

**CURRICULUM VITAE**  
**PANAGIOTA (YIOTA) KITSANTAS, PhD**

---

George Mason University  
College of Health and Human Services  
Department of Health Administration and Policy, 1J3  
Fairfax, VA 22030-4444  
Office tel. # (703) 993-9164  
E-mail: pkitsant@gmu.edu

---

**EDUCATION**

Ph.D. in Statistics (2003), Florida State University, Specialization: Biostatistics and Epidemiology  
M.S. in Statistics (2000), Florida State University  
M.S. in Health Sciences (1999), James Madison University, Specialization: Epidemiology  
B.A. in Biology (1996), Queens College of the City University of New York

---

**SELECTED AWARDS RELATED TO TEACHING, ADVISING/MENTORING & RESEARCH**

May 2014      Recipient of the 2014 Shirley S. Travis Habit of Excellence Award  
May 2014      Recipient of the College of Health and Human Services Master Teacher Award  
April 2014     Recipient of the George Mason University Teacher of Distinction Award  
March 2014    Recipient of the Career Connection Faculty Award for outstanding impact on students' career goals, career plans and graduate school preparation  
February 2014 Nominated for the George Mason University Student Excellence Mentoring Award  
December 2013 Received a Faculty Study Leave Award for 2014-2015

---

**ACADEMIC APPOINTMENTS**

**GEORGE MASON UNIVERSITY**

FAIRFAX, VA

**College of Health and Human Services, Department of Health Administration and Policy**

2016-Present    Professor (Tenured)  
PhD Advisor and Mentor; Coordinator of the Quality Improvement & Outcomes Management in Health Care Systems (QIOM) Certificate  
Maintain a research agenda that addresses maternal and child health; Serve as a biostatistician on several projects; Teach PhD and Masters-level courses in statistics and research methods for health services research, health administration and health informatics students; Direct or serve as a member in doctoral dissertation committees; Supervise individual directed studies; Advise students; Mentor junior faculty; Participate/organizing conferences/meetings; Participate in departmental, college and University committees

- 2010-2016 Associate Professor (Tenured)  
Coordinator of the Masters in Health Administration (MHA) Risk Management/Patient Safety Concentration (RM/PS) and Quality Improvement & Outcomes Management in Health Care Systems (QIOM) Certificate  
Coordinate the MHA concentration in RM/PS, and coordinate the certificate program in QIOM; Teach Masters-level courses in statistics for health care providers and administrators; Supervise or serve as a member in doctoral dissertation committees; Supervise individual directed studies; Advise students; Mentor junior faculty; Participate in organizing conferences/meetings; Participate in departmental, college and university committees; Maintain a research agenda that addresses health issues in maternal and child health; Serve as a biostatistician on several projects.
- 2006-2010 Assistant Professor (Tenure Track),  
Coordinator of the MHA Risk Management/Patient Safety Concentration and QIOM Certificate, College of Health and Human Services, Department of Health Administration and Policy; Taught Masters-level courses in statistics; Supervised or served as a member in doctoral dissertation committees; Supervised individual directed studies; Served on college and university committees; Conducted research related to maternal and child health.

**EAST CAROLINA UNIVERSITY**

GREENVILLE, NC

- 2003-2006 Assistant Professor (tenure track), Department of Mathematics Statistics Program  
Taught Masters level courses in applied statistics, and undergraduate courses in introductory statistics and business statistics; Supervised and directed under graduate student projects; Participated in university, college and department committees; Participated in community related services.
- 2003-2006 Consultant, Department of Mathematics, Statistics Program North Carolina State Center for Health Statistics; Provided consulting services in statistical analysis of data sets and participated in the design of various studies which focus on the evaluation of health related programs implemented across the State of North Carolina. Collaborated with many teams on various health related research projects.
- East Carolina University: Provided consulting services in designing studies, data collection and analysis, and collaborated on various projects with faculty from the Departments of Allied Health Sciences and Social Work.

---

**OTHER TEACHING/RESEARCH RELATED POSITIONS**

**FLORIDA STATE UNIVERSITY**

TALLAHASSEE, FL

- 2002-2003 Research Assistant, Department of Statistics  
Performed data analysis using meta-analytic and survival analysis methodologies to assess risk of coronary heart disease, stroke and cancer in diverse populations such as the Framingham Cohort and Offspring Study, NHANES I, Honolulu Study and many others. Evaluated the interactive nature of various risk factors of coronary heart disease and cancer

by utilizing data mining techniques such as classification and regression trees. Prepared multiple reports on result interpretation and presentation.

- 2002-2003 Consultant, Department of Statistics  
Provided statistical consultation to graduate students from various disciplines including biology, nursing and psychology on experimental, sampling and questionnaire design, data collection and data analysis. Common use of statistical methods during consultations included simple descriptive analyses, mixed and random effects models, survival modeling, logistic regression, discriminant and path analysis, and tree-structured methods.
- 1999-2002 Instructor, Department of Statistics  
Taught business statistics, statistics for social sciences, and introductory statistics all at the undergraduate level. Students consistently ranked my teaching style as one of the best within the Department of Statistics.
- 
- 

