

Michelle E. Crozier, PhD, MPH, CPH

OFFICE: Department of Global Health
Management and Informatics
University of Central Florida
500 W. Livingston Street
Orlando, FL 32801

EDUCATION

- 2017** **PhD in Public Health**
Concentration: Epidemiology
University of South Florida, College of Public Health, Tampa, FL
Dissertation: Deployment, Post-Traumatic Stress Disorder, and Hypertensive Disorders of Pregnancy among U.S. Active-Duty Military Women
- 2017** **Graduate Certificate, Applied Biostatistics**
University of South Florida, College of Public Health, Tampa, FL
- 2008** **Master of Public Health**
Concentration: Epidemiology
University of South Florida, College of Public Health, Tampa, FL
- 2006** **Bachelor of Science**
Stetson University, DeLand, FL

PROFESSIONAL CERTIFICATIONS

- 2020** **Professional Certification in Trauma and Resilience: Level One**, Florida State University
2019 **Mental Health First Aid**, Mental Health First Aid USA
2017 **Certified in Public Health (CPH)**, ID10849191, National Board of Public Health Examiners

PROFESSIONAL EXPERIENCE

- 2021 – Present** **Lecturer**
Department of Global Health and Informatics
College of Community Innovation and Education
University of Central Florida, Orlando, FL
- 2019 – Present** **Affiliate Assistant Professor of Epidemiology**
College of Public Health
University of South Florida, Tampa, FL
- 2020 – 2021** **Director**
Health Sciences Collegiate Academy (HSCA)
Lake-Sumter State College, Clermont, FL
- Managed overall success of approximately 400-500 dual enrollment students
 - Maintained and developed relationships with internal and external stakeholders
 - Researched and responded to local workforce needs
 - Participated in strategic planning and managed a \$1 million budget
 - Supervised two full-time positions and one student worker

- 2019** **Program Analyst**
Easterseals Florida, Winter Park, FL
- Evaluated multiple programs serving individuals with disabilities: VPK, employment readiness, adult day care, life skills training
 - Created statistical reports and visual dashboards
 - Developed evaluation tools and improved existing systems
 - Participated in strategic planning initiatives
- 2017 – 2019** **Visiting Assistant Professor of Epidemiology**
Administrative Role: Concentration Lead Epidemiology MPH Program
College of Public Health
University of South Florida, Tampa, FL
- Served as faculty mentor for 30-40 fully online MPH Epidemiology students
 - Managed masters and doctoral level graduate assistants
 - Mentored MPH capstone research projects and internships
 - Approved student transfers and resolve student grievances for Epidemiology MPH program
 - Led initiatives related to course scheduling, curriculum development, and assessment
- 2017** **Adjunct Instructor of Epidemiology**
Department of Epidemiology and Biostatistics
College of Public Health
University of South Florida, Tampa, FL
- 2014 – 2017** **Online Epidemiology MPH Program Coordinator**
Department of Epidemiology and Biostatistics
College of Public Health
University of South Florida, Tampa, FL
- Advised approximately 85 fully online students
 - Developed and facilitated Canvas online learning community
 - Managed social media communication
- 2013 – 2015** **Adjunct Instructor**
College of Health and Public Affairs
University of Central Florida, Orlando, FL
- 2012 – 2013** **Epidemiology Program Manager**
Florida Department of Health in Volusia County, Daytona Beach, FL
- Responsible for the daily operations and accurate reporting of communicable diseases in the county of approximately 500,000 residents
 - Managed state and federal budgets
 - Conducted data analysis and produced reports for multiple audiences
 - Supervised three epidemiologist positions and frequently mentored interns
- 2012** **Epidemiologist**
Florida Department of Health in Volusia County, Daytona Beach, FL
- Responsible for communicable disease surveillance, reporting, and control for 1/3 of county population (total 500,000 residents)
 - Conducted data analysis and produced reports for multiple audiences
 - Delivered community and medical practitioner trainings
 - Coordinated interdisciplinary health coalitions and informatics projects

2010 - 2012 Research Associate

Department of Epidemiology and Biostatistics
College of Public Health
University of South Florida, Tampa, FL

- Worked on NIH R01 grant on comparative effectiveness research (CER)
- Conducted data analysis and wrote manuscripts
- Developed and piloted CER workshop aimed at public health practitioners

2009 - 2010 Epidemiologist

Florida Department of Health in Volusia County, Daytona Beach, FL

- Responsible for communicable disease surveillance, reporting, and control for 1/3 of county population (total 500,000 residents)
- Served as influenza epidemiologist and led county epidemiologic response to H1N1 pandemic
- Conducted data analysis and produced reports for multiple audiences
- Delivered community and medical practitioner trainings
- Coordinated interdisciplinary health coalitions
- Maintained public health preparedness pandemic response plan and organized trainings

