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

Grace-Lema DM, Yared S, Quitadamo A, Janies DA, Wheeler WC, Balkew M, Hailu A, Warburg A, Clouse RM. "A phylogeny of sand flies (Diptera: Psychodidae: Phlebotominae), using recent Ethiopian collections and a broad selection of publicly available DNA sequence data". Systematic Entomology 2015, 40(4): 733-744. doi: 10.1111/syen.12135

B Hall, A Quitadamo, X Shi. "A Graph Community Approach for Constructing microRNA Networks". Big Data Computing and Communications, 283-293.

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