#### **REFEREED MANUSCRIPT PUBLICATIONS (\*publications with students)**

- Irvin K. \*, Fahim F. \*, Alshehri, S. \*, & Kitsantas P. (in press). Family Structure and Children's Unmet Health Care Needs. *Journal of Child Health Care*.
- Gaffney, K.F., Brito, A., Kermer, D., & Kitsantas, P. (2018). Sensitive Timing for Risk of Overweight among Infants of Low Income Hispanic Immigrants. *Journal of Pediatric Health Care*, 32(1), 76-84.
- Palla, H. \*, & Kitsantas, P. (2017). Mode of Delivery and Breastfeeding Practices. *International Journal of Pregnancy and Child Birth*, 2(6), 1-7.
- Gaffney, K.F., Brito, A., Kitsantas, P., & Kermer, D.A. (2016). Feeding practices and weight status at one year of age: A comparison of Hispanic immigrant mother-infant dyads with participants of the infant feeding practices study II. *Childhood Obesity*, 12(5): 384-391.
- Gimm, G., & Kitsantas, P. (2016). Falls, Depression, and Other Hospitalization Risk Factors for Adults in Residential Care Facilities. *Journal of Aging and Human Development*, 83: 144-162
- Kitsantas, P., & Aguisanda, F. \* (2016). Risk of Asthma among Adolescents with Obesity Exposed to Environmental Tobacco Smoke. *Journal of Asthma*, 53(1), 25-29.
- AL-Dossary, R. \*, Kitsantas, P. & Maddox, P.J. (2016). Residency Programs and Clinical Leadership Skills Among New Saudi Graduate Nurses Journal of Professional Nursing. *Journal of Professional Nursing*, 32(2), 152-158.
- AL-Dossary, R. \*, Kitsantas, P. & Maddox, P.J. (2016). Clinical Decision-Making among New Graduate Nurses Attending Residency Programs in Saudi Arabia. *Applied Nursing Research*, 29, 25-30.
- Cantiello, J., Kitsantas, P., Moncada, S. \*, & Abduhl, S. \* (2016). The Evolution of Quality Improvement

- in Healthcare: Patient-Centered Care and Health Information Technology Applications. *Journal of Hospital Administration*, 15(2), 62-68.
- Kitsantas, P., Gallo, S., Palla, H.,\* Nguyen, V.,\* & Gaffney, K.F. (2016). Nature and Nurture in the Development of Childhood Obesity: Early Infant Feeding Practices of Overweight/Obese Mothers Differ Compared to Mothers of Normal Body Mass Index. *Journal of Maternal-Fetal & Neonatal Medicine*, 29(2), 290-293.
- Kornides, M.\*, Kitsantas, P., Lindley, L., & Wu, C.\* (2015). Factors associated with young adults' pregnancy likelihood. *Journal of Midwifery & Women's Health*, 60(2), 158-168.
- Kitsantas, P. (2015). The Bonifacio Hospital: reforming psychiatric hospital care. *Hektoen International, A Journal of Medical Humanities*, 7(1).
- Kitsantas, P., Gaffney, K.F., & Wu, H.\* (2015). Identifying high-risk subgroups for alcohol Consumption among younger and older pregnant women. *Journal of Perinatal Medicine*, 43(1), 43-52.
- Kitsantas, P., Gaffney, K.F., Castello, J.\*, & Wu, H.\* (2014). Determinants of alcohol cessation, reduction and no reduction during pregnancy. *Archives of Gynecology and Obstetrics*. 289(4), 771-779.
- Gimm, G., Kitsantas, P., Cantiello, J.K., & Carle, A. (2014). Resident Characteristics and Chronic Health Conditions in Assisted Living Communities. *Seniors Housing & Care Journal*, 22(1) 82-96.
- AL-Dossary, R.\*, Kitsantas, P. & Maddox, P.J. (2014). The impact of residency programs on new graduate's clinical decision-making and leadership skills: A systematic review. *Nurse Education Today*. 34(6), 1024-1028.
- Gaffney, K.F., & Kitsantas, P., Brito, A. (2014) Baby Steps in the Prevention of Childhood Obesity: IOM Guidelines for Pediatric Practice. *Journal of Pediatric Nursing*. 29(2), 108-113.
- Gaffney, K.F., & Kitsantas, P. , Brito, A., & Swamidoss, C.S.\* (2014). Postpartum depression, infant feeding practices and infant weight gain at six months of age. *Journal of Pediatric Health Care*, 28(1), 43-50.
- AL-Dossary, R.\*, & Kitsantas, P. (2014). The impact of diabetes nurse case management on Hemoglobin A<sub>1c</sub>(HgbA<sub>1c</sub>) and self-efficacy of patients with type 2 diabetes: A systematic review. *Journal of Clinical Research & Governance*, 3(1), 9-15.
- Kornides, M.\*, & Kitsantas, P. (2013). Evaluation of Breastfeeding Promotion, Support, and Knowledge of Benefits on Breastfeeding Outcomes. *Journal of Child Health Care*, 17(3), 264-273.
- Kitsantas, P., Kornides, M.\*, Cantiello, J., & Wu, H.\* (2013). Chronic physical health conditions among Children of Different Racial/Ethnic Backgrounds. *Public Health*, 127(6),546-553.
- Kitsantas, P., & Christopher, K.\* (2013). Smoking and Respiratory Conditions in Pregnancy: Associations with Adverse Pregnancy Outcomes. *Southern Medical Journal*, 106(5), 310-315.

