Gregory J. Hunt

updated: October 29, 2018

Contact Information

Department of Mathematics
William & Mary
111 Jones Hall
200 Ukrop Way
Williamsburg, VA 23185

email: ghunt@wm.edu
phone: (203) 615-4731
web: www.ghunt.info

Positions

2019 –   Assistant Professor   Department of Mathematics, William & Mary

Education

2018	PhD	Statistics	University of Michigan	Advisor: Johann Gagnon-Bartsch
2015	MA	Statistics	University of Michigan	
2013	BA	Math., Comp. Sci.	Drew University	Advisor: Jon Kettenring

Publications

Working Papers

(1) G. J. Hunt, S. Freytag, M. Bahlo, J. A. Gagnon-Bartsch. dtangle: Accurate and Robust Cell Type Deconvolution. *Submitted*

(2) G. J. Hunt, M. A. Dane, L. M. Heiser, J. A. Gagnon-Bartsch. Transformations of Microenvironment Microarray Data Improves Discovery and Integration of Latent Effects. *In Preparation*

Software

(1) `dtangle`: Cell type deconvolution for high-throughput gene profiling technologies. cran.r-project.org/package=dtangle

(2) `dtangle.data`: annotated collection of high-throughput genomic data for deconvolution. www-personal.umich.edu/~gjhunt/dtangle.html

(3) Contributor to `glmm` in `statsmodels`: statistical modeling and econometrics in Python. github.com/statsmodels/statsmodels

Invited Presentations

G. J. Hunt, S. Freytag, M. Bahlo, J. A. Gagnon-Bartsch. dtangle: accurate and fast cell type deconvolution. *William & Mary Department of Mathematics.* December 2017. Williamsburg, VA.

Contributed Presentations

G. J. Hunt, S. Freytag, M. Bahlo, J. A. Gagnon-Bartsch. dtangle: a simple and fast cell type deconvolution estimator. *Joint Statistical Meetings.* August 2017. Baltimore, MD.

G. J. Hunt, S. Freytag, M. Bahlo, J. A. Gagnon-Bartsch. dtangle: a simple and fast cell type deconvolution estimator. *Michigan Student Symposium for Interdisciplinary Statistical Sciences.* March 2017. Ann Arbor, MI.

Teaching

William & Mary

| Spring 19 | CSCI 688 | Data Mining |
| Spring 19 | MATH 451 | Probability |

As Teaching Assistant (Univerisity of Michigan)

Summer 17		Big Data Summer Institute
Winter 17	STATS 415	Data Mining and Statistical Learning
Fall 16	STATS 408	Statistical Principles for Problem Solving: A Systems Approach.
Winter 16	STATS 408	Statistical Principles for Problem Solving: A Systems Approach.
Fall 15	STATS 403	Introduction to Quantitative Research Methods
Winter 15	STATS 485	Capstone Seminar
Fall 14	STATS 250	Introduction to Statistics and Data Analysis
Summer 14	STATS 250	Introduction to Statistics and Data Analysis
Winter 14	STATS 250	Introduction to Statistics and Data Analysis
Fall 13	STATS 250	Introduction to Statistics and Data Analysis

Mentoring

Undergraduate Students

| Evan Wong | EXTREEMS-QED Summer Research | 3/2018 – |

Professional Memberships

American Statistical Association

Service and Committees

Spring 19	Actuarial Advisor
Spring 19	Computers and Technology
Spring 19	Web Presence and Outreach
Spring 19	ASA Advisor for Student Chapter

Awards

Outstanding Graduate Student Instructor. Department of Statistics. 2016.