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Epidemiology and Statistics  
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## EDUCATION

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2010 Ph.D.	University of Washington Epidemiology
2004 M.S.	University of Washington Epidemiology
2004 Certificate in International Health	University of Washington
1998 B.A.	Cornell University, New York Distinction, Neurobiology and Behavior; Concentration in Cognitive Science

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## TEACHING POSITIONS

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2017 – Present San Diego State University	Associate Professor Division of Epidemiology and Biostatistics
2017 – Present University of California, San Diego	Associate Member, Moores Cancer Center
2017 – Present University of California, San Diego	Member, Clinical & Translational Research Institute
2017 – Present University of Arizona, Tucson, AZ	Affiliate Associate Professor Department of Epidemiology and Biostatistics
2017 – Present University of Arizona, Tucson, AZ	Proposed Mentor, NIH NIA T32 Training Grant Inflammation and Immunity, Department of Immunobiology
2016 – Present University of Arizona Cancer Center	Affiliated Faculty Psychology Health Track

2015 – Present University of Arizona, Tucson, AZ	Assistant Professor School of Geography and Development (NTE)
2014 – Present University of Arizona, Tucson, AZ	Affiliated Faculty Graduate Interdisciplinary Program
2013 – Present University of Arizona, Tucson, AZ	Affiliated Faculty Institute of the Environment
2013 – 2017 University of Arizona, Tucson, AZ	Assistant Professor, TE Department of Epidemiology and Biostatistics, Mel and Enid Zuckerman College of Public Health
2011 – Present University of Washington	Affiliate Assistant Professor Department of Epidemiology and Health Services
2008 – 2012 Curry International TB Center, San Francisco	Faculty Epidemiology

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## PROFESSIONAL GROWTH

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### Book Chapters

1. **Oren E.** and McDermid, J. (2017) Tuberculosis. In: Taren D, de Pee S, Bloem M (Eds.) *Nutrition and Health in a Developing World*. Springer, New York: 385-412.
2. **Oren E.** (2016) Health Disparities and Tuberculosis. In: Gerald LB, Berry CE (Eds.) *Health Disparities in Respiratory Medicine*. Springer, New York: 207-235.

### Refereed Journal Articles

1. Global Burden of Disease Study 2016 Collaborators, including **Oren E.** Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 2017. 390 (10100): 1345-1422.
2. Global Burden of Disease Study 2016 Collaborators, including **Oren E.** Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 2017. 390 (10100): 1260-1344.
3. Global Burden of Disease Study 2016 Collaborators, including **Oren E.** Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 2017. 390 (10100): 1211-1259.
4. Global Burden of Disease Study 2016 Collaborators, including **Oren E.** Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 2017. 390 (10100): 1151-1210.
5. Global Burden of Disease Study 2016 Collaborators, including **Oren E.** Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 2017. 390 (10100): 1084-1150.

6. Global Burden of Disease Study 2016 Collaborators, including **Oren E**. Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. *The Lancet*, 2017. 390 (10100): 1423-1459.
7. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Global, regional, and national deaths, prevalence, disability-adjusted life years, and years lived with disability for chronic obstructive pulmonary disease and asthma, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet Respir Med*. 2017 Aug 16. pii: S2213-2600(17)30293-X. doi: 10.1016/S2213-2600(17)30293-X
8. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Burden of lower respiratory infections in the Eastern Mediterranean Region between 1990 and 2015: Findings from the Global Burden of Disease 2015 study. *International Journal of Public Health*, 2017. doi: 10.1007/s00038-017-1007-0
9. Driscoll L, Harris R, Brown HE, **Oren E**. Population Knowledge, Attitude and Practice regarding *Helicobacter pylori* Transmission and Outcomes: A Literature Review. *Frontiers in Public Health*, 2017. 5:144. doi: 10.3389/fpubh.2017.0014
10. \*\*Murakami T, Scranton R, Brown H, Harris RB, Chen Z, Musuku S, **Oren E**. Management of *Helicobacter Pylori* in the United States: Results from a National Survey of Gastroenterology Physicians. *Preventive Medicine*, 2017. 100: 216-222.
11. Global Burden of Disease Study 2015 Collaborators, including Oren E. Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory tract infections in 195 countries: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet Infectious Diseases*, 2017. pii: S1473-3099(17)30396-1.
12. **Oren E**, Bell ML, Garcia F, Perez-Velez C, Gerald LB. Promoting Adherence to Treatment for Latent TB Infection through Mobile Phone Text Messaging: Study Protocol for a Pilot Randomized Controlled Trial. *Pilot and Feasibility Trials*, 2017. 3(15) DOI: 10.1186/s40814-017-0128-9.
13. \*\*Osuchukwu O, Blust R, Nuñez M, Ehiri J, Rosales C, Hawkins E, Aviles J, Gonzalez-Salazar F, Oren E. Acceptability of Latent Tuberculosis Infection Screening among Migrant Farmworkers in Yuma-San Luis, Arizona. *International Migration*, 2017. 55(5): 62-74.
14. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Healthcare Access and Quality Index based on mortality from causes amenable to personal healthcare in 195 countries and territories, 1990–2015: a novel analysis from the Global Burden of Disease 2015 study *Lancet*, 2017. 390 (10091):231–66, doi: 10.1016/S0140-6736(17)30818-8.
15. Jamil SM, **Oren E**, Garrison GW, Srikanth S, Lewinsohn DM, Wilson KC, Thomson CC. Clinical Practice Guideline: Summary for Clinicians - Diagnosis of Tuberculosis in Adults and Children. *Annals of the American Thoracic Society*, 2017. 14(2): 275-8.
16. \*\*Kohler LN, Hibler EA, Harris RB, **Oren E**, Roe DJ, Jurutka PW, Jacobs ET. Greater adherence to cancer prevention guidelines is associated with higher circulating concentrations of vitamin D metabolites in a cross-sectional analysis of pooled participants from two chemoprevention trials. *Journal of Nutrition*, 2017. doi: 10.3945/jn.116.243352  
\* Featured as Editor’s Choice, 147(3)
17. Malo J, Holbrook E, Zangeneh T, Strawter C, **Oren E**, Robey I, Erickson H, Chahal R, Durkin M, Thompson C, Hoover S, Ampel NM, Wheat J, Knox K. Enhanced antibody detection and diagnosis of coccidioidomycosis with the Miravista IgG and IgM antibody enzyme immunoassay *Journal of Clinical Microbiology*, 2017. 55: 1-9.
18. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Global, regional and national cancer incidence, mortality, years of life lost, years lived with disability and disability-adjusted life years for 32 cancer groups, 1990 to 2015: a systematic analysis for the Global Burden of Disease Study 2015. *JAMA Oncology*, 2016. doi:10.1001/jamaoncol.2016.5688
19. **Oren E**, Fiero M, Nuñez M, Barrett E, Hawkins E, Gonzalez-Salazar F. Detection of latent tuberculosis infection among migrant farmworkers. *BMC Infectious Diseases*, 2016. 16:630

