

DECEMBER 2017

## CURRICULUM VITAE

**Georgiana Onicescu**

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**Phone: 269-387-1434**

### EDUCATION

<b>Institution/ Location</b>	<b>Years</b>	<b>Degree</b>	<b>Field of study</b>
Medical University of South Carolina Charleston, USA	2010 - 2015	PhD	Biostatistics
Johns Hopkins Bloomberg School of Public Health Baltimore, USA	2004-2006	Sc.M.	Biostatistics
University of Bucharest Bucharest, Romania	2002-2004	Post-Graduate	Computer Science
University of Bucharest Bucharest, Romania	1996-2001	B.Sc.	Applied Mathematics
Ienachita Vacarescu High School Targoviste, Romania	1992-1996	Baccalaureate	High School

### CERTIFICATIONS

- 2007 - present SAS Certified Advanced Programmer Credential for SAS 9
- 2007 - present SAS Certified Base Programmer Credential for SAS 9
- 2001 - present English-Romanian and French-Romanian translator and interpreter,  
certificates given by the Department of Justice and the Department of Culture, Romania

### RESEARCH

#### Faculty appointments

<b>Years</b>	<b>Rank</b>	<b>Institution</b>
August 2015 - Present	Assistant Professor	Western Michigan University Department of Statistics
<b>Years</b>	<b>Rank</b>	<b>Institution</b>
2008-2010	Research Associate	Medical University of South Carolina Hollings Cancer Center Department of Biostatistics and Epidemiology

#### Other professional research appointments

<b>Years</b>	<b>Position</b>	<b>Institution</b>
July 13, 2015 - August 16, 2015	PostDoctoral Scholar	Medical University of South Carolina Department of Public Health
2006-2007	Biostatistician	Johns Hopkins School of Public Health, Institute for Global Tobacco Control
2003-2004	Principal Expert	National Institute of Statistics, Romania

#### Other research experience

<b>Years</b>	<b>Position</b>	<b>Institution</b>
2011 - 2015	Graduate Assistant	Medical University of South Carolina, Biostatistics
2005 - 2006	Research Assistant	Johns Hopkins, Inst. for Global Tobacco Control

**TEACHING****Professional teaching appointments**

<b>Years</b>	<b>Position</b>
2002-2003	Teacher of Mathematics (High School level), Eugen Lovinescu High School, Romania
2001-2002	Teacher of Mathematics (High School level), Matei Basarab National College, Romania

**Other teaching experience**

<b>Years</b>	<b>Position</b>
2011, 2012	Teaching Assistant, Medical University of South Carolina (2 semesters)
2008 - 2015	Teaching Assistant, Medical University of South Carolina Introduction to Bayesian Disease Mapping Workshop, taught by Dr. Andrew Lawson
2008 - 2015	Teaching Assistant, Medical University of South Carolina Advanced Bayesian Disease Mapping Workshop, taught by Dr. Andrew Lawson
June 2006	Teaching Assistant, Johns Hopkins School of Public Health Summer Institute of Biostatistics and Epidemiology
2005-2006	Teaching Assistant, Biostatistics, Johns Hopkins School of Public Health

**EXAMINING COMMITTEE MEMBER AT WMU**

Students graduating with a PhD degree in statistics:

1. Chenyang Shi, Statistics (Graduation: 2017)
2. Puntipa Wanitjirattikal, Statistics (Graduation: 2017)

Students graduating with a PhD degree in other department:

1. since Fall 2017: Bezawit Agiro, PhD in Applied Economics

**STUDENTS ADVISED ON RESEARCH PROJECTS at WMU**

1. Summer I: Eunice Ampah, Statistics (Research topic: Bayesian spatio-temporal model of brain, cranial nerves and other nervous system cancers and air pollution)
2. Spring 2016: Puntipa Wanitjeerattikal (Research topic: Beyond the Winners/Losers Scenario in Theorizing How Warfare Gets under Mens Skin: DNA Methylation Changes Associate with Culturally Salient Combat Variables.)
3. Summer I, Fall 2017: Jenny Chen (Research Topic: Spatial analysis of radon in Michigan)

**SUMMARY OF CLASSES TAUGHT at WMU**

Prefix	Course number	Title	Semester	No. Credits	No. students
STAT	5610	Applied Multivariate Statistical Methods	Fall 2015	3	17
STAT	6030	Fundamentals of Biostatistics	Spring 2016	3	13
STAT	6050	Fundamentals of Clinical Trials	Summer I 2016	3	16
STAT	4640	Introduction to statistical computing	Fall 2016	3	34
STAT	6800	SAS programming	Fall 2016	3	17
STAT	6030	Fundamentals of Biostatistics	Spring 2017	3	28
STAT	6640	Design of experiments	Spring 2017	3	25
STAT	6050	Fundamentals of Clinical Trials	Summer I 2017	3	17
STAT	4640	Introduction to Statistical Computing	Fall 2017	3	25
STAT	6800	SAS Programming	Fall 2017	3	31

