

*Shandey Malcolm, PhD, MPH*

**Shandey D. Malcolm, Ph.D., MPH**

**WORK ADDRESS**

Department of Public Health  
Matthews Hall  
812 W. State Street  
West Lafayette, IN 47907

**HIGHER EDUCATION**

- 2012                      Ph.D., Epidemiology  
University of Miami, Miller School of Medicine: Miami, Fl.  
Dissertation Title: *Understanding Casual Sex in Emerging Adulthood: The Role of Mother-Adolescent Attachments, Relationship Expectations and Sexually Transmitted Infections.*
- 2008                      MPH, Dual concentration in Epidemiology and Biostatistics,  
University of South Florida: Tampa, Fl.  
Research Project: *Evaluation of methicillin-resistant Staphylococcus aureus among school-age children in Florida Outpatient Settings.*
- 2004                      B.S., Biology (Chemistry minor),  
University of Miami: Miami, Fl.
- 2001                      A.S., Mathematics and Chemistry  
Barbados Community College, St. Michael, Barbados

**PROFESSIONAL EXPERIENCE**

- 2022 – Present                      Assistant Professor  
Department of Public Health  
College of Health and Human Services  
Purdue University  
West Lafayette, IN
- 2019 – 2022                      National Epidemiologist  
National Epidemiology and Research Unit, Ministry of Health and  
Human Services, Turks and Caicos Islands
- 2019                      Adjunct Lecturer (NUR2219: Epidemiology)  
Turks and Caicos Islands Community College, Turks and Caicos  
Islands

*Shandey Malcolm, PhD, MPH*

2013 – 2019	Deputy National Epidemiologist National Epidemiology and Research Unit, Ministry of Health and Human Services, Turks and Caicos Islands
2013 – 2016	Adjunct Lecturer (MTH1110 – MTH1120: Fundamentals of Mathematics) Turks and Caicos Islands Community College, Turks and Caicos Islands
2012 – 2013	Epidemiologist National Epidemiology and Research Unit, Ministry of Health and Human Services, Turks and Caicos Islands
2009 – 2012	Graduate Research Assistant Centre for Family Studies, University of Miami, Miller School of Medicine, Miami, FL.
2009	Teaching Assistant (EPH 600: Fundamentals of Epidemiology) University of Miami, Miller School of Medicine, Miami, FL.
2007 – 2008	Epidemiology Intern Florida Department of Health, Tampa, Fl.
2004 – 2006	Laboratory Technician Grand Turk, Turks and Caicos Islands.

## **PROFESSIONAL DEVELOPMENT**

- XXV Meeting of the Technical Advisory Group (TAG) on Vaccine-preventable Diseases and "Building the New Vision and Global Strategy for Immunization, Post 2020" Workshop. The Pan American Health Organization, Cartagena, Colombia, July 9 – 12, 2019.
- Regional consultation meeting on strengthening analytical capacities and information systems for health to monitor SDGs and UHC. The Pan American Health Organization, Bogotá, Colombia, March 6 – 8, 2019.
- Measles Outbreak Response and Immunization Programme Management Training Workshops. Pan American Health Organization, Montego Bay, St. James, Jamaica, October 1 – 9, 2018.

- Health Information Management and Systems Society 2016 Conference & Exhibition. The Healthcare Information and Management Systems Society, Las Vegas, Nevada, USA, February 29 – March 4, 2016.
- Systematic Review Author Training Workshop. The Caribbean Public Health Agency in collaboration with Cochrane Caribbean, Trinidad and Tobago, September 9 – 11, 2015.
- Data Analysis using Epi Info 7 Training Workshop. The Caribbean Public Health Agency, Grenada, June 22 – 24, 2015.
- Regional foodborne diseases surveillance and food safety workshop. The Caribbean Public Health Agency, Trinidad & Tobago, May 13 – 15, 2015.
- Chikungunya in the Caribbean: Meeting Today's Challenge and Preparing for the Future. The Caribbean Public Health Agency, Trinidad & Tobago, March 3 – 5, 2015.
- Workshop on Combatting Antimicrobial Resistance in the Caribbean. The Caribbean Public Health Agency, Trinidad and Tobago, December 9 – 10, 2014.
- Cancer Surveillance in the Caribbean. The Caribbean Public Health Agency, Oranjestad, Aruba, April 29 – 30, 2014.
- Workshop for the Development of the HIV Epi Profile. The Pan American Health Organization, Trinidad & Tobago, Nov 20 – 22, 2013.
- Scientific Writing for Peer Reviewed Publications for Public Health Professionals. American Public Health Association, Boston, MA, November 2 – 3, 2013.
- Fifth Collaborative Arrangement for the Prevention and Management of public health events in Civil Aviation. International Civil Aviation Organization, Barbados, September 2 – 6, 2013.
- Data Analysis using STATA Workshop. Caribbean Public Health Agency, Barbados, May 1 – 2, 2013.

