



1) Personal Data

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2) Education and Training

- a) Saint Peter's University, Jersey City, New Jersey, USA
09/95-05/99
BS *summa cum laude*, in *cursu honorum*, Double Major: Philosophy, Biology;
Minor: French
- b) University of Medicine & Dentistry of New Jersey-Robert Wood Johnson Medical
School, Environmental and Occupational Health Sciences Institute, Piscataway,
New Jersey, USA
08/99-05/03
MPH, Concentration: Epidemiology, Thesis - Health effects of pesticide exposure
in migrant farm workers on the U.S./Mexico border
- c) Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
08/00-11/05
PhD, Concentration: International Health, Global Disease Epidemiology and
Control
Thesis - Human and animal agricultural antibiotic use and animal husbandry
practices in rural Bangladesh: risk factors for emerging antibiotic resistant
infections
- d) Epidemic Intelligence Service (EIS) Fellowship, Centers for Disease Control and
Prevention, National Center for Emerging Zoonotic and Infectious Diseases.
Atlanta, GA, USA
07/08-07/10

3) Professional Employment

- 08/19-Present George Mason University, College of Health and Human Services,
Department of Global and Community Health
Professor of Global Health and Epidemiology (with tenure) (Dec
2019 to Present)
Associate Professor of Global Health and Epidemiology
(Aug 2019 to Dec 2019)
- 09/10-08/19 George Washington University, School of Public Health and Health
Services, Department of Global Health
Secondary Appointment, Epidemiology and Biostatistics (Mar 2018
to Aug 2019)
Associate Professor (with tenure) (July 2019 to Aug 2019)
Assistant Professor (July 2012 to June 2019) (2 maternity leave
periods)
Visiting Assistant Professor (Sept 2010 to June 2012).

07/08-07/10	Centers for Disease Control and Prevention, (CDC), National Center for Zoonotic, Vector-Borne, and Enteric Disease, Division of Viral and Rickettsial Disease, Poxvirus and Rabies Branch, Atlanta, GA Epidemic Intelligence Service Officer (EIS) ¹ .
01/08-06/08	Westat, Rockville Institute, Rockville, MD Senior Epidemiologist.
10/07-12/07	Development Alternatives, Inc (DAI), Washington, D.C. Independent Consultant.
02/06-09/07	The Johns Hopkins Bloomberg School of Public Health (JHSPH), Baltimore, MD, The Pew Charitable Trusts, Pew Commission on Industrial Farm Animal Production, Washington, D.C. Science Director.
07/02-01/06	The Johns Hopkins Bloomberg School of Public Health, and Centre for Health and Population Research (International Centre for Diarrheal Diseases Research, Bangladesh-ICDDR,B), Dhaka, Bangladesh Pre-doctoral Fellow.
10/00-06/02	The Johns Hopkins Bloomberg School of Public Health, Department of International Health Data Analyst in Division of Human Nutrition. Research Assistant in Division of Behavioral Studies.
05/00-09/00	South Texas Environmental Education and Research (STEER), University of Texas Health Sciences Center - San Antonio, Laredo, TX Masters' fellow.
12/99-05/00	New Jersey Department of Health and Senior Services, Trenton,NJ Research assistant. Communicable Diseases Service Unit, Division of Epidemiology, Environmental and Occupational Health.
09/99-05/00	University of Medicine and Dentistry of New Jersey, Piscataway, NJ Research assistant. New Jersey Youth Tobacco Survey.
06/99-08/99	Central Sydney Area Health Service, Sydney, Australia Research Assistant. Needs Assessment & Health Outcomes Unit.
06/98-08/98	Medical University of South Carolina, Charleston, SC National Science Foundation Fellow.
08/97-05/99	St. Peter's College, Jersey City, NJ Research Assistant. Teaching Assistant. Microbiology and physiology courses.
08/97-05/99	Staff. Center for Advancement in Language and Learning (CALL center). English as Second Language Instruction. Science and Mathematics Tutor.

¹ Also noted under training

06/97-08/97 National Institutes of Health, Bethesda, MD
Research Intern. National Institute of Neurological Disorders and
Stroke - Synaptic Mechanisms Section.

4) **Honors and Awards**

Outstanding Achievement Award, Mason, 2021
Featured in SPU magazine, Alumni who make a difference feature, 2018
Delta Omega, Public Health Honor Society, 2014
New Investigators in Global Health Award. Global Health Council, 2006
National Institutes of Health, National Research Service Award, NICHD, 2000-2005
National Security Education Program Fellowship Award 2004
U.S. Public Health Service Grant for MPH Coursework, 2000-2001
Emily and Leon Goldstein Fellowship for MPH Fieldwork, 2000
Alpha Sigma Nu, National Jesuit Honor Society, 1999
Phi Sigma Iota, International Language Honor Society, 1998
TriBeta, National Biology Honor Society, 1998
National Science Foundation Fellowship, 1998
BS summa cum laude, in cursu honorum

5) **Grants Awarded or Pending**

(Awarded)

08/23-Present USDA: APP-23282 Understanding and predicting zoonotic disease
transmission in urban and suburban landscapes: The case of white-
tailed deer (co-Principal Investigator) (US\$3.6mil)
04/23-Present UK-BBSRC United States Partnering Award: Advancement of
(meta) genomic tools to study the transmission of *Campylobacter*
and other low abundance pathogens (co-Principal Investigator)
(UK£69,007)
04/23-Present GMU-Network Catalyst Grant sponsored by the Mason Institute for
a Sustainable Earth. "EMBRACE" Project (co-Investigator)
(\$10,000)
08/22-Present GMU-CPH internal grant. Investigating the impact of asymptomatic
Campylobacter carriage in humans on disease risk and microbiome
diversity. (Principal Investigator) (\$41,600)
08/22-Present GMU-OREI-Building the Foundation for Junior Faculty. Quantifying
the potential for SARS-CoV-2 transmission between humans and
wildlife in urban and suburban landscapes. (Mentor, senior
personnel) (\$49,979)
08/21-Present National Science Foundation. Division of Social and Economic
Sciences. Assessing the Arithmetic of Early Modern London's Bills
of Mortality (Advisor) (\$443,425)
06/21-Present R21AI159939 National Institutes of Health/National Institute of
Allergy and Infectious Diseases. Breastfeeding and COVID-19
disease: SARS-CoV-2 antibodies in breast milk and disease
progression in the first six months of life (MPI/co-Principal
Investigator, 10%) (\$273,071) (1 year NCE ends 6-1-2024)
05/21-Present National Science Foundation. Ecology and Evolution of Infectious
Disease. Data-Driven Modeling to Improve Understanding of
Human Behavior, Mobility, and Disease Spread (co-Principal
Investigator, 19%) (\$2,487,000)
03/21-Present GMU-CPH internal grant. COVID-19 among pregnant women and
newborns (Principal Investigator) (\$50,000)

- 12/20-Present GMU-CPH internal grant. The effect of toxins on COVID-19 infection and disease severity among pregnant women (co-Investigator) (\$50,000)
- 10/18-Present National Science Foundation. Ecology and Evolution of Infectious Disease. MERS-Coronavirus transmission in Ethiopia (Principal Investigator, 19%) (\$2,487,000)

6) **Grants Concluded**

- 03/21-12/22 GMU-CPH internal grant. COVID-19 among pregnant women and newborns (Principal Investigator) (\$50,000)
- 11/18-03/22 Bill and Melinda Gates Foundation. *Campylobacter* transmission in Bangladesh (Principal Investigator, 15%) (\$1,245,000)
- 11/20-10/21 GMU-CPH internal grant. Contact tracing for COVID-19 enhanced technology (co-Investigator) (\$50,000)
- 05/20-12/21 GMU-CPH internal grant. COVID-19 among young adults (Principal Investigator) (\$50,000)
- 09/20-09/21 National Institutes of Health. COVID-19 versus Flu Probability Calculator (Mason Principal Investigator, 18%) (\$500,000)
- 03/21-08/21 GMU-University level. OSCAR Summer Training Workshop COVID-19 and mobility (co-Investigator) (\$20,000)
- 08/20-08/21 VA Department of Housing. COVID-19 among health care workers (Principal Investigator) (\$100,000)
- 10/20-03/21 U.S. AHRQ ECHO Support for COVID-19 education for long term care facility workers (Senior Personnel, 8%) (\$200,000)
- 02/18-08/19 GW-Redstone Center. Small Pilots Programs. Development of the microbiome in the first year of life (Principal Investigator) (\$45,000)
- 6/19 U.S. National Institute of Standards and Technology. Assessing cause-specific mortality following a natural disaster (Hurricane Maria in Puerto Rico). (co-Investigator, 25%) (\$500,000)
- 06/18-05/19 GW-Cross-disciplinary Research Fund. Building GW leadership and capacity to respond to disasters. (co-Investigator, 10%) (\$50,000)
- 06/18-05/19 GW-Cross-disciplinary Research Fund. Geography and emerging zoonotic disease. (Principal Investigator, 10%) (\$70,000)
- 05/18-04/19 GW-University Facilitating Fund. Economic, social, and environmental contexts for disease emergence (co-Investigator, 10%) (\$20,000)
- 06/17-05/19 GW-Cross-disciplinary Research Fund. Ethiopia electricity project (co-Principal Investigator, 10%) (\$75,000)
- 03/18-09/19 Government of Puerto Rico. Assessing excess mortality following a natural disaster. (Epidemiologist, 15%) (\$303,000)
- 02/16-03/18 GW-Redstone Center. Small Pilots Programs (Principal Investigator, 10%) (\$35,000)
- 02/13-02/17 NIH/National Institute of Drug Abuse. R21 Grant Proposal Titled "Epidemiology of drug use, HIV/AIDS and high risk behaviors in Egypt." (5R21DA033888-02) (Principal Investigator, 25%) (\$292,564)
- 02/15-01/16 National Science Foundation. RAPID: Cultural Dimensions of Ebola Virus Transmission in Guinea, West Africa (1523273) (Principal Investigator, 2%) (\$99,964)
- 01/13-12/14 U.S./Egypt Joint Board/USDA Research and Technology Development to Prevent and Reduce Infection-Related Neonatal and Infant Mortality in Egypt. (co-Principal Investigator, 10%) (\$50,000)

12/12-12/14	Biosecurity Engagement Program. U.S. Department of State. Training of veterinarians, wildlife specialists, and laboratory scientists to conduct epidemiological studies of zoonotic disease in Egypt. (Principal Investigator, 25%) (\$208,426)
07/11-12/12	GW-Medical Center Facilitating Fund Grants Program. Epidemiological study: analysis of all-cause and cause-specific mortality patterns among racial and ethnic groups in the United States. (co-Investigator) (\$25,000)
04/09-06/10	Biosecurity Engagement Program. U.S. Department of State. Funding for the development and delivery of an epidemiology and zoonotic disease course for veterinarians, Egypt. (Principal Investigator, 10%) (\$125,000)
01/04-12/05	Bill & Melinda Gates Foundation Small Grants Recipient. Save the Children, Saving Newborn Lives Initiative. Neonatal and Animal Antibiotic Use in Rural Bangladesh. (Principal Investigator) (\$27,000)
01/01-12/05	National Institutes of Health Predoctoral Fellowship, Ruth L. Kirschstein National Research Service Award, National Institutes of Child Health and Human Development. 3F31HD041348-04S1 (Principal Investigator, 100%) (\$125,000)
08/03-12/05	Johns Hopkins University Innovation Grant. Antimicrobial Resistance in Farm Animals in Rural Bangladesh and the Impact on Human Carriage of Resistant Bacteria. (Principal Investigator) (\$25,000)
08/02-09/03	Johns Hopkins University Innovation Grant. Researching Household and Environmental Antibiotic Use and Human Pathogen Resistance in Developing Countries: The Case of Rural Bangladesh. (Principal Investigator) (\$25,000)
01/01-05/01	Community Service Grant, Alumni Association, Johns Hopkins University. Pilot ESL Program for Refugees in Baltimore, MD.
01/99-05-99	Research Grant from National Biology Honor Society. Parasitology research.

