

### Dr. M. Aaron Sayegh: Biography

Currently, Dr. Sayegh is a Clinical Assistant Professor in the Department of Epidemiology and Biostatistics at the IU SPH-Bloomington, preparing and teaching courses in ID & Social Epidemiology, Research and Biostatistics, serving as a Field Coordinator for Field Practicums, and as a Faculty Coordinator for the MPH Culminating Experience. Dr. Sayegh is engaged in a number of service projects, collaborative research with a number of faculty members and scientists across IU. Dr. Sayegh has strong methodological skills, a successful track record of conducting translational researches, a growing number of publications, a long history of community engagement and service contributions to home agencies, academic institutions, and professional associations and proven teaching/mentorship skills and a number of educational initiatives and research projects and activities, already underway since his arrival to the EBIO in August 2013. These projects include: 1) the development of a training program in Applied Translational Research at the Institute for Research on Addictive Behavior (IRAB); 2) medical literacy among a population of female patients seeking health services from an inner city STI clinic 3) a feasibility study of bio-specimen collection in school settings; 4) a study of state population size and public policy agendas; and 5) the preparation and submission of a variety of grant applications that involve Mixed Methods and Multi-disciplinary approaches.

His training and practice in Health Science includes research and development related to clinical trials, microbiological and field epidemiological investigations, large-scale population studies, surveillance, program evaluation and instructional design. Dr. Sayegh is experienced in a number of analytic methods and statistical procedures: basic univariate reporting; Geographic Information Systems (GIS); Structural Equation Modeling (SEM); Hierarchical Linear Modeling (HLM); Item Response Theory (IRT) and Systems Dynamic Modeling. I am versed in a variety of qualitative analytical techniques and approaches: Thematic; Content Analyses; and, Naturalistic Inquiry. Bench science experience includes biomedical research related to virology/bacteriology and laboratory skills related to the diagnostic testing of pathogens. In addition, he has extensive experience with the preparation and submission of grants that includes prospecting activities, writing, the development of protocols, methods, analysis, review, and any IRB related issues.

Up to this point, Dr. Sayegh's professional experience as a health scientist is state/municipal government with adjunct academic positions and service as preceptor/mentor. His managerial oversight includes HIV Core and Incidence Surveillance, Enhanced Perinatal Surveillance, STD surveillance, and supplemental projects such as the National HIV Behavioral Surveillance (NHBS), the Medical Monitoring Project (MMP), and Geographic Information Systems (GIS) for HIV data and the Test Link to Care (TLC) project funded by the HIV Prevention Trials Network. Throughout his career mentorship and pedagogy continue to be the key to my engagement in any position he may occupy. Dr. Sayegh's commitment to developing future Public Health professionals and clinicians/junior scientists with a good understanding of epidemiological investigations, analytic skills and a thorough knowledge of medical/bioinformatics remains firm.

Prior to his current appointment, Dr. Sayegh taught epidemiology and biostatistics courses as a Clinical Research Professor for the School of Rural Public Health at the Health Science Center of Texas A&M University. During this time, he also served as the Interim Director of the Texas Center for Health Statistics (CHS). In this capacity, he directed the analytics and informatics for death, birth, divorce, marriage, abortion, hospital discharge (i.e. THIC, MONAHRQ), behavioral epidemiology surveillance

and healthcare workforce data for Texas. Dr. Sayegh has adopted a “science to service” approach to public health. Specifically, analysis and interpretation of state and national data identify trends and problem areas. Subsequently, by researching and promulgating best practices and evidence-based interventions, these gaps can be addressed. He has become well acquainted with conducting public health and clinical researches which he honed during his tenure as the Texas CHS Interim Director, the manager of the HIV Information and Projects (HIP) Group in the Texas TB/HIV/STD Program of the Texas Department of State Health Services, Director of Evaluation and Research for a private consulting firm, and senior scientist on a variety of research grants. Dr. Sayegh has always remained active in academics, instruction and mentorship. He has developed and taught a variety of Epidemiology content and Biostatistics courses as adjunct professor for the University of Texas-Austin, and the UT School of Public Health-Houston and during his fellowships and post-doctoral training at the Indiana University School of Medicine (IUSM).

Dr. Sayegh’s portfolio includes 20 scientific publications, numerous public health and grant reports, white papers, legislative briefings, and over 270 oral and poster presentations delivered at local, state, national and international scientific conferences. My most recent accolade is his induction into the Gamma Beta Chapter of Delta Omega- The National Public Health Honorary- and election as Fellow of the American College of Epidemiology. While many of his accomplishments may seem modest in comparison to more seasoned academics, they do speak to the constant engagement and contributions to Public Health, especially given that he spent the 7 years in municipal and state government.

Dr. Sayegh’s research in Infectious Disease and Reproductive Epidemiology, his focus on pediatric and adolescent populations, methodological expertise, skill in instructional design and love of teaching fit nicely with the mission and vision of IRAB, its existing research programs, curricula, and in particular, the responsibilities of his new affiliation as Director of Student Research for IRAB. Please see Dr. Sayegh’s CV for an overview of publications, presentations, awards, and grant monies received, as well as a list of references included therein. Copies of his published articles, conference presentations, teaching portfolio, letters of recommendation, and performance evaluations are available upon request.