## **ACTIVITIES AND AWARDS**

2015	Travel Award: Systematic Review Author Training Workshop, Trinidad and Tobago Caribbean Public Health Agency (CARPHA)
2013	Professor David Picou Young Investigator of the Year Award CARPHA

2011 – 2012	Public Health Student Association (Ph.D. Senator)
2008	Delta Omega: Honorary Society in Public Health, Tau chapter
2008	Member of the Charter Class of Certified In Public Health Examinees
2007	Phi Kappa Phi Honour Society
2006 – 2008	Caribbean and Latin American Scholarship University of South Florida.
2001 – 2004	Henry King Stafford Scholarship University of Miami.
1999 – 2004	National Caribbean Examination Council Scholarship 2 <sup>nd</sup> place Ministry of Education, Turks and Caicos Islands.

#### **PROFESSIONAL/COMMUNITY SERVICE**

- Member of the Ministry of Health and Human Services Executive Board
- Member of the Turks and Caicos Islands Health Research Ethics Committee
- Member of the Public and Environmental Health Board
- Member of the Tobacco Control Board

#### **PEER REVIEWED PUBLICATIONS**

Maitland, T. E., **Malcolm, S.**, & Handfield, S. (2015). Nutritional knowledge and practices, lifestyle characteristics and anthropometric status of Turks and Caicos Islands Elementary School Children. *West Indian Medical Journal*, 64(1), 29-36.

Prado, G., Huang, S., Cordova, D., **Malcolm, S.**, Cano N. & Maldonado-Molina, M. (2013). Ecodevelopmental X Interpersonal Moderators of a Family Based Preventive Intervention for Hispanic Youth. *Prevention Science*, 14, 290-299.

**Malcolm S.**, Huang, S., Cordova, D., Freitas, D., Arzon, M., Pantin, H. & Prado, G. (2013). Predicting Condom Use Attitudes, Norms, and Control Beliefs in Hispanic Problem Behaviour Youth: The effects of Family Functioning and Parent -Adolescent Communication about Sex on Condom Use. *Health Education and Behaviour*, 40, 384-391.

Prado, G., Pantin, H., Huang, S., Cordova, D., Tapia, M., Velazquez, M., Calfee, M., **Malcolm, S.**, Arzon, M., Villamar, J. & Ramirez, G. (2012). Effects of a family intervention in reducing HIV risk behaviours among high risk Hispanic adolescents: A randomized trial. *Archives of Paediatric and Adolescent Medicine*, 166(2), 127-133.

Cordova, D., Huang, S., Arzon, M., Freitas, D., **Malcolm, S.** & Prado, G. (2011). The role of attitudes, family, peer and school in alcohol use, rule breaking and aggressive behaviours in Hispanic delinquent adolescents. *The Open Family Studies Journal*, 4, (Suppl 1-M4), 38 – 45.

Huang, S., Trapido, E., Fleming, L., Arheart, K., Crandell, L., French, M., **Malcolm, S.** & Prado, G. (2010). The long term effects of childhood maltreatment experiences on subsequent illicit drug use and drug related problems in young adulthood. *Addictive Behaviours*, 36 (1-2), 95 – 102.

## BOOK CHAPTERS

Cordova, D., Estrada, Y., **Malcolm, S.**, Huang, S., Pantin, H., Brown, H., & Prado, G. (2013). In Z. Sloboda & H. Petras (Eds.), *Prevention Science: An Epidemiological Approach*. New York: Springer.

## CONFERENCE PRESENTATIONS

Harvey, S., Chin, D., Malcolm, K., Smith, K. & **Malcolm, S.** (2021). The face of hypertension and diabetes in the Turks and Caicos Islands: a look at the socio-demographic characteristics of hospital outpatients. Oral presentation at the CARPHA Health and Research Council 63<sup>rd</sup> Annual Meeting, Virtual.

**Malcolm, S.** (2018). How and for whom do parental relationships predict problem behaviours among English Speaking Caribbean youth: a look at gender differences and the role of depressive symptoms. Oral presentation at the CARPHA Health and Research Council 63<sup>rd</sup> Annual Meeting, St. Kitts.