7) Publications

a) Articles in Refereed Journals

<https://www.ncbi.nlm.nih.gov/pubmed/?term=roess+A>

1. Karpov, M. V., Bartholmae, M. M., Levy, B. L., **Roess, A. A.**, Renshaw, K. D., Sill, J. M., & Dodani, S. (2023). Exploring the influence of behavioral factors on depression and anxiety scores during the COVID-19 pandemic: insights from the Virginia statewide COVIDsmart longitudinal study. *BMC public health*, 23(1), 1-13.
2. **Roess, A. A.**, Henderson, L. F., Adams, L. M., & Renshaw, K. D. (2023). Predictors of firearm purchasing during the coronavirus pandemic in the United States: a cross-sectional study. *Public health*, 219, 159-164.
3. **Roess, A. A.**, Hosh, F. M., Morton, L. C., Bestul, N., *Davis, J., & Carruth, L. (2023). Associations between unpasteurized camel and other milk consumption, livestock ownership, and self-reported febrile and gastrointestinal symptoms among semi-pastoralists and pastoralists in the Somali Region of Ethiopia. *Epidemiology & Infection*, 1-12.
4. ¹Cevasco, K. E., & **Roess, A. A.** (2023). Adaptation and Utilization of a Postmarket Evaluation Model for Digital Contact Tracing Mobile Health Tools in the United States: Observational Cross-sectional Study. *JMIR Public Health and Surveillance*, 9, e38633.

5. ¹Galan, D. I., Schneider, M. C., & **Roess, A. A.** (2023). Leptospirosis Risk among Occupational Groups in Brazil, 2010–2015. *The American Journal of Tropical Medicine and Hygiene*, 109(2), 376.
6. Bartholmae, M. M., **Roess, A. A.**, Renshaw, K. D., Levy, B. L., Karpov, M. V., Sill, J. M., & Dodani, S. Evaluation of Recruitment Strategies on Inclusiveness of Populations at Risk for Health Disparities in the Statewide Remote Online COVIDsmart Registry. *Virginia Journal of Public Health*, 7(1), 5.
7. ¹Wojtusiak, J., Bagais, W., Vang, J., **Roess, A.**, & Alemi, F. (2023). Order of Occurrence of COVID-19 Symptoms. *Quality Management in Health Care*, 32(1), S29-S34.
8. ¹Alemi, F., Guralnik, E., Vang, J., Wojtusiak, J., Peterson, R., **Roess, A.**, & Jain, P. (2023). Guidelines for Triage of COVID-19 Patients Presenting With Multisystemic Symptoms. *Quality Management in Health Care*, 32(1), S3-S10.
9. ¹Alemi, F., Vang, J., Wejdan, H., Guralnik, E., Wojtusiak, J., Moeller, G., Schilling, J., Peterson, R., **Roess, A.**, & Jain, P. Combined symptom screening and at-home tests for COVID-19. *Quality Management in Health Care* 32, no. 1 (2023): S11-S20.
10. ¹Wojtusiak, J., Bagais, W., Vang, J., Guralnik, E., **Roess, A.**, & Alemi, F. (2023). The role of symptom clusters in triage of COVID-19 patients. *Quality Management in Health Care*, 32(1), S21-S28.
11. Schilling, J., Klein, D., Bartholmae, M. M., Shokouhi, S., Toepp, A. J., **Roess, A. A.**, ... & Jain, P. (2023). A Digital Health Initiative (COVIDsmart) for Remote Data Collection and Study of COVID-19's Impact on the State of Virginia: Prospective Cohort Study. *JMIR Formative Research*, 7(1), e37550.
12. ¹**Roess, A. A.**, Robert, R. C., Kuehn, D., Ume, N., Ericson, B., Woody, E., ... & Thompson, P. (2022). Disparities in Breastfeeding Initiation Among African American and Black Immigrant WIC Recipients in the District of Columbia, 2007–2019. *American Journal of Public Health*, 112(4), 671-674.
13. ¹Alemi, F., Vang, J., Wojtusiak, J., Guralnik, E., Peterson, R., **Roess, A.**, & Jain, P. (2022). Differential diagnosis of COVID-19 and influenza. *PLOS Global Public Health*, 2(7), e0000221.
14. Le, M. T., Attaway, D., Anderson, T., Kavak, H., **Roess, A.**, & Züfle, A. (2022, June). PhyloView: A System to Visualize the Ecology of Infectious Diseases Using Phylogenetic Data. In *2022 23rd IEEE International Conference on Mobile Data Management (MDM)* (pp. 222-229). IEEE.
15. Obaidat, M. M., Malania, L., Arner, R. J., & **Roess, A. A.** (2022). Seroprevalence and Risk Factors for Brucella Infections in Jordan. *The American Journal of Tropical Medicine and Hygiene*, 1(aop).
16. ¹Alemi, F., Vang, J., Guralnik, E., & **Roess, A.** (2022). Modeling the Probability of COVID-19 Based on Symptom Screening and Prevalence of Influenza and Influenza-Like Illnesses. *Quality Management in Health Care*.

- 17.¹Islam, S., Gandhi, D., Elarde, J., Anderson, T., **Roess, A.**, Leslie, T. F., ... & Züfle, A. (2021, November). Spatiotemporal prediction of foot traffic. In *Proceedings of the 5th ACM SIGSPATIAL International Workshop on Location-based Recommendations, Geosocial Networks and Geoadvertising* (pp. 1-8).
- 18.¹Schindler-Ruwisch, J., **Roess, A.**, Robert, R. C., Kuehn, D., Woody, E., Vinjamuri, S., & Thompson, P. (2021). Smoking and Race Associated with Decreased Breastfeeding Initiation and Duration Among a Low Income Population. *Breastfeeding Medicine*.
- 19.¹Wojtusiak, J., Wang, Y., Vakkalagadda, V., Alemi, F., & **Roess, A.** (2021, August). Using Wi-Fi Infrastructure to Predict Contacts During Pandemics. In *2021 IEEE 9th International Conference on Healthcare Informatics (ICHI)* (pp. 347-356). IEEE.
- 20.¹Tadakamalla, A., McKerley, P., Brodsky, A., & **Roess, A.** (2021, August). A Decision Guidance System for COVID-19 Comprehensive Mitigation with Pareto-Optimal Health, Cost and Productivity Outcomes. In *2021 IEEE 9th International Conference on Healthcare Informatics (ICHI)* (pp. 270-279). IEEE.
- 21.¹Brodsky, A., Tadakamalla, A., Brodsky, S., & **Roess, A.** (2021, October). Toward COVID-19 Decision Support: Modeling of Transmission Dynamics Extended with a Comprehensive Mitigation Protocol to Predict Health, Cost and Productivity Outcomes. In *2021 IEEE International Conference on Systems, Man, and Cybernetics (SMC)* (pp. 52-59). IEEE.
22. Cevasco, K. E., **Roess, A. A.**, North, H. M., Zeitoun, S. A., Wofford, R. N., Matulis, G. A., ... & von Fricken, M. E. (2021). Survival analysis of factors affecting the timing of COVID-19 non-pharmaceutical interventions by US universities. *BMC public health*, 21(1), 1-9.
- 23.¹Bashatah, J. A., Sherry, L., & **Roess, A.** (2021, July). The benefits of enhanced contact tracing and quarantine to resume and maintain college-campus operations: an agent-based probabilistic simulation analysis. In *INCOSE International Symposium* (Vol. 31, No. 1, pp. 1079-1094).
- 24.¹Galan DI, **Roess AA**, Pereira SVC, Schneider MC. Epidemiology of human leptospirosis in urban and rural areas of Brazil, 2000-2015. *PLoS One*. 2021 Mar 4;16(3):e0247763. doi: 10.1371/journal.pone.0247763. PMID: 33661947; PMCID: PMC7932126.
- 25.¹Wojtusiak J, Bagchi P, Durbha SSKRTN, Mobahi H, Mogharab Nia R, **Roess A.** COVID-19 Symptom Monitoring and Social Distancing in a University Population. *J Healthc Inform Res*. 2021 Jan 7;1-18. doi: 10.1007/s41666-020-00089-x. Epub ahead of print. PMID: 33437913; PMCID: PMC7790352.
26. Obaidat MM, Alshehabat MA, Hayajneh WA, **Roess AA**. Seroprevalence, spatial distribution and risk factors of *Borrelia burgdorferi sensu lato* in Jordan. *Comp Immunol Microbiol Infect Dis*. 2020 Dec;73:101559. doi: 10.1016/j.cimid.2020.101559. Epub 2020 Oct 13. PMID: 33086189.
- 27.¹Cevasco KE, North HM, Zeitoun SA, Wofford RN, Matulis GA, Gregory AF, Hassan MH, Abdo AD, Farris D, **Roess AA**, von Fricken ME. COVID-19

observations and accompanying dataset of non-pharmaceutical interventions across U.S. universities, March 2020. PLoS One. 2020 Oct 16;15(10):e0240786. doi: 10.1371/journal.pone.0240786. PMID: 33064753; PMCID: PMC7567344.

- 28.¹Obaidat MM, Malania L, Bani Salman AE, Arner RJ, **Roess AA**. Seroepidemiology, Spatial Distribution, and Risk Factors of *Francisella tularensis* in Jordan. Am J Trop Med Hyg. 2020 Aug;103(2):659-664. doi: 10.4269/ajtmh.19-0335. Epub 2020 Jun 4. PMID: 32524955; PMCID: PMC7410473.
29. Obaidat MM, **Roess AA**. Individual animal and herd level seroprevalence and risk factors of Hepatitis E in ruminants in Jordan. Infect Genet Evol. 2020 Jul;81:104276. doi: 10.1016/j.meegid.2020.104276. Epub 2020 Mar 5. PMID: 32147473.
- 30.¹Luciano SA, **Roess A**. Human zoonotic tuberculosis and livestock exposure in low- and middle-income countries: A systematic review identifying challenges in laboratory diagnosis. Zoonoses Public Health. 2020 Mar;67(2):97-111. doi: 10.1111/zph.12684. Epub 2020 Jan 9. PMID: 31919980; PMCID: PMC7027859.
- 31.¹Schindler-Ruwisch, J., **Roess, A.**, Robert, R. C., & Napolitano, M. (2020). Limitations of Workplace Lactation Support: The Case for DC WIC Recipients. *Journal of Human Lactation*, 0890334419887369.
32. Obaidat, M. M., Malania, L., Imnadze, P., **Roess, A.A.**, Bani Salman, A.E., & Arner, R.M. (2019). Seroprevalence and Risk Factors for Coxiella burnetii in Jordan. *Am J Trop Med Hyg*. 101(1): 40-44. doi: 10.4269/ajtmh.19-0049
- 33.¹Sandberg, J., Santos-Burgoa, C., **Roess, A.**, Golman-Hawes, A., Perez, C.M., Garcia-Meza, A., & Goldman, L.R. (2019). The Authors Respond. *Epidemiology*. 30(6): e36-e37. doi: 10.1097/EDE.0000000000001098
34. Colon-Ramos, U., **Roess, A.A.** Robien, K., Marghella, P.D., Waldman, R.J., & Merrigan, K.A. (2019). Foods distributed during federal disaster relief response in Puerto Rico after Hurricane María did not fully meet federal nutrition recommendations. *Journal of the Academy of Nutrition and Dietetics*. <https://doi.org/10.1016/j.jand.2019.03.015>
35. Obaidat, M. M., & **Roess, A. A.** (2019). Nationwide seroprevalence, spatial distribution and risk factors of Leishmania in Jordan. *Asian Pacific Journal of Tropical Biomedicine*, 9(6), 227. doi: 10.4103/2221-1691.260394
- 36.¹Schindler-Ruwisch, J., Roess, A.A., Robert, R.C., Napolitano, M., Woody, E., Thompson, P., & Ilakkuvan, V. (2019). Determinants of Breastfeeding Initiation and Duration Among African American DC WIC Recipients: Perspectives of Recent Mothers. *Women's Health Issues*. doi: 10.1016/j.whi.2019.07.003
37. Obaidat, M. M., & **Roess, A. A.** (2019). First nationwide seroepidemiology and risk factors report of *Helicobacter pylori* in Jordan. *Helicobacter*. <https://doi.org/10.1111/hel.12572>
- 38.¹Sandberg, J., Santos-Burgoa, C., **Roess, A.**, Goldman-Hawes, A., Pérez, C. M., Garcia-Meza, A., & Goldman, L. R. (2019). All over the place? Differences in and consistency of excess mortality estimates in Puerto Rico after hurricane Maria. *Epidemiology*. doi: 10.1097/EDE.0000000000000970 PMID: 30640732