- Kitsantas, P., & Wu, H.\* (2013). Body Mass Index, Smoking, Age and Cancer Mortality among Women: A Classification Tree Analysis. *The Journal of Obstetrics and Gynecology Research*, 39(8), 1330-1338.
- Kitsantas, P., Gaffney K.F., & Cheema, J.\* (2012). Life Stressors and Barriers to Timely Prenatal Care for Women with High Risk Pregnancies Residing in Rural and Non-Rural Areas. *Women's Health Issues*, 22(5), e455-460.
- Kitsantas, A., Kitsantas, P., & Kitsantas, T. (2012). Assessing College Student Interest in Math and/or Computer Science in a Cross-National Sample Using Classification and Regression Trees. *The International Education Journal: Comparative Perspectives*, 11(2), 45-58.
- Gaffney, K.F., Kitsantas, P., Cheema, J.\* (2012). Clinical practice guidelines for feeding behaviors and weight-for-age in late infancy: A secondary analysis of the Infant Feeding Practices Study II. *Worldviews on Evidence-Based Nursing*, 94(4), 234-242.
- Kitsantas, P., Gaffney, K.F., & Kornides, M.\* (2012). Prepregnancy body mass index, socioeconomic status, race/ethnicity, and breastfeeding practices. *Journal of Perinatal Medicine*, 40(1), 77-83.
- Marshall R., & Kitsantas, P. (2012). Stability and Structure of CART and SPAN Search Generated Data Partitions for the Analysis of Low Birth Weight. *Journal of Data Science*, 10, 61-73.
- Kitsantas, P., & Gaffney K.F., Bunch, S., & Franklin, P.\* (2011). Maternal race, weight for gestational age and infant survival. *Journal of Neonatal-Perinatal Medicine*, 4(4), 353-361.
- Kornides, M.\*, Kitsantas, P., Yang, Y.T., Villarruel, A.M. (2011). Factors Associated with Obesity in Latino Children: A Review of the Literature. *Hispanic Health Care International*, 9(3), 127-136.
- Kitsantas, P., Pawloski, L.R, Gaffney, G. (2010). Maternal Prepregnancy Body Mass Index in Relation to Hispanic Preschooler Overweight/Obesity. *European Journal of Pediatrics*, 169(11), 1361-1368.
- Kitsantas, P., & Gaffney K.F.(2010). Risk Profiles for Overweight/Obesity among Preschoolers. *Early Human Development*, 86(9), 563-568.
- Pawloski, L.R., & Kitsantas, P. (2010). Determinants of overweight and obesity in Thai adolescent girls. *The International Journal of Medicine*, 3(2), 352-356.
- Kitsantas, P., & Gaffney K.F. (2010). Racial/ethnic disparities in infant mortality. *Journal of Perinatal Medicine*, 38, 87-94.
- Kitsantas, P., & Pawloski, L.R. (2010). Maternal obesity, health status during pregnancy and breastfeeding initiation and duration. *Journal of Maternal-Fetal & Neonatal Medicine*, 23(2), 135-164.
- Taxman, F.S., & Kitsantas, P. (2009). Availability and access to substance abuse programs in correctional settings: A classification and regression tree analysis. *Drug and Alcohol Dependence*, 103, S43-S53.

- Landon, B., Reschovsky, J.D., Pham, H.H., Kitsantas, P., Wojtusiak II, J., & Hadley, J (2009) Creating a Parsimonious Typology of Physician Financial Incentives. *Health Services and Outcomes Research Methodology*, 9(4), 219-233.
- Cartwright, W.S., Kitsantas, P., & Rose, S.R. (2009). A demographic-economic model for adolescent substance abuse and crime prevention. *Journal of Comparative Social Welfare*, 25(2), 157-172.
- Kitsantas, P. (2009). The Impact of a previous child death on subsequent birth outcomes in a racially/ethnically diverse sample. *The international Journal of Medicine*, 2(1), 204-207.
- Kitsantas, P. (2008). Ethnic differences in infant mortality by cause of death. *Journal of Perinatology*, 28(8), 573-579. (Featured Article)
- Pawloski, L.R, & Kitsantas, P. (2008). Using classification trees to predict Stunting in Malian adolescent girls. *American Journal of Human Biology*, 20(3), 285-291.
- Kitsantas P. (2008). Underlying and multiple causes of death in preterm infants. *Journal of Data Science* 6(1), 125-134.
- Kitsantas, P., Kitsantas, A., & Anagnostopoulou, T. (2008). A Cross-cultural investigation of college student alcohol consumption: A classification trees analysis. *The Journal of Psychology: Interdisciplinary and Applied*, 142,5-20.
- Kitsantas, P., Kang, E.\* , & Yang, L.\* (2007). Root cause analysis and Bayesian networks of down syndrome and necrotizing enterocolitis. *Quality Management in Health Care* 16(4), 328-335.
- Kitsantas, P., Hollander, M., & Li, L. (2007). Assessing the stability of classification trees. *Journal of Statistical Planning and Inference* 137(12), 3917-3929.
- Kitsantas, P., Moore, T., & Sly, D.F. (2007). Using classification trees to profile adolescent smoking behaviors. *Addictive Behaviors* 32(1), 9-23.
- Kitsantas, P., Hollander, M., & Li, L. (2006). Assessing adverse birth outcomes via classification trees. *Artificial Intelligence in Medicine*, 38(3), 275-289.
- Kitsantas, P., Kitsantas, A., & Kitsantas, T. (2006). Self-Regulation and web-based pedagogical tools. *Academic Exchange Quarterly*, 10(4), 210-215.
- Kitsantas, A., & Kitsantas, P. (2005). Predicting children's use of health enhancing behaviors: Do parental socioeconomic status, health knowledge, and self-regulation matter? *Polish Psychological Bulletin*, 36(1), 17-23.
- Kitsantas, A., Ware, H., & Kitsantas, P. (2005). Observational studies. *Encyclopedia of Social Measurement*, Volume 2: 913-918.
- Weathers, M.D., Kitsantas, P., Lever, T., O'Brien, P., Campbell, S., & Rastatter, M. (2004). Recognition accuracy and reaction time of focal expressions of emotion by African-American and Euro-American college women. *Perceptual and Motor Skills*, 99, 662-668.

Kitsantas, P., Kitsantas, A., & Travis, H.R. (2000). Occupational exposures and associated health effects among sanitation landfill employees. *Journal of Environmental Health*, 63(5), 17-24. (Featured Article).

Kitsantas, A., & Kitsantas, P. (2000). Journal of Environmental Health QUIZ for continuing education (CE) credit for NEHA credentials, The National Environmental Society, Denver, CO. *Journal of Environmental Health*, 63(5), 41-42.

---

### REFEREED ABSTRACTS (\*with students)

Kitsantas, P., Gaffney, K.F., & Wu, H.\* (2014). Risk Profiles of Pregnant Women Who Consume Alcohol During Pregnancy. *Annals of Epidemiology*, 24(9), 699.

Kitsantas, P., Gaffney, K.F., & Wu, H.\* (2013). Identifying high-risk subgroups for alcohol consumption among younger and older pregnant women. *Journal of Women's Health*, 22(3), 33.

Kitsantas, P., & Wu, H\* (2012). Body Mass Index, Smoking, Age and Cancer Mortality among Women: A Survival Tree Analysis. *Journal of Women's Health*, 21(4), 53.

