

# Victoria H. Zero

tel: +254 20 244 6350

email: slineolata@gmail.com

PO Box 555 Nanyuki, Kenya

## Education

**Reed College** Bachelor of Arts in Biology, May 2007

**Duke University/Organization for Tropical Studies** Semester Abroad - Costa Rica, Fall 2004

## Research Experience

**Parental roles in the African cichlid genus *Julidochromis*** August 2006–May 2007  
REED COLLEGE, SENIOR THESIS  
Compared mating systems and parental care for five closely related species.

**Microsatellite characterization of the cichlid *Astatotilapia burtoni*** Summer 2006  
REED COLLEGE, HHMI GRANT  
Characterized populations using multiple microsatellite markers.

**Microhabitat use of endangered New Zealand skinks** January 2006  
NEW ZEALAND DEPARTMENT OF CONSERVATION  
Assisted first field study to examine behavioral differences between two co-occurring species.

**Ecology of the Texas horned lizard, *Phrynosoma cornutum* in Kansas** Summer 2005  
REED COLLEGE/HASKELL INDIAN NATIONS UNIVERSITY, ARCH AND FRAN DIACK AWARD  
Independent research investigating diet, movement patterns and mobility in a novel habitat.

**Foraging behavior of the lizard *Ameiva erythrocephala* in St. Eustatius** Summer 2004  
AVILA COLLEGE, RESEARCH EXPERIENCE FOR UNDERGRADUATES  
Primary investigator examining the influence of size, sex, and habitat on foraging strategy.

**Population size estimation for the Lesser Antillean Iguana** Summer 2004  
AVILA COLLEGE, NSF RESEARCH EXPERIENCES FOR UNDERGRADUATES  
Secondary investigator for an island-wide survey for this lizard.

**Territorial behavior of the eastern collared lizard in Oklahoma** May 2003  
HASKELL INDIAN NATIONS UNIVERSITY  
Assistant for a study on the influence of habitat structure on patrolling behavior of males.

**Foraging behavior of the desert grassland whiptail in Arizona** July 2002  
EARTHWATCH INSTITUTE, STUDENT CHALLENGE AWARDS PROGRAM  
Assistant for a field study examining how this lizard forages for subterranean termites.

## Publications

Zero, V.H. and D.A. Eifler (*in prep*) Movement patterns and locomotion of the Texas horned lizard in prairie habitat.

Zero, V.H., D.A. Eifler and R. Powell (2009) Foraging behavior of the lizard *Ameiva erythrocephala*. *Herpetozoa*. 22:167171.

Zero, V.H. and S.C.P. Renn (2007) Cichlid science: Lessons in parenting. *Underwater*, Iowa Aquaria Association. 2007:2-4.

Kerr, A.M, Zero, V.H. and R. Powell (2006) *Ameiva erythrocephala* (Shaw 1802): red-faced ground lizard, orange-face ameiva. *Catalogue of American Amphibians and Reptiles*. 817:1-4.

Fogarty, S.P., Zero, V.H. and R. Powell (2004) Revisiting St. Eustatius: Estimating the population size of Lesser Antillean Iguanas, *Iguana delicatissima*. *Iguana*. 11(3):139-146.

**Work Experience**

**Project Manager** Princeton University / The Denver Zoo  
Mpala Research Centre, Kenya March 2009 – present  
Surveyed endangered zebra and used software to photo-ID individuals. Conducted non-invasive parasite surveys. Trained employee in proper population census techniques.

**Research Assistant** University of Montana  
Mpala Research Centre, Kenya October 2008 – July 2009  
Managed and conducted all field and lab work for a project focusing on behavior and parasitism in Grant's gazelle.

**Teaching Assistant / Translator** Organization for Tropical Studies  
Guanacaste, Costa Rica March 2008  
Trained Native American undergraduate students in tropical field research and served as the sole translator.

**Mellon Post-Baccalaureate** Reed College  
Portland, OR July 2007– October 2008  
Original comparative behavioral endocrinology research, fish husbandry and aquarium maintenance, advising and technical training with thesis projects.

**Posters and Talks**

**Strength and direction of sex role characteristics in the cichlid genus *Julidochromis***  
ECOLOGICAL AND EVOLUTIONARY ETHOLOGY OF FISHES June 29-July 3 2008

**Ecology of the Texas horned lizard *Phrynosoma cornutum* in Kansas**  
SOCIETY FOR INTEGRATIVE AND COMPARATIVE BIOLOGY ANNUAL MEETING Jan 3-7 2002

**Sex role reversal in *Julidochromis***  
REED COLLEGE BIOLOGY SEMINAR SERIES November 17 2006