DOI 10.1186/s12879-016-1959-3

20. Bime C, Fiero M, Lu Z, **Oren E**, Berry CE, Parthasarathy S, Garcia JGN. High Positive End Expiratory Pressure is Associated with Improved Survival in Obese Patients with Acute Respiratory Distress Syndrome. *American Journal of Medicine*, 2016. <http://dx.doi.org/10.1016/j.amjmed.2016.09.029>
21. **Oren E**, Gerald LB, Stern DA, Martinez FD, Wright AL. Self-reported Stressful Life Events during Adolescence and Asthma. *JACI In Practice*, 2016. pii: S2213-2198(16)30416-0. doi: 10.1016/j.jaip.2016.09.019
22. \*\*Hansen V, **Oren E**, Dennis L, Brown, H. Infectious Disease Mortality Trends in the United States. *JAMA*, 2016. 316 (20): 2149-51.
23. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Global, regional, and national levels of maternal mortality, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 2016. 388 (10053): 1775-812.
24. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 2016. 388 (10053): 1725-74.
25. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 2016. 388 (10053): 1603–58.
26. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Global, regional and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 195 countries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 2016. 388 (10053): 1659-724.
27. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Global, regional, and national life expectancy, all-cause and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 2016. 388 (10053): 1459–544.
28. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Measuring the health-related Sustainable Development Goals in 188 countries: A baseline analysis from the Global Burden of Disease Study 2015. *The Lancet*. 2016. 388 (10053): 1813-1850.
29. Global Burden of Disease Study 2015 Collaborators, including **Oren E**. Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980–2015: the Global Burden of Disease Study 2015. *The Lancet HIV*, 2016. 3(8): e361-87.
30. Mitnick CD, Rodriguez CA, Hatton ML, Brigden G, **Oren E** et al. Programmatic Management of Drug-Resistant Tuberculosis: An Updated Research Agenda. *Plos One*. 2016. 11(5):e0155968.
31. \*\* Kohler LN, Garcia DO, Harris RB, **Oren E**, Roe DJ, Jacobs ET. Adherence to Diet and Physical Activity Cancer Prevention Guidelines and Cancer Outcomes: A Systematic Review. *Cancer Epidemiology, Biomarkers and Prevention*. 2016. 25(7): 1018-1028.
32. \*\*Fiero M, Huang S, **Oren E**, Bell ML. Statistical analysis and handling of missing data in cluster randomized trials: a systematic review. *Trials*. 2016; 17 (72). DOI: 10.1186/s13063-016-1201-z  
\* Featured Article
33. Li Y, Ehiri J, Hu D, **Oren E**, Cao J. Framework of behavioral indicators for outcome evaluation of TB health promotion: a Delphi study of TB policy makers and health workers. *Infectious Diseases of Poverty*. 2015; 4(1). DOI:10.1186/s40249-015-0087-4
34. \*\*Bui D, Harris RB, Brown H, **Oren E**. The Association between *Helicobacter pylori* and Hepatitis A in the United States: Serologic Evidence for Fecal-oral Transmission of *H. pylori* from the National Health and Nutrition Examination Surveys. *American Journal of Tropical Medicine & Hygiene*, Published online November 23, 2015; DOI:10.4269/ajtmh.15-0297.
35. **Oren E**, Alatorre-Isaguirre G, Vargas-Villareal J, Moreno Trevino M, Garcialuna-Martinez J,

- Gonzalez-Salazar F. Interferon gamma-based detection of latent tuberculosis infection in the border states of Nuevo Leon and Tamaulipas, Mexico. *Frontiers in Public Health*. 2015; September 30. <http://dx.doi.org/10.3389/fpubh.2015.00220>.
36. **Oren E**, Rothers J, Stern, DA, Halonen M, Wright AL. Cough duration during infancy is associated with childhood asthma. *Clinical & Experimental Allergy*, 2015. 45(9): 1439-1446. DOI: 10.1111/cea.12573  
\* Featured as Editor's Choice, *Clinical & Experimental Allergy*, 2015. 45(9)
  37. **Oren E**, Narita M, Nolan C, Mayer J. Neighborhood socioeconomic position and tuberculosis transmission: a retrospective cohort study. *BMC Infectious Diseases*, 2014.14:227.
  38. Colvin C, Mugyabuso J, Munuo G, Lyimo J, **Oren E**, et al. Evaluation of community based interventions to improve TB case detection in Tanzania. *Global Health: Science and Practice*, 2014. 2(2): 219-225.
  39. Oppong J, Mayer J, **Oren E**. The Global Health Threat of African Urban Slums: The Example of Urban Tuberculosis. *African Geographical Review*, 2014. DOI: 10.1080/19376812.2014.910815
  40. Haenchen S\*\*, Jacobs B, Pottinger H, **Oren E**, Ernst K. Perceptions of Personal Belief Vaccine Exemption Policy: A Survey of Arizona Vaccine Providers. *Vaccine*, 2014. DOI: 10.1016/j.vaccine.2014.04.081
  41. Li Y, Ehiri J, **Oren E**, Hu D, Luo X, Liu Y, Wang Q. Are we doing enough to stem the tide of acquired MDR-TB in countries with high TB burden? Results of a mixed method study in Chongqing, China. *PLOS One*, 2014. 9(2):e88330.
  42. Campo M, Shrestha A, **Oren E**, Thiede H, Duchin J, Narita M, Crothers K. Characterization of Hepatitis C Co-infected Tuberculosis Patients in an Urban City in the US. *Epidemiology and Infection*, 2013. Sep 25:1-8.
  43. \***Oren E**, Narita M, Nolan C, Mayer J. The role of area-level socioeconomic disadvantage on severe pulmonary tuberculosis: U.S., 2000-2008. *Public Health Reports*, 2013; 128: 99-109.
  44. Lindquist S, Ghosh-Chatterjee S, Field K, Allen S, Narita M, **Oren E**. Public Health Prioritization of TB Genotype Clusters. *Emerging Infectious Diseases*, 2013; 19(3): 493-495.
  45. Horne D, Campo M, Arentz M, **Oren E**, Crothers K, Narita M. Association between Smoking and Latent Tuberculosis in the U.S. Population. *PLOS One*, 2012;7(11):e49050.
  46. \***Oren E**, Koepsell T, Leroux B, Mayer J. Area-based Socioeconomic Disadvantage and Tuberculosis Incidence. *International Journal of the Union against TB and Lung Disease*, 2012; 16(7):880-5.
  47. Barry PM, Shaw T, **Oren E**, Field K, Funk E, Langer AJ, Gardner TJ. Multistate Outbreak of Multidrug-Resistant Tuberculosis Identified by Genotype Cluster Investigation among Foreign-Born Seafood Production Workers. *Emerging Infectious Diseases*, 2012; 18(1): 113-116.
  48. **Oren E**, Winston CA, Pratt R, Robison VA, Narita M. Epidemiology of Urban Tuberculosis in the United States, 2000-2007. *American Journal of Public Health*. 2011; 101:1256-1263.
  49. Horne D, **Oren E**, Spitters CE, Johnson C, Narita M. How Soon can Smear Positive Tuberculosis Patients be Released from Inpatient Isolation? *Infection Control and Hospital Epidemiology*. 2010; 31(1): 78-84.
  50. Parimon T, Spitters CE, Muangman N, Euathrongchit J, **Oren E**, Narita M. Unexpected Pulmonary Involvement in Extrapulmonary Tuberculosis Patients. *Chest*. 2008; 134(3): 589-594.
  51. Ashworth M, Horan KL, Freeman R, **Oren E**, Narita M, Cangelosi GA. Use of PCR-based *Mycobacterium tuberculosis* Genotyping to Prioritize Tuberculosis Outbreak Control Activities. *Journal of Clinical Microbiology*. 2008; 46(3):856-862.
  52. Oeltmann JE, **Oren E**, Haddad MB, Lake LK, Harrington T, Ijaz K, Narita M. Tuberculosis Outbreak in Marijuana Users, Seattle, Washington, 2004. *Emerging Infectious Diseases*. 2006; 12(7):1156-1159.
  53. \***Oren E**, Smith NL, Doggen CJ, Heckbert SR, Lemaitre RN. Body mass index and the risk of venous thrombosis among postmenopausal women. *J Thromb Haemost*. 2006 Oct;4(10):2273-5
  54. Freeman R, Kato-Maeda M, Hauge KA, **Oren E**, Narita M, Wallis CK, Nolan C, Small PM, Cangelosi GA. Use of Rapid Genomic Deletion Typing to Monitor a Tuberculosis Outbreak within an Urban Homeless Population. *Journal of Clinical Microbiology*. 2005; 43(11):5550-5554.

