

Anastasia K. Kellogg

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720-400-0934

EDUCATION

University of Texas El Paso May 2016	Master of Science in Bioinformatics GPA: 4.0	El Paso, TX
Colorado State University May 2013	Bachelor's of Science in Biological Sciences Statistics Minor	Fort Collins, CO

RELEVANT WORK EXPERIENCE

University of Texas El Paso Jan 2015 – May 2016	Graduate Research Assistant – GPCR Prediction Aids in design/development of a G-protein coupled receptor prediction server Writes Python scripts for reading in data and parsing GPCRpred results Provides biological knowledge in order to better tune GPCR prediction server Writes background information and instructions for GPCR prediction server	
University of Texas El Paso Oct 2014 – May 2016	Graduate Teaching Assistant – Elementary Statistical Methods Aids students in understanding statistical methods and applying them Assists professors in development of review materials for students Grades papers and provides constructive feedback for students	El Paso, TX
U.S. Department of Agriculture May 2015 – July 2015	Bioinformatics Summer Intern Used custom Python scripts and various other tools to predict GPCR proteins. Prepared abstract for paper to be published on this research Assembled the horn fly malphigian tube transcriptome Evaluated quality of the assemblies	Kerrville, TX
Varalakshmi Vissa May 2012 – June 2012 Jan 2013 – Mar 2013	Statistical Consultant – Leprosy Epidemiology Performed statistical analysis on epidemiological data Calculated risks of leprosy infection, due to water source and use Advised how to interpret results and methods	Fort Collins, CO
Jack Wylie, M.D. Dec 2011 – Jan 2012	Statistical Consultant – Orthopedic Treatment Performed statistical analysis on orthopedic data Calculated differences in recovery due to different treatments Provided results which were later publicly presented	Fort Collins, CO

HONORS AND AWARDS

Academic Advancement Center (CSU) Honors Recognition: 2010
National Reserve Champion Hippology Team: 2008
National 1st Place Individual Hippology (Stations Phase) Champion: 2008
National 3rd Place Horse Bowl Individual Champion: 2007
People to People International Student Ambassador: 2005

TECHNICAL SKILLS

Programming/Scripting Languages: Python, C++
Experience with Next Generation Sequencing data
Statistical Languages: R, SAS, MATLAB
Very proficient in Microsoft Office Suite (Excel, Word, Powerpoint)
Experience querying public databases (Uniprot, UCSC Genome Browser, GEO etc.)
Experience submitting sequences to NCBI

POSTER PRESENTATIONS

Predicting G-protein coupled receptors in the Rhipicephalus microplus synganglion Nov 2015
Presented at the 17th Joint UTEP/NMSU Workshop on Mathematics, Computer Science, and Computational Sciences

UTEP transcript available on request