

Tave Parker Doty, Ph.D.

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Education

- Expected
May 2017
- J.D. Candidate, *Texas A&M School of Law, Fort Worth, Texas*
- Symposia Editor, *Texas A&M Law Review* (2016 – 2017 publication year)
 - Vice-President, Intellectual Property Aggies (2015 – 2016)
 - Patent Bar-Eligible (sitting 2016)
- October 2011
Dissertation
- Ph.D. in Statistical Science, *Baylor University, Waco, Texas*
- Bayesian Topics in Biostatistics: Treatment Selection, Sample Size, Power, and Misclassification
- May 2009
- M.S. in Statistical Science, *Baylor University, Waco, Texas*
- May 2007
- B.S. in Psychology, Minor in Chemistry, Pre-Medicine, *Baylor University, Waco, Texas*
- Psi Chi, National Honor Society in Psychology
 - Baylor University Honor Council
 - Baylor University Academic Integrity Student Advisory Board
 - Golden Key International Honour Society

Professional Experience

- August 2016 To
Present
- Legal Intern** – Whitaker Chalk Swindle & Schwartz PLLC, Fort Worth, Texas
- John Allen Chalk.
- January 2016 To
Present
- Research Assistant** – Texas A&M University School of Law, Fort Worth, Texas
- Professor Vishnubhakat (Patent Law), Professor Eckstein (Water Law), Professor Calboli (Intellectual Property Law).
- December 2011 To
Present
- Owner** – Tave Parker Doty, Ph.D. Statistical Consulting, Grandview, Texas
- Working with a team of physicians to design and conduct a study concerning eyelid hygiene and blepharitis in children.
 - Manage daily business operations and finances.
- May 2011 To Present
- Operations Analyst** – P & D Operating, Inc., Grandview, Texas
- File monthly and annual reports with the State Comptroller & the Railroad Commission of Texas.
 - Manage daily operations for natural gas owner/operator company.
 - Perform on-site inspections.
 - Collect, analyze, and report production, cost, and tax data.
- January 2011 To
May 2011
- Statistical Consultant/Intern** – Scott & White Hospital, Temple, Texas
- Developed regression models to identify variables contributing to patient rehospitalizations, emergency room visits, and physician visits after discharge from the patients' first hospitalization for 14,491 Medicare beneficiaries for Patient Rehospitalization Study.
 - Investigated the incidence of sleep apnea in a cohort of renal transplant patients for Sleep Apnea Study.
 - Examined the effect of the mother's weight gain during pregnancy on the newborn's weight for Newborn Weight Study.
 - Performed literature review of the influenza vaccine.
- May 2009 To
December 2011
- Statistical Research Assistant** – Department of Veterans Affairs, Waco VA Medical Center, Waco, Texas
- Approved for security clearance.
 - Wrote statistical methodology portion of grants.
 - Conducted missing data evaluation for post-traumatic stress disorder (PTSD) studies.

- May 2009 To
December 2011
- Statistical Consultant** – Baylor University, Waco, Texas
- Reviewed statistical portions of grant proposals and theses for researchers and other Master’s and Ph.D. students.
 - Designed studies and data collection schemes for statistical data analysis in the areas of linear and logistic regression, sample size estimation, multivariate data analysis, time series analysis, data mining, and Chi-square Analysis.
 - Created surveys and followed protocol for work with human participants as part of a larger team.
- May 2008 To
May 2009
- Data Analyst** – Institutional Research Applications, Baylor University, Waco, Texas
- Prepared Baylor’s Southern Association of College & Schools (SACS) reaffirmation of accreditation documents and monitored compliance.
 - Analyzed and prepared reports and presentations for Baylor’s Study Abroad Evaluation Survey data.
 - Created and analyzed reports for Baylor University’s National Survey of Student Engagement (NSSE) data.
- August 2007 To
May 2008
- Teaching Assistant** – Department of Psychology and Neuroscience, Baylor University, Waco, Texas
- Taught laboratory section for an undergraduate introduction to descriptive and inferential statistic course for psychology major students.
 - Developed course material, lab lectures, homework assignments, and presentations. Assisted students with homework and preparation for exams. Proctored exams. Worked under close supervision of the main faculty for the course.
- August 2007 To
May 2008
- Statistical Lab Assistant** – Department of Statistical Science, Baylor University, Waco, Texas
- Assisted students with their assignments from traditional classroom sections, such as Quantitative Business Analysis, Biostatistics, Introduction to Statistics, and Research in Statistics.
- August 2007 To
December 2011
- Volunteer Tutor**
- Provided academic assistance to students in several courses in Mathematics/Statistics, including Algebra, Calculus, Trigonometry, Introduction to Statistics, Business Statistics, Quantitative Business Analysis, Calculus I, II, III, Pre-calculus, Elementary Mathematics, Biostatistics.
 - Helped students through the process of identifying business problems, suggesting statistical solutions, and constructing presentations for their projects.
 - Taught students how to develop the study skills necessary for academic success.

Community Involvement

- 2012 – Present
- Chairperson, FireFly Stage Committee, City of Grandview, Texas
Plan concerts for community, coordinate with artists and management, facilitate technical aspects and personnel management for event. Market events to potential sponsors and other community business leaders.
Work closely with City Council, Type A, Type B, and Planning & Zoning Committees to bring economic development and city revitalization to the City of Grandview.
- 2012 – 2014
- Volunteer, Wound Care Center, Texas Health Huguley Hospital
Fort Worth South.
- 2013 – 2014
- ER Guest Services Representative, Emergency Department,
Texas Health Huguley Hospital Fort Worth South.
- 2008 – Present
- American Statistical Association.

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Resume Supplement

Computer Software Proficiencies

General Microsoft Office (Access, Excel, PowerPoint, Word, Outlook), LaTeX

Statistical SAS, STATA, SPSS, SAS JMP, R, S-Plus, WinBUGS, MATLAB, Mathematica

Graduate Course Work

Linear Models
Regression Analysis
Time Series Analysis
Spatial Statistics
Bayesian Inference

Mathematical Statistics
Statistical Methods
Survival Analysis
Computational Statistics
Bioinformatics

Multivariate Statistics
Categorical Data Analysis
Large Sample Theory
Experimental Design
Clinical Trials Design