55. Phillips KA, Stotland NE, Liang SY, Spetz J, Haas JS, **Oren E**. Out-of-pocket Expenditures for Oral Contraceptives and Number of Pill Packs Obtained per Purchase. *Journal of the American Women's Medical Association*. 2004;59(1):36-42.
56. **Oren E**, Shaffer ER and Guglielmo BJ. Impact of Emerging Technologies Upon Medication Errors and Adverse Drug Events: A Review of the Evidence. *American Journal of Health-System Pharmacists* 2003; 60:1447-1458.
57. **Oren E**, Griffiths LP and Guglielmo BJ. Demographics of Antimicrobial Overrides Associated with Automated Dispensing Machines. *American Journal of Health-System Pharmacists* 2002; 59 (15): 1445-1448.
58. **Oren E**, McCart G, Phillips KA. Evaluating the Potential Impact of Pharmacogenomics on ADRs: A Subject Review. *Journal of Managed Care Pharmacy* 2002; 8 (4): 285-290.
59. Phillips KA, Veenstra DL, **Oren E**, Lee JK and Sadee WS. The Potential Role of Pharmacogenomics in Reducing Adverse Drug Reactions: A Systematic Review. *JAMA* 2001; 286 (18): 2270-2279.

\* Indicates articles from thesis/dissertation

\*\* Publication's first author is a current or former graduate student advisee

### Refereed Published Abstracts

1. **Oren E**, Garcia D, Barrett E, Gonzalez-Salazar F. Novel case management strategy for latent tuberculosis infection among migrant farmworkers. *IJTL* 2016; 20(11), S215
2. Strawter C, Chahal R, Song K, **Oren E**, Knox, K. Procalcitonin Levels In Different Presentations Of Coccidioidomycosis. *Am J Respir Crit Care Med* 2016; 192, A2084
3. **Oren E**, Combs D, Fisher J, Goodwin JL, Billheimer D, Gerald JK, Clemens C, Brown M, Gerald LB. Impact Of Supervised Asthma Medication Use On Sleep Outcomes Of Elementary School Children. *Am J Respir Crit Care Med* 2016; 192, A5607
4. Holbrook ED, Zangeneh T, Malo J, Strawter C, **Oren E**, Robey I, Erickson H, Chahal R, Thompson C, Ampel NM, Wheat LJ, Knox K. Development of an Improved Antibody Detection Enzyme Immunoassay for Use in Detection of Coccidioidomycosis. *Open Forum Infectious Diseases* 2016; 2, S110.
5. \*\* Osuchukwu OO, **Oren E**. Acceptability of latent tuberculosis testing among migrant farmworkers along the US-Mexico border. *Annals of Global Health*. 2015 Feb 28;81(1):7
6. \*\*Bui D, Harris RB, Brown H, **Oren E**. The Association between *Helicobacter pylori* and Hepatitis A in the United States: Serologic Evidence for Fecal-oral Transmission of *H. pylori* from the National Health and Nutrition Examination Surveys, 2000-2008. *American Journal of Epidemiology* 2015; 171, S241
7. Ghazala L, Bime C, Cortopassi F, Baalachandran R, **Oren E**, Berry CE. Inhaler Device Preferences in Older Adults with Chronic Lung Disease. *Am J Respir Crit Care Med* 2015; 191, A5797
8. Bime C, **Oren E**, Fiero M, Parthasarathy S, Garcia JGN. High Versus Low Peep and ARDS Survival: Is There Effect Modification By BMI? *Am J Respir Crit Care Med* 2015; 191, A3644
9. **Oren E**, Gerald LB, Stern DA, Wright AL, Martinez FD. Self-Reported Stressful Life Events during Adolescence and Asthma. *Am J Respir Crit Care Med* 2015; 191, A97
10. \*\*Murakami T, Scranton, R, Brown, H, Musuku, S, Chen Z, Harris, R, **Oren E**. A Survey of Screening and Treatment Practices for *Helicobacter pylori* in the United States. *Am J Gastroenterol* 2014; 109: S45
11. **Oren E**, Rothers J, Stern, DA, Halonen M, Wright AL. Cough duration during infancy is associated with childhood asthma. *Am J Respir Crit Care Med* 2014; 189, A3842
12. Campo M, Arentz M, **Oren E**, Crothers KA, Narita M, Horne DJ. Association between smoking and latent tuberculosis infection in the United States population. *Am J Respir Crit Care Med* 2012; 185, A2320

13. Shrestha A, **Oren E**, Thiede H, Duchin J, Narita M, Crothers K. Tuberculosis and Hepatitis C in King County 2000-2010. *Am J Respir Crit Care Med* 2012;185, A2332
14. \***Oren E**, Mayer J. Socioeconomic factors and tuberculosis incidence in Washington state. *American Journal of Epidemiology* 2011; 173, s50
15. \***Oren E**. Socioeconomic disadvantage and tuberculosis incidence in Washington state. *The Lancet* 2011, published online March 14, 98
16. **Oren E**. Spatial clustering among reported tuberculosis cases in Washington state, 2000-2008. *American Journal of Epidemiology* 2010; 171, S138
17. Phillips KA, Veenstra DL, **Oren E**, Lee JK and Sadee WS. Analyzing the clinical, economic, and policy impact of individualized medicine based on genetic information (“pharmacogenomics”). *Value in Health* 2002; 5 (3), 152

## Accepted Refereed Abstracts and Presentations

### Current Rank

1. “Race, ethnicity, socioeconomic status and site-specific risk for gastric cancer,” American Society for Preventive Oncology (submitted).
2. “Ethnic Disparities in Gastric Cancer Presentation and Screening Practice in the US: An Analysis of 1997-2010 SEER-Medicare Data,” American Society for Preventive Oncology (submitted).
3. \*\*“Structural, Sociocultural, and Individual Barriers to Alcohol Abuse Treatment Seeking: A Qualitative Study with Mexican Origin Men,” Society for Behavioral Medicine (submitted).
4. “Helicobacter pylori and Stomach Cancer: Assessing knowledge, attitudes, practices among Navajo people in Northern Arizona,” Navajo Nation Human Research Review Board Conference, Window Rock, 2017
5. “Symptom screening for active TB in pregnant women living with HIV: a systematic review,” Union World Conference on Lung Health, Guadalajara. 2017
6. \*\*“Respiratory Syncytial Virus tracking using Search Data,” Next Generation Informatics for Global Health: Digital Epidemiology and Disease Dynamics, Hong Kong. 2017.
7. “Hair biomarkers among middle-school children in relation to school stress and asthma,” Society for Behavioral Medicine, San Diego. 2017
8. \*\*”American Cancer Society Cancer Prevention Guidelines, Vitamin D Status, and Colorectal Adenoma,” American Society of Preventive Oncology, Seattle, 2017
9. “Novel Case Management strategy for Latent Tuberculosis Infection among Migrant Farmworkers,” Union World Conference on Lung Health, Liverpool. 2016
10. \*\*”Recent Infectious Disease Mortality Trends in the United States,” Epidemiology Congress of the Americas,” Miami. 2016.
11. “Development of an Improved Antibody Detection EIA for use in Detection of Coccidioidomycosis,” IDWeek, New Orleans, 2016.
12. “Development of an Improved Antibody Detection EIA for use in Identification of Coccidioidomycosis. Coccidioidomycosis Study Group,” Fresno. 2016
13. \*\* “Procalcitonin Levels in Different Presentations of Coccidioidomycosis,” American Thoracic Society, San Francisco. 2016
14. \*\*”Adherence to Diet and Physical Activity Cancer Prevention Guidelines and Cancer Outcomes: A Systematic Review,” 2nd Annual UACC Scientific Retreat. 2016.
15. “Impact of supervised asthma medication use on sleep outcomes of elementary school children,” American Thoracic Society, San Francisco. 2016
16. \*\*”Secular Trends for Peptic Ulcer Disease and Gastric Cancer in Arizona, 1993-2013,” 18th International workshop on Campylobacter, Helicobacter and related organisms. 2015
17. \*\*”Novel Methods to Predict Climate-Related Health Outcomes,” International Conference on Digital Disease Detection, Florence. 2015