Kitsantas, P. (2011). Rural and urban differences in prenatal care utilization among high-risk pregnancies. *Journal of Women's Health*, 20(3), 16.

Dugan, N. \*, Cochran, J.W., Callahan C., Krywicki, K., O'Mara, S., Whitson, M., Montgomery, R., Munoz, R., Mancini, B., Kitsantas, P., Cheema, J. \*, Patel, J.\* (2011). No Risk of Increased Risk of Symptomatic Intracerebral Hemorrhage among Sub-therapeutic Warfarin Patients Treated with Tissue Plasminogen Activator. *Stroke*, 42(3), E236

Gaffney, K.F., Kitsantas, P., Cheema, J.\* (2011). Infant Feeding Practices and Weight-for-Age at 12 Months: Results From the Infant Feeding Practices Study II . *Journal of Pediatric Health Care*, 25(5), e21-e22.

Kitsantas, P. (2009). Profiling overweight/obesity among preschoolers: A data mining approach. *Annals of Epidemiology*, 19(9), 661-662.

Pawloski, L.R., & Kitsantas P., (2009). Social determinants of overweight in Thai adolescent girls. *American Journal of Human Biology*, 21(2), 264-265.

Kitsantas P., & Pawloski, L.R. (2008). Assessing determinants of stunting among Malian adolescent girls using classification trees. *American Journal of Human Biology*, 20(2), 225-225.

Kitsantas, P. (1999). Occupational exposures and associated health effects among sanitation landfill employees. *Journal of Environmental Health*, 62, 24-24.

---

### INVITED BOOK REVIEWS

Kitsantas P. (2014). Review of Statistics in Health Sciences. Jones & Bartlett Learning

Kitsantas P. (2004). Guided Review of the Statistics Text: Bluman, A. Elementary Statistics: A Step by

Step Approach, 2004. McGraw-Hill Higher Education.

Kitsantas P. (2004). Guided Review of the Statistics Text: Lind, D.A., Marchal, W.G., Wathen, S. A. Statistical Techniques in Business & Economics, 2004. McGraw-Hill Higher Education.

---

### REFEREED PROCEEDINGS

Palla, H.\*, Kitsantas, P. (2014). Breastfeeding practices and mode of delivery. *Proceedings of the 9<sup>th</sup> Breastfeeding and Feminism Symposium, Chapel Hill, North Carolina.*

Nguyen, V.\*, Kitsantas, P. (2013). Early infant feeding practices among mothers with high body mass index. *Proceedings of the 8<sup>th</sup> Breastfeeding and Feminism Symposium, Chapel Hill, North Carolina.*

Kitsantas, P. (2009). Identifying Early Determinants of Overweight/Obesity Among Preschoolers: A Comparison of Classification Trees, Multivariate Adaptive Regression Splines, and Logistic Regression. *Proceedings of the American Statistical Association, Case studies in Epidemiology, Washington DC.*

Kitsantas, P., Taxman, F., & Perdoni, M.\*, Breslin, D.\* (2008). Predicting Access Rates to Substance Abuse Programs in Correctional Facilities Using Regression Trees: *Proceedings of the American Statistical Association, Section on Statistics in Epidemiology, Denver, Colorado.*

Kitsantas, P., Kitsantas, A., & Anagnostopoulou, T. (2006). A Cross-Cultural Investigation of College Student Alcohol Consumption: A Classification Trees Analysis: *Proceedings of the American Statistical Association, Section on Statistics in Epidemiology, Seattle, Washington.*

Kitsantas P. (2006). Identifying High-Risk Subgroups for Smoking Dependency and Alcohol Consumption among Adolescents: a Classification Tree Analysis. *Proceedings of the International conference in Statistical Methods for Biomedical and technical Systems, Cyprus, Greece*

Kitsantas, P., Hollander, M., & Li, L. (2005). Stability of classification trees. In: *Proceedings of the Fifth St. Petersburg Workshop on Simulation* (Eds. S.M. Ermakov, V.B. Melas, and A.N. Pepelyshev) NII Chemistry Saint Petersburg University Publishers, 359-366.

Kitsantas, P., Moore, T., & Sly, D.F. (2004). The use of classification trees in profiling smokers and smoking intention among adolescents. In: *Proceedings of the American Statistical Association, Section on Statistics in Epidemiology, Toronto, Canada.*

Kitsantas, P. (2003). Assessing adverse birth outcomes via classification trees. *Proceedings of the American Statistical Association, Section on Statistics in Epidemiology, 2179-2184, San Francisco, CA.*

---

### MANUSCRIPTS SUBMITTED FOR PUBLICATION (\*with students)

Kitsantas, P., Gaffney, K., Nirmalrag, L.\*, & Sari, M.\* (revisions pending). The influence of maternal life stressors on breastfeeding outcomes: A population-based study. *Journal of Maternal-Fetal & Neonatal Medicine.*



Gaffney, K.F., Brito, A., Kitsantas, P., Kermer, D., Pereddo, G.\*, & Ramos, K.\* (under review). Institute of Medicine early infant feeding recommendations for childhood obesity prevention: Implementation by immigrant mothers from Central America. *Journal of Pediatric Nursing*

Zare, M.\*, Narayan, M.\*, Lasway, A.\*, Kitsantas, P., & Wojtusiak, J. (under review). The influence of adverse childhood experiences on anxiety and depression in children 6-11 years old. *Journal of Public Mental Health*.

Christopher, K.E., Kitsantas, P., Kiara K.S., Robare, J.F., Hanfling, D. (under review) Implications of prenatal exposure to the spring 2011 Alabama and Missouri tornadoes on birth outcomes. *Disaster Medicine and Public Health Preparedness*.

Soylu, T.\*, ElAshkar, E.\*, Aloudah, F.\*, Ahmed, M.\*, Kitsantas, P. (under review). Racial/ethnic differences in health insurance adequacy and consistency among children: Evidence from the 2011/12 National Survey of Children's Health. *Journal of Health Disparities Research and Practice*.

