

A. Grant Schissler

Curriculum Vitae

WORK EXPERIENCE

CURRENT, FROM JUN 2013

Intern/Consultant at HTG Molecular, Tucson

Bioinformatics & Statistics

Completed a summer internship at a cutting-edge gene expression technologies company and transitioned to a consulting role. Working with a cross-disciplinary team to develop gene expression platforms, design and analyze experiments for process and technical improvement, analyze gene expression for clients, implement advanced R programming and visualization, communicate results to management and utilize current research findings in a practical setting.

CURRENT, FROM JUL 2012

Graduate Student/Teaching Assistant

at University of Arizona, Tucson

Pursuing Ph.D. in Statistical Informatics

Completed two years in the Graduate Interdisciplinary Program in Statistical Informatics. The program is regarded as a world leader in interdisciplinary research, providing exemplary theoretical and applied training. Research interests include large datasets, bioinformatics, genomics and evolutionary biology. Served as an instructor of Preparation for University-Level Mathematics and Statistical Foundations in the Information Age.

CURRENT, FROM JAN 2011

Independent Statistical Consultant

Dissertation/Research Statistical Support

Assisted in statistical methodology portions of dissertations focusing on teaching pedagogy, leadership, public health, and school reform. Developed experimental and observational study design, cleansed data, performed analysis using SPSS, SAS, and R, and prepared reports. Communicated rationale for methods and interpreted results through written and oral presentation.

JUL 2006 – MAY 2012

Mathematics Instructor

at Tri-Cities High School, East Point, GA

AP Statistics Instructor, Athletic Coach

Taught nearly every secondary mathematics course offered in Georgia. Specialized in AP Statistics and demonstrated an increase in testing success. Developed professional development for teachers. Displayed effective and dynamic oral presentation skills.

🏠 Bio5 Institute, University of Arizona
1657 E Helen St
Tucson, AZ 85721
📞 (404)226-7844
✉ grant.schissler@gmail.com

EDUCATION

2011 **Master of Science**

APPLIED STATISTICS

Kennesaw State University, Kennesaw, GA

2005 **Bachelor of Science**

APPLIED MATHEMATICS

Georgia Institute of Technology, Atlanta, GA

HONORS

Honors Graduate (Graduate GPA 4.0)

Kennesaw State University

Dean's List

Georgia Institute of Technology

COMPUTER SKILLS

Basic Knowledge VISUAL BASIC, L^AT_EX,
MINITAB, EMACS
HPC, BASH

Intermediate Knowledge SPSS, SAS, R,
Office Suite, ORG-MODE
MS Windows, GNU/LINUX

ASSOCIATIONS AND CERTIFICATIONS

ASSOCIATIONS American Statistical Association (ASA)

CERTIFICATIONS

Clear and Renewable Georgia Educator
Certificate Mathematics (6-12)

COURSES TAUGHT

UNIVERSITY Preparation for University-Level Math,
Statistical Foundations
in the Information Age

SECONDARY AP Statistics, GPS Advanced Algebra,
Discrete Math, Trigonometry,
Geometry, Algebra I,II, and III