Andrew Quitadamo

Contact Information

8700 Pinnacle Cross Dr Apt 17
Huntersville, NC
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Education

University of North Carolina at Charlotte, Charlotte, North Carolina USA

Ph.D. Student, Bioinformatics and Genomics, August 2013 - present

University of New Hampshire, Durham, New Hampshire USA

B.S., Biochemistry, Molecular and Cellular Biology, May, 2013

Honors and Awards

University Scholar 2012, 2013

Research Experience

University of North Carolina at Charlotte

Shi Lab **January 2014 - present**
Developing network models of gene interactions, and eQTL analyses in cancer.

Janies Lab **August 2013 - December 2013**
Created a phylogenetic tree of Phlebotominae sandflies using multiple genetic markers.

University of New Hampshire

Thomas Lab **June 2012 - June 2013**
Undergraduate research assistant, studied DNA methylation in *C. elegans*.

Teaching Experience

Teaching Assistant **January 2015-May 2015**
BINF 6112/8112 - Bioinformatics Programming II
Taught lab section of Python programming

Undergraduate Teaching Assistant **January 2013-May 2013**
Supervised BMCB 755 - Laboratory in Biochemistry and Molecular Biology

PLTL Leader **September 2011 - May 2012**
Tutored small groups of students in introductory undergraduate physics.

Publications

Hall B, Quitadamo A, Shi X. "A Network Ensemble of microRNA and Gene Expression in Ovarian Cancer". Poster, Presented at: Biology of Genomes: 2015 May 5-9; Cold Spring Harbor Laboratory.

Quitadamo A, Tian L, Hall B, Shi X. "An Integrated Network of microRNA and Gene Expression in Ovarian Cancer". BMC Bioinformatics 2015, 16(Suppl 5):S5.

Tian L, Quitadamo A, Lin F, Shi X. "Methods for Population Based eQTL Analysis in Human Genetics". Tsinghua Science and Technology, 2014. 19(6): 624-634.

Quitadamo A, Tian L, Shi X. "A Network Approach for Integrative Analysis of Genomic Data in Ovarian Cancer". Poster, Presented at: Intelligent Systems for Molecular Biology: 2014 July 13-15; Boston MA.

Quitadamo A, Lin F, Tian L, and Shi X. "A microRNA-Gene Network in Ovarian Cancer from Genome-Wide QTL Analysis". The 10th International Symposium on Bioinformatics Research and Applications (ISBRA2014), Zhangjiajie, China, June 28-30, 2014.

Van Note A, Quitadamo A, Piemonte A, Ramsdell J, Cocchiola A, Okamoto K, Thomas WK. Role of DNA Methylation in Transposable Element Mobilization in *Caenorbabditis elegans*. Poster, Presented at: 14th Annual Undergraduate Research Conference; 2013 Apr 12-27; Durham, NH.

Social Media

Professional Blog: andrewquitadamo.github.io/blog

LinkedIn: linkedin.com/in/andrewquitadamo

Github: github.com/andrewquitadamo

Twitter: @andrewquitadamo