---

### WORKS-IN-PROGRESS

Kitsantas, P., Sari, M. (in progress). Differences in health status among premature children.

Kitsantas, P. Assessment and comparison of classification schemes for survival related data sets.

---

### RESEARCH AWARDS

2017-2018 Agency for Healthcare Research and Quality (AHRQ), subcontract with Virginia Commonwealth University. Evidence NOW: Advancing Heart Health in Primary Care, Heart of Virginia Healthcare. PI: Deborah Goldberg, Biostatistician: Panagiota Kitsantas, \$414,755

2014-2018 National Institutes of Health (R15): Rapid Weight Gain among Infants of Low Income Hispanic Immigrant Mothers. PI; Kathleen Gaffney, Co-I: Panagiota Kitsantas, funded \$445,704

2017 (in progress) National Institute on Alcohol Abuse and Alcoholism (R03): Prenatal Alcohol Consumption and Maternal and Infant Health. PI: Panagiota Kitsantas, Co-I: Kathleen Gaffney, pending \$50,000.

2013-2014 U.S. Department of Veterans Affairs, Office of Research & Development: Artificial Intelligence in Data Analysis. PI: Janusz Wojtusiak, Co-I: Panagiota Kitsantas, \$200,000.

2012-2014 The Assisted Living Federation of America (ALFA): Quality of life indicators among residents in assisted living communities. PI: Gilbert Gimm, Co-I: Panagiota Kitsantas, funded, \$97,000.

2012-2014 Mason-Inova Fund: Predictors of Excessive Weight Gain among Infants of Low Income Hispanic Mothers: A Comparison with the National Infant Feeding Practices Study-II. PI: Kathleen Gaffney, Co-I: Panagiota Kitsantas, funded, \$49,000.

- 2012-2013 Foundation for Alcohol Research: Determinants of Alcohol Reduction and Cessation during Pregnancy. PI: Panagiota Kitsantas, Co-I: Kathleen Gaffney, funded, \$37,000.
- 2011-2013 National Vaccination Information Center: Child Health Outcomes, Vaccination Patterns and Familial Genetic Risk. PI: Vicky Debold, Co-I: Panagiota Kitsantas, funded, \$70,000.
- 2010-2013 National Vaccination Information Center: Comparison of Health and Utilization Outcomes among Fully and Never Vaccinated Children. PI: Vicky Debold, Biostatistician: Panagiota Kitsantas, funded, \$50,000.
- 2010-2011 GMU Office of the Vice President, Research & Economic Development: Novel risk factors and management strategies for transient ischemic attack (TIA) and stroke: The INOVA Fairfax Stroke Database. PI: Panagiota Kitsantas, Co-PI: Richard Benson, funded, \$10,000.
- 2007-2008 U.S. Department of Education's National Center for Education Statistics. The 2008 ECLS-B Training Seminar: The role of Maternal pregravid BMI in overweight and obesity among preschoolers. PI: Panagiota Kitsantas, \$1,000.
- 2007-2008 National Institute of Drug Abuse, Development opportunity/contract (Department of Criminal Justice, GMU): Availability and access to substance abuse programs in correctional settings. PI: Faye Taxman, Biostatistician: Panagiota Kitsantas, funded \$40,000.
- 2007-2008 George Mason University, Summer Research Funding for Tenure-Track Faculty, Office of the Vice President Research and Economic Development: Fetal growth and onset of delivery in infants with birth defects, PI: Panagiota Kitsantas, funded, \$5,600.
- 2005-2006 East Carolina University, College Research Award: Assessing the role of intrauterine growth retardation in preterm births among infants with birth defects. PI: Panagiota Kitsantas, Sabbatical.

#### **REFEREED CONFERENCE SYMPOSIA, PAPERS, AND POSTERS (\*with students)**

- Soylu, T.\*, ElAshkar, E.\*, Aloudah, F.\*, Ahmed, M.\*, Kitsantas, P. (2017). Racial/ethnic differences in health insurance adequacy and consistency among children: Evidence from the 2011/12 National Survey of Children's Health. Poster presentation at the CHHS Research Day, GMU Fairfax campus, VA.
- Kitsantas, P., Nirmalrag, L.\*, & Sari, M.\* (2017). The influence of maternal life stressors on breastfeeding outcomes. Poster presentation at the Breastfeeding and Feminism International Conference, Chapel Hill, North Carolina.
- Aguisanda, F.\*, & Kitsantas, P. (2015). Risk of asthma among adolescents with obesity exposed to environmental tobacco smoke. Poster presentation at the 2015 American College of Epidemiology, Atlanta, GA.
- Kitsantas, P., & Palla, H.\* (2015). Breastfeeding practices among women with labor/birth complications.

