

# JULIANNE MEISNER

## CONTACT

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INSTITUTIONAL ADDRESS: Department of Epidemiology, Box 357234  
School of Public Health  
University of Washington  
Seattle, WA 98195

## PROFESSIONAL QUALIFICATIONS

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**Licensed veterinarian**      *Washington*

**Member**                      *Society for Epidemiologic Research  
Washington State Veterinary Medical Association  
Veterinary Information Network*

## RESEARCH INTERESTS

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Zoonoses, infectious disease epidemiology, One Health, global health; spatial epidemiology, mathematical modelling, epidemiologic methods

## EDUCATION

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**PhD**                      ***Epidemiology, University of Washington***  
2017-2020 (expected)

**MS**                      ***Epidemiology, University of Washington***  
2015-2017

**BVM&S**                ***DVM equivalent, University of Edinburgh Royal (Dick) School of Veterinary Studies***  
2011

## RESEARCH/FIELD EXPERIENCE

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**July 2017- present**      ***Graduate Research Student Assistant | Global WACH  
Department of Global Health, University of Washington***

I am constructing a decision analytic model to evaluate the cost effectiveness of repeat maternal testing for HIV in five country scenarios, for the WHO.

**August 2016-  
July 2016**                ***Masters Practicum | Neglected Zoonotic Diseases in Uganda study  
Veterinarians Without Borders/Vétérinaires San Frontières  
Moyo, Uganda***

I performed animal sampling alongside of the human sampling team, and created and administered an Animal Worker Health Survey to describe household delegation of livestock tasks and relevant occupational hazards, specifically animal injury.

**September 2015-  
August 2015**            **Group Leader | Syndromic Surveillance for Livestock Health (SSLH)  
Veterinarians Without Borders/Vétérinaires San Frontières**  
Kampala, Uganda

I lead a team of four American veterinarians through seven districts in central and southwestern Uganda, in each district executing training sessions of livestock producers and community animal health workers in the identification and reporting of key animal diseases.

**May 2011**                    **Research Extern | Plum Island Animal Disease Center  
Foreign Animal Disease Research Unit**  
Orient Point, NY

I assisted in ongoing projects related to foot and mouth disease pathogenesis and vaccine development, including the assessment of porcine vaccine trial control groups.

**August 2010-  
July 2010**                    **Research Extern | Integrated Control of Neglected Zoonoses (ICONZ)**  
Kampala, Uganda

I assisted in field sampling of cattle herds previously mass-treated with trypanocides and carried out a baseline ICONZ study quantifying mastitis prevalence in rural and peri-urban dairy herds, comprising both local and exotic breeds. (<http://iconzafrica.com/>)

**July 2009-  
June 2009**                    **Research Extern | Stamp Out Sleeping Sickness/Makerere University**  
Kampala, Uganda

I primarily worked in remote villages in eastern Uganda, mass treating cattle for trypanosomiasis ('nagana') and distributing trypanocidal drugs (diminazene diacetate; Veriben™, Ceva Santé Animal) to cattle keepers. I also worked within the Faculty of Veterinary Medicine at Makerere University, treating local bovine cases of nagana. (<http://www.stampoutsleepingsickness.com/>)

## PUBLICATIONS

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1. **Meisner J**, Kurtis C, Graham T, Rabinowitz P. Animal Injury, Zoonotic Disease, and Other Occupational Hazards of Rural Livestock Keepers in Uganda: a Cross-Sectional Study. East African Health Research Journal [Accepted].
2. **Meisner J**, Vora M, Fuller M, Phipps A, Rabinowitz P. Maternal Veterinary Occupation and Adverse Reproductive Outcomes in Washington State, 1992-2014: a Population-Based Retrospective Cohort Study. Occupational and Environmental Medicine [Submitted].
3. **Meisner J**, Barnabas R, Rabinowitz P. A mathematical model for evaluating the role of the cattle reservoir in the epidemiology and control of *Trypanosoma brucei rhodesiense* and *T. b. gambiense* sleeping sickness in Uganda, 2000-2009. PLOS Neglected Tropical Diseases [Submitted].