**Malcolm, S.** & Henry, H. (2016). HIV Testing Behaviours in a Turks and Caicos Islands Sample. Oral presentation at the CARPHA Health and Research Council 61<sup>st</sup> Annual Meeting, Turks and Caicos Islands.

**Malcolm, S.**, Robinson, A. & Henry, H. (2015). Expressed and Unexpressed Factors related to condom use in the Turks and Caicos Islands. Oral presentation at the CARPHA Health and Research Council 60<sup>th</sup> Annual Meeting, Grenada.

McCartney, I. S., Maitland, T., **Malcolm, S.**, Malcolm, K., Smith, K., Henry, C., Kalyn, B., & Ramdath, D. D. (2015). Health Perceptions, Behaviours and Overweight/obesity Status of Turks

and Caicos Elementary School Children: A Collaborative Model to Address Nutrition and Healthy Lifestyles in the TCI School Curriculum. Oral presentation at the 60th Annual CARPHA Health Research Conference, Grenada.

Robinson, A., **Malcolm, S.**, Henry, H. (2015). Self-Reported HIV discrimination and willingness to disclose HIV seropositivity Among a sample of Turks and Caicos Islanders. Oral Presentation at the Caribbean Cytometry and Analytical Society Annual Meeting, St. Kitts.

Maitland, T. E., **Malcolm, S.**, Handfield, S. & Malcolm, K. (2014). Improving trend in Anaemia status of Turks and Caicos (TCI) elementary school children across the decades. Oral presentation at the 59<sup>th</sup> Annual CARPHA Health Research Conference, Aruba.

Maitland, T. E., **Malcolm, S.**, Handfield, S. & Malcolm, K. (2014). Trends in obesity and other Cardiovascular Disease risk factors among elementary school children in the Turks and Caicos Islands (2008 – 2013). Oral presentation at the 59th CARPHA Health Research Conference, Aruba.

**Malcolm, S.**, Schwartz, S., Feaster, D., Prado, G. & Montgomery, M. (2013). Understanding the Parental Predictors and STI Consequences of Casual Sex in Emerging Adulthood. Oral presentation at the American Public Health Association 141<sup>st</sup>Annual Meeting, Boston, MA.

**Malcolm, S.**, Handfield, S. & Maitland, T.E. (2013). Nutritional Status, Knowledge, Practices and Lifestyle Characteristics among Turks and Caicos Elementary School Children. Oral presentation at the Caribbean Health and Research Council 58<sup>th</sup>Annual Meeting, Barbados.

Handfield, S., **Malcolm, S.**, & Maitland, T.E. (2013). Norovirus Outbreak: An Emerging Public Health Threat in the Caribbean with Implications for Small Tourist Dependent Economies such as the Turks and Caicos Islands. Oral presentation at the Caribbean Health and Research Council 58<sup>th</sup>Annual Meeting, Barbados.

Tarver, W., **Malcolm, S.**, & Sodeke, S. (2012). Community Consultation in Cancer Health Disparities Research: A Systematic Review of Ethical Outcomes. Poster Presented at the First Bioethics Conference on Cancer Health Disparities Research, Tuskegee, Alabama.

Cordova, D., Huang, S., Arzon, M., Freitas, D., **Malcolm, S.**, & Prado, G. (2011). The role of attitudes, family, peer and school on alcohol use, rule breaking and aggressive behaviour in Hispanic delinquent adolescents. Invited paper presented at the annual conference of the National Hispanic Science Network on Drug Abuse, Miami, Florida.

**Malcolm S.**, Huang, S., Cordova, D., Freitas, D., Arzon, M., & Prado, G. (2011). Family Processes and their effect on social cognitive processes to promote condom use behaviours in Hispanic

Delinquent youth. Poster presented at the Society for Prevention Research, Washington, D.C.

Cordova D., Tapia, M., Velazquez, M., Huang, S., Calfee, M., Ramirez, G., Arzon, M., Cano, N., Villamar, J., **Malcolm, S.**, Estrada, Y., Pantin, H. & Prado, G. (2011). Efficacy of Familias Unidas in reducing HIV Risk Behaviours in High Risk Hispanic Adolescents: A randomized trial. Poster presented at the Society for Prevention Research, Washington, D.C.