18. “High Versus Low PEEP and ARDS Survival: Is There Effect Modification By BMI?” American Thoracic Society, Denver. 2015
19. \*\*Inhaler Device Preferences In Older Adults With Chronic Lung Disease,” American Thoracic Society, Denver. 2015
20. \*\*Self-reported Stressful Life Events during Adolescence and Asthma,” American Thoracic Society, Denver. 2015
21. \*\*Serologic Evidence for Fecal-oral Transmission of H. pylori,” Society for Epidemiologic Research, Denver. 2015
22. \*\*Acceptability of Latent Tuberculosis Testing Among Migrant Farmworkers in Yuma, Arizona,” International Union Against Tuberculosis and Lung Disease, Vancouver. 2015
23. “Latent Tuberculosis among Migrant Farm Workers,” International Union Against Tuberculosis and Lung Disease, Vancouver. 2015
24. \*\*Procalcitonin Measurement Utility in Coccidioidomycosis,” American Federation for Medical Research, Carmel. 2015
25. “A Survey of Screening and Treatment Practices for Helicobacter pylori in the United States,” American College of Gastroenterology, San Diego. 2014
26. “Cough duration during infancy is associated with childhood asthma,” American Thoracic Society, San Diego. 2014
27. \*\*The seasonality of coccidioidomycosis: predicting valley fever outbreaks in Arizona,” NASA Fellows Symposium, University of Arizona, Tucson. 2014
28. “Latent Tuberculosis in the United States and Mexico,” American Society for Tropical Medicine and Hygiene, New Orleans. 2014

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### Previous Rank

29. “Association between Smoking and Tuberculosis Infection in the United States Population,” American Thoracic Society, San Francisco. 2012
30. \* “A Targeted Testing Program Combined with 3 Months of Isoniazid and Rifampin in Seattle’s Homeless Population,” International Union Against Tuberculosis and Lung Disease, San Antonio. 2012 “Tuberculosis Treatment Course and Hepatitis C in King County 2000-2010,” American Thoracic Society, San Francisco. 2012
31. “Addressing psychosocial barriers for successful tuberculosis treatment completion among an at-risk population, King County, Washington,” International Union Against Tuberculosis and Lung Disease, San Antonio. 2012
32. \* “Molecular epidemiology and the spatial analysis of disease: the examples of M. tuberculosis and N. gonorrhoeae, Association of American Geographers, New York City. 2012
33. \*\*Area-based socioeconomic position and tuberculosis severity outcomes” Society for Epidemiologic Research, Epidemiologic Methodology, eMAC Web Meeting. 2011
34. \*\*Socioeconomic status, genotyping and tuberculosis transmission” International Medical Geography Symposium, Durham UK. 2011
35. “Socioeconomic disadvantage and tuberculosis incidence in Washington State” Society for Epidemiologic Research, Montreal. 2011
36. “Socioeconomic status and tuberculosis” Global Health Metrics & Evaluation, Seattle. 2011
37. \*\*TB Surveillance Data Quality Assurance Training and Implementation” National TB Conference, Atlanta. 2011
38. “A large tuberculosis outbreak in a homeless population spreading to the community — King County, Washington” International Union Against Tuberculosis and Lung Disease, Vancouver. 2011
39. “Refugee Testing for Latent Tuberculosis Infection Using QuantiFERON-Gold” International Union Against Tuberculosis and Lung Disease, Vancouver. 2011
40. “Multistate Outbreak of Multidrug-Resistant Tuberculosis among Foreign-Born Workers Identified by Genotype Cluster Investigation” International Union Against Tuberculosis and Lung Disease,

Vancouver. 2011

41. \*"Using surveillance data to guide patient care: Lessons learned from integrating the National TB Indicators Project into Cohort Review" American Public Health Association, Denver, 2010
42. \*"Lessons learned from integrating the National TB Indicators Project into Cohort Review" Washington State Annual Tuberculosis Meeting, Bremerton. 2010
43. "Spatial Clustering among Reported Tuberculosis Cases in Washington State, 2000–2008" Society for Epidemiologic Research, Seattle. 2010
44. "Multistate Outbreak of Multidrug-Resistant Tuberculosis among Foreign-Born Seafood Production Workers Identified by Genotype Cluster Investigation" National TB Controllers Association, Atlanta. 2010
45. "Public Health Prioritization of Genotype Clusters in Washington State" International Union Against Tuberculosis and Lung Disease, Orlando. 2010
46. \*"Collaborative TB Screening: Utilizing Novel Public Health Partnerships" National TB Controllers Association, Atlanta. 2008
47. \*"Factors Affecting Time to Sputum Smear and Culture Conversion in Patients with Pulmonary Tuberculosis" American Thoracic Society, Toronto. 2008
48. "Outbreak of Tuberculosis Among Marshall Islanders in Washington – 2007" International Union Against Tuberculosis and Lung Disease, San Diego. 2008
49. \*"TB Outbreak among Marshallese in Washington, 2007 " Washington State Annual Tuberculosis Meeting, Bremerton. 2007
50. \*"Multidrug-resistant Tuberculosis among Tibetans in California and Washington, 2004-2006" American Thoracic Society, San Francisco. 2007
51. "Characteristics of Tuberculosis among East African Immigrants, Seattle-King County, 2001-2005" International Union Against Tuberculosis and Lung Disease, Vancouver. 2007
52. \*"Pediatric Tuberculosis in Seattle-King County, 2001-2005" International Union Against Tuberculosis and Lung Disease, Vancouver. 2007
53. "Epidemiology of Tuberculosis in the Northwest United States" Francis J. Curry National Tuberculosis Center Tuberculosis Intensive, Seattle, 2006
54. \*"Implementation of a Tuberculosis Outbreak Prevention Control Section in a Large Urban County" National TB Controllers Association, Atlanta. 2006
55. "Use of Real-Time Pathogen Genotyping in the Control of a Tuberculosis Outbreak" American Thoracic Society, San Diego. 2006
56. "Clinical Epidemiology and Outcomes of Lymphatic Tuberculosis" International Union Against Tuberculosis and Lung Disease, Chicago. 2006
57. "Body Mass Index and the Risk of Venous Thrombosis Among Postmenopausal Women" 46th Annual Conference on Cardiovascular Disease Epidemiology and Prevention in association with the Council on Nutrition, Physical Activity, and Metabolism, Phoenix, 2006
58. \*"TB Comes to a School Near You: Controlling TB in the Educational Setting" Washington State Public Health Association Joint Conference on Health, Yakima. 2005
59. "Sputum Examination and Chest Radiographs (CXR) in Patients with Extrapulmonary TB." American Thoracic Society, San Diego. 2005
60. "An Intensive Screening Strategy Utilized in a TB Outbreak involving the Homeless Community in Seattle-King County, Washington, USA" International Union Against Tuberculosis and Lung Disease, Vancouver. 2005
61. "Convergence of Risk Factors Fuels Tuberculosis Outbreak Among Young Marijuana Users" International Union Against Tuberculosis and Lung Disease, Vancouver. 2005
62. "Pilot of a Baseline Survey for Chronic Disease Risk Factors in Villa El Salvador, Peru" Bay Area International Health Conference, San Francisco. 2004
63. "The Heart of the Matter: Risk Factors for Patent Ductus Arteriosus" Washington State Public Health Association Joint Conference on Health, Yakima. 2003

64. "Analyzing the Clinical, Economic, and Policy Impact of Individualized Medicine Based on Genetic Information ("Pharmacogenomics")" International Society for Pharmaceutical Outcomes Research, Arlington. 2002
65. "The Potential Role of Pharmacogenomics in Reducing Adverse Drug Reactions: A Systematic Review." Academy for Health Services Research (AHSR), Atlanta. 2002; UCSF 3rd Annual Spring Research Seminar, San Francisco. 2001
66. "Demographics of Antimicrobial Overrides Associated with Automated Dispensing Machines." UCSF 4th Annual Spring Research Seminar, San Francisco. 2002; American Society of Health-System Pharmacists (ASHP), New Orleans. 2001