- Poster presentation at the Breastfeeding and Feminism International Conference, Chapel Hill, North Carolina.
- Kitsantas, P., Gaffney, K., & Wu, H.\* (2014). Risk Profiles of Pregnant Women Who Consume Alcohol During Pregnancy . Poster presentation at the 2014 Annual Meeting American College of Epidemiology, Silver Spring, MD.
- Cantiello, J.K., Carle, A, Gimm, G., & Kitsantas, P. (2014). Assisted living resident characteristics: differences by community size using the 2010 National Survey of Residential Care Facilities. Poster presentation at the 2014 Academy Health Annual Research Meeting, San Diego California.
- Palla, H.\*, & Kitsantas, P. (2014). Breastfeeding practices and mode of delivery. Poster presentation at the Breastfeeding and Feminism International Conference, Chapel Hill, North Carolina
- Kitsantas, P., Gaffney, K., & Wu, H.\* (2013) Identifying high-risk subgroups for alcohol consumption among younger and older pregnant women. Poster presentation for the 21<sup>st</sup> Annual Congress, Academy of Women's Health, Women's Health 2013, Washington, DC.
- Nguyen, V.\*, & Kitsantas, P. (2013). Early infant feeding practices among obese and overweight mothers. Presentation at the 8<sup>th</sup> Breastfeeding and Feminism Symposium, Chapel Hill, North Carolina.
- Carle, A., Cantiello, J.T., Gimm, G., & Kitsantas, P. (2013). Assisted living, "Quality of Life" study. Presentation at ALFA Public Policy and Annual Conference, Washington, DC.
- Kitsantas, P., Gaffney, K.F., & Wu, H.\* (2012). Alcohol use during pregnancy: Cessation, reduction and non-reduction. Poster presentation for the 18th Annual Maternal and Child Health Epidemiology Conference, San Antonio, TX
- Kitsantas P., & J. Cantiello (2012). Factors influencing differences in prevalence of chronic physical health conditions among children. Presentation at the Academy Health: Child Health Interest Group, Orlando, FL.
- Gaffney, K.F. & Kitsantas, P. (2012). Postpartum depression, infant feeding practices, and weight gain through 7 Months of Age. Poster presentation for the annual CHHS Research Day, March 23. Received Best Faculty Research Award.
- Kitsantas, P., Wu, H.\* (2012). Body mass index, smoking, age and cancer mortality among women: A survival tree analysis. Poster presentation at the Women's Health 2012: The 20<sup>h</sup> Annual Congress, Washington, DC
- Franklin, P.F.\*, Gaffney, K., Kitsantas, P., Nicogossian, A. (2012). Dissertation proposal development examining breastfeeding intensity and early childhood weight gain patterns. Poster presentation for the annual CHHS Research Day, Fairfax, VA.
- Franklin, P.F.\*, Gaffney, K., Kitsantas, P., Nicogossian, A. (2011). Dissertation proposal development examining breastfeeding intensity and early childhood weight gain patterns. Poster presentation for the Sigma Theta Tau, International Nursing Honor Society 41<sup>st</sup> Biennial Convention. Grapevine, TX.

- Gaffney, K.F., & Kitsantas, P. (2011). Postpartum depression, infant feeding practices, and infant weight gain. Poster presentation for the 17th Annual Maternal and Child Health Epidemiology Conference, New Orleans, LA.
- Lindley, L., & Kitsantas, P. (2011). Factors associated with young adults' future pregnancy expectations. Paper presentation at the American Public Health Association 2011 Annual Conference, Washington DC.
- Kornides, M.\*, & Kitsantas, P. (2011) Evaluation of breastfeeding promotion, support, and knowledge of benefits on breastfeeding outcomes. Poster presentation at the American Public Health Association Annual Conference, Washington DC.
- Kitsantas, P. (2011). Risk Profiles for Overweight/obesity among Preschoolers: A Classification Tree Analysis. Fifth Annual International Conference on Mathematics, Statistics and Math Education. Poster presentation, Athens, Greece.
- Kitsantas, P. (2011). Rural and urban differences in prenatal care utilization among high-risk pregnancies. Poster presentation at the Women's Health 2011: The 19<sup>th</sup> Annual Congress, Washington, DC.
- Gaffney, K.F., Kitsantas, P., & Cheema, J.\* (2011). Infant Feeding Practices and Weight-for-Age at 12 Months: Results from the Infant Feeding Practices Study II. Paper presentation at the National Association of Pediatric Nurse Practitioners 2011 Annual Conference, Baltimore, MD.
- Kornides, M.\*, & Kitsantas, P. (2011). Evaluation of Breastfeeding Promotion, Support and Knowledge of Benefits on Breastfeeding Outcomes. Poster presented at the Breastfeeding and Feminism 2011 Symposium, Chapel Hill, NC.
- Patel, T.H., Callahan, C., O'Mara, S., Krzywicki, K., Montgomery, R., Mancini, B., Kitsantas, P., Whitson, M., Munoz, R., Cochran II, J.W., Cheema J., Dugan, N.M (2011). Demographic study of ischemic stroke patients treated With Tpa From 2004 To 2010: Are there disparities related to race, gender and insurance status? International Stoke Association 2011, American Heart Association, Los Angeles, CA.
- Dugan, N.M., Cochran, J.W., Callahan, C., Krzywicki, K., O'Mara, S., Whitson, M., Montgomery, R., Munoz, R., Mancini, B., Kitsantas, P., Cheema, J., Patel, T.H. (2011). No risk of increased risk of symptomatic intracerebral hemorrhage among sub-therapeutic warfarin patients treated with tissue plasminogen activator. International Stoke Association 2011, American Heart Association, Los Angeles, CA.
- Kitsantas, P. & Gaffney K.F. (2010). Overweight/obesity among preschoolers. Paper presentation for the 16th Annual Maternal and Child Health Epidemiology Conference. San Antonio, TX.
- Gaffney, K.F., Kitsantas, P., & Cheema, J\*. (2010). Examination of the Relationship between Feeding Practices and Late Infancy Weight-For-Age. Poster presentation for the 16th Annual Maternal and Child Health Epidemiology Conference. San Antonio, TX.
- Kitsantas, P. & Gaffney K.F. (2010). Maternal Obesity, Race/Ethnicity, Socioeconomic Status and Breastfeeding Practices. Poster presented at the Breastfeeding and Feminism 2010: Informing Public Health Approaches Symposium, Greensboro, NC.
- Kitsantas, P. & Gaffney K.F. (2009). Racial/ethnic differences in infant mortality: Evidence from North