- 39.¹Noykhovich, E., Mookherji, S., & **Roess, A.** (2019). The risk of Tuberculosis among populations living in slum settings: a systematic review and meta-analysis. *J Urban Health*. doi:10.1007/s11524-018-0319-6 PMID: 30341562
40. **Roess, A.A.** Lahm, A.A. Kabbash, I.A. Saad-Hussein, A. Shaalan, A., Rasslan, O., & Mohamed, M. (2018). Responding to emerging diseases requires multi-disciplinary and one health training, Egypt. *Annals of Global Health*, 84(4), 650–653. doi: [10.29024/aogh.2372](https://doi.org/10.29024/aogh.2372)
- 41.¹Santos-Burgoa, C., Sandberg, J., Suarez, E., Goldman-Hawes, A., Zeger, S., Garcia-Meza, A., . . . **Roess, A.A.**, Goldman, L. (2018). Differential and persistent risk of excess mortality from Hurricane Maria in Puerto Rico: a time-series analysis. *Lancet Planet Health*, 2(11), e478-e488. doi:10.1016/S2542-5196(18)30209-2 PMID: 30318387
42. Obaidat, M. M., Stringer, A. P., & **Roess, A. A.** (2018). Seroprevalence, risk factors and spatial distribution of West Nile virus in Jordan. *Trans R Soc Trop Med Hyg*. doi:10.1093/trstmh/try111 PMID: 30299511
43. **Roess, A. A.**, Jacquier, E. F., Catellier, D. J., Carvalho, R., Lutes, A. C., Anater, A. S., & Dietz, W. H. (2018). Food consumption patterns of infants and toddlers: findings from the Feeding Infants and Toddlers Study (FITS) 2016. *J Nutr*, 148(suppl_3), 1525S-1535S. doi:10.1093/jn/nxy171 PMID: 30247583
44. Obaidat, M. M., & **Roess, A. A.** (2018). First report on seroprevalence and risk factors of dengue virus in Jordan. *Trans R Soc Trop Med Hyg*, 112(6), 279-284. doi:10.1093/trstmh/try055 PMID: 29992312
- 45.¹Schindler-Ruwisch, J. M., **Roess, A.**, Robert, R. C., Napolitano, M. A., & Chiang, S. (2018). Social support for breastfeeding in the era of mHealth: a content analysis. *J Hum Lact*, 34(3), 543-555. doi:10.1177/0890334418773302 PMID: 29787686
46. Obaidat, M. M., **Roess, A. A.**, Mahasneh, A. A., & Al-Hakimi, R. A. (2018). Antibiotic-resistance, enterotoxin gene profiles and farm-level prevalence of *Staphylococcus aureus* in cow, sheep and goat bulk tank milk in Jordan. *Int Dairy J*, 81, 28-34. doi:10.1016/j.idairyj.2018.02.001
- 47.¹Obaidat, M. M., Bani Salman, A. E., & **Roess, A. A.** (2018). High prevalence and antimicrobial resistance of *mecA* *Staphylococcus aureus* in dairy cattle, sheep, and goat bulk tank milk in Jordan. *Trop Anim Health Prod*, 50(2), 405-412. doi:10.1007/s11250-017-1449-7 PMID: 29063353
- 48.¹Obaidat, M. M., Bani Salman, A. E., Davis, M. A., & **Roess, A. A.** (2018). Major diseases, extensive misuse, and high antimicrobial resistance of *Escherichia coli* in large- and small-scale dairy cattle farms in Jordan. *J Dairy Sci*, 101(3), 2324-2334. doi:10.3168/jds.2017-13665 PMID: 29290451
49. Obaidat, M. M., & **Roess, A. A.** (2018). Seroprevalence and risk factors of Hepatitis E infection in Jordan's population: First report. *Int J Infect Dis*, 66, 121-125. doi:10.1016/j.ijid.2017.11.015 PMID: 29146513
- 50.¹**Roess, A. A.**, Di Peppi, R., Kinzoni, E. A., Molouania, M., Kennedy, E., Ibata, S. R., . . . Moses, C. (2017). Knowledge gained and retained from a video-centered, community-based intervention for Ebola prevention, Congo. *J Health Commun*, 22(11), 913-922. doi:10.1080/10810730.2017.1377321 PMID: 29125394

51. **Roess, A.** (2017). The promise, growth, and reality of mobile health - another data-free zone. *N Engl J Med*, 377(21), 2010-2011. doi:10.1056/NEJMp1713180 (invited) PMID: 29116869
52. Obaidat, M. M., Salman, A. E. B., & **Roess, A. A.** (2017). Virulence and antibiotic resistance of vibrio parahaemolyticus isolates from seafood from three developing countries and of worldwide environmental, seafood, and clinical isolates from 2000 to 2017. *J Food Prot*, 80(12), 2060-2067. doi:10.4315/0362-028X.JFP-17-156 PMID: 29154715
53. Carruth, L., **Roess, A. A.**, Terefe, Y., Hosh, F. M., & Salman, M. D. (2017). Antimicrobial resistance and food safety in Africa. *Lancet Infect Dis*, 17(6), 575-576. doi:10.1016/S1473-3099(17)30273-6 PMID: 28555570
54. ¹Matysiak, A., & **Roess, A.** (2017). Interrelationship between climatic, ecologic, social, and cultural determinants affecting dengue emergence and transmission in Puerto Rico and their implications for zika response. *J Trop Med*, 2017, 8947067. doi:10.1155/2017/8947067 PMID: 28717366
55. ¹Hirai, M., **Roess, A.**, Huang, C., & Graham, J. P. (2017). Exploring the link between handwashing proxy measures and child diarrhea in 25 countries in sub-Saharan Africa: a cross-sectional study. *J Water Sanitation Hyg for Development*, 7(2), 312-322. doi:10.2166/washdev.2017.126
56. Colon-Ramos, U., Rodriguez-Ayuso, I., Gebrekristos, H. T., **Roess, A.**, Perez, C. M., & Simonsen, L. (2017). Transnational mortality comparisons between archipelago and mainland Puerto Ricans. *J Immigr Minor Health*, 19(5), 1009-1017. doi:10.1007/s10903-016-0448-5 PMID: 27334006
57. Carruth, L., **Roess, A. A.**, Mekonnen, Y. T., Melaku, S. K., Nichter, M., & Salman, M. (2016). Zoonotic tuberculosis in Africa: challenges and ways forward. *Lancet*, 388(10059), 2460-2461. doi:10.1016/S0140-6736(16)32186-9 PMID: 27871735
58. ¹Hirai, M., **Roess, A.**, Huang, C., & Graham, J. (2016). Exploring geographic distributions of high-risk water, sanitation, and hygiene practices and their association with child diarrhea in Uganda. *Glob Health Action*, 9, 32833. doi:10.3402/gha.v9.32833 PMID: 27790971
59. Goldsmith, C. S., Metcalfe, M. G., Li, Y., Davidson, W. B., Wilkins, K., **Roess, A. A.**, . . . Reynolds, M. (2016). Emergence of previously unknown poxviruses. *Microscopy Microanalysis*, 22, 1184. doi:10.1017/S1431927616006760
60. ¹Lowenstein, C., Waters, W. F., **Roess, A.**, Leibler, J. H., & Graham, J. P. (2016). Animal husbandry practices and perceptions of zoonotic infectious disease risks among livestock keepers in a rural parish of Quito, Ecuador. *Am J Trop Med Hyg*, 95(6), 1450-1458. doi:10.4269/ajtmh.16-0485 PMID: 27928092
61. **Roess, A.**, Carruth, L., Lahm, S., & Salman, M. (2016). Camels, MERS-CoV, and other emerging infections in east Africa. *Lancet Infect Dis*, 16(1), 14-15. doi:10.1016/S1473-3099(15)00471-5 PMID: 26738820
62. ¹Allen, S. T., Ruiz, M. S., **Roess, A.**, & Jones, J. (2015). Assessing seasonality of travel distance to harm reduction service providers among persons who inject drugs. *Harm Reduct J*, 12, 45. doi:10.1186/s12954-015-0081-y PMID: 26458881

63. **Roess, A. A.**, Winch, P. J., Akhter, A., Afroz, D., Ali, N. A., Shah, R., . . . Bangladesh Projahnmo Study, G. (2015). Household animal and human medicine use and animal husbandry practices in rural Bangladesh: risk factors for emerging zoonotic disease and antibiotic resistance. *Zoonoses Public Health*, 62(7), 569-578. doi:10.1111/zph.12186 PMID: 25787116
64. ¹**Roess, A.**, Gurman, T., Ghoshal, S., & Mookherji, S. (2014). Reflections on the potential of mHealth to strengthen health systems in low- and middle-income countries. *J Health Commun*, 19(8), 871-875. doi:10.1080/10810730.2014.943126 PMID: 25099880
65. ^{2,*} Besera, G., & **Roess, A.** (2014). The relationship between female genital cutting and women's autonomy in Eritrea. *Int J Gynaecol Obstet*, 126(3), 235-239. doi:10.1016/j.ijgo.2014.03.038 PMID: 24947604
66. **Roess, A. A.**, McCollum, A. M., Gruszynski, K., Zhao, H., Davidson, W., Lafon, N., . . . Damon, I. K. (2013). Surveillance of parapoxvirus among ruminants in Virginia and Connecticut. *Zoonoses Public Health*, 60(8), 543-548. doi:10.1111/zph.12036 PMID: 23398718
67. **Roess, A. A.**, Winch, P. J., Ali, N. A., Akhter, A., Afroz, D., El Arifeen, S., . . . Bangladesh, P. S. G. (2013). Animal husbandry practices in rural Bangladesh: potential risk factors for antimicrobial drug resistance and emerging diseases. *Am J Trop Med Hyg*, 89(5), 965-970. doi:10.4269/ajtmh.12-0713 PMID: 24062478
68. **Roess, A.A.**, Rea, N., Lederman E., Dato, V., Chipman, R., Reynolds, M.G., Damon, I.K., Slate, D., & Rupprecht CE. (2012). National surveillance for human and pet contact with oral rabies vaccine baits, 2001-2009. *J Am Vet Med Assoc*, 240(2), 163-168. doi:10.2460/javma.240.2.163 PMID: 22217024
69. **Roess, A. A.**, & Sikka, N. K. (2012). The use of mobile communication technologies to improve the health of individuals and populations has great potential. Introduction. *J Health Commun*, 17 Suppl 1, 4. doi:10.1080/10810730.2012.667715 PMID: 22548592
70. ^{1,*}Gurman, T. A., Rubin, S. E., & **Roess, A. A.** (2012). Effectiveness of mHealth behavior change communication interventions in developing countries: a systematic review of the literature. *J Health Commun*, 17 Suppl 1, 82-104. doi:10.1080/10810730.2011.649160 PMID: 22548603
71. **Roess, A. A.**, Levine, R. S., Barth, L., Monroe, B. P., Carroll, D. S., Damon, I. K., & Reynolds, M. G. (2011). Sealpox virus in marine mammal rehabilitation facilities, North America, 2007-2009. *Emerg Infect Dis*, 17(12), 2203-2208. doi:10.3201/eid1712.101945 PMID: 22172454
72. **Roess, A. A.**, Monroe, B. P., Kinzoni, E. A., Gallagher, S., Ibata, S. R., Badinga, N., . . . Reynolds, M. G. (2011). Assessing the effectiveness of a community intervention for monkeypox prevention in the Congo basin. *PLoS Negl Trop Dis*, 5(10), e1356. doi:10.1371/journal.pntd.0001356 PMID: 22028942
73. **Roess, A. A.**, Galan, A., Kitces, E., Li, Y., Zhao, H., Paddock, C. D., . . . Damon, I. K. (2010). Novel deer-associated parapoxvirus infection in deer hunters. *N Engl J Med*, 363(27), 2621-2627. doi:10.1056/NEJMoa1007407 PMID: 21190456