\*Denotes an oral presentation

\*\*Presented by a student

## **Conferences and Scholarly Presentations**

### *Extramural Invited Scholarly Presentations*

1. "From disease tracking to disease understanding using Internet data," Next Generation Informatics for Global Health: Digital Epidemiology and Disease Dynamics, Hong Kong, 2017.
2. "Barriers to Healthcare Access among Farmworkers with Latent TB Infection, US and Mexico." CAZMEZ Summit, Tucson, 2017.
3. "Chronic Stress and Asthma." San Diego State University, San Diego, 2016.
4. Medical Consultant Meeting, Heartland National TB Center, San Antonio, 2016.
5. "Texting and Infectious Diseases," 7th Annual Arizona Infectious Disease Conference, Phoenix, 2016.
6. "Latent Tuberculosis Infection on the Border," Binational Collaboration for Healthy Communities in the U.S.-Mexico Border Region Meeting, Nogales MX, 2016.
7. "Infectious Diseases in the Elderly," Arizona Gerontological Nursing Association, Tucson, 2015.
8. "Using Genotyping for Cluster Investigation and Outbreak Detection," Tuberculosis for Epidemiologists course, Heartland National TB Center, Arlington, 2015.
9. "Detection of Latent Tuberculosis at the Border," United States-Mexico Border Binational Infectious Disease Conference, El Paso, 2014.
10. "Detection of Latent Tuberculosis Infection among Migrant Populations, United States and Mexico," Puentes Consortium Symposium, Rice University, Houston. 2013 and 2015
11. "TB and the City: The Importance of Urban Tuberculosis Control," International Union Against Tuberculosis and Lung Disease, Vancouver. 2013
12. "Around the Sound: The Study of Local Clusters," World TB Day, Seattle Biomed, Seattle. 2012
13. "Predictive value for progression to tuberculosis by IGRA and TST among refugees," 3rd Global Symposium on IGRAs, Hawaii. 2012
14. Invited Speaker, International Training & Education Center for Health (ITECH) Laboratory Management Training. "Local Public Health: Collaborations and Partnerships", Seattle. 2010
15. "A Disease Roundtable Exercise to Facilitate Inquiry-Based Learning" Symposium on Teaching and Learning, Seattle. 2010
16. "Tuberculosis burden, trends, and characteristics in urban settings in the United States" Division of TB Elimination Analytic Steering Committee, Centers for Disease Control and Prevention, Atlanta. 2009
17. "Tuberculosis—What you Need to Know" Public Defender Association, Seattle. 2008

### *Intramural Invited Scholarly Presentations*

18. "Chronic Stress and Asthma among Adolescents," Asthma and Airways Disease Research Center Research Seminar, Tucson, 2017
19. "Latent Tuberculosis Infection on the Border," Infectious Disease Grand Rounds, Tucson, 2017
20. "The Helicobacter pylori-Gastric Cancer Workgroup: A research strategy to increase understanding of a neglected health concern," Cancer Prevention and Control Seminar, Tucson, 2016

21. Alpha Epsilon Delta Public Health Panel, Tucson, 2016
22. "Tuberculosis Transmission and the Role of Place in Epidemic Propagation: Conceptualizing space and Addressing Migrant Needs," School of Geography Colloquium, Tucson, 2015
23. "Detection of latent tuberculosis infection by interferon gamma release assays among border populations, United States and Mexico," Micro Lunch, Department of Veterinary Science and Microbiology, Tucson, 2015
24. "Latent Tuberculosis Infection among Border Populations," Epidemiology Seminar, Mel and Enid Zuckerman College of Public Health, Tucson, 2015
25. "Cough during Infancy and Subsequent Childhood Asthma," Pulmonary Research Conference, Department of Medicine, University of Arizona, Tucson, 2015
26. "New technologies in the Fight against Infectious Diseases"— using TB as a disease case study," Arizona Global Health Conference, University of Arizona, Tucson, 2014
27. "The Social Determinants of Tuberculosis – Theories and Interventions," Sociology Colloquium, University of Arizona, Tucson, 2014
28. "Health Disparities in Public Health," Undergraduate Biology Research Program Symposium, University of Arizona, Tucson. 2013
29. "Urban Tuberculosis Outbreaks," Epidemiology Seminar, Mel and Enid Zuckerman College of Public Health, Tucson. 2013

### **Scholarly Awards & Honors**

1. 2017 GREW (Grants and Research Enterprise Writing Fellowship) recipient
2. 2017 National Research Mentoring Network STAR Fellowship
3. 2016- Early Career Reviewer, Center for Scientific Review, NIH
4. 2016 Early Career Reviewer, Center for Scientific Review, NIH  
Conduct of Randomized Clinical Trials Involving Behavioral Interventions
5. 2015- Career Development Award (KL2), University of Arizona
6. 2015- American Thoracic Society Guideline Methodology Trainee
7. 2014 Participant, ACE Workshop: Dissemination and Implementation Research in Health
8. 2014 Who's Who in Health Sciences Higher Education (WWHSHE)
9. 2014 Elected Fellow, American College of Epidemiology
10. 2013, 2014 Puentes Consortium Paper Award Recipient
11. 2013 University of Arizona International Research Development Grant travel award
12. 2010, 2012 Scholarship recipient, Summer Institute in Statistics and Modeling in Infectious Diseases (Seattle, WA)
13. 2012 Supported Participant, NICHD Workshop on Spatial Demography (Boulder, CO)
14. 2011 Front-Runners Leadership Training
15. 2011 Society for Epidemiologic Research Travel Scholarship
16. 2010 Community Health Assessment Mentee Program (CHAMP) Participant
17. 2009 NIH-supported Training Program in Advanced Spatial Analysis (Santa Barbara, CA)
18. 2008 Who's Who in Health Sciences Higher Education (WWHSHE)
19. 2007-2010 Graduate Student Mentee, Center for Workforce Development
20. 2003 Puget Partners for Global Health Award (Peru)
21. 1998 National Science Foundation Predoctoral Fellowship (Declined)
22. 1997-1998 Sigma Xi Research Grant
23. 1994-1998 Cornell Tradition Fellowship (Summer intern, Israel)
24. 1994-1998 Cornell University Dean's List
25. 1994 Salt Lake Research Foundation Scholarship
26. 1994 Golden Talon Service Award

### **Funded Research Grants**

### *Federal*

1. \$56,434 - UA/CONACYT Binational Consortium for Regional Scientific Development and Innovation, Barriers to Healthcare Access among Farmworkers, US and Mexico, Principal Investigator, 2015 – 2016
2. \$10,000 – Partnership for Native American Cancer Prevention Seed Grant, Principal Investigator, 2015
3. \$330,516 (5% effort) – HRSA Maternal and Child Health Training Program, Principal Investigator: Lynn Gerald, Ph.D., 2015
4. \$1,246,220 (5% effort) – CDC, Arizona Prevention Research Center, cooperative agreement number U48DP001925, Co-investigator, 2014 – 2018
5. \$1,083,039 (5% effort) – CDC, Arizona Physical Activity Research Network SIP-14-025, Co-investigator, 2014 – 2018
6. \$113,605 (25% effort) – VA Office of Public Health Surveillance and Research, Principal Investigator, 2014 – 2017

### *State and Local*

7. \$240,000 - Native American Cancer Prevention Program Pilot Grant (U54 Project), *Helicobacter pylori* and stomach cancer among Native Americans in Northern Arizona, Co-Principal Investigator, 2017 – 2019
8. \$25,000 – University of Arizona Cancer Center Cancer Disparities Pilot Project, *Helicobacter pylori* and stomach cancer among Native Americans in Northern Arizona, Principal Investigator, 2016 – 2017
9. \$112,525 (75% effort) – Arizona Health Sciences Center Career Development Award, Stress and Asthma in Childhood, Principal Investigator, 2015 – 2017
10. \$12,100 – Arizona Department of Health Services, Detection of latent tuberculosis infection among migrant populations, United States and Mexico, Principal Investigator, 2013 – 2014
11. \$91,823 – Washington State Department of Health, Targeted TB Testing and Treatment among the Homeless, Co-investigator, 2011 – 2012

