

## **Vita**

**Fotios K. Kokkotos, Ph.D., PStat**  
**Accredited Professional Statistician by ASA**  
<https://www.linkedin.com/in/fotioskokkotos/>

### **Current Positions:**

Associate Professor of Practice, Data Science & Analytics, Merrimack College  
Board Member of the American Statistical Association Accreditation Committee  
Independent consultant

### **Education:**

Ph.D., Statistics, American University, Washington DC  
M.S., Statistics, Wright State University, Dayton, OH  
B.S., Mathematics, Wright State University, Dayton OH

### **Academic/Professional Achievements and Accomplishments**

Accredited Professional Statistician awarded by the American Statistical Association  
(2011)

Founding member of the faculty committee for the creation of Merrimack College's Data  
Science Undergraduate and Graduate Programs

### **Teaching Experience:**

#### **Graduate Courses:**

Advanced Topics in Linear Models, Applied Statistics Program  
Machine Learning, Data Science & Analytics Program  
Foundations of Statistical Analysis, Data Science & Analytics Program  
Foundations of Statistics for Engineers, Project Management Engineering Program  
Predictive Modeling, Data Science & Analytics Program  
Prescriptive & Predictive Analytics, Data Science & Analytics Program  
Data Governance, Laws & Ethics, Data Science & Analytics Program

**Undergraduate Courses:**

Advanced Topics in Data Science  
 Foundations of Data Science  
 Introduction to Basic Statistics  
 Honors Directed Study of Analytics in Sports Management  
 Honors Directed Study of Data Science and Mathematics

**Development of Courses Experience:**

Graduate Courses: Machine Learning, Predictive Modeling, Foundations of Statistics, Prescriptive and Predictive Analytics, Data Governance, Laws & Ethics

Undergraduate Courses: Advanced Topics in Data Science, Foundations of Data Science I and II

**Professional Experience:**

Associate Professor of Practice, Data Science, Merrimack College	2017 -
Chief Data Officer, Muzit	2017 - 2021
Adjunct Faculty of Statistics, Wright State University	2019 - 2020
Partner, Head of Data Science, Trinity LLC	2002 - 2020
Senior Statistician, PricewaterhouseCoopers, LLC	1996 - 2001
Adjunct Lecturer of Statistics, American University	1999 - 2002
Statistical Research Intern, Battelle Memorial Institute	1994 - 1996

**Computer Skills:**

Languages and Software: R, RSTUDIO, PYTHON, SAS  
 Spreadsheets: Excel, Access  
 Operating Systems: Windows, SQL, NOSQL

### **Selected Publications/Papers/Presentations:**

“Regional Trends in the Cost of Transurethral Bladder Tumor Resection in the Hospital Outpatient and Physician Office Settings,” to be presented at ASCO Genitourinary Cancers Symposium, February 2022 (co-authored with Buser H, An A, Ferrara K)

“Measuring the Impact of Geriatric Care Among Medicare Beneficiaries,” ISPOR Boston Meetings, May 2017

“Preparing Statisticians for the Workplace,” Harvard University, October 2015

“An Observational Study of Glycemic Control in Canagliflozin Treated Patients,” paper was published in Curr Med Res Opin. 2015; 31:1479-1486 (co-authored with Meckley LM, Miyasato G, Bumbaugh J, Bailey RA)

“The value of specialty pharmaceuticals – a systematic review,” paper was published in Journal of Managed Care, June 1, 2014 (co-authored with Zalesak M, et. al.)

“Prevalence of Hepatic Outcomes among Medicare beneficiaries Diagnosed with Chronic Hepatitis C virus,” ISPOR New Orleans Meetings 2013

“Prevalence of Hepatic Outcomes among Commercially-Insured Patients Diagnosed with Chronic Hepatitis C virus,” ISPOR New Orleans Meetings 2013

“Uninsured Chronic Hepatitis C patients and their Cost Implications under the Affordable Care Act,” ISPOR New Orleans Meetings 2013

“Characteristics of Medicare Beneficiaries with Chronic Hepatitis C virus,” ISPOR New Orleans Meetings 2013

“Prevalence of Chronic Hepatitis C virus and Commonly-Associated Comorbidities within a Large US Commercially-Insured Population,” ISPOR New Orleans Meetings 2013

“Is there an Overuse of Computed Tomography Scanning of Patients in US hospitals? A review of evidence by mining the CMS institutional database,” ISPOR Europe 2012, ASA Statistical Consulting 2013

“Understanding the Impact of the Medicare Modernization Act of 2003 on the Delivery of Oncology Patient Care,” PMSA May 2012 Selected Presentation

“Estimating Cost of Treatment in Elderly Patients with Colorectal Cancer,”  
International Society for Pharmacoeconomics and Outcomes Research (ISPOR),  
16<sup>th</sup> Annual Meeting Poster Presentation, 2011  
(Co-authored with Z. Wang, S. Shen, Y. Zhang)

“Red Blood Cell Transfusion Utilization in Medicare Discharges with Elective  
Total Knee Replacement,” American Association of Blood Banks (AABB)  
Meeting Poster Presentation, 2010  
(Co-authored with R. Bailey, M. Kerr, E. Boswell, M. Senbetta)

“Regional Variation in Red Blood Cell Transfusion Utilization in Elective Total  
Hip Replacement in Medicare Beneficiaries,” Society for the Advancement of  
Blood Management (SABM) Meeting Poster Presentation, 2010  
(Co-authored with R. Bailey, M. Kerr, E. Boswell, M. Senbetta)

“Recent Erythropoiesis Stimulating Agent Utilization and Costs in Medicare  
Patients with Chronic Kidney Disease,” National Kidney Foundation, Spring  
Clinical Meetings Poster Presentation, 2010  
(Co-authored with R. Bailey, M. Kerr, S. Shen, M. Senbetta, R. McKenzie)

“Recent Erythropoiesis Stimulating Agent Utilization Costs in Medicare Patients  
with Cancer Receiving Chemotherapy, ISPOR 15<sup>th</sup> Annual Meeting Poster  
Presentation, 2010  
(Co-authored with R. Bailey, M. Kerr, S. Shen, M. Senbetta, R. McKenzie)

“Ratio Estimation of the mean with unequal probability samples”, Joint Statistical  
Meetings, 2009  
(Co-authored with R. Little and E. Boswell)

“Universal Portfolios and Multiplicative Updates,” Doctoral Dissertation, 2006  
(Advisors: J. Nolan, A. White)

“A Comparison of Automated Investment Strategies,” Joint Statistical Meetings,  
2005  
(Co-authored with A. White)

“Estimating the parameters of an autoregressive process,” Mid-Atlantic  
Probability and Statistics Conference, American Statistical Association,  
Washington DC, 2001

“NHTSA Heavy Vehicle Driver Workload Assessment Analysis,” paper was  
sponsored by the US Department of Transportation and the US National Highway  
Traffic Safety Administration, 1995  
(Co-authored with L. Tijerina, S. Kiger, T. Rockwell, C. Tornow, J. Kinatader)

**Activities:**

Past Chair of the Program Committee, Boston Chapter of the American Statistical Association (ASA)

Board Member of the Accreditation Committee of the ASA

Corporate Advisory Board Member of Bentley University Master's Program in Business Analytics

Member of the American Statistical Association (ASA)

Member of the Hellenic Statistical Institute (ESI)

Past Member and Paper Reviewer of the International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

Ex-Board Member of the Washington Statistical Society (WSS)

Past Member of the Science Fair Judging Committee of WSS

Past Member of the Scientific Evidence Committee of the American Bar Association