74. Centers for Disease Control and Prevention. Human Vaccinia Infection After Contact with a Raccoon Rabies Vaccine Bait—Pennsylvania, 2009. (2009). *Morbidity and Mortality Weekly Report*. 58(43);1204-1207. (Writers: Rea N, Dato V, Rupprecht C, Reynolds M, Damon I, **Roess AA** (lead writer).) PMID: 19893480
- 75.¹Centers for Disease Control and Prevention. Laboratory-Acquired Vaccinia Virus Infection-Virginia, 2008. (2009). *Morbidity and Mortality Weekly Report*. 58(40);797-800. (Writers: MacNeil A, Davies E, Peake L, Reynolds M, Damon I, & **Roess A.A.** (lead writer).) PMID: 19644439
76. Price, L. B., Graham, J. P., Lackey, L. G., **Roess, A.**, Vailes, R., & Silbergeld, E. (2007). Elevated risk of carrying gentamicin-resistant *Escherichia coli* among U.S. poultry workers. *Environ Health Perspect*, 115(12), 1738-1742. doi:10.1289/ehp.10191 PMID: 18087592
77. Price, L. B., **Roess, A.A.**, Graham, J. P., Baqar, S., Vailes, R., Sheikh, K. A., & Silbergeld, E. (2007). Neurologic symptoms and neuropathologic antibodies in poultry workers exposed to *Campylobacter jejuni*. *J Occup Environ Med*, 49(7), 748-755. doi:10.1097/JOM.0b013e3180d09ec5 PMID: 17622847
78. Baqui, A. H., Black, R. E., El Arifeen, S., Yunus, M., Zaman, K., Begum, N., **Roess, A.A.**, . . . Santosham, M. (2004). Zinc therapy for diarrhoea increased the use of oral rehydration therapy and reduced the use of antibiotics in Bangladeshi children. *J Health Popul Nutr*, 22(4), 440-442. PMID: 15663177
79. Christian, P., Khatry, S. K., LeClerq, S. C., **Roess, A. A.**, Wu, L., Yuenger, J. D., & Zenilman, J. M. (2005). Prevalence and risk factors of chlamydia and gonorrhea among rural Nepali women. *Sex Transm Infect*, 81(3), 254-258. doi:10.1136/sti.2004.011817 PMID: 15923297
80. Twersky, L.H., Petach, N.C., Raleigh, F.S., & **Roess, A.A.** (1999). Delay in emergence of right forelimb in *Rana catesbeiana* exposed to thyroxine. *Bull NJ Acad Sci*. 44(2), 21-21.

b) Articles in Non-Refereed Journals

c) Chapters in Books

Roess, A., Robertson, K., & Recuenco, S. (2023). Historical Disparities in Health: Rabies Surveillance, Risk Factors and Prevention. In *History of Rabies in the Americas: From the Pre-Columbian to the Present, Volume I: Insights to Specific Cross-Cutting Aspects of the Disease in the Americas* (pp. 261-280). Cham: Springer International Publishing.

d) Books Edited or Written

e) Letters

Front matter for SpatialEpi 2021, Proceedings of the 2nd ACM SIGSPATIAL International Workshop on Spatial Computing for Epidemiology ,Nov. 2nd, 2021, Beijing, China
Can the Lessons of SARS Help Stop Ebola? The National Interest. (with Elanah Uretsky). October 2014.

f) Book Reviews

g) Peer Reviewed Reports

“Putting Meat on the Table: Industrial Food Animal Production in America.” Final Report by the National Commission on Industrial Farm Animal Production, Pew Charitable Trusts and Johns Hopkins University Bloomberg School of Public Health. Washington, D.C. 2008.

h) Non-Peer Reviewed Reports

Alemi, F., Guralnik, E., Vang, J., Wojtusiak, J., Wilson, A., Peterson, R., & Roess, A. Guidelines for Triage of COVID-19 Patients Presenting With Non-Respiratory Symptoms. *Available at SSRN 3884931*. (2021)

Roess, A. “How Can the Middle East Better Prepare for the Pandemics of the Future?” Series: Thinking MENA Futures: The Next Five Years and Beyond. Publisher: Middle East Institute. (2021) <https://www.mei.edu/publications/how-can-middle-east-better-prepare-pandemics-future>

Ballew, M. T., Bergquist, P., Goldberg, M. H., Gustafson, A., Kotcher, J., Marlon, J. Roess, A., ... Leiserowitz, A. (2020, April 20). American Public Responses to COVID-19, April 2020. <https://doi.org/10.31234/osf.io/qud5t>

“Farm Waste Management.” Report by the National Commission on Industrial Farm Animal Production, Johns Hopkins University Bloomberg School of Public Health. Washington, D.C. February 2008 (with Leonard Bull, J. Mark Rice, Otto “Chip” Simmons, and Deanne Meyer).

“Animal Well-Being.” Report by the National Commission on Industrial Farm Animal Production, Johns Hopkins University Bloomberg School of Public Health. Washington, D.C. December 2007 (with Joy A. Mench, Paul B. Thompson, Ed Pajor, and Harvey S. James Jr).

“Costs of Food Animal Production.” Report by the National Commission on Industrial Farm Animal Production, Johns Hopkins University Bloomberg School of Public Health. Washington, D.C. May 2008 (with Harwood D. Schaffer, and Darryl E. Ray).

“Antibiotic Resistance and Food Animal Production.” Report by the National Commission on Industrial Farm Animal Production, Johns Hopkins University Bloomberg School of Public Health. Washington, D.C. December 2007 (with Center for a Livable Future, JHSPH).

Pilot Program of Structured Environmental House Calls. U.S. Environmental Protection Agency. The South Texas Environmental Education and Research (STEER) initiative of the University of Texas Health Science Center at San Antonio (UTHSCSA). Final Report to the U.S. EPA submitted in January 2001.

New Jersey Youth Tobacco Survey: A Statewide Report. Division of Addiction Services. New Jersey Department of Health and Human Services. April 2000.

Annual Report of Reportable Communicable Diseases for New Jersey. Division of Epidemiology, Communicable Diseases Service Unit. New Jersey Department of Health and Human Services. Final Report available on-line December 2000.

i) Abstracts (Recent)

Mohamed M, **Roess A**, Shaalan, A, Aly H: Creating a Network of Neonatologists, Child Health Researchers, and Public health Specialists to Study Neonatal Infections' Related Mortality and Morbidities in Egypt. European Academy of Pediatric Societies (EAPS): Arch Dis Child 2014; 99:A431-A432
doi:10.1136/archdischild-2014-307384.1196.

¹Aberra, E., K. Ndiaye, and **A. Roess**. "The dangers of cooking in Kakuma: How access to cooking fuel compromises the safety, dignity, and well-being of women living in refugee camps, a quantitative analysis." *Annals of Global Health* 3, no. 80 (2014): 208.

¹Aranda, E., D. Marron, and **A. Roess**. "What factors are associated with compliance of integrated management of childhood illness guidelines in Egypt? An analysis using the 2004 Egypt service provision assessment survey." *Annals of Global Health* 81.1 (2015): 187.

Roess, A., Carruth, L., Mann, M., Kabbash, I., Melaku, S., Atia, M., ... & Salman, M. (2015). Livestock movement and emerging zoonotic disease outbreaks: applying ecological, network, and sociocultural theories to assess the risk of Middle East respiratory syndrome from camel trade in Ethiopia and Egypt. *The Lancet Global Health*, 3, S26.

8) **Scholarly Presentations** (List Titles and Dates of Presentations, sites, sponsors and/or meetings, as well as complete authorship in order for each category, in chronological order)

a) Regional Presentations

Roess AA, Mirotnik R, Stanley E. Synaptic vesicle membrane and presynaptic membrane fusion of calcium in chick embryos. Poster presentation. National Institutes of Health, Bethesda, MD, August 1997.

Roess AA, Hagerty MG, Arjocu S, Coker, Spinale FG. Immunofluorescence staining for the myocyte cytoskeletal protein, alpha-actinin, in control and pace induced heart failure pigs. Poster presentation. Medical University of South Carolina Conference, Charleston, SC, August 1998.

Roess AA, Petriello RP. Concurrent infections of a protozoan and helminth parasite in CF1 rats: an analysis of blood serum proteins and enzymes. Poster presentation. National Biology Society Annual Conference, Lawrenceville, NJ, September 1999.

Roess, AA. Analysis of the National Surveillance for Human and Pet Contact with Oral Rabies Vaccine Baits, 2001-2008. CDC Epidemic Intelligence Service, October 2008.

Roess AA. The roles of wildlife health and disease, and ecology in aspects of surveillance, training, outbreak investigation. Invited presentation. Centers for Disease Control and Prevention. January 2010.

Contributor. Centers for Disease Control and Prevention, Zoonotic Disease monthly conference call with local, state and federal health officials. 02/09-06/10

Roess AA. Conducting international health field work to study emerging and zoonotic diseases. Invited presentation. George Washington University Epidemiology Seminar. Washington D.C., January 2010.

Roess AA and SA Lahm. Invited Talk at Virginia Technology University. October 2015.

Roess AA. Invited Talk at the NIH/NIAID Coronavirus program, October 2017

Roess AA. Invited Talk at the University of Georgia, School of Ecology, September 2017

Roess AA. Invited Talk to Mathematical Biosciences Institutes Meeting, 2018 March

Roess AA and M Obaidat. Invited Talk at the NIH/NIAID International ID program, April 2018

Roess AA Invited Talk to New York University, COVID-19 response and infrastructure in the Middle East June 2020

Roess AA. Invited panel member (3 members) to the Virginia Interfaith event. Responding to COVID-19 and Addressing Healthy Equity and Disparities. May 2021.

b) National Presentations

Adler RK, Hrywna M, Delnevo C, Slade JD, **Roess AA.** Minor tobacco use/possession policies in New Jersey. Poster presentation. American Public Health Association Annual Conference, Atlanta, GA, October 2001.

Roess AA. National Commission on Industrial Farm Animal Production, Pew Foundation Study. Future Trends in Animal Agriculture Symposium. Invited Panel discussant. United States Department of Agriculture, Washington, D.C., September 2007.

Roess AA, Price LB, Winch PJ, Akhter A, Afroz D, Ali N, Begum N, Shah R, Mahmud AB, Arifeen SE, Saha SK, BaquiAH, Silbergeld EK. Risk factors for antibiotic resistance in rural Bangladesh: human and animal antibiotic use, poultry husbandry practices, and antibiotic resistance in poultry farm environments Poster presentation. Global Health Council Annual Conference, Washington, D.C., June 2006.

Silbergeld EK, Chapin AR, Price LB, Graham J, **Roess AA,** Resnick C, Buckley TJ, Rule AM, Schwab KJ. Community exposures to antibiotic resistant bacteria associated with concentrated animal feeding operations (CAFOs). Oral presentation. American Public Health Association Annual Conference, Oral presentation, Philadelphia, PA, December 2005.

Roess AA, Winch PJ, **Afsana A, Afroz D, Ali NA, Shah, R,** Baqui AH, Darmstadt GL, Arifeen SE. Extent of Human and Environmental Antibiotic use in rural Bangladesh and its potential impact on antimicrobial-resistant human pathogens: results of survey research. Oral presentation. American Public Health Association Annual, Washington, D.C. November 2004.

Roess AA, Galen A, Kitces E, Adem P, Li Y, Reynolds M, Paddock C, Zaki S, Damon I. Novel deer-associated parapoxvirus in two eastern states, 2008. Oral presentation. CDC Epidemic Intelligence Service Conference. Atlanta, GA, April 2009.

Moses C, **Roess AA.** Innovative technologies proven to increase knowledge and change behaviors: Ebola and Monkeypox prevention in rural Republic of Congo. Oral presentation. Global Health Council Annual Conference, Washington, D.C., May 2009.

Roess AA. National Surveillance for Human and Pet Contact with Oral Rabies Vaccine Baits, 2001-2009. Invited presentation. USDA Rabies Management Team Meeting. Nashville, TN, March 2010.

Roess AA, Moses C, Kinzonzi E, Nkenda-Badinga E, Gallagher S, Kennedy E, Reynolds MG, Damon IK. Long-term impact of a video-based intervention on knowledge and attitudes of monkeypox prevention and care in rural Republic of Congo (Likouala Region). Oral presentation. Global Health Council Annual Conference, Washington, D.C. June 2010.

