic Stewardship

Panel Member for challenges in Implementing Antibiotic Stewardship programs

JHMI/Regional

5/2018

Changing the culture of antibiotic stewardship

Science Writer's Bootcamp Event

6/2017

Stopping Sepsis in Long-Term Care

HQI/MD Patient Safety Center

Infectious Disease consultation in long-term care

OTHER PROFESSIONAL ACCOMPLISHMENTS

Invited Presentations:

Katz M, Van Sickels N. A cerebral enigma: CNS *fungus* infection. Accepted for poster presentation at: 2014 Annual meeting for society of hospital medicine; 2014 March 26; Las Vegas, NV.

Katz M, Peters M. When symmetry is ominous: bilateral facial nerve palsy. Accepted for poster presentation at: 2014 Annual meeting for society of hospital medicine; 2014 March 26; Las Vegas, NV.

Katz M, Peters M, Van Sickels N. Not your ordinary sore throat: Lemierre's syndrome. Accepted for poster presentation at: 2014 Annual meeting for society of hospital medicine; 2014 March 26; Las Vegas, NV.

Katz M, Peters M, Van Sickels N. Not your ordinary sore throat: a case of Lemierre's syndrome. Oral Presentation presented at: 2014 Annual meeting for Louisiana American College of Physicians; 2014 January 21; Shreveport, Louisiana.

Katz M, Peters M, Richey L, Van Sickels N. Factors Associated with Decreased Retention in Care in Persons Living with HIV/AIDS in the Rural South. Poster presentation presented at: 2013 Annual meeting for Infectious Diseases Society of America; 2013 October 4, 2013; San Francisco, Ca.

Halperin J, Pathmanathan I, Katz M, Van Sickels N, Seal P, Richey L. Earlier HIV Diagnosis Leads to significantly Decreased Costs in the First Two Years of HIV Care in an Urban Charity Hospital in New Orleans. 2013 Annual meeting for Infectious Diseases Society of America; 2013 October 5, 2013; San Francisco, Ca.

Sugar and spice: not so nice: clinical vignette of cinnamon supplement induced hepatitis. Oral presentation presented at: 2013 Annual meeting for Society of General Internal Medicine; 2013 April 24-27; Denver, Colorado.

Taking away more than you bargained for: clinical vignette on delayed hemoperitoneum. Poster presentation presented at: 2013 Annual meeting for Society of General Internal Medicine; 2013 April 24- 27; Denver, Colorado.

Eosinophilia: more than just allergies and worms: clinical vignette on complications of hypereosinophilic syndrome. Poster presentation presented at: 2013 Annual meeting for Society of General Internal Medicine; 2013 April 24-27; Denver, Colorado.

A tricky troponin: clinical vignette on pseudoaneurysm of the mitral-aortic intervalvular fibrosa. Poster presentation presented at: 2013 Annual meeting for Society of General Internal Medicine; 2013 April 24- 27; Denver, Colorado.

Pyomyositis in an immunocompetent 26-year-old man. Poster presentation presented at: 2012 Annual meeting for Society of Hospital Medicine; 2012 April 1-4; San Diego, California.

Review of Antiretroviral Prophylaxis for HIV Prevention in Heterosexual Men and Women. Journal Club Presentation; 2012 December 17; New Orleans, Louisiana.

Katz M, Van Sickels N. A cerebral enigma: CNS *Fonsecaea pedrosoi* infection. Accepted for poster presentation at: 2014 Annual meeting for society of hospital medicine; 2014 March 26; Las Vegas, NV.