

FACULTY PROFILE

Darline K. El-Reda, MPH, Dr.PH



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Professional Summary

Darline K. El Reda, MPH, Dr.PH, is an Assistant Professor, Public Health Practice at the School of Public Health at Kuwait University. Her current activities involve curriculum development for the newly founded Faculty of Public Health. Her current research activities are focused in following areas: use of survey data in predictive modeling for wellness programs, weight gain over lifespan, and chronic disease epidemiology.

Dr. El Reda has over 15 years of experience in public health practice across a variety of settings, such as city, county, state, federal, and private sector in the United States. Most recently, she has been focused on the application of epidemiologic and statistical principles in the assessment of primary care practice delivery for 4.5 million insured patients in Michigan using health insurance claims data. In addition, Dr. El Reda has been an Adjunct Assistant Professor with Michigan State University's College of Human Medicine teaching graduate courses in epidemiology, biostatistics, and health informatics since 2012. Dr. El Reda is an alumni of the Centers for Disease Control and Prevention's Epidemic Intelligence Service and has published on the topics of maternal and child health, primary care practice transformation, disease prevention programs, and infectious disease outbreaks.

Education and Training

- Epidemic Intelligence Service Fellow, Epidemic Intelligence Service, Centers for Disease Control and Prevention, 2003-2005
- Dr.PH, Community Health Education, University of Texas Houston, Health Science Center, 2002
- M.P.H., Community Health Education, California State University, 1998
- B.S., Syracuse University, New York, 1996

Research Interests and Projects

Dr. El Reda's research interests are in the optimization of primary health care delivery, maternal and child health, chronic disease epidemiology, infectious diseases outbreak investigations, and disparities in health outcomes.

Selected Publications

El Reda, D, Strom O, Sandin S, Oh JK, Adami HO, Lof M, Weiderpass E. Determinants of long-term weight change among middle-aged Swedish women. *Obesity (Silver Spring)*. 2017 Jan 7. doi: 10.1002/oby.21745. PMID: 28063229.

Alexander, JA, Markovitz, A, Paustian, M, Wise, C, El Reda, D., Green, L, Fetters, M. Implementation of Patient-Centered Medical Homes in Adult Primary Care Practices. *Medical Care Research and Review* 2015, Vol. 72(4) 438–467.

Tao, M., Rangarajan, K, Paustian, M., Wasilevich, E., El Reda, D. Dialing In: Effect of telephonic wellness coaching on weight loss. *American Journal of Managed Care*. 2014; 20(2): e35-e42.

Markovitz A., Song J.Y., Paustian M., El Reda D. Association between Maternal Preventive Care Utilization and Adolescent HPV Vaccination: It's Not Just About Pap Testing. *Journal of Pediatric and Adolescent Gynecology*. 2014 Feb; 27(1):29-36. doi: 10.1016/j.jpag.2013.08.012. Epub 2013 Dec 4.

A. Annis Emeott, RN, MPH, A. Markovitz, MPH, M. H. Mason, MHSA, L. Rajt, MSW, D. A. Share, MD, MPH, M. Paustian, PhD, and D. El Reda, Dr.PH, MPH. Four-Year Evolution of a Large, Statewide Patient-Centered Medical Home Designation Program in Michigan. *Med Care*. 2013; 51(9): 846-853.

Paustian, M. L., Alexander, J. A., El Reda D., Wise C., Green L., Fetters, M. Partial and Incremental PCMH Practice Transformation: Implications for Quality and Costs. *Health Serv Res*. 2013. DOI: 10.1111/1475-6773.12085.

Alexander, J. A., Paustian, M. L., Wise C., Green L., Fetters, M. Mason M. H., El Reda D. Assessment and Measurement of Patient-Centered Medical Home Implementation: The BCBSM Experience. *Ann Fam Med*. 2013; 11 Suppl 1: S74-81.

Kidney Disease Mortality---Michigan, 1989-2005. *Morbidity and Mortality Weekly Report*, 2007, 56 (10): 225-227. (Lead Author, EIS Officer)

El Reda, D., Grigorescu, V., Posner, S, and Davis-Harrier, A. Lower Rates of Preterm Birth among Women of Arab Ancestry: An Epidemiologic Paradox- Michigan, 1993-2002. *Maternal and Child Health*, 2007, Volume 11, Number 6: 622-627.

El Reda, D., Grigorescu, V., Jarrett, A. Impact of the Early Hearing Detection and Intervention Program on the Detection of Hearing Loss at Birth—Michigan, 1998-2002. *Journal of Educational Audiology*, 2005, (12): 78-83. CINAHL (Cumulative Index to Nursing and Allied Health Literature).

Grigorescu, V., Paustian, M., Copeland, G., El Reda, D., and G. Baker. Contribution of Preterm Births to the Population of Michigan's Children Special Health Care Services Program. *Journal of Registry Management*, 2005, (32:3): 132-136.

Outbreak of Cyclosporiasis Associated with Snow Peas --- Pennsylvania, 2004. *Morbidity and Mortality Weekly Report*, 2004, 53 (37): 876-878. (Co-author, EIS Officer)

Outbreak of Varicella among Vaccinated Children – Michigan, 2003. *Morbidity and Mortality Weekly Report*, 2004, 53 (18): 389-392. (Lead Author, EIS Officer)

Professional Affiliations

- Adjunct Faculty—Michigan State University, College of Human Medicine (2012-present)
- Reviewer— *Maternal and Child Health Journal* (2006-present)
- Member—Epidemic Intelligence Service Alumni (2005- present)