### *Private*

1. \$26,000 - Programa De Investigacion en Migracion en Salud, Chagas disease in pregnant Mexicans of Hospital General de México and migrants seen at Johns Hopkins, Investigator, 2017-2018
2. \$39,961 (9% effort) - American Lung Association Social Behavioral Research Grant Promoting Adherence to Treatment for Latent TB Infection (LTBI) through Mobile Phone Text Messaging, Principal Investigator, 2015 – 2017
3. \$35,000 - Programa De Investigacion en Migracion en Salud, Detection and Follow-up of Latent Tuberculosis Infection among Migrant Workers, Principal Investigator, 2015 – 2016
4. \$50,000 – The Art Chapa Foundation, *Helicobacter pylori* Infection and Gastric Diseases in Arizona, Principal Investigator, 2013 – 2014
5. \$7,700 – Firland Foundation, Tuberculosis and Hepatitis C Coinfection in King County, WA, Co-investigator, 2011 – 2012
6. \$11,995 – Firland Foundation, A Pilot Study of Tuberculosis Infection and Genetic Variation, Co-investigator, 2009 – 2010
7. \$10,000 – Firland Foundation, Evaluating the Risk of Tuberculosis Transmission Utilizing Indoor Air Flow Testing, Principal Investigator, 2007 – 2008

### *Grants Under Review*

1. NASA Roses Program, Atmospheric Dust Modeling and Observational Platform for Public Health Decision Support in the Southwest United States (Role: Co-Principal Investigator)
2. NIH, NIAID R01, Antibiotic Resistance Gene Dynamics in Peruvian Hospitals, Farms and Communities (Role: Co-Principal Investigator)
3. University Grants Program, Development of a behavioral intervention to improve active tuberculosis case finding among migrants in urban slums in Uganda (Role: Principal Investigator)

## Participation in Professional Associations

1. Society for Behavioral Medicine, 2017-present
2. American College of Epidemiology (Fellow), 2014-present
3. American Society of Tropical Medicine & Hygiene, 2014-present
4. American Thoracic Society, 2013-present
5. Washington Behavioral Risk Factor Surveillance System Technical Advisory Committee, 2011
6. International Epidemiological Association, 2011-present
7. Tuberculosis Epidemiologic Studies Consortium Protocol Team (TO21), 2010
8. CDC TB Genotyping Information Management System Advisory Group, 2009-2011
9. Tuberculosis Epidemiologic Studies Consortium Protocol Consultant (TO26), 2009
10. Translating Research into Practice, TB Epidemiologic Studies Consortium, 2008-2011
11. International Union against TB and Lung Disease NAR Abstract Committee, 2008-present
12. Vulnerable Populations Action Team, Seattle-King County Public Health, 2007-2011
13. Washington State TB Advisory Council, 2006-2008
14. Council of State and Territorial Epidemiologists, 2006-2007
15. Society for Epidemiologic Research, 2004-2012
16. American Public Health Association, 2002-2011
17. Academy for Health Services Research and Health Policy, 2000-2002

## Works-In-Progress

### *Pending*

1. \*\*Scranton RA, **Oren E**, Glider PJ, Salafsky DB, Ernst KC. Understanding vaccination attitudes and behaviors among University of Arizona students (Submitted, *Journal of College Health*).
2. **Oren E**, Yom-Tov E. Search engine query data as a predictor of Respiratory Syncytial Virus Hospitalizations (Submitted, *Plos Computational Biology*).
3. **Oren E**, Barrett E, Fisher J, Billheimer D, Laudenslager M, Gerald L. Hair biomarkers among middle-school children in relation to school stress and asthma (Submitted, *Journal of School Health*).
4. \*\*Valdez LA, Flores M, Garcia DO, Ruiz J, **Oren E**, Carvajal S. Cultural adaptations for ethnic diversity: A review of alcohol and substance abuse interventions for Latino males (Submitted, *Substance Use and Abuse*).
5. \*\* Kohler LN, Harris RB, **Oren E**, Roe DJ, Lance P, Jacobs ET. Adherence to nutrition and physical activity cancer prevention guidelines and development of colorectal adenoma (Submitted, *Cancer Medicine*).
6. \*\* Barnes S, Olsen S, Wansaula Z, Herrick K, **Oren E**, Ernst K, Casal M. Mortality among Adult Patients Hospitalized with Severe Acute Respiratory Infections in Southern Arizona, 2010-2014 (Submitted, *BMC Infectious Diseases*).

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### *In Progress*

7. Valdez LA, Garcia DO, Ruiz J, **Oren E**, Carvajal S. Understanding Social and Cultural Contexts of Alcohol Abuse in Mexican-Origin Men (In Preparation).
8. Palacios-Corona R, Said-Fernandez S, Vargas-Villareal J, **Oren E**, Cruz-Gutierrez E, Monsivais O, Gonzalez-Salazar F. Nested PCR and rpoB genes in the molecular diagnosis of tuberculosis in developing countries (In Preparation).
9. \*\*Chahal RP, Strawter C, **Oren E**, Song K, Knox K. Procalcitonin Measurement Utility in Coccidioidomycosis (In Preparation).
10. **Oren E**, Combs D, Fisher J, Goodwin JL, Billheimer D, Gerald JK, Clemens C, Brown M, Gerald LB. Impact Of Supervised Asthma Medication Use On Sleep Outcomes Of Elementary School Children (In Preparation).

11. LaCourse SM, Cranmer LM, Bekker A, Steingart KR, Black D, Horne DJ, **Oren E**, Pals S, Modi S, Mathad J. Symptom screen for active tuberculosis in pregnant women living with HIV: Systematic Review and Meta-Analysis (In Preparation).
12. ATS Guideline Committee including **Oren E**. Clinical Practice Guidelines for Long Term Oxygen Therapy in Children (In Preparation).
13. Mpody C, Stern DA, Gerald LB, Morgan WJ, Martinez FD, Wright AL, **Oren E**. Early Caregiver Stress and Child’s Subsequent Lung Function through Early Adulthood: A Longitudinal Study from Birth to 32 years of age (In Preparation).
14. Global Burden of Disease Study 2016 Collaborators, including **Oren E**. The burden of diseases, injuries, and risk factors among US states, 1990-2015 (In Preparation).
15. Martinez ME, Tao L, Murphy J, Constanza Camargo, M, **Oren E**, Valasek M, Gomez S, Gupta S. Race, ethnicity, socioeconomic status and site-specific risk for gastric cancer (In Preparation).
16. Florea A, Brown H, Harris RB, **Oren E**. Ethnic Disparities in Gastric Cancer Presentation and Screening Practice in the US: An Analysis of 1997-2010 SEER-Medicare Data (In Preparation).
17. Chief C, Yazzie A, Sanderson P, McKinley A, Willetto A, Trujillo J, Harris R, **Oren E**. *Helicobacter pylori* and Stomach Cancer: Assessing knowledge, attitudes, practices among Navajo people in Northern Arizona (In Preparation).
18. Barrett E, Schaefer K, Langley C, Redondo F, Garcia D, Stoessle P, Gonzalez F, **Oren E**. Follow-up Care among US and Mexico Border Farmworkers with Latent Tuberculosis Infection

**Other reports/non-refereed publications**

1. Blog post, American Lung Association, “Texting to Stop TB” <http://www.lung.org/about-us/blog/2016/03/texting-to-stop-tb.html>, 2016
2. Basic Epidemiology for Tuberculosis Program Staff (2nd Edition, New Jersey Medical School Global TB Institute), 2013
3. Quality Assurance for TB Surveillance Data manual (Centers for Disease Control and Prevention), 2013
4. Seattle-King County Public Health Annual Tuberculosis Report, 2004-2012

**Media**

1. Winning faculty team, Playground Games Contest, “The Heat is On! Adventures in Community Mapping” Sponsors: Confluentcenter for Creative Inquiry and the Institute of the Environment, 2014