Roess AA. Importation of bushmeat. Invited Panel discussant. American Veterinary Medical Association. Atlanta, GA, August 2010.

Roess AA. Moses C, Gallagher, S Kinzonzi E. Impact of a video-based intervention on knowledge and attitudes of Ebola prevention and care in rural Republic of Congo, 2007-2010. Oral presentation. American Public Health Association Annual Conference. Washington, D.C., October 2011.

¹Aberra, E., K. Ndiaye, and **A. Roess.** The dangers of cooking in Kakuma: How access to cooking fuel compromises the safety, dignity, and well-being of women living in refugee camps, a quantitative analysis. Poster Presentation. Consortium of Universities for Global Health, Washington DC, 2014

¹Aranda, E., D. Marron, and **A. Roess**. What factors are associated with compliance of integrated management of childhood illness guidelines in Egypt? An analysis using the 2004 Egypt service provision assessment survey. Poster presentation. Consortium of Universities for Global Health, Washington DC, 2014

Roess AA, Carruth L, Mann M, Kabbash I, Melaku S, Atia M, ... & Salman M. (2015). Livestock movement and emerging zoonotic disease outbreaks: applying ecological, network, and sociocultural theories to assess the risk of Middle East respiratory syndrome from camel trade in Ethiopia and Egypt. Oral Presentation. Consortium of Universities for Global Health, Boston, 2015

Roess AA. Thurman S. Predictors of breastfeeding in the Middle East. 143rd APHA Annual Meeting and Exposition (October 31-November 4, 2015). APHA, Chicago, IL, 2015. (Poster Presentation)

Lahm S. **Roess AA**. Ebola cultural assessment. Society for Risk Assessment. Arlington, VA. December 2015. (Invited Oral Presentation)

¹Robert RC, **Roess AA**, Kwan C, Cleaves E, Kuehn D, Thompson, P. Implementing DCBFed, an innovative mobile-health enhanced peer counseling program to improve breastfeeding. Poster Presentation. National WIC Association, Denver, CO. 2016.

Robert RC, **Roess AA**, Cleaves E, Kuehn D, Thompson, P. An Innovative, Mobile-health Enhanced, Peer-counseling Program to Improve Breastfeeding among Low-income, Minority Populations in Washington, DC. Poster Presentation. Consortium of Universities for Global Health, Washington, DC. 2017

Robert RC, **Roess AA**. Trends in Breastfeeding and Cesarean sections over a 20-year period in 40 low and middle income countries. Poster Presentation. Consortium of Universities for Global Health, Washington, DC. 2017

Dietz WB. **Roess AA**. FITS2016, Infant and Toddler Feeding Practices in the United States. Experimental Biology. Chicago, IL. April 2017. (Invited Panel Presentation)

Ndiaye K. **Roess A**. 147th APHA Annual Meeting and Exposition (November 10-14, 2018). Health Hotline use to address sexual health gender disparities, Senegal. Oral Presentation. APHA, San Diego, CA, 2018.

Galan D. **Roess A**. Schnieder, C. 148th APHA Annual Meeting and Exposition (2019). Epi of Leptospirosis, Brazil (get full title). Oral Presentation. APHA, 2019.

Morton L. **Roess A**. Carruth L. 149th APHA Annual Meeting and Exposition (2019). Ethiopia risk factor study (get full title). Oral Presentation. APHA, 2019.

Galan D. **Roess A**. Schnieder, C. 149th VIRTUAL APHA Annual Meeting and Exposition (2020). Leptospirosis Risk Among Occupational Groups in Brazil. Oral Presentation. APHA, 2020, Oct 24-28.

Morton L. **Roess A**. Sandberg Global Health Security Conference in North Carolina (get full title) (2020). Global Health Security Dissertation topic. Poster Presentation. 2020.

Cevasco K. **Roess A**. 147th APHA Annual Meeting and Exposition (November 10-14, 2021). Health Hotline use to address sexual health gender disparities, Senegal. Oral Presentation. APHA, San Diego, CA, 2018.

Guralnik, E., Alemi, F., Vang, J., Wojtusiak, J., Wilson, A., & **Roess, A**. (2021, June). Modeling the Probability of COVID-19 Vs. Influenza or Influenza-like-Illnesses (ILI) Based on Symptom Screening. In *2021 Annual Research Meeting*. AcademyHealth.

Sill, J. M., Bartholmae, M., Karpov, M. V., Schilling, J., Toepf, A., **Roess, A**, ... & Dodani, S. (2023). Occupational and Environmental Factors Affecting Covid-19-Related Anxiety and Depression: A Longitudinal Analysis of the COVIDSMART Study. *Chest*, 164(4), A3796-A3797.

c) International Presentations

Roess AA, Winch PJ, **Afsana A**, **Afroz D**, **Ali NA**, **Shah, R**, Baqui AH, Darmstadt GL, Arifeen SE. Extent of human and environmental antibiotic use in rural Bangladesh and its potential impact on antimicrobial-resistant human pathogens: results of

qualitative research. Poster presentation. WHO International Conference for Improving the Use of Medicines, Chiang-Mai, Thailand, March 29-April 2, 2004.

Roess AA, Levine RS, Barth LA, Hughes CM, Carroll D, Damon IK, Reynolds MG. Sealpoxvirus at North American Marine Mammal Rehabilitation Centers. Poster presentation. International Meeting on Emerging Diseases. Austria, Vienna, February 2009.

Roess AA, Kinzonzi E, Nkenda-Badinga E, Moses C, Macneil A, Benzekari NA, Reynolds MG, Damon IK. Pilot study of the impact of a video-based intervention on knowledge and attitudes of monkeypox prevention and care in rural Republic of Congo (Likouala Region). Poster presentation. International Meeting on Emerging Diseases. Austria, Vienna, February 2009.

Roess AA, Kinzonzi E, Nkenda-Badinga E, Moses C, Gallagher S, Kennedy E, Reynolds MG, Damon IK. Long-term impact of a video-based intervention on knowledge and attitudes of monkeypox prevention and care in rural Republic of Congo (Likouala Region), November 2008 to July 2009. Oral presentation. Congolese Ministry of Health Scientific Congress. Democratic Republic of Congo, Kinshasa, November 2009.

Roess AA, Levine RS, Barth LA, Hughes CM, Carroll D, Damon IK, Reynolds MG. Sealpoxvirus in marine mammal rehabilitation centers and in the wild. Poster presentation. Society for Marine Mammalogy Biennial Conference. October 2009.

Roess AA, Rea N, Dato V, Rupprecht C and the ORV Surveillance Network. National Surveillance for Human and Pet Contact with Oral Rabies Vaccine Baits. Oral presentation. Rabies in the Americas, Quebec City, Canada, October 2009.

Roess AA, Moses C, Gallagher S, Kinzonzi E. Impact of a video-based intervention on knowledge and attitudes of Ebola prevention and care in rural Republic of Congo. Oral presentation. International Meeting on Emerging Diseases. Austria, Vienna, February 2011.

¹**Roess AA**, Colon-Ramos U, Kim HL, Rodriguez I, Marazzi M, Simonsen L. Trends in perinatal, neonatal and infant mortality among Puerto Ricans living in Puerto Rico, Puerto Ricans in the mainland United States and other ethnic/racial groups—2000-2007. Poster Presentation. Research Centers in Minority Institutions International Symposium on Health Disparities, San Juan, Puerto Rico. December 2012.

¹Colon-Ramos U, **Roess AA**, Kim HL, Rodriguez I, Marazzi M, Simonsen L. Trends in all-cause mortality rates: island Puerto Ricans, mainland Puerto Ricans, Cubans, Mexicans, non-Hispanic whites and blacks in the U.S.—2000-2009. Poster Presentation. Research Centers in Minority Institutions International Symposium on Health Disparities, San Juan, Puerto Rico. December 2012.

Mohamed M, **Roess A**, Shaalan, A, Aly H: Creating a Network of Neonatologists, Child Health Researchers, and Public Health Specialists to Study Neonatal Infections' Related Mortality and Morbidities in Egypt. European Academy of Pediatric Societies (EAPS): Arch Dis Child 2014; 99:A431-A432
doi:10.1136/archdischild-2014-307384.1196. Spain.

Roess, A., Carruth, L., Mann, M., Kabbash, I., Melaku, S., Atia, M., ... & Salman, M. (2015). Livestock movement and emerging zoonotic disease outbreaks: applying ecological, network, and sociocultural theories to assess the risk of Middle East respiratory syndrome from camel trade in Ethiopia and Egypt. Consortium of Universities of Global Health. United States. 2015. (Oral Presentation).

Ahsan, N., Sarker, N., Rahman, H., Islam, M., Hossain, J., Alam, N., Dejeghout, B., Janecko, N., Mather, A., Wain, J., Saha, S., Saha, S, **Roess A**. Risk factors for Campylobacter among pregnant women and their newborns in rural Bangladesh. CampyUK virtual conference for Campylobacter. Sept 8 - 10 2021. (Oral Presentation).

Sarker, N Ahsan, N., Rahman, H., Islam, M., Hossain, J., Alam, N., Dejeghout, B., Janecko, N., Mather, A., Wain, J., Saha, S., Saha, S, **Roess A**. Rapid Detection in

Chicken Flocks. CampyUK virtual conference for Campylobacter. Sept 8 - 10 2021. (Oral Presentation).

d) Invited Keynote presentations

Invited keynote about multiple disciplinary research, ““The practicalities of multi-disciplinary research” August 25, 2021. 7th International Symposium on Spatial and Temporal Databases 2021 ([SSTD 2021](#)).

Invited keynote about multiple disciplinary research, Proceedings of the 2nd ACM SIGSPATIAL International Workshop on Spatial Computing for Epidemiology, Beijing, China. November 2, 2021

Invited keynote. “The practicalities of multiple disciplinary research: lessons from COVID-19” RPS PREPARE (funded by NSF). December 9, 2021.

Invited keynote “Studying human and animal mobility: lessons learned from implementing an interdisciplinary approach.” Ecology and Evolution of Infectious Disease International Workshop & Conference June 3 - 9, 2022 at Emory University

Invited keynote to the US Department of State, International Visitors Scholar Program. Spring 2023

9) **University Service** (*Specify names and dates in reverse chronological order*)

a) Committee service (*Department, School, Senate, University*)

University

(at Mason)

Research committee to the Faculty Senate (August 2022 to Present)

Provost search committee (September 2023 to May 2024 [projected])

Institute of Biohealth Innovation Advisory Board (May 2021 to Present)

ASSIP Advisory Board (September 2022 to Present)

(at GW)

Sustainability Institute (Fall 2017 to Summer 2019)

Local Engagement XD grant (Fall 2016 to Spring 2017)

Egyptian Revolution Working Group (September 2013 to Dec 2016)

GW Egypt Interest Group (September 2011 to Fall 2017)

mHealth Seminar Collaborative (January 2012 to Present)

Faculty Senate Committee on University and Urban Affairs (October 2013 to February 2015)

Statistics Core Working Group (January 2014 to May 2014)

School/College

(at Mason)

Collaborative on Health Equity member Sept 2021 to Present (acting co-chair

Aug to Dec 2023, co-director Research Subcommittee Jan 2023 to Present)

Arlington Innovation Summer to Fall 2021

COACHE 2020

RPT for HAP, January 2022 - May 2023

RPT for College (as called upon) since January 2022

(at GW)

Strategic Space Committee (May 2018-August 2019)

Diversity and Inclusion Committee (Fall 2017-Summer 2019)

Community Engagement Strategic Planning Committee (Spring 2017)

Big Data Strategic Planning Committee (Spring 2017)

Doctoral Education Strategic Planning Committee (Fall 2016)

Biostatistics Course Core Committee (August - December 2012)

New Building Construction sub-committee member (March-April 2012)

Executive Education sub-committee member (March-April 2012)

b) Administrative assignments: Department, School, University

Department

(at GMU)

Directors committee Sept 2021 to June 2022

PhD in Public Health program, director (Nov 2020 to August 2022)

RPT Sept 2020 to Present

Admissions committee member (Jan 2020 to Present)

(at GW)

Admissions committee member (November 2012 to Aug 2019)

DrPH in Global Health Program, director (November 2013 to Aug 2019), co-director (June 2012 to December 2012)

Research committee, co-chair (October 2011 to Fall 2015)

Curriculum committee, chair (January 2011 to August 2015)

School/College

(at GW)

Alumni and Student Awards Committee (March 2017 to August 2019)

Academic Awards committee (May 2017 to August 2019)

DrPH committee member (June 2012 to December 2012, November 2013 to August 2019)

Curriculum committee member (January 2011 to June 2015)

Research committee member (October 2011 to September 2012)

Inclusion and Diversity committee (August 2018 to August 2019)

c) Mentoring to a member of the faculty

(at GW)

Grant writing workshop for faculty in department (peer-mentoring), 2011, 2012, 2017, 2018

Manuscript writing group for faculty in department (peer-mentoring,), 2013, 2014, 2018

d) Service to admissions, alumni, or student groups

(at Mason)

Attendance at Student Welcome Day, 2023

Doctoral fellowship application reviewer, 2021, 2022, 2023

Attendance at PhD Open House 2020, 2021

Attendance at PhD Information event, 2021

(at GW)

Alumni Awards Committee, 2017, 2018

Student Research Day Abstract Reviewer, 2017, 2018

Attendance at Preview Day 2011, 2012, 2013, 2014, 2015, 2017, 2018

Attendance at MPH Open House 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017

Attendance at DrPH Open House 2013, 2015, 2017

Attendance at Alumni weekend 2013

e) Community service

-Mason OLLI speaker. Give presentations to community organizations upon the request of Mason. 08/20-Present

-DC Mayoral Lactation Commission. Appointee. 12/16-08/19.