- Carolina. Poster presented at the Annual Maternal and Child Health Epidemiology (MCH EPI) Conference, Tampa, FL.
- Kitsantas, P., & Pawloski, L.R. (2009). Maternal obesity, health status during pregnancy and breastfeeding initiation and duration. Paper will be presented at the American Public Health Association, Philadelphia, PA.
- Kitsantas, P. (2009). Profiling overweight/obesity among preschoolers: A data mining approach. Poster presentation presented at the American College of Epidemiology, Silver Spring, MD.
- Kitsantas, P. (2009). Identifying Early Determinants of Overweight/Obesity Among Preschoolers: A Comparison of Classification Trees, Multivariate Adaptive Regression Splines, and Logistic Regression. Poster presented at the American Statistical Association, Case studies in Epidemiology, Washington DC.
- Kitsantas, A., Kitsantas, T., & Kitsantas, P. (2009). Predictors of College Student Interest in the Sciences: A Cross-National Comparison. Poster presented at the American Psychological Association, Toronto, CA.
- Pawloski, L.R., & Kitsantas P. (2009). Social determinants of overweight in Thai adolescent girls. Poster presented at the American Human Biology, Chicago, IL.
- Kitsantas, P., & Taxman, F. (2008). Uncovering complex relationships of factors that impact offenders' access to substance abuse programs: A regression tree analysis. International Conference on Outcomes Measurement Confirmation, Bethesda, Maryland.
- Kitsantas, P., Taxman, F., Perdoni, M.\*, & Breslin, D.\* (2008). Predicting Access Rates to Substance Abuse Programs in Correctional Facilities Using Regression Trees: American Statistical Association, Section on Statistics in Epidemiology, Denver, Colorado.
- Kitsantas P. (April 2008). The Impact of Food Insecurity on Infant and Toddler Development: A Longitudinal Analysis. Research Day, College of Health and Human Services, George Mason University, Fairfax VA.
- Kitsantas P. (March 2008). Classification and Regression Trees (CART): Methodology, Software and Applications. Research Presentations, The College of Health and Human Services, George Mason University, Fairfax VA.
- Kitsantas, P., & Pawloski, L.R. (2008). Assessing determinants of stunting among Malian adolescent girls using classification trees. Paper presented at the Human Biology Association Meetings April, Columbus, OH.
- Kitsantas P. (April 2007). Advanced Statistical Methodology – Classification Trees. Research Day, The College of Health and Human Services, George Mason University, Fairfax VA.
- Marchall, R., & Kitsantas, P. (2007). Identification of risk groups for low birth weight: Comparison of CART and a search method, SPAN. A poster presentation at the International Society for Clinical Biostatistics., Alexandroupouli, Greece.
- Kitsantas P. (2006). Identifying High-Risk Subgroups for Smoking Dependency and Alcohol

Consumption among Adolescents: a Classification Tree Analysis. A paper presentation at the International conference in Statistical Methods for Biomedical and technical Systems, Cyprus, Greece

Kitsantas, P.(2006). Using classification trees to profile adolescent smoking behaviors. An invited presentation -Colloquium Series, Department of Statistics, George Mason University, Fairfax , VA.

Kitsantas, P., Kitsantas, A., & Anagnostopoulou, T. (2006). A Cross-Cultural Investigation of College Student Alcohol Consumption: A Classification Trees Analysis. American Statistical Association, Section on Statistics in Epidemiology, Seattle, Washington.

Kitsantas, P., Hollander, M., & Li, L. (2005). Stability of classification trees. A paper presentation at the Fifth St. Petersburg Workshop on Simulation, St. Petersburg, Russia.

Kitsantas, P., Meyer, B.,& Buescher, P. (2005). Ethnic Disparities in Infant Mortality Risk factors by Cause of Death.Paper presented at the American Public Health Association, Philadelphia, PA.

Weathers, M.D., & Kitsantas, P. (November, 2004). *Recognition of Vocal Expressions of Emotion*. Paper presented at the American Speech Language Hearing Association, Philadelphia, PA.

Kitsantas, P., Sly, D.F., & Moore T.W. (August, 2004). *The Use of Classification Trees in Profiling Smokers and Smoking Intention among Adolescents*. Paper presented at the Joint Statistical Meeting, Toronto, Canada.

Kitsantas, P., & Stang, A.\* (March, 2004). *Ethnic Differences in Perinatal Outcomes among Hypertensive Pregnancies*. Poster presented at the 2nd annual East Carolina University Undergraduate Research and Creative Activities Symposium, Greenville, NC.

Kitsantas, P. (August, 2003). *Assessing Adverse Birth Outcomes via Classification Trees*. Paper presented at the Joint Statistical Meeting, San Francisco, CA.

Kitsantas, P. (June, 2003). *Stability Issues in Classification Tree Models*. Paper presented at the Classification Society of North America Annual Meeting, Tallahassee, FL.

Moore, T.W., Kitsantas, P., & Sly, F.D. (November, 2002). *Risk-Behavioral Correlates of Youth Smoking and the Moderating Influences of Salient Referents and Family-Related Context*. Paper presented at the National Conference on Tobacco or Health, San Francisco, CA.

Kitsantas, P. (July, 1999). *Occupational Exposures and Health Effects among Landfill Workers*. An invited presentation at the National Environmental Health Association , Nashville, TN

---

## **SERVICE AND PROFESSIONAL ACTIVITIES**

### **DEPARTMENT/COLLEGE/UNIVERSITY**

2015-Present	<u>PhD Advisor</u>	PhD program in Health Services Research	<i>Health Administration &amp; Policy (HAP)</i>
2008-Present	<u>Advisor</u>	Certificate in Quality Improvement and Outcomes Management in Health Systems	<i>HAP Department</i>
2008-Present	<u>Advisor</u>	Risk Management/Patient Safety Concentration in MHA degree	<i>HAP Department</i>
2015-Present	<u>Chair</u>	Faculty Matters Committee	<i>HAP Department</i>
2014-Present	<u>Chair</u>	Task force committee on evaluation of quantitative courses	<i>College of Health &amp; Human Serv (CHHS)</i>
2013-Present	<u>Member</u>	Program Evaluation & Improvement Committee	<i>HAP Department</i>
2010-Present	<u>Member</u>	Promotion, Tenure & Retention Committee	<i>HAP Department</i>
2006-2013	<u>Chair/Member</u>	Faculty Council Committee	<i>CHHS</i>
2008-2011	<u>Member</u>	Academic Program Review Committee	<i>George Mason University</i>
2006-2009	<u>Member</u>	Faculty Search Committee	<i>HAP Department</i>
2006	<u>Member</u>	Research Day Task-Force Committee	<i>CHHS</i>
2004-2006	<u>Member</u>	Research Ethics Oversight	<i>East Carolina University</i>
2005-2006	<u>Chair</u>	Teaching Committee	<i>Department of Mathematics East Carolina University</i>
2003-2006	<u>Member</u>	Undergraduate Committee	<i>Department of Mathematics East Carolina University</i>
2003-2006	<u>Member</u>	ECU Undergraduate Chapter of the NC Rural Health Coalition	<i>Free clinic in Hobgood, NC Hobgood, NC</i>

