Contact Information	640 N. Broad St. Apt 734 Philadelphia, PA 19130	Phone: (610) 248-3022 E-mail: LBurns@temple.edu
Research Interests	Survival analysis, non-proportional hazards, microarray gene expression data analysis, high-dimensional data, dimension reduction.	
Education	 Temple University, Philadelphia, Pennsylvania Ph.D., Statistics, August 2017 Co-Advisors: Cheng Yong Tang, Ph.D, and Karthik Devarajan, Ph.D. (Fox Chase Cancer Center) M.S., Statistics, May 2013 Muhlenberg College, Allentown, Pennsylvania B.S., Mathematics and Economics, May 2011 	
ACADEMIC & Temple University Philadelphia Pennsylvania		
TEACHING EXPERIENCE	Assistant Professor	July 2017 - Present
	Instructor	January 2016 - June 2017
	Graduate Student Includes Ph.D. and Masters level co	August 2011 - August 2017 oursework.
	 Teaching Assistant: Business O Business Statistics (multiple sen Related Coursework: Probability ods I, II, III; Mathematics for St Genetics; Clinical Trials; Data I tical Inference I and II; Statistic 	Calculus (7 semesters); Primary Instructor for nesters). y and Statistical Theory I, II; Statistical Meth- atistics; Advanced SAS Programming; Bayesian Mining; Stochastic Processes; Advanced Statis- al Computing; Applied Multivariate Analysis.
	Research Assistant Consultant for the Center for Stati analyses, and create reports for var	August 2013 - May 2017 stical Analysis, where I manage data, conduct ious research projects.
	 Worked with the U.S. State D Afghanistan. Worked with faculty from the Modeling to study the complex self-efficacy, civic engagement and 	epartment on a project analyzing drug use in MIS department on a project using PLS Path relationship between general and technological ad entrepreneurial intentions in students.
Publications	 Das, K., Afriyie, P., Spirko, L. " lyzing Longitudinal Data from M of Biostatistics, 2015. Spirko-Burns L., Devarajan K. scale genomic studies with cense 36(11): 3409-3417. Spirko-Burns L., Devarajan K. large-scale 'omics' data with cense 	A Semiparametric Bayesian Approach for Ana- Iultiple Related Groups". <i>International Journal</i> "Unified methods for feature selection in large- ored survival outcomes." <i>Bioinformatics</i> . 2020; (In Press) "Supervised dimension reduction for ensored survival outcomes under possible non-

	proportional hazards" [published online ahe Trans Comput Biol Bioinform. 2020; doi:1	ead of print, 2020 Jan 10]. <i>IEEE/ACM</i> 0.1109/TCBB.2020.2965934.	
Conference Presentations	• "Unified Methods for Variable Selection in Large-Scale Genomic Studies with Censored Survival Outcomes," Joint Statistical Meetings, Baltimore MD, July 2017.		
	 "Supervised Dimension Reduction for Large-Scale Genomic Data with Censored Survival Outcomes Under Possible Non-proportional Hazards," Joint Statistical Meetings, Vancouver, July 2018. 		
	• "Methods for Handling Correlated Covariat Joint Statistical Meetings, Denver, July 20	es in Integrative Genomics Analysis," 119.	
Honors and Awards	 e 2020 Faculty Award, Tokyo EMBA Program e Faculty of the Program Award, MSBA program (2020) e CAFSBM Award for Excellence in Teaching by a Doctoral Student (2013). e JSM 2017 Student Paper Award, Section on Statistical Learning and Data S 		
	ence.FSBM PhD Research Competition - First Place (October 2017).		
TEACHING	Temple University, Philadelphia, PA	August 2011 - Present	
Experience	• Undergraduate Courses: STAT 1001 Quantitative Methods for Business I; STAT 1102 Quantitative Methods for Business II; STAT 1902 Honors Quantitative Methods for Business II; STAT 2103 Statistical Business Analytics; STAT 0827 Statistical Reasoning and Games of Chance.		
	• Graduate Level Courses: STAT 5401 Foundations for Data Analytics; STAT 5001 Quantitative Methods for Business; STAT 5607 Advanced Business Analytics; STAT 5801 Statistical Analysis for Management.		
	Lasalle University, Philadelphia, PA A	ugust 2013 - December 2015	
	• Adjunct Instructor: Intermediate Algebra	and Applied Business Calculus	
	Delaware County Community College, Media,	PA May 2013 - July 2015	
	• Adjunct Instructor: Intermediate Algebra, to Stat and Prob, Statistics I	Modern College Mathematics, Intro	
Computer Skills	Statistical Software: R; some experience wLanguages: Python, some use of Linux she	ith SAS. ell scripts.	