-DC Breastfeeding Coalition. Executive Board. 12/15-12/18.

-Washington DC WIC Program and Mary's Center. Volunteer. Speak to WIC participants at breastfeeding events to raise awareness about resources available.

-NGO Clinic. Fairfax Virginia. Non-profit organization that provides health services to low-income immigrants and vulnerable populations who do not qualify for Medicare, Medicaid or other services. Overseeing data analysis and grant writing. 08/11-05/14

Grant awarded by Virginia Department of Health for Chronic Disease Self-Management Program, February to July 2013

-Serve Haiti. Non-profit organization that provides health services to vulnerable populations in rural Haiti. Managing data entry and analysis for nutrition survey conducted in Grande Bois. Provide support for fund raising and building ties with public health agencies and other non-profits. 11/09-05/13

-Non-profit organization that provides education and health services to vulnerable children in rural Egypt. Duties include formulating yearly goals, fund raising, meeting with stakeholders and government officials. Board member. 09/06-08/12.

-Local NGO, Fairfax, VA. Hepatitis C screening, risk behavior survey. Recruited volunteers, administered survey in Arabic and English. 05/06

-American Red Cross (ARC), Baltimore, MD. "Meeting the needs of refugee populations: a pilot after school ESL program for mothers and tutoring sessions for their children." Proposal awarded a Community Service Grant by Johns Hopkins University. Project implemented by the local ARC office. 01/01-05/01

10) Professional Society Membership and Leadership (Include any administrative duties or appointments *in reverse chronological order*)

American Society of Tropical Medicine and Hygiene, member since 2017

American Research Center for Egypt, DC, member since 2004

International Society for Infectious Diseases, member since 2001

American Public Health Association, member since 1999

Public Health Student Caucus Board Member 2004-2005

Global Health Council, member 2004-2012

Hopkins, IRB Committee for Health and Human Research Member, 2000-2003

Hopkins Health and Human Rights Student Group, 2000-2005

UMDNJ-SPH Student Association, First Year Representative, 1999-2000

11) Editorial Peer Review Activities (grant review activities, journals, etc. *in reverse chronological order*)

Ongoing:

Associate Editor for Global Health Section, BMC Public Health, March 2018-2021

Consortium of Universities for Global Health (CUGH) Annual Conference Scientific Advisory Committee, 2014-Present

American Association Public Health Annual Conference Abstract and video reviewer, 2014-Present

Reviewer for journals: American Journal of Public Health, The Lancet Infectious Diseases, Emerging Infectious Disease, Environmental Health Perspectives, Journal of Sexually Transmitted Infections, American Journal of Tropical Medicine and Hygiene, Zoonoses and Public Health, Journal of Health Communication, PeerJ, PLoS Neglected Tropical Diseases, Journal of Human Lactation. 02/05-Present

Recent:

National Institutes of Health. Clinical Research and Field Studies of Infectious Diseases Study Section. October 2021.

National Institutes of Health. RFA-AI-20-023 Limited Competition: International Epidemiology Databases to Evaluate AIDS (IeDEA) (U01 Clinical Trial Not Allowed) Review Panel: ZAI1-JBS-A-J2. December 2020

National Institutes of Health. Population and Public Health Approaches to HIV Study Section, March 2019.

National Institutes of Health. Clinical Research and Field Studies of Infectious Diseases Study Section. February 2018.
 Agence Nationale de la Recherche (ANR - French National Research Agency), CE35 Health/environment, April/May 2017
 CDC Special Emphasis Panel NCEZID, ZCK1 GCA (39) R, March 2017
 National Institutes of Health. HSOD Section, Mail Reviewer. June 2016, January 2017
 United States Agency for International Development. Global Health Mini-University. Planning Committee 2011, 2013, 2015, 2017
 Research Centers in Minority Institutions (RCMI), Health Disparities Conference Reviewer (2015, 2017)
 Swiss National Science Foundation. December 2014, 2015
 National Academy of Sciences, PEER program reviewer. July 2015
 National Institutes of Health. Special Emphasis Peer Review Panel. June 2014
 EU, Innovative Medicines Initiative 2 Joint Undertaking (IMI2), Ebola Panel, Summer 2016
 CRDF Global, Grant Reviewer, Middle East and North Africa (January 2013)
 National Science Foundation, NSF Smart Health and Wellbeing Program Review Panel (July 16-17, 2012)
 Malaria Day Review Panel. Pan American Health Organization. July-September 2011, July-September 2015.
 Grant Reviewer. GAP ORP, CDC, President's Emergency Plan for AIDS Relief (PEPFAR) 09/09
 Invited presenter. Diverse Voices in Animal Agriculture Seminar Series. United States Department of Agriculture. Washington, D.C. 06/07

12) **External Activities/Partnerships** (*in reverse chronological order*)

(at Mason)

Developed research collaboration with UN recognized Global Fund for Widows, that led to MPH practicum placement for Mason students at GFW, 2023-Present

Developed research collaboration with Project Hope that led to MPH practicum placement for Mason students at Project Hope and NSF-funded Intern position, 2022-Present

Developed research collaboration at United States Pharmacopeia (USP) which led to MPH practicum placement for Mason students, 2020-2021

Developed collaboration between Mason, College of Science and ASTHO for NSF COVID-19 grant, 2021, 2023

Developed collaboration between Mason, College of Science and NACCHO for NSF COVID-19 grant, 2021, 2023

(at GW)

Dilla University, Ethiopia, Developed MOU with GW SPH and GW SEAS, 2019-Present

Developed collaboration with Jordan University of Science and Technology, on emerging zoonotic disease research, including GW student placements in Jordan. 2016-2019

Collaborating with Department of Geography on a number of small projects. Included as participant in the Research Coordination Network proposed to NSF to build a network of researchers/practitioners, both domestically and internationally, interested in leveraging open data and mapping activities to promote resilience in areas at high risk of economic and environmental change. 2015.

Developed Letter of Collaboration between Ministry of Agriculture in Egypt with GWU DGH to establish collaborations on zoonoses in Egypt. 2015

Registered IRB at Tanta University in Egypt with OHRP. 2014.

Developed Memorandum of Understanding between Egypt's Ministry of Higher Education and GWU. 2013.

Invited to give a talk about Ebola at DC DOH Epidemiology Grand Rounds. 10/14.
 Invited consultant to give a talk about Ebola to health care workers. DC CARE. 10/14.
 WIC Program, Washington D.C. Department of Health. Overseeing evaluation of peer-counseling on breast-feeding rates among WIC participants. 11/13-Present.
 Consultation. Extending the Cure of Antibiotics, Resources For the Future, Robert Wood Johnson Foundation. Princeton, NJ. 06/06.
 Review of animal health practices in industrial farm animal production. International Finance Corporation. Washington, D.C. 03/06.
 Invited consultant. Public Health Impacts of the Livestock Revolution, The World Bank Group. Washington, D.C. 02/06.

13) **Teaching/Learning Portfolio** (Include dates of participation for all categories *in reverse chronological order*)

a) Educational Program Leadership

Invited lecture at numerous universities to discuss multi-disciplinary research methods/One Health, Spring 2019
 Invited to attend the Leadership Conference on mhealth in Washington, DC (which brought together USG, industry, and academia), June 2018
 University-Faculty Learning Collaborative, January 2014 to May 2014
 OVPR Grant writing workshop. November 2013.
 Attended GW's workshop, "Building the Next Generation of Academic Leaders: A Mentor Development Conference" November 2012.
 GW-SPH Boot camp for new faculty August 2012
 Invited to attend the Middle East North Africa satellite event to the International AIDS Society's (AIDS2012) Conference.
 DC Collaborative Webinar on Ethical Considerations for Community Engagement Projects, June 2012, July 2012
 ASPH Best Practice in Teaching & Learning Webinar Series will host a discussion on "Writing Cases for Public Health Education". Dr. Nancy Kane, April 2012
 DC D-CFAR NIH Sponsored Grant Writing Workshop, April 2012
 DC Collaborative Webinar on Measurement and Analysis, May 2012
 DC Collaborative Webinar on Study Design, April 2012

b) Courses Taught

Instructor/course director

(at Mason)
 (PhD)
 (GCH826) Doctoral level Epi course (Course Developer and Director) (PhD) Fall 2022
 (GCH890) Doctoral Research Seminar (Course Developer and Director) (PhD) Fall 202, Spring 2021

 (MPH)
 (GCH 722) Infectious Diseases Epidemiology (Course Director) (Graduate level), Spring 2023
 (GCH 640) Global Infectious Diseases (Course Director) (Graduate level), Spring 2023 (async DL)
 (GCH 712) Introduction to Epidemiology (Course Director) (MPH), Fall 2021, Spring 2021

 (Guest lecturer)
 President Washington's Honors Seminar for Undergraduates (HNRS360), Spring 2023

COVID-19: The Mason Impact (UNIV391), Summer 2020

(Guest lecture external while at Mason)

George Washington University, Global Health Security and Infectious Diseases for graduate students in an Epidemiology course, Spring 2020

George Washington University, Global Health Security and Infectious Diseases for graduate students in an Epidemiology course, Spring 2019

University of Georgia, Invited Guest lecture on conducting mixed-methods research to understand ID transmission, Fall 2018

(at GW)

(DrPH)

Advanced Topic: Health Leadership in International Settings (Course Developer and Director) (DrPH) Fall 2013, Fall 2015, Fall 2017 (12 lectures) (Taught and developed)

Advanced Topics in Global Health Seminar (Course Developer and Director) (DrPH) Spring 2014, Spring 2016, Spring 2018 (12 lectures) (Taught and developed)

(MPH)

Approaches to Global Health Infectious Disease Control (MPH), Fall 2016, Fall 2017, Fall 2018 (7/14 lectures) (Taught and developed)

Emerging Zoonotic Disease and Global Food Production (Course Developer and Director) (MPH), Fall 2011, Fall 2012, Fall 2015, Fall 2016, Fall 2017, Fall 2018 (7/7 lectures)

Global Environmental and Occupational Health (Course Instructor) (MPH), Fall 2014

Mobile Healthcare: Innovations in Telemedicine (MPH), Summer 2012 (4 lectures)

Quantitative Research Methods (Course Director) (MPH), Spring 2014 (14 lectures), Spring 2013 (1 lecture), Summer 2012 (10 lectures), Spring 2012 (9 lectures), Summer 2011 (14 lectures) (Taught and co-developed)

Qualitative Research Methods (MPH), Summer 2012 (2 lectures), Spring 2011 (1 lecture)

