

**Stacey Peters**  
stpeters@nmsu.edu

## **Education**

**New Mexico State University**, Las Cruces, NM  
**Ph.D. student** in Microbiology, 2014-present

**Emory University**, Atlanta, GA  
**M.P.H.** in Epidemiology, May 2012  
Master's Thesis: Maternal treatment with opioid analgesics during pregnancy and risk for preterm birth or low birth weight

**University of New Mexico**, Albuquerque, NM  
**B.S. cum laude** in Biology, May 2010

## **Awards and Grants**

American Committee on Arthropod-Borne Viruses (ACAV) Student Travel Award, 2015  
NMSU College of Arts and Sciences Graduate Student Travel Award, 2015  
Dr. Joaquin Loustaunau Memorial Endowed Graduate Fellowship, 2015-2016  
Scholarship to attend the University of Washington's Summer Institute on Infectious Disease Modeling and Biostatistics, 2015  
Presidential Scholarship, University of New Mexico, 2006-2010  
International Grant for Studying Abroad, University of New Mexico, 2009

## **Research Experience**

**New Mexico State University**, Las Cruces, NM  
**Doctoral Research**, 2014-present  
Currently researching the utility of repurposing fluoroquinolones as anti-flaviviral therapies by identifying the mechanism of action and evolving resistance. Also, analyzing West Nile virus sequencing data passaged in three avian species for indication of host immune system evasion in T cell epitopes and the untranslated regions.

**Jornada Experimental Range**, Las Cruces, NM  
**Ecoinformatics Specialist**, 2012-2014  
Researched landscape changes related to climate drivers, coordinated the creation of a map app, and managed the EcoTrends team.

**New Mexico Department of Health**, Las Cruces, NM  
**Epidemiologist**, 2013-2014  
Developed and conducted a veterinarian survey about local Valley Fever knowledge.

**Centers for Disease Control and Prevention**, Atlanta, GA  
**Epidemiology Assistant**, 2010-2012

Assisted in research pertaining to birth defects and medication exposure.

**Emory University**, Atlanta, GA

**Research Assistant**, 2010-2012

Collected data for and conducted meta-analyses on the effects of interpregnancy intervals and early age at childbirth on maternal and infant outcomes.

**University of New Mexico Hospital**, Albuquerque, NM

**Research Assistant**, 2009-2010

Managed medical records for Hepatitis C correctional patients in treatment.

**University of New Mexico**, Albuquerque, NM

**Laboratory Assistant**, 2007-2009

Researched genetic relatedness among Peruvian hummingbirds.

## **Teaching Experience**

**New Mexico State University**, Las Cruces, NM

**Teaching Assistant**, 2014-present

Taught the lab portion of the courses “Cellular and Molecular Biology” and “Microbiology” and assisted with the “Cellular and Molecular Biology” and “Microbiology” lectures

## **Publications**

**Interrante, J.D., Scroggs, S.L.P., Hogue, C.J., Friedman, J.M., Reefhius, J., Jann, M.W., Broussard, C.S.** Opioid analgesics during pregnancy and risk for preterm birth or low birth weight. Manuscript in CDC clearance.

**Peters, D. P.C., Scroggs, S. L.P., and Yao, J.** “North American Biomes.” In Oxford Bibliographies in Ecology. Ed. David Gibson. New York: Oxford University Press, doi: 10.1093/obo/9780199830060-0099.

**Peters, S. L., Lind, J. N., Humphrey, J. R., Friedman, J. M., Honein, M. A., Tassinari, M. S., Moore, C. A., Mathis, L. L. and Broussard, C. S.** Safe lists for medications in pregnancy: inadequate evidence base and inconsistent guidance from Web-based information, 2011. *Pharmacoepidem Drug Saf* 2013; 22:324–328. doi: 10.1002/pds.3410

**Gibbs C., Wendt A., Peters S., and Hogue C.** The Impact of Early Age at First Childbirth on Maternal and Infant Health. *Paediatric and Perinatal Epidemiology*. 2012;26(S1):259-284.

**Wendt A.**, Gibbs C., Peters S., and Hogue C. The Impact of Increasing Inter-Pregnancy Intervals on Maternal and Infant Health. *Paediatric and Perinatal Epidemiology*. 2012;26(S1):239-258.

**Peters S.**, Humphrey J., and Broussard C. Environmental Scan of “Safe Medications during Pregnancy” Lists. *Pharmacoepidemiology and Drug Safety*. 2011; 20: S57-58.

## **Presentations**

Scroggs, S.L.P., Andrade, C.C., Chinnasamy, R., Hanley, K.A. Antibiotics with Unexpected Talents: Efficacy and mechanism of action of fluoroquinolones against flaviviruses. Poster. 2015. American Society for Tropical Medicine and Hygiene Annual Meeting, Philadelphia, PA

Peters, S. Peters, DC., Havstad, KM., Monger, C, Blumenthal, DM., Derner JD., Kronberg, SL., Nirthup, BK., Okin, GS., Sanderson, MA., and Steiner J. Ecological catastrophes: threshold responses to climate, soil, and land use drivers of the Dust Bowl. Poster. 2013. Ecological Society of America 98<sup>th</sup> Annual Meeting and Exposition. Minneapolis, MN.

Peters S., Yao J., and Bestelmeyer S. Long-term studies provide ecological insights to scientists and non-scientists: The EcoTrends-ED Project. Poster. 2012. Jornada Symposium. Las Cruces, NM.

Peters S., Yao J., and Bestelmeyer S. The EcoTrends Project: long-term data provide ecological insights to scientists and non-scientists. Poster. 2012. Long-term Ecological Research All Scientists Meeting. Estes Park, CO.

Peters S., Humphrey JR., and Broussard CS. Environmental scan of “safe medications during pregnancy” lists. 2011. 27<sup>th</sup> International Conference on Pharmacoepidemiology and Therapeutic Risk Management. Chicago, IL.

## **Memberships and Service**

American Society of Tropical Health and Medicine  
Reviewer for PLOS ONE

Biology Graduate Student Association, New Mexico State University, Secretary 2014-2015 and Vice-President 2015-2016