



Sid Kiblawi

kiblawi@wisc.edu

Teaching Experience

TEACHING ASSISTANT, UNIVERSITY OF WISCONSIN, MADISON, WI- 2012-2014

- 3 semesters of Precalculus - Advanced Algebra
- 1 semester of Advanced Bioinformatics

TEACHING ASSISTANT, MARQUETTE UNIVERSITY, MILWAUKEE, WI – 2011-2012

- 2 semesters of Introductory Statistics
- 2 semesters of Advanced Probability

Research Experience

RESEARCH ASSISTANT, UNIVERSITY OF WISCONSIN, MADISON, WI JANUARY 2014-PRESENT

Current Work - Mark Craven Research Group

- Investigating the role that literature extraction plays on the biomedical domain.

Colin Dewey Research Group (Completed 08/2014)

- Analyzed the results of a large-scale orthology prediction program (orthoMCL) on enterobacteria data sets.

Caitlin Pepperell Laboratory (Completed 05/2014)

- Helped develop bioinformatic pipelines for lab personnel.
- Assembled servers that functioned within distributed computing network (HTCondor).

RESEARCH ASSISTANT, BLOOD CENTER OF WISCONSIN, MILWAUKEE, WI - JANUARY 2012-AUGUST 2012

Sridhar Rao Laboratory (Completed 08/2012)

- Helped identify Enhancer transcribed RNA (eRNA) enhancer regions in embryonic stem cells.
- Performed Gene Set Enrichment Analysis (GSEA) between two conditions: pluripotent ESCs vs. differentiated (RA-exposed) cells.

Publications

- Pulakanti K, Pinello L, Stelloh C, et al. Enhancer transcribed RNAs arise from hypomethylated, Tet-occupied genomic regions. *Epigenetics*. 2013;8(12):1303-1320. doi:10.4161/epi.26597.

Awards/Fellowships

- Advanced Computing Infrastructure Research Fellowship. University of Wisconsin. January- May 2014
- Biostatistics and Medical Informatics Fellowship. University of Wisconsin September 2014 - May 2015
- Genomic Sciences Trainee. University of Wisconsin. Jun 2015 - Present

Skills

Proficient in Java, C, Python

Familiar with web design elements such as HTTP, CSS, JavaScript

Familiar with suites such as Microsoft Office, Matlab

Education

University of Wisconsin, Madison, WI - PhD in Computer Science, Current

University of Wisconsin, Madison, WI - Master's Degree of Science, May 2014

- Major in Computer Sciences

Marquette University, Milwaukee, WI - Master's Degree of Science, May 2012

- Major in Bioinformatics

University of Wisconsin, Madison, WI – Bachelor's Degree of Natural Science, May 2010

- Double Major in Genetics and Biology

References

Available upon request