Study Design and Ethics (Course Director) (MPH), Spring 2013 (1 lecture), Fall 2012 (1 lecture), Spring 2012 (4 lectures), Fall 2011 (1 lecture), Spring 2011 (10 lectures), Fall 2011 (2 lectures)

Comparative Regional Determinants (MPH), Spring 2011 (2/14 lectures)

Global Health Communication Strategies and Skills (MPH), Fall 2012 (1/10 lecture)

Theories and Applications for Global Health Promotion (MPH), Spring 2011 (2/14 lectures), Summer 2011 (2/10 lectures)

(Undergraduate)

Introduction to Global Health and Development, GWU (undergraduates), Spring 2011 (2/14 lectures), Fall 2010 (12/14 lectures)

Guest lecturer at GW

(DrPH)

Foundations of Public Health Leadership and Practice (DrPH), Fall 2014, Fall 2016 (3 lectures)

(MPH)

International Food and Nutrition Policies and Programs (MPH), Spring 2013, Spring 2018 (1 lecture)

Applied Data Analysis for Environmental and Occupational Health (MPH students), Spring 2012 (1 lecture)

(MD)

Global Health Track for Medical Students (medical students), Fall 2011 (1 lecture)

(BA/BS)

Health, Human Rights, and Displaced Persons (undergraduates), Fall 2013, Fall 2012, Spring 2011, Fall 2011

Introduction to Global Health and Development (undergraduates), Fall 2015, Spring 2015, Spring 2014, Spring 2013, spring 2012, Spring 2011

Emergency Medical Scribe Course (undergraduates), Fall 2010 (1 lecture)

New Courses or Programs Developed

(at Mason)

(PhD)

GCH 826, Epidemiology Research Methods, Fall 2022

GCH 890, Doctoral Research Seminar, Fall 2021

PhD in Public Health Program (November 2020-Summer 2022 as Program Director)

(at GW)

(DrPH)

Advanced Topic: Health Leadership in International Settings (doctoral seminar), Fall 2015 (Taught 2015, 2017)

Advanced Topics: Health Research in the Global Arena (doctoral seminar), Spring 2014 (Taught 2014, 2016, 2018)

(MPH)

Emerging and Zoonotic Diseases Epidemiology and Global Food Animal Production, Fall 2011, Fall 2012, Fall 2015, Fall 2017, Fall 2018

Program developed-MPH Program in Global Disease Epidemiology and Control -- Served on department and school committees to create this program

c) Students and Trainees: Advising/Mentoring (in reverse chronological order)

Overview

Hosted Fulbright Visiting Faculty from Kingdom of Jordan: Mohammad Obaidat, DVM, PhD, MS, DACVPM, CIFLR (Sept 2017-June 2018)

Undergraduate Advising (1-2012/3, 1-2013/4, 1-2014/5, 1-2015/6, 1-2017/8, 1-2018/9, 5-2020/2021, 1-2022/2023, 2-2023/2024)

Master's Advising (12-2010/1, 15-2011/2, 12-2012/3, 12-2013/4, 6-2014/5, 6-2015/6, 6-2015/6, 6-2016/7, 17-2017/8, 12-2018/9, 2-2019/20, 3-2020/2021, 3-2021/2022, 2-2022/2023)

Master's Thesis/practicum advisor (name, degree program, year)

(At Mason)

1. Taiybah Hessabi, MPH practicum, Summer 2023
2. Jordan Turner, MPH practicum, Summer 2023
3. Ryan Shelton, MPH practicum, Spring 2023
4. Syreen Goulmamine, MPH practicum, Spring 2023
5. Emma Von Hoene (MS), Geography, (MS thesis committee member). Fall Summer 2023

6. Samara Tahmid, MPH practicum, Summer 2022
7. Genevieve Raguindin, MPH practicum, Summer 2022
8. Negar Nikpanjen, MPH practicum, Summer 2022
9. Pouria Keshoofy, MPH practicum, Spring 2022
10. Joseph Givan, MPH practicum, Spring 2022
11. Yumna Khalid, MPH practicum, Summer 2021
12. Amanda Touma, MPH practicum, Epidemiology, 2020

(At GW)

1. Julie Davis (MPH), Global Health Epidemiology, 2019
2. Megan Hoffman (MPH), Global Health Epidemiology, 2019
3. Lauren Overman (MPH), Global Health Epidemiology, 2019
4. An Nguyen (MPH), Global Health Epidemiology, 2019 (Presented at GW Research Day, 2018)
5. Nicolette Bestul (MPH), Global Health Epidemiology, 2019 (Presented at GW Research Day, 2018—2nd place Poster award)
6. Courtney Irwin (MPH), Global Health Epidemiology, 2019
7. Conor Skelton (MPH), Epidemiology, 2019
8. Brianna Ericson (MPH), Epidemiology
9. Amaka Ume (MPH), Design, Monitoring and Evaluation, 2018 (Schiffer Fellow for CE)
10. Nivstha Kanaan (MPH), Design, Monitoring and Evaluation, 2018
11. Molly Sanborn (MPH), Global Health Epidemiology, 2018
12. Danielle Rainis (MPH), Global Health Epidemiology, 2018
13. Kemi Ogunbiyi (MPH), Global Health Epidemiology, 2018
14. Sarah Martinez (MPH), Global Health Epidemiology, 2018 (Presented at GW Research Day, 2018)
15. Sarah Luciano (MPH), Global Environmental Health, 2018 (Presented at GW Research Day, 2018, Published in ZPH 2020)
16. Shakira Gibbs (MPH), Global Health Epidemiology, 2018
17. Erin Anderson (MPH), Global Health Epidemiology, 2018
18. Ashley Hunt (MPH), Design, Monitoring and Evaluation, 2018 (Presented at GW Research Day, 2018)
19. Misha Siddique, (MPH), Maternal and Child, 2017
20. Cassidy Howell, (MPH), Design, Monitoring and Evaluation, 2017
21. Elizabeth Molina (MPH), Design, Monitoring and Evaluation, 2017
22. Tekuam Tiruneh (MPH), Design, Monitoring and Evaluation, 2016
23. Cindy Kwan (MPH), PCH-Maternal Child Health, 2016 (Presented at NWA 2016)
24. Michael Paula (MPH), Design, Monitoring and Evaluation, 2016
25. LaShann Selby (MPH), Design, Monitoring and Evaluation, 2016
26. Kimia Ramezani (MPH), Design, Monitoring and Evaluation, 2016
27. Christy Edwards (MPH), Design, Monitoring and Evaluation, 2015
28. Katherine E. Cobb (MPH), Design, Monitoring and Evaluation, 2015
29. Young Nelson (MPH), Design, Monitoring and Evaluation, 2015
30. Esther Aranda (MPH), Design, Monitoring and Evaluation, 2015, (Presented at Consortium for Global Health Conference, 2015 and GW Research Day 2015)
31. Evelyn Murrillo (MPH), Design, Monitoring and Evaluation, 2014, (Presented at PAHO 2014)
32. Ashley Kallarakal (MPH), Global Health Communication, 2014, (Presented at GW Research Day, 2014)
33. Ifeoma Ikwuemesi (MPH), Design, Monitoring and Evaluation, 2014 (Presented at GW Research Day, 2014)

34. Emnet Ebera (MPH), Design, Monitoring and Evaluation, 2014
(Presented at Consortium for Global Health Conference, 2014)
35. Violetta Yevstigneyeva (MPH), Design, Monitoring and Evaluation, 2014
(Presented at GW Research Day, 2013 and at the American Society for Tropical Medicine and Hygiene Conference, Fall 2013)
36. Ghenet Besera (MPH), Design, Monitoring and Evaluation, 2013
(Presented at GW Research Day, 2013, at APHA 2013, Publication IJGO 2014)
37. Rosemarie DiPeppi (MPH), Design, Monitoring and Evaluation, 2013
(Presented at GW Research Day, 2013, Published Paper JHC 2017)
38. Chiara Davis (MPH), Global Health Communication, 2013
39. Jennifer Katz (MPH), Global Health Communication, 2013
40. Steven Jacobs (MPH), Global Health Policy, 2013
41. Mira Thompson (MPH), Design, Monitoring and Evaluation, 2013
42. Mary Mikhail (MPH), Design, Monitoring and Evaluation 2013 (Presented at PAHEF, 2012)
43. Elizabeth Jenkins (MPH/MA), Design, Monitoring and Evaluation, 2013
44. Ilana Seff (MPH), Design, Monitoring and Evaluation, 2013
45. Angela Matysiak (MPH), Design, Monitoring and Evaluation, 2012
46. Ashley Rowe (MPH), Design, Monitoring and Evaluation, 2012
47. Marquesa Finch (MPH), Design, Monitoring and Evaluation, 2012
(Presented at UCLA Research Day)
48. Soma Goshal (MPH), Design, Monitoring and Evaluation, 2012 (Presented at GW Research Day, 2012, published in Journal of Health Communication)
49. WonGyu (Lewis) Kim (MPH), Design, Monitoring and Evaluation, 2012
(Presented at GW Research Day, 2012)
50. Alex Gentile (MPH), Design, Monitoring and Evaluation, 2012 (Did not complete)
51. Jennifer Kwayke (MPH), Design, Monitoring and Evaluation, 2012
52. Jerusha Murgun (MPH), Global Health Policy, 2012
53. Christina Vernon (MPH), Design, Monitoring and Evaluation, 2012
(Presented at GW Research Day, 2012)
54. Jennifer Marsh (MPH), Design, Monitoring and Evaluation, 2012
55. Placida Martinez (MPH), Design, Monitoring and Evaluation, 2012
56. Ekaterina (Katya) Noykhovich (MPH), Design, Monitoring and Evaluation, 2012 (Presented at GW Research Day, 2012, published Journal of Urban Health Journal 2018)
57. Nisha Puntambekar (MPH), Design, Monitoring and Evaluation, 2012
(Presented at GW Research Day, 2012, published in West Indian Medical Journal)
58. Debora Weiss (MPH), Design, Monitoring and Evaluation, 2011
59. Robert Fathke (MPH), Design, Monitoring and Evaluation, 2011
60. Chelsea Ducharme (MPH), Design, Monitoring and Evaluation, 2011
61. Sara Rubin (MPH), Global Health Communication, 2011 (published Journal of Health Communications)

Doctoral advising

(at George Mason)

Doctoral dissertation/primary thesis advisor (name, degree program, year)

1. Kevin Cevasco (PhD), Epidemiology, Research supervisor, Spring 2021
2. Kimberly McNally (PhD), Social Behavioral Sciences, Spring 2021

Doctoral dissertation/research committee member (name, degree program, year)

started)

1. Emma Von Hoene, PhD in Geography, Fall 2023
2. Francesca Mireku, PhD in Geography, Fall 2022
3. Juanita Corea, PhD in Geography, Fall 2022
4. Malik Hussain, PhD in Economics, Spring 2022
5. Anita Tadakamalla, PhD in Computer Science, Fall 2021

Doctoral student advisor (as Program Director of the PhD in Public Health Program at Mason, Spring 2021-Summer 2022)

1. Sarah Cheyu Zhang, (PhD), Epidemiology, Fall 2021
2. Meghana Varde, (PhD), Epidemiology, Fall 2021
3. Lauren Elaine Cooper Russel, (PhD), Social Behavioral Sciences, Fall 2021
4. Julia Mandeville, (PhD), Social Behavioral Sciences, Fall 2021
5. Joanna Marroquin, (PhD), Epidemiology, Fall 2021
6. Kevin Cevasco (PhD), Epidemiology, Research supervisor, Spring 2021
7. Kimberly McNally (PhD), Social Behavioral Sciences, Spring 2021
8. Grace Nyambura (PhD), Social Behavioral Sciences, Spring 2021
9. Amaraka Orji (PhD), Epidemiology, Spring 2021
10. Rachel Morisson Epidemiology, Spring 2021
11. Jessica Reilly (PhD), Social Behavioral Sciences, Spring 2021

(outside of Mason)

Doctoral committee member

1. Nicole Moody, (DNP), School of Nursing, The Catholic University of America, Fall 2023-Present
2. (as chair) Lindsay Morton, DrPH in Global Health at the George Washington University, 2018-Present

(at GW)

Doctoral dissertation/primary thesis advisor (name, degree program, year)