Cordova D., Tapia, M., Velazquez, M., Huang, S., Calfee, M., Ramirez, G., Arzon, M., Cano, N., Villamar, J., **Malcolm, S.**, Estrada, Y., Pantin, H. & Prado, G. (2011). The effects of a drug prevention intervention for Hispanic youth: Does it differ by nativity status and levels of acculturation. Poster presented at the Society for Prevention Research, Washington, D.C.

Maitland, T.E., Ramsay C., **Malcolm, S.**, Handfield, S., Parker, T., Nash, K., & Ewing, R. (2010). Cardiovascular disease Risk factor trends among TCI youth. Oral Presentation at the Caribbean Health and Research Council, Trinidad.

Maitland, T.E., Ramsay C., **Malcolm, S.**, Handfield, S., Parker, T., Nash, K., & Ewing, R. (2010). Cardiovascular disease Risk factor trends among TCI youth. Oral Presentation at the Caribbean Health and Research Council, Trinidad.

Maitland, T.E., Ramsay C., **Malcolm, S.**, Parker, T., Nash, K., & Ewing, R. (2009). Anemia in Turks and Caicos Islands School Children: Then (1974) versus now (2008). Oral Presentation at the Caribbean Health and Research Council, St. Lucia.

Maitland, T.E., Ramsay C., **Malcolm, S.**, Parker, T., Nash, K., & Ewing, R. (2009). Risk factors for cardiovascular disease among TCI youth. Oral Presentation at the Caribbean Health and Research Council, St. Lucia.

Sanderson, R., Kolar, S., & **Malcolm, S.** (2008). Laboratory Analysis of *Staphylococcus aureus* in Florida with an Emphasis on Methicillin Resistance: 2003-2006. Poster presented at the Counsel of State and Territorial Epidemiologists, Denver.

Kolar, S., Sanchez-Anguiano, A., **Malcolm, S.** & Sanderson, R. (2008). Laboratory analysis of *Staphylococcus aureus* in Florida: January 1, 2003 to December 31, 2005 with an Emphasis on Methicillin Resistance. Poster presented at the Emerging Infectious Disease, Atlanta, GA.

## **WORKSHOP PRESENTATIONS**

**Malcolm, S.** Communicable disease surveillance system in Turks and Caicos Islands. Post-disaster surveillance workshop, Turks and Caicos Islands, 22-24 January 2019.

**Malcolm, S.** Measles Epidemiological Update – A regional perspective. Measles Outbreak Response Workshop. Providenciales, Turks and Caicos, September 23<sup>rd</sup>, 2019.

**Malcolm, S.** Outbreak Response: Surveillance and Reporting of Vector Borne Disease. Zika Preparedness and response workshop, Grand Turk and Providenciales, Turks and Caicos Islands, February, 24 – 25, 2016.

**Malcolm, S.** NCDs & the Turks and Caicos Islands: A Local Context. Non-Communicable Diseases in the Turks & Caicos: A Collaborative Response Workshop. Providenciales, Turks and Caicos Islands, February 18, 2015.

**Malcolm, S.** Proposed Mechanism of Hotel Based Surveillance. Hotel based Training Workshop for Improving Health and Sustainable Tourism in TCI: A collaboration between the Ministries of Health, Tourism, TCI Hotel Association, Tourist Board and CARPHA. Providenciales, Turks and Caicos Islands, January 21 – 22, 2015.

**Malcolm, S.** Epidemiology of Ebola. Preparedness and Response Training for Ebola Management for Health Care Workers Workshop. Grand Turk & Providenciales, Turks and Caicos Islands, October 30 – 31, 2014.

**Malcolm, S.** Epidemiology of Chikungunya. Turks and Caicos Islands Hospital Continuing Medical Education Program, Grand Turk, Turks and Caicos Islands, February, 20, 2014.

**Malcolm, S.** Surveillance & Outbreak Response for Chikungunya. Preparedness and Response to Chikungunya in Turks and Caicos Workshop, Providenciales, Turks and Caicos, February, 11, 2014.

**Malcolm, S.** Investigating Diarrhoeal Diseases: The Turks & Caicos Islands Experience. Clinical Management of Cholera Workshop, Providenciales, Turks and Caicos, March, 18, 2013.

**Malcolm, S.** Anemia in Turks and Caicos Islands School Children: Then (1974) versus now (2008). Translating Local Research Knowledge into Action to Build Healthy Communities in the Turks & Caicos Islands (TCI) Dissemination Workshop, Providenciales, Turks and Caicos Islands, August, 14, 2012.