### **PROFESSIONAL ASSOCIATIONS**

Member American Public Health Association

2012-Present Member of the APHA Maternal & Child Health Section Committee & Abstract Reviewer

Member American Statistical Association

Member American College of Epidemiology

2012-Present Member of the Career Mentoring Committee

Member Maternal & Child Health Epidemiology, CDC, Abstract reviewer

### **SELECTED JOURNAL REVIEWER (30 TOTAL), EDITORIAL BOARDS**

2009-Present	Member	Editorial Board	<i>Council for Exceptional Children Journals</i>
2009-Present	Member	Editorial Board	<i>Health Care Management, Economic and Policy Journal</i>
2014-Present	Reviewer	Journal of Asthma	
2014-Present	Reviewer	PLOS ONE	
2010-Present	Reviewer	Southern Medical Journal	
2010-Present	Reviewer	Public Health Nutrition	
2009-Present	Reviewer	Journal of Women's Health	
2009-Present	Reviewer	Journal of Perinatology	
2012-Present	Reviewer	JAMA Pediatrics	
2005-Present	Reviewer	Artificial Intelligence in Medicine	
2009-Present	Reviewer	Human Reproduction	
2005-2012	Statistical Consultant	Unpaid statistical services to Hellenic Institute of Health & Psychology North Carolina State Center for Health Statistics	

---

### **COURSES TAUGHT**

#### **George Mason University**

HAP 998  
HAP 868  
HAP 819

Doctoral Research Proposal  
Advanced Seminal in Health Policy Analysis  
Advanced Statistics in Health Services Research II



HAP 710	Advanced Statistics in Health Services Research I
HAP 690	Independent study (graduate students)
HAP 645	Introduction to Health Services Research
HAP 602	Business Statistics in Health Services Management
HAP 499	Independent study (undergraduate students)

**East Carolina University**

MATH 5031	Applied Statistics/Epidemiology
MATH 2283	Statistics for Business Students
MATH 2228	Elementary Statistical Methods I
MATH 3229	Elementary Statistical Methods II

**Florida State University**

STAT 1013	Statistics by Example
STAT 2122	Statistics for Social Sciences
STAT 3014	Statistics for Business

**DISSERTATION AND THESIS ADVISING/STUDENT MENTORING**

**DOCTORAL COMMITTEES (served as a Co-Chair and member)**

2015-Present	Randa Merizian, PhD Candidate. A screening health fair in churches and mosques to assess cardiovascular health in Arab Americans
2014-Present	Susie Smith, PhD Candidate. Assessing the relationship between care coordination and health outcomes in a patient centered medical home among adults with type 2 Diabetes
2013-2017	Kenneth Christopher, PhD Candidate. Hurricane and tornado disaster related prenatal stress on pregnancy outcomes
2012-2015	Reem Al-Dossary, PhD. Residency programs and clinical decision-making and leadership skills among new graduate nurses in Saudi Arabia
2012-2014	Suzy T. Fehr, PhD. Predicting medical surgical nurses' intention to use handheld technological devices at the point of care
2010-2013	Patricia Franklin, PhD. Weight gain patterns birth to three years of age among enrollees of the Women, Infant, and Children (WIC) Supplemental Food Program
2010-2013	<i>Carol Swamidoss</i> , RNC, MPH, <i>PhD</i> . Women's health identification of perinatal factors that predict postpartum depression
2010-2012	Herbert Wolfe, PhD. An assessment of Navy Medicine's Homeland Defense, emergency preparedness, civil support and humanitarian assistance disaster response capabilities
2008-2010	Linda Royer, PhD. Empowerment and commitment of public health nurses in the workplace
2007-2009	Suzanne Brown Rotolo, RN, PhD. The injury profile of the sexually assaulted female

- 2006-2008 Elham Al-Ateeq, PhD. The relationship between registered nurses' perceptions of their work environment and their perceptions of patient safety culture
- 2006- 2008 Denise S, Pope, PhD, RN. Nursing career satisfaction of underrepresented minority and non-minority registered nurses in the Metropolitan Washington Region

**PROJECTS/INDEPENDENT STUDIES & MENTORING WHILE AT GMU**

- 2014-Present Hira Palla, OSCAR Undergraduate Research Assistant, NIH Fellow
- 2013-Present Vi Nguyen, Health Policy Student, independent study & other projects
- 2014-Present Francis Aguisanda, Independent study & other projects, NIH Fellow
- 2012-Present Melanie Kornides, Independent study & other projects, PhD Candidate
- 2013-Present Kenneth Christopher, Independent study & other research projects
- 2012-Present Jehanzeb Cheema, Research Assistant
- 2011-2015 Carol Wu, Research Assistant
- 2010-2010 Nassiry Khadijah, Research Assistant
- 2009-2010 Patricia Frankin, Independent study
- 2009-2010 Blake Johnson, Research Assistant
- 2008-2009 Kelly Nichole Demory, Independent study, Research Assistant
- 2007-2008 Deanna Breslin, Independent Study, Research Assistant
- 2006-2007 Li Yang, Independent study, Research Assistant
- 2006-2007 Esther Kang, Independent study

Serve/Served as a **GRADUATE STUDENT ADVISOR** for **at least 40 students** in the Risk Management and Patient Safety MHA concentration and the Certificate in Quality Improvement and Outcomes Management in Health Systems

Served on several thesis committees and independent studies during my time at East Carolina University.

---