1. Deise Galan, DrPH in Environmental and Occupational Health, 2014-2021
2. Jennifer Schindler-Ruwisch, DrPH in Health Behavior, 2016-2018
3. Tova Tampe, DrPH in Global Health, 2008-2016
4. Catherine Nichols, DrPH in Global Health, 2012-2018

Doctoral dissertation/research committee (name, degree program, year)

6. Daniel Park, PhD in Epidemiology, 2016-2018
7. Mitsuaki Hirai, DrPH in Global Health, 2012-2016
8. Sean Allen, DrPH in Health Behavior, 2012-2015

Doctoral preliminary oral examination (name, degree program, year)

1. Tova Tampe, DrPH in Global Health, 2008-2016
2. Catherine Nichols, DrPH in Global Health, 2012-2018
3. Mitsuaki Hirai, DrPH in Global Health, 2012-2016
4. Sean Allen, DrPH in Health Behavior, 2012-2015
5. Jennifer Schindler-Ruwisch, DrPH in Health Behavior, 2016-2018
6. Deise Galan, DrPH in Environmental and Occupational Health, 2014-2020

Doctoral thesis reader/final oral examination (name, degree program, year)

1. Cudjoe Bennett, DrPH in Global Health, 2016
2. Ghada Khan, DrPH in Health Behavior, 2018

Doctoral student advisor (as Program Director of the DrPH in Global Health Program)

2018 entering cohort

Rebecca Dutton

Lindsay Morton (Instructor for DrPH Research Leadership Credit, Spring 2019, Fall 2019)
 Bobbi Snowden (Instructor for DrPH Research Leadership Credit, Spring 2019)
 Maureen Murphy
 Marc Cunningham
 Mohammad Khalaf
 Lior Miller
 2016 entering cohort
 Noah Bartlett
 Chulwoo Parks (committee co-chair)
 Esther Aranda
 2014 entering cohort
 Syed Shabab Wahid (Instructor for DrPH Research Leadership Credit, Spring 2019)
 Wubin Xie (presided over defense)
 2012 entering cohort
 Mitsuaki Hirai (committee member)
 Catherine Nichols (committee chair) (Instructor for DrPH Research Leadership Credit, Spring 2019)
 Wangechi Irene Thuo (presided over defense)
 Ronald Mutasa (presided over defense)
 Niharika Bhattarai
 2010 entering cohort
 Emily Peca (presided over defense)
 Samantha Keith Ski (presided over defense)
 Cudjoe Bennett (dissertation reader) (Instructor for DrPH Research Leadership Credit, Spring 2019)
 Pierre Pratley
 Derek Licina (presided over defense)
 2008 entering cohort
 Sorrel Namste (presided over defense)
 Tova Tampe (committee chair)

Visiting faculty recruited/hosted

Mohammad Obaidat, DVM, PhD, MS, DACVPM, CIFLR (Fulbright Scholar 2017-2018)

Postdoctoral fellows mentored

NONE

Supervision of students in internships, practicum experience, mentored research, research assistantships

(at George Mason)

1. Bryanda Guadalupe Amillano Meza (MPH), Epidemiology, Research supervisor, Fall 2023-Present
2. Sadikshya Thapa (MPH), Epidemiology, Research supervisor, Fall 2023-Present
3. Marylyn Yalta (MPH), Epidemiology, Research supervisor, Summer 2023
4. Yongwon "Ian" Lee. (High School Student, ASSIP intern) (co-mentor). Summer 2023.
5. Shivani Achuthan. (High School Student, returning ASSIP intern) (co-mentor). Summer 2023.
6. Babiha Bakshi. (High School Student, ASSIP intern). Summer 2023.

7. Alisyn Lam. (College of William and Mary undergraduate student, ASSIP intern) (co-mentor). Summer 2023.
8. Caroline Andrews (BS), Public Health, Research supervisor, Spring 2023
9. Shivani Achuthan. (High School Student, ASSIP intern) (co-mentor). Summer 2022.
10. Nethra Ganesh. (High School Student, ASSIP intern) (co-mentor). Summer 2022.
11. Lily Watson (Vassar College, ASSIP intern) (co-mentor). Summer 2022.
12. Emma Von Hoene (MS), Geography, (co-mentor). Fall 2022-Summer 2023.
13. Ryan Shelton (MPH), Epidemiology, Research supervisor, Fall 2022-Spring 2023
14. Laura Henderson (MPH), Epidemiology, Research supervisor, Spring 2021-Fall 2022
15. Naren Durbha (MPH), Health Informatics, Research supervisor, April 2020 to Summer 2022 (add pubs and presentations)
16. Yumna Khalid (MPH), Epidemiology, Research supervisor, Spring-Summer 2021
17. Tatum McKay (MPH), Epidemiology, Research supervisor, Fall 2020-Spring 2021

(at GW)

18. Deise Galan (DrPH), Environmental Occupational Health, Research supervisor, Spring 2019
19. Lindsay Morton (DrPH), Global Health, Research supervisor, Spring 2019 (Presented at Research Day April 2019, 2nd place award)
20. Bobbi Snowden (DrPH), Global Health, Research supervisor, Spring 2019
21. Conor Skelton (MPH), Epidemiology, Practicum supervisor, Spring 2019
22. Julie Davis (MPH), Global Health Epidemiology, Research supervisor, Fall 2018-Summer 2019 (Presented at Research Day April 2019, 2nd place award)
23. Paige Craig (MPH), Epidemiology, Practicum supervisor, Summer 2018
24. Cosette Audi (MPH), Epidemiology, Practicum supervisor, Summer 2018
25. Lorena Segarra (MPH), Epidemiology, Practicum supervisor, Summer 2018
26. Courtney Irwin (MPH), Epidemiology, Practicum supervisor, Summer 2018
27. Paige Schoenberg, Undergraduate Public Health and Honors Program Thesis Advisor, Spring 2018
28. Brianna Ericson (MPH), Epidemiology, CE Field Supervisor, Spring 2018
29. Stephanie Neal (MPH), Epidemiology, CE Field Supervisor, Spring 2018
30. Sophia Wozny (MPH), Epidemiology, CE Field Supervisor, Spring 2018
31. Carolyn (Ro) Steiner (MPH), Epidemiology, CE Field Supervisor, Spring 2018
32. Lindsey Goodard (MPH), Epidemiology, CE Field Supervisor, Spring 2018
33. Hayden Goodsir (MPH), Epidemiology, CE Field Supervisor, Spring 2018
34. Veronica Leach (MPH), Design, Monitoring and Evaluation, Mentored Research, Spring 2018
35. Stephanie McKay (MPH), Design, Monitoring and Evaluation, Mentored Research, Spring 2018
36. Janelle Cruz (MPH), Design, Monitoring and Evaluation, Mentored Research, Spring 2018
37. Ian Sorenson (MPH), Epidemiology, Mentored Research, Fall 2017
38. Kimesha Linton (MPH), Epidemiology, Mentored Research, Fall 2017
39. Chelsea Hansen (MPH), Epidemiology, CE Field Supervisor, Fall 2017
40. Jessica Kim (MSPH), Epidemiology, CE Field Supervisor, Spring 2017
41. Julianna Fadare (MPH), Design, Monitoring and Evaluation, Mentored Research, Spring-Summer 2017

42. Danielle Rainis (MPH), Global Health Epidemiology, Mentored Research, Spring-Summer 2017
43. Amaka Ume (MPH), Global Health Epidemiology, Mentored Research, Spring-Summer 2017
44. Catherine Beach (MPH), Global Health Epidemiology, Mentored Research, Spring-Summer 2017
45. Lindsey Goodard (MPH), Epidemiology, Mentored Research, Spring-Summer 2017
46. Chelsea Hansen (MPH), Epidemiology, Mentored Research, Spring-Summer 2017
47. Cassidy Howell (MPH), Health Policy, Mentored Research (RA), Spring-Summer 2016
48. Alejandra Meza (MPH), Design, Monitoring and Evaluation, Mentored Research (RA), Spring-Summer 2016
49. Samantha Brew (BA), Elliott School Research Advising, Summer to Fall 2016
50. Sarah Sawyer (BS), Elliott, Honors Student, Occupational health Risk Factors for Schistosomiasis (Presented at GW Research Day, 2015)
51. Thomas Barry (BS), Elliott School Research Advising, Mhealth programs in Senegal (Presented at GW Research Day, 2014)
52. Undergraduate Public Health Honors Program Thesis Advisor. Jordan Esmont Spring 2013
53. Global Health MPH student. Research Project. Esther Ligia Aranda. (Presented at GW Research Day, 2013)
54. Cudjoe Bennet (DrPH), Global Health, Mentored Research, Spring 2012

Students/Trainees external to primary appointment (2020-Present Mason, 2010-2019 GW)

55. Lindsay Morton, George Washington University, 2019-2022
56. Deise Galan, George Washington University, 2019-2021
57. Joy Vaz, MS student, University of Georgia, 2019-2020
58. Heather Bernardo, DVM, MPH student, University of Illinois, June 2018
59. Laura Skrip, Yale University, PhD Student, Reader for Dissertation, May 2017
60. Corey Watts, DVM, MPH, Camels and emerging zoonotic disease, post-doc experience, Summer 2016 to Summer 2017
61. Shangir Siddique, MPHc, University of Texas Health Science Center, master's research experience, Summer-Fall 2016
62. Erva Khan, BS, Georgetown University, Honors Student, Breastfeeding among WIC populations in DC, (Presented at Georgetown Research Day, 2015)
63. Benjamin Monroe, Field advisor for MPH student at Emory University, Rollins School of Public Health. Master's thesis project: Predicting the ecological niche and geographic distribution of tanapox infection. (Presented at Emory University Research Day) and Supervisor for MPH work study student, from Emory University, Rollins School of Public Health (Published in PLoS-NTDs), Oct 08- June 2010
64. Erin Kennedy, Supervisor for MA student at American University, Washington, D.C. Project: Use of video-centered education and communication tools in Central Africa. (Presented at APHA 2012, Published in JHC 2017), Nov 08- Aug 09
65. Elizabeth Davies, Field advisor for MPH student at University of Virginia School of Medicine. Master's thesis project: Vaccinia infection case with no known exposures-- Virginia, 2008. (Published in MMWR), Aug 08- May 09

14) **Public Health Practice Portfolio** (List agency, duration of participation, amount of effort and role on project. Specify whether involvement was paid or unpaid, and

whether your involvement was at regional, national or international level. In reverse chronological order.)

a) **Participation on Advisory Panels**

OFDA Roundtable NGO and Implementing Agency Lessons from the 2014-2015 West Africa Outbreak of Ebola Virus Disease, May 2017

Invited to participate at FAO's roundtable discussion on building "One Health" partnerships. Sponsored by the American Association of Veterinary Medical Colleges. March 2015. (unpaid)

GWU SPH. Dean's Panel on Ebola Response, October 2014.

Invited to moderate panel on Non-Communicable Diseases, Sponsored by Results for Development, November 2012

b) **Program or Project Development (all pro bono)**

Establishing educational collaboration with Smithsonian Global education program to build practicum opportunities with GW

DC Department of Health, WIC Program. January 2015-Present, 2%, Advising on development of mhealth enhanced breastfeeding peer-counseling program, unpaid, Regional and National.

DC Department of Health, Fall 2014. Drafted hospital protocol for Ebola response.

c) **Consultations**

DC Breastfeeding Coalition. Evaluating impact of DC Health interventions on health behaviors. 9/23 to Present. Paid

Invited consultant about COVID-19 safety. Federal and local court systems. 2020-2021. Paid

Various Federal and local courts. Consulting on safe resumption of in-person activities during the COVID-19 pandemic. 6/20 to Present. Paid

Various K-12 institutions. Consulting on safe resumption of in-person activities during the COVID-19 pandemic. 6/20 to Present. Unpaid

Various Private Employers. Consulting on safe resumption of in-person activities during the COVID-19 pandemic. 6/20 to Present. Paid

Invited consultant to give a lecture about Ebola to health care workers. DC CARE. 10/14. Paid

d) **Testimony**

Numerous at the DCG Council Hearings as part of the DC Breastfeeding Coalition

e) **Clinical Practice Activities**

f) **Governmental (e.g., IPA) Assignments**