**TEACHING EFFECTIVENESS**

**Advising**

a. Undergraduate advising

Dates	Student Name	Roles	Student Awards/ Accomplishments
2015	Merrion Dawson	Internship Advisor	Current undergraduate
2014	Jane Otenyo	UROC Program Project Advisor	Accepted into UA MPH program
2014	Quyymun Rabby	Frontera Program Project Advisor	Accepted into UA MPH program
2014	Angelica Alvarez	Project Advisor	NASA Undergraduate Fellowship awardee

b. Master’s level advising – MEZCOPH

Dates	Student Name	Roles	Section
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2016-present	Travis Connors	Advisor	Epidemiology
2016-present	Gianna Mattio	Advisor	Epidemiology
2016-present	Brittani Rawlins	Internship Committee Member	Epidemiology
2016-present	Jane Otenyo	Internship Committee Member	Global Health
2016-present	Nick Schweers	Internship Committee Member	Epidemiology
2016	Tanzida Zaman	Internship Committee Member	Epidemiology
2016-present	Christian Mpode	Internship Committee Chair	Epidemiology
2016-present	Rachel Kreisberg	Preceptor	Epidemiology
2015-2016	Maisal Goe	Internship Committee Chair	Epidemiology
2015-2016	Quymun Rabby	Internship Committee Member	Epidemiology
2015-2016	Sam Packard	Internship Committee Chair	Epidemiology
2015-2016	Kimberly Fajardo	Internship Committee Chair	Epidemiology
2015-2016	Erika Barrett	Internship Committee Chair	Epidemiology
2015-present	Sho Taniguchi	Internship Committee Chair	Epidemiology
2014-present	Lauren Aboud	Advisor	Epidemiology
2014-present	Jennifer Brauneis	Advisor	Epidemiology
2014-2015	Thomas Cahir	Advisor	Epidemiology
2014-2015	Sam McGuffin	Advisor	Epidemiology
2014-present	Stephen Barnes	Internship Committee Chair/Advisor	Epidemiology
2014-2015	Rebecca Scranton	Internship Committee Member	Epidemiology
2014-2015	Karen Gonzales	Internship Committee Chair	Epidemiology
2014-2015	Enid Quintana Torres	Internship Committee Chair/Advisor	Epidemiology
2014-2015	Chelsi White	Advisor	Epidemiology
2014-2015	Robyn Blust	Advisor	Epidemiology
2013-2014	Megan McLawhorn	Internship Committee Member	Epidemiology
2013-2014	Cameron Price	Internship Committee Member	Health Promotion
2013-2014	Andrea Mannell	Internship Committee Member	Epidemiology
2013-2014	Shauna Durbin	Internship Committee Member	Health Policy
2013-2014	Clark Alves	Internship Committee Member	Health Promotion
2013-2014	Obiyo Osuchukwu	Internship Committee Member	Global Family Child Health
2013-2014	Mariana Casal	Internship Committee Chair	Epidemiology

c. Independent Studies (last 5 years)

Dates	Student Name	Topic Area	Program/ Department
2016-2017	David Bui	TB in Peru	PhD – Epidemiology
2015-2016	Justin John Frere (Honors)	TB and Texting	Undergraduate, Biology
2015-2016	Lisa Driscoll	<i>Helicobacter pylori</i> perceptions	MD/MPH--Epidemiology
2015-2016	Melissa Valdez	Microbiome in a nursing facility	PhD – Environmental Health
2014-2015	Chelsi White	Food desert maps in Tucson	MS – Epidemiology
2013-2014	David Bui	Analysis of Hepatitis A and <i>Helicobacter pylori</i> co-infection	PhD – Epidemiology
2013-2014	Lindsay Kohler	Analysis of demographic health survey data in Ghana	PhD – Epidemiology

d. Thesis Committees

<u>Dates</u>	<u>Student Name</u>	<u>Roles</u>	<u>Topic</u>	<u>Department</u>
2017-present	Tal Shmaya	Thesis Committee Member (MS)	TB genome associations	Bioinformatics
2017-present	Sankar Sridaran	Thesis Advisor (MPH)	Firefighter cardiometabolism	Epidemiology
2015-2016	Elizabeth Dahlmann	Thesis Committee Chair (MS)	Influenza immunology and disparities	Epidemiology
2014 - 2015	Victoria Hansen	Thesis Committee Member (MS)	Infectious disease trends in the U.S.	Epidemiology

e. Service on Dissertation Committees – San Diego State University

<u>Dates</u>	<u>Student Name</u>	<u>Roles</u>	<u>General Topic</u>	<u>Section</u>
2017-present	Pedro Kremer	Committee member	Tobacco Control Policies	Epidemiology

f. Service on Dissertation Committees – University of Arizona (as of July 2013, Assistant Professors are not allowed to direct Ph.D. committees in the Department of Epidemiology & Biostatistics)

<u>Dates</u>	<u>Student Name</u>	<u>Roles</u>	<u>General Topic</u>	<u>Section</u>
2016-present	Ellen Santos	Committee member	Sociobehavioral factors in Malaria	Epidemiology
2016-present	Yongchen Zhang	Committee member	Electronic cigarettes	Management Information Systems
2016-present	Luis Valdez	Committee member	Migrant health	Health Promotion
2015-present	Elise Lopez	Committee member	Community violence in Arizona	Family and Child Health
2015-present	Melissa Valdez	Committee member	Nursing home microbiome	Environmental Health
2015-2017	Lindsay Kohler	Committee member	Vitamin D and colorectal cancer	Epidemiology
2015- present	David Bui	Committee member	Tuberculosis in Peru	Epidemiology
2014-2016	Mallorie Fiero	Committee member	Novel methods for missing data in CRT	Biostatistics
2013-present	Nancy Stroupe	Committee member	Acute Respiratory Infection in Kenya	Epidemiology

**Extent of Teaching**

a. Courses taught at San Diego State University (Course Director)

<b>Semester</b>	<b>Course Name</b>
Spring 2018	PH 601 Introduction to Epidemiology

b. Courses taught at University of Arizona (Course Director)

<b>Semester</b>	<b>Course Name</b>
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Summer 2017	CPH 459 Survey of Infectious Disease Epidemiology**
Spring 2017	EPID 479 Infections and Epidemics
Fall 2015	EPID 671 Social Epidemiology
Summer 2015	EPID 309 Introduction to Epidemiology**
Spring 2015	EPID 479 Infections and Epidemics*
Fall 2014	EPID 671 Social Epidemiology
Summer 2014	CPH 459 Survey of Infectious Disease Epidemiology*
Fall 2013	EPID 671 Social Epidemiology*

\*New course

\*\*Course reformatted to summer session study abroad

c. Courses taught at University of Washington (Teaching Assistant)

- 2010 **Graduate Teaching Assistant**, Department of Epidemiology, University of Washington.  
Course: Introduction to Epidemiology (~170 enrollees)
- 2008-2009 **Graduate Teaching Assistant**, Department of Epidemiology, University of Washington Course:  
Emerging Infections of International Public Health Importance (~25 enrollees)
- 2005-2010 **Clinical Instructor**, University of Washington Department of Health Services
- 2006 **Epidemiology tutor**, Population Health Fellowship Program, University of Washington
- 2004 Developed "Introduction to STATA" course for incoming students, Department of  
Epidemiology, University of Washington

d. Guest Lectures and Seminars

Semester	Course Name and Lecture Title
Fall 2017	PH 800 Doctoral Seminar—Writing and Publishing in Biomedical Science
Fall 2017	PH 621 Infectious Disease Epidemiology--TB
Fall 2017	PH 700 Adolescent Health: Asthma interventions in adolescence: family, community and school contexts
Spring 2017	CPH 309 Introduction to Epidemiology—TB and new tools
Spring 2017	EPID 670 Chronic Disease Epidemiology—Interface between Chronic and Infectious Diseases
Fall 2016	CPH 309 Introduction to Epidemiology—Infectious Diseases
Fall 2016	CPH 400 Contemporary Community Health Problems – Infectious Diseases in the United States
Fall 2016	Honors College Colloquium—Stress, Asthma and Health Disparities
Spring 2016	BIOS 675 Clinical Trials—Pilot and Feasibility Studies
Spring 2016	CPH 533 Global Health (graduate) -- TB: Local to Global
Spring 2016	CPH 309 Introduction to Epidemiology
Fall 2015	CPH 309 Introduction to Epidemiology – Public health tools – Case Example of Tuberculosis
Spring 2015	School of Geography Colloquium-- Tuberculosis transmission and the role of place in epidemic propagation: Conceptualizing space and addressing migrant needs
Spring 2015	Micro Lunch, Department of Veterinary Science and Microbiology-- Detection of latent tuberculosis infection by interferon gamma release assays among border populations, United States and Mexico

