

# Jennifer N. Hogan

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## EDUCATION

University of California, Davis *Ph.D. in Epidemiology* September 2012  
Gonzaga University *B.S. in Biology* May 2005

## AWARDS RECEIVED

UC Davis and Humanities Graduate Research Fellowship, 2011-2012  
Graduate Group of Epidemiology Fellowship, 2011-2012  
Graduate Student Travel Award 2011  
Wildlife Health Center Fellowship 2010-2011  
Graduate Group of Epidemiology Block Grant, 2007, 2008, 2009, 2010

## EXPERIENCE

### Data Analyst and Project Specialist in Epidemiology

IMLS Elephant Welfare Project, UC Davis, CA (07/12-present)

- Developed statistical analysis plan and analyzed epidemiologic data related to captive elephant health and welfare.
- Trained team members on epidemiologic concepts.

### Graduate Student Researcher

Veterinary Medicine: Pathology, Microbiology, Immunology, UC Davis, CA (09/07-09/12)

- Evaluated the efficacy of wetlands in protozoal removal by examining protozoa transport and surveying protozoa contamination in wetlands.
- Evaluated fecal protozoal transmission in sympatric species in the Volcanoes National Park in collaboration with the Mountain Gorilla Veterinary Project in Rwanda.

### Curriculum Reviewer

UC Global Health Institute, UC Davis, CA (06/12-07/12)

- Reviewed and revised a series of case studies for courses on global health issues.
- Helped develop a case study teaching students epidemiologic concepts and statistical analysis using a hypothetical outbreak situation in a mountain gorilla population.

### Topic Editor

Encyclopedia of Earth (eearth.org) (01/12-08/12)

- Edited articles submitted by contributing authors for both readability and accuracy with an emphasis on communication of scientific information to a lay audience.

### Staff Research Associate I

Pharmacology Department, Sunesis Pharmaceuticals, South San Francisco, CA (06/05-08/07)

### Research Laboratory Intern

Molecular Oncology Department, Genentech, South San Francisco, CA (05/04-08/04)

### Field Assistant

Lumina Technologies, Santa Rosa, CA (07/03-05/05)

## TEACHING EXPERIENCE

University of California, Davis

Grader for EPI 204A: Foundation of Statistical Methods (01/12-03/12)

Teaching Assistant for MPM 405L: Epidemiology Laboratory (09/11-12/11)

Gonzaga University, Spokane, WA

Biology Tutor for Biology 101 and 102 (09/03-05/05)

Biology Lab Teaching Assistant for Biology 101 and 102 (01/03-05/05)

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### PUBLISHED LITERATURE

- Longitudinal Poisson regression to evaluate *Cryptosporidium*, *Giardia*, and fecal indicator bacteria epidemiology in coastal California wetlands.** *Hogan JN*, Daniels ME, Watson FG, Conrad PA, Oates SC, Miller MA, Hardin D, Byrne BA, Dominik C, Melli A, Jessup DA, Miller WA. *Appl Environ Microbiol*. 2012 May 78(10):3606-3613.
- Hydrologic and vegetative removal of *Cryptosporidium parvum*, *Giardia lamblia*, and surrogate *Toxoplasma gondii* surrogate microspheres in coastal wetlands.** *Hogan JN*, Daniels ME, Watson FG, Oates SC, Miller MA, Conrad PA, Shapiro K, Hardin D, Dominik C, Melli A, Jessup DA, Miller WA. *Appl Environ Microbiol*. 2013 79(6):1859-1865.
- Giardia* in mountain gorillas (*Gorilla gorilla beringei*), forest buffalo (*Syncerus caffer*), and domestic cattle in Volcanoes National Park, Rwanda.** *Hogan JN*, et al. Accepted for publication in *Journal of Wildlife Diseases*.
- SNS-314, a pan-Aurora kinase inhibitor, shows potent anti-tumor activity and dosing flexibility in vivo.** Arbitrario JP, Belmont BJ, Evanchik MJ, Flanagan WM, Fucini RV, Hansen SK, Harris SO, Hashash A, Hoch U, *Hogan JN*, Howlett AR, Jacobs JW, Lam JW, Ritchie SC, Romanowski MJ, Silverman JA, Stockett DE, Teague JN, Zimmerman KM, Taverna P. *Cancer Chemother Pharmacol*. 2009 Aug 65(4):707-17.
- The Aurora kinase inhibitor SNS-314 shows broad therapeutic potential with chemotherapeutics and synergy with microtubule-targeted agents in a colon carcinoma model.** VanderPorten EC, Taverna P, *Hogan JN*, Ballinger MD, Flanagan WM, Fucini RV. *Mol Cancer Ther*. 2009 Apr 8(4):930-9.

### POSTERS AND PRESENTATIONS

- Giardia* in Sympatric Wildlife in Volcanoes National Park, Rwanda.** *Hogan J*, Hassell J, Noheri, JB, Ramer J, Cranfield M, Miller W, Gilardi K. UC Global Health Day: Berkeley, CA, February 4, 2012.
- Giardia* in Sympatric Wildlife in Volcanoes National Park, Rwanda.** *Hogan J*, Hassell J, Noheri, JB, Ramer J, Cranfield M, Miller W, Gilardi K. Wildlife Disease Association Annual Meeting: Quebec City, Canada, August 14-19, 2011.
- Waterborne Protozoal Removal by Coastal California Wetlands.** *Hogan J*, Daniels M, Watson F, Conrad P, Miller, W. American Society of Parasitology Annual Meeting: Anchorage, AK, June 1-4, 2011.
- Reaching across disciplines to form a one health team using the Mountain Gorilla One Health Program (MGOHP) case study.** *Hogan J*, Harris L. Global Health: Breaking Borders and Boundaries: Davis, CA, April 9, 2011.
- Waterborne Protozoal Removal by Coastal California Wetlands.** *Hogan J*, Daniels M, Watson F, Conrad P, Miller, W. EPA National Beach Conference: Miami, FL, March 14-17, 2011.
- SNS-314, a potent inhibitor of Aurora kinases, shows broad anti-tumor activity and dosing flexibility in vivo.** *Jennifer N. Hogan*, Jeffrey L. Kumer, Jennifer P. Arbitrario, Ute Hoch, Jeffrey A. Silverman, Anthony R. Howlett and Pietro Taverna. International Symposium on Targeted Anticancer Therapies: Amsterdam, the Netherlands, March 8-10, 2007.