## TA/TEACHING EXPERIENCE

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- Fall 2017**                    **Teaching Assistant | Epidemiologic Methods I**  
Department of Epidemiology, University of Washington
- Teaching Assistant | Advanced Epidemiologic Methods I**  
Department of Epidemiology, University of Washington
- Spring 2017**                **Teaching Assistant | Introduction to One Health**  
Department of Environmental and Occupational Health Sciences, University of Washington
- Winter 2017**                **Tutor | Medical Biometry II**  
Department of Biostatistics, University of Washington
- Autumn 2016**               **Tutor | Epidemiologic Methods I**  
Department of Epidemiology, University of Washington

## OTHER TRAINING

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- July 2017**                    **Summer Institutes: Statistics and Modeling in Infectious Diseases**  
Department of Biostatistics, University of Washington  
*Stochastic Epidemiologic Models with Inference*  
*Spatial Statistics in Epidemiology and Public Health*

## PRESENTATIONS

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- November 2017**            **Cattle-associated risk factors for human tuberculosis in rural livestock keeping communities, Uganda.**  
American Society of Tropical Medicine and Hygiene Annual Meeting  
Baltimore, MD
- April 2017**                    **Animal injury, zoonotic disease, and other occupational hazards of rural livestock keepers in Uganda**  
Consortium of Universities for Global Health  
Washington, DC
- February 2017**            **Animal injury, zoonotic disease, and other occupational hazards of rural livestock keepers in Uganda**  
Invited presenter, Department of Global Health “Cheers to 10 years” Celebration  
Seattle, WA
- January 2017**                **Animal injury, zoonotic disease, and other occupational hazards of rural livestock keepers in Uganda**  
Semiahmoo Symposium on Environmental, Occupational, and Public Health  
Semiahmoo, WA

## CLINICAL EXPERIENCE

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**Current-  
March 2015**

**Sole Proprietor, Veterinarian | Julianne Meisner- Relief Veterinarian**  
Seattle, WA | Small animal predominant

**March 2015-  
September 2012**

**Associate Veterinarian | La Costa Animal Hospital**  
Carlsbad, CA | Small animal exclusive

**August 2012-  
October 2011**

**Associate Veterinarian | Roosevelt Veterinary Center**  
Brewster, NY | Small animal predominant

## AWARDS

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Department of Epidemiology Travel Award 2017  
Graduate Student Fund for Excellence in Innovation Travel Award 2017  
Occupational Health at the Human-Animal Interface Scholar 2015-2017  
Best Poster, Semiahmoo Symposium on Environmental, Occupational, and Public Health 2017  
Stergachis Endowed Fellowship for International Exchange 2016  
RCVS EMS Vacation Research Scholarship 2010  
Edinburgh University Small Projects Grant 2009

## COMMUNITY SERVICE

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Western Regional International Health Conference Planning Committee 2015-2016  
*Lead Organizer, One Health and Changing Ecosystems sub-theme*

Epidemiology Department Student Representative 2015-2016  
*Social Chair*

## REFERENCES

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**Peter Rabinowitz, MD MPH**

*Associate Professor, Departments of Environmental and Occupational Health Sciences, Family Medicine, and Global Health*  
School of Public Health  
University of Washington  
Seattle, WA  
[peterr7@uw.edu](mailto:peterr7@uw.edu)

**Lisa Manhart, PhD MPH**

*Professor, Departments of Epidemiology and Global Health*  
School of Public Health  
University of Washington  
Seattle, WA  
[Imanhart@uw.edu](mailto:Imanhart@uw.edu)

**Allison Glassman, DVM**

*Veterinarian, Owner*  
Roosevelt Veterinary Center  
Brewster, NY  
[vetallie@yahoo.com](mailto:vetallie@yahoo.com)

**Ruanne Barnabas, MBChB DPhil**

*Associate Professor, Departments of Global Health and Medicine*  
School of Public Health  
University of Washington  
Seattle, WA  
[rbarnaba@uw.edu](mailto:rbarnaba@uw.edu)