Spring 2015	EPID 696A Epidemiology Seminar - Latent Tuberculosis Infection among Border Populations
Spring 2015	CPH 533 Global Health (graduate) -- TB: Local to Global
Spring 2015	CPH 433 Global Health- Social Disparities and Epidemiology
Spring 2015	CPH 309 Introduction to Epidemiology – Public health tools in infectious disease epidemiology
Fall 2015	Pulmonary Research Conference, Department of Medicine-- Cough during Infancy and Subsequent Childhood Asthma
Spring 2014	Arizona Global Health Conference-- New technologies in the Fight against Infectious Diseases— using TB as a disease case study
Spring 2014	Sociology Colloquium-- The Social Determinants of Tuberculosis – Theories and Interventions
Spring 2014	EPID 660 Infectious Disease Epidemiology – Airborne Transmission
Spring 2014	CPH 433 Global Health- Social Disparities and Epidemiology
Spring 2014	CPH 309 Introduction to Epidemiology – Public health tools in infectious disease epidemiology
Fall 2014	Undergraduate Biology Research Program Symposium-- Health Disparities in Public Health
Fall 2014	Infectious Disease Fellow Journal Club—Statistics and Study Design
Fall 2014	CPH 400 Contemporary Community Health Problems – Contemporary issues with infectious disease
Fall 2014	CPH 533 Global Health (graduate) -- TB: Local to Global
Spring 2013	EPID 696A Epidemiology Seminar – Urban Tuberculosis Outbreaks
Spring 2013	CPH 433 Global Health- Social Disparities and Epidemiology
Spring 2013	EPID 660 Infectious Disease Epidemiology – Respiratory Transmission
Spring 2013	EPID 660 Infectious Disease Epidemiology – Surveillance Systems

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## SERVICE

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### Local/state

1. 2015-2016, *Classroom Coordinator*, Khalsa Camden Montessori, Southern Arizona Research, Science and Engineering Fair
2. 2014-present, *Board of Directors (formerly Community Advisory Board)*, Owl & Panther (Expressive Arts for Refugees)
3. 2013-present, *Health Equity Workgroup*, Healthy Pima Initiative
4. 2012, *Judge*, Nathan Hale High School Mock Global Health Summit

### Selected Media Interviews

1. 2017, Interviewed for the story “UA Research Says *H. Pylori* Needs Much Closer Attention” on *Helicobacter pylori*, by Robin Tricoles, UA News, June 6, 2017.
2. 2017, Interviewed by Public Health Minute with William Latimer on stress and asthma, aired June 7, 2017.

3. 2015, Interviewed by Channel 4 KVOA (NBC), Tucson, Arizona, on *Helicobacter pylori* in Arizona, aired January 7, 2015.
4. 2014, Interviewed by Channel 4 KVOA (NBC), Tucson, Arizona, on the evolving ebola outbreak, aired Oct 13, 2014.
5. 2010, Interviewed for the story "Funds needed to fight drug resistant TB" by Julie Cechvala in Real Change, March 24, 2010. <http://realchangenews.org/index.php/site/archives/3998>

### **National/International**

1. 2016-present, *Member*, Global Burden of Disease Collaborator Network
2. 2016-present, *Vice Chair (President-Elect)*, American College of Epidemiology Publications Committee
3. 2016-present, *Member*, American Thoracic Society, Guideline Methodology Workgroup
5. 2015-present, *Invited abstract reviewer*, Union World Conference on Lung Health  
*Member*, American College of Epidemiology Publications Committee  
*Member*, American Thoracic Society, Behavioral Science and Health Services Research Assembly Program Committee
6. 2014-present, *Member*, Epidemiology and TB Control Course Planning Committee, Heartland National TB Center  
*Poster reviewer*, American College of Epidemiology annual meeting
7. 2013-present, *Member*, American Thoracic Society, Microbiology, TB and Pulmonary Infection Web Committee  
*Member*, RESULTS-TB, Working Group on MDR-TB of the Stop TB Partnership  
*Member*, Stop TB Partnership New Diagnostics Working Group
8. 2012-2013, *Invited participant*, Centers for Disease Control Surveillance Systems Consultation  
*Invited reviewer for Quality Assurance for TB Surveillance Data manual* (Centers for Disease Control and Prevention)  
*Invited reviewer for Basic Epidemiology for Tuberculosis Program Staff* (New Jersey Medical School Global TB Institute)

### **Departmental**

1. 2017-present, *Member*, Global Health Committee, San Diego State University Graduate SPH
2. 2017-present, *Member*, Admissions Committee, San Diego State University Graduate SPH
3. 2016-2017, *Member*, Qualifying Exam Committee, Department of Epidemiology & Biostatistics, University of Arizona
4. 2013-2017, *Member*, Admissions Committee, Division of Epidemiology & Biostatistics, University of Arizona
5. 2013-2014, *Member*, Subcommittee for development of undergraduate track
6. 2004, Developed "Introduction to STATA" course for incoming students, Department of Epidemiology, University of Washington
7. 2003-2004, *Student Member*, Curriculum Committee, Department of Epidemiology, University of Washington

### **College of Public Health**

1. 2015-2016, *Faculty Advisor*, Graduate Public Health Poster Forum
2. 2014, *Organizer*, *Helicobacter pylori* symposium
3. 2014, *Member*, Dean Review Committee
4. 2013, *Guest Reviewer*, Grantsmanship for a Winning Proposal (EPID 652)
5. 2013, *Judge*, M.P.H. Internship Conference

### **University of Arizona**

1. 2017, *Search Committee*, Research and Development Services
2. 2016, *Advisor*, International Alliance for the Prevention of AIDS
3. 2015-present, *Member*, OneHealth Consortium, University of Arizona
4. 2015, Grant Reviewer, Global Change Graduate Interdisciplinary Committee (GIDP) Dissertation Improvement Grants, University of Arizona
5. 2014-present, *Member*, Research Computing Governance Committee
6. 2013, *Judge*, Environmental Research Grad Blitz

### **Consultancies**

1. 2017-present, **Consultant**, Pima County Health Department Tuberculosis Program
2. 2014, **Consultant**, Global Fund to Fight AIDS, Tuberculosis and Malaria (Vietnam)
3. 2011-2014, **Consultant**, Program for Appropriate Technology in Health (PATH) (Tanzania, Ethiopia, Cambodia, Mexico, Democratic Republic Congo)

### **Editorial – Journal Reviews**

1. 2017-present, Journal of the National Cancer Institute
2. 2017-present, Environmental Health Perspectives
3. 2017-present, European Respiratory Journal
4. 2017-present, American Journal of Tropical Medicine & Hygiene
5. 2017-present, Pediatrics
6. 2017-present, Annals of Epidemiology
7. 2016-present, BMJ Open
8. 2016-present, BMC Research Notes
9. 2014-present, Salud Pública de México
10. 2014-present, International Journal of Environmental Research and Public H
11. 2014-present, Clinical Epidemiology
12. 2014-present, BMC Infectious Diseases
13. 2013-present, Eurosurveillance
14. 2013-present, JAIDS
15. 2013-present, Public Health Reports
16. 2013-present, PLOS ONE
17. 2013-present, Social Science and Medicine
18. 2013-present, The Lancet Infectious Diseases
19. 2011-present, American Journal of Public Health
20. 2010-present, Interdisciplinary Perspectives on Infectious Disease

### **Editorial Boards**

1. 2016-present, Section Editor, Tuberculosis and Mycobacterial Disease, BMC Infectious Disease
2. 2014-present, Associate Editor, BMC Infectious Disease