PEER-REVIEWED PUBLICATIONS

1. Mansuri F*, **Crozier Nash M**, Bakour C, Kip KE. 2020. Adverse childhood experiences (ACEs) and headaches among children: A cross-sectional analysis. *Headache* doi:1111/head.13773.
2. **Crozier Nash M**, Kip KE, Wang W, Custer M, O'Rourke K. 2019. Post-traumatic stress disorder and hypertensive disorders of pregnancy among military women. *Paediatric and Perinatal Epidemiology* doi: 10.1111/ppe.12546.
3. **Crozier Nash M**, Kip KE, Wang W, Custer M, O'Rourke K. 2018. Deployment among active-duty military women and pregnancy-related hypertensive disorders. *Military Medicine* doi: 10.1093/milmed/usy228.
4. Salihu HM, Salemi JL, **Crozier Nash M**, Chandler, K, Mbah, A, Alio A. 2014. Assessing the economic impact of paternal involvement: A comparison of the generalized linear model versus decision analysis trees. *Maternal and Child Health Journal* 18(6), 1380-1390.
5. Salinas A, **Crozier Nash M**, Salemi JL, Mbah A, Salihu HM. 2013. Cutting edge technology for public health workforce training in comparative effectiveness research. *Health Informatics Journal*, 19(2), 101-115.
6. **Crozier Nash M**, Strom JA, Pathak EB. 2011. Prevalence of major infections and adverse outcomes among hospitalized ST elevation myocardial infarction patients in Florida, 2006. *BMC Cardiovascular Disorders*, 11(69), doi:10.1186/1471-2261-11-69.

*Denotes doctoral student author

CONFERENCE PRESENTATIONS (ORAL)

1. **Crozier Nash M** (presenter), Mansuri F*, Bakour C, Owens H*, Delva J*, Nidhi S, Wilson R. "Association between adverse childhood experiences and risky behaviors among adults living in Florida: A cross-sectional analysis of Florida BRFSS 2010." American Public Health Association, Virtual Conference, 2020.
2. Nembhard WN (presenter), Lopez S, and **Crozier Nash M**. "Do social media tools really promote and enhance student communication and connectedness in online courses?" 6th Annual International Technology, Education and Development Conference, Valencia, Spain, 2012.

3. Salinas A, Saliu HM, **Crozier Nash C** (presenter), Salemi JL. "Innovative methods for curriculum development and evaluation to enhance the public health workforce in comparative effectiveness research." International Conference of Education, Research and Innovation, Madrid, Spain, 2011.
4. Salinas A (presenter), Saliu HM, **Crozier Nash M**, Salemi JL, August, EA. "Use of cutting edge educational technology for comparative effectiveness research: Developing an infrastructure for informed health care decision-making." American Public Health Association Annual Meeting, Washington, D.C., 2011.

**Denotes doctoral student author*

CONFERENCE PRESENTATIONS (POSTER)

1. Mansuri F*, **Crozier Nash M**, Bakour C, Kip KE. "Association between adverse childhood experiences (ACEs) and headaches among children age 3-17 years using the National Survey of Children's Health, 2016." Society for Epidemiologic Research (SER), Minneapolis, MN, 2019.
2. Mansuri F*, **Crozier Nash M**, Bakour C, Kip KE. "Association between adverse childhood experiences (ACEs) and headaches among children age 3-17 years using the National Survey of Children's Health, 2016." University of South Florida Health Research Day, Tampa, FL, 2019. *Top Poster Award*
3. Saliu HM, Salemi JL, **Crozier Nash M**, Mbah A, Alio A. "Assessing the economic impact of paternal involvement: A comparison of traditional statistical models and decision analysis trees." American Public Health Association Annual Meeting, San Francisco, CA, 2012.
4. **Crozier Nash M**, Craig B, Schwartz SW. "The independent effects of short sleep and moderate alcohol intake on impaired cognition." Sleep Annual Meeting, Boston, MA, 2012.
5. **Crozier Nash M**, Pathak EB, Strom J. 2009. "Gender and racial/ethnic disparities in prevalence of infectious complications among acute myocardial infarction patients in Florida." *Circulation* 119:e271-e366. American Heart Association 2009 Joint Conference-Nutrition, Physical Activity and Metabolism and 49th Cardiovascular Disease Epidemiology and Prevention, Palm Harbor, FL, 2009.
6. **Crozier Nash M**, Pathak EB, Strom J. 2009. "Prevalence of major infections and in-hospital mortality among hospitalized acute myocardial infarction patients in Florida." *Circulation* 120:S394. American Heart Association Scientific Sessions, Orlando, FL, 2009.

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INVITED TALKS/PANELS

1. Guidance for Master's-level Epidemiologists Considering Returning to School to Pursue Doctoral Studies, Panel Discussion, **Society for Epidemiologic Research (SER) Annual Meeting**, June 2021.
2. Preparing the Future Epidemiologist, **Stetson University Alumni Engagement Series**, May 2020.

MEDIA INTERVIEWS/COVERAGE

1. Ilardi, R. (2021 May 27). Lake County harnesses population growth for strategic economic development. *The Florida High Tech Corridor*.
2. Associated Press, Wire Service Content. (2020 April 26). Differing outcomes in Florida jail, prison hit by outbreak. *U.S. News and World Reports*.

3. Fernandez, F. (2020 April 25). Coronavirus: A prison and a jail, Volusia neighbors, one hit hard by virus, the other not at all. *Daytona Beach News-Journal*.
4. Fineout G and Dixon M. (2020 March 30). Florida playbook. *Politico*.
5. Waymer, J. (2020 March 27). Coronavirus mythbusters: Falsehoods about the disease also are going viral. *Florida Today*.

TEACHING EXPERIENCE

University of Central Florida, Orlando, FL

- 2021** **Epidemiology, Analytics, and Quality Management**, Department of Global Health and Informatics, College of Community Innovation and Education
- 2021** **Epidemiology**, Department of Global Health and Informatics, College of Community Innovation and Education
- 2021** **Undergraduate HSA Internship**, Department of Global Health and Informatics, College of Community Innovation and Education
- 2013 – 2015** **Epidemiology of Chronic Disease**, Department of Health Professions, College of Health and Public Affairs

University of South Florida, Tampa, FL

- 2018 – 2020** **Introductory Epidemiology**, College of Public Health
- 2019** **Cancer Epidemiology**, College of Public Health
- 2018** **Epidemiology Methods I**, College of Public Health
- 2018** **Epidemiology Methods II**, College of Public Health

MPH Epidemiology Capstone Research Mentees

- 2019** Linet Olotch
Paul Rzucidlo
Kelsey Stolfus
Michael Wiley
- 2018** Alexander McKechnie
Daniel Rider

MPH Epidemiology Internship Mentees

- 2019** Megan Mackiewicz
Linet Olotch
Melissa Pike
Paul Rzucidlo
Kelsey Stolfus
Susan Strenk
Taylor Swankie
Michael Wiley

2018 Alexander McKechnie
Corrin Powell
Daniel Rider
Stephanie Tsang Mui Chung

PROFESSIONAL SERVICE

National

2020 – **Member, Membership Committee**
Present Society for Epidemiologic Research

2018 – **Abstract Reviewer, Annual Meeting, Epidemiology Section**
Present American Public Health Association

2018 **Book Club Discussion Leader, The Immortal Life of Henrietta Lacks**
National Board of Public Health Examiners

State/Local

2020 – **Leader, Survey Committee**
Present Creating a Resilient Community, Valencia College Peace and Justice Institute

2019 – **Member, Strategic Planning Committee**
Present Creating a Resilient Community, Valencia College Peace and Justice Institute

2020 **Surge Support COVID-19 Epidemiologist**
Florida Department of Health in Sumter County

2019 - 2020 **Member, Conference Planning Committee**
Creating a Resilient Community: From Trauma to Healing, Valencia College Peace and Justice Institute

Institutional

2020 **Member, COVID-19 Emergency Response Committee**
Lake-Sumter State College

2019 **Co-Developer, Faculty/Student Public Health Book Club**
University of South Florida, College of Public Health

2019 **Judge, USF Health Research Day**
University of South Florida, College of Public Health

2019 **Member, Education Committee**
University of South Florida, College of Public Health

2018 - 2019 **Faculty Recruiter, Epidemiology MPH Program**
University of South Florida, College of Public Health

2018 - 2019 **IRB Department Reviewer, Department of Epidemiology and Biostatistics**
University of South Florida, College of Public Health

2018 **Member, Epidemiology PhD Applicant Review Committee**

University of South Florida, College of Public Health

2018 **Temporary Member, Faculty Affairs Committee**
University of South Florida, College of Public Health

2017 **Member, Public Health Practice Program Curriculum Redesign Committee**
University of South Florida, College of Public Health

Peer-Reviewer, Scientific Journals

Health Psychology
Journal of Traumatic Stress
Public Health Reports

OTHER RELEVANT TRAINING AND PROFESSIONAL DEVELOPMENT

2019 – 2021 Creating a Resilient Community: From Trauma to Healing, Orlando, FL
2020 National Student Success Conference, Tampa, FL
2019 USF Poverty Simulation, Tampa, FL, 2019
2019 Oxfam Hunger Simulation, Tampa, FL
2018 – 2019 Bay-to-Bay Learning Symposium, St. Petersburg, FL
2018 Independent Applying the Quality Matters Rubric, Tampa, FL
2018 Academy for Teaching and Learning Excellence Symposium, Tampa, FL
2018 OLC Innovate, Nashville, TN
2017 The Teaching Professor Conference, St. Louis, MO
2013 Skills for Supervising, Daytona State College, Daytona Beach, FL
2010 Epidemiology in Action, CDC and Emory University, Orlando, FL

HONORS AND AWARDS

1. Sigma Xi, Scientific Research Honors Society, 2019
2. Delta Omega, Public Health Honors Society, 2009

SOFTWARE PROFICIENCIES

Analytical

SAS
Qualtrics
Survey Monkey

Instructional

Articulate Storyline
Camtasia
Canvas LMS
Ellucian Banner
BI Solutions