**MEMBERSHIP IN PROFESSIONAL/SCIENTIFIC SOCIETIES**

2008 - 2015 Eastern North American Region, International Biometrics Society (ENAR)

Since 2010: American Statistical Association (ASA)

**AWARDS, HONORS, MEMBERSHIP IN HONORARY SOCIETIES**

- 2016 CAS Interdisciplinary Research Award, Western Michigan University
- 2015 Outstanding Presentation Award, South Carolina (SC) Chapter of the American Statistical Association (ASA) Palmetto Symposium, Columbia, S.C., March 6, 2015.
- 2010 Dean's fellowship (tuition and stipend) for first year PhD graduate studies (biostatistics), Medical University of South Carolina (USA)
- 2003 Scholarship, Summer School on Modern Methods in Biostatistics and Epidemiology, Treviso, Italy
- 2003 Definitive Grade in Teaching, Bucharest, Romania
- 1999-2000 Erasmus Scholarship (European Union student exchange program) Haute Alsace University, Mulhouse, France
- 1998 - present Member of the National Foundation "Henry Coanda"
- 1995 Diploma of Honorable Mention, the "Republican Mathematics Contest", the 39th Edition, Chisinau, Moldavia Republic
- 1994 Diploma of Honorable Mention, the inter-district mathematical contest "Spiru-Haret-Gh. Vranceanu"
- 1994 Diploma of Honorable Mention, the final edition of the annual contest "Mathematical Gazette Solvers," 25th edition, Pitesti, Romania
- 1993 Second Prize, the final edition of the annual contest "Mathematical Gazette Solvers"

**STUDY SECTIONS**

Grant Reviewer for the 2008 ACS-IRG

Grant Reviewer for the 2009 ACS-IRG

2009-2010: Member and ad-hoc reviewer of the Hollings Cancer Center Protocol Review Committee

**PROFESSIONAL SERVICE**

2011 - present: Ad-hoc article reviewer for *Spatial and Spatio-Temporal Epidemiology*.

2015 - present: Ad-hoc article reviewer for *Statistics in Medicine*.

2015 - present: Ad-hoc article reviewer for *Statistical Methods in Medical Research*.

2015 - present: Ad-hoc article reviewer for *International Journal of Environmental Research and Public Health*.

2016 - present: Ad-hoc article reviewer for *Atmosphere*.

2016 - present: Ad-hoc article reviewer for *Journal of Applied Statistics*.

2016 - present: Ad-hoc article reviewer for *Scientific Reports*.

2016 - present: Ad-hoc article reviewer for *Computational Statistics & Data Analysis*.

Fall 2017 - Spring 2018 Guest Editor for the *Spatial and Spatio-temporal Epidemiology* journal, special issue on Spatial Survival

May 2017 Academic Program Review, Michigan State University, PhD Biostatistics program proposal

November 13, 2017 Participated at the Medallion Competition Observer Training, Western Michigan University

November 20, 2017 Participated in a new editor training webinar, EVISE, *Spatial and Spatio-temporal Epidemiology Journal*

**COMMUNITY SERVICE**

since 2017: Volunteer as Area Representative for the "Youth for Understanding", an organization which facilitates educational exchanges for youth from around the globe. Roles included: Fall 2017 - ongoing: Area representative for Krijgsman, Johanna (an Education Select student attending Western Michigan University)

**COMMITTEE/UNIVERSITY INVOLVEMENT AT WMU**

1. Faculty Search Committee, 2015-2016
2. Faculty Search Committee, 2016-2017
3. Recruitment Committee, since 2016
4. Judge at the 2017 Research and Creative Activities Poster and Performance Day, April 13, 2017, Western Michigan University, Kalamazoo, MI
5. Participation at the Medallion Competition, December 3rd 2016
6. Since 2016: Advisor for the Data Science student club, Department of Statistics, Western Michigan University
7. Seminar committee, 2016-2017
8. DGE exam committee, Summer I 2017
9. Volunteer for testing the new PAR system, August 11, 2017
10. Faculty Senates Academic and Information Technology Council committee (ongoing since Fall 2017)

**BOOK CHAPTERS**

Onicescu, G. and Lawson, A. B. (2016) Bayesian Modeling and Inference in Lawson, A. B., Banerjee, S., Haining, R., Ugarte, L. (eds) Handbook of Spatial Epidemiology, CRC Press, New York.

**PUBLICATIONS****Submitted (attributed to WMU)**

**Onicescu G**, V. Valdmans. Spatial analysis on the effect of economic recession in Michigan

**Onicescu G**, Lawson AB, Zhang J, Gebregziabher M, Wallace K and Eberth JM. Spatially-explicit Survival Modeling with Discrete Grouping of Cancer Predictors. Manuscript submitted for publication. 2017

**Onicescu G**, Lawson AB. Bayesian cure-rate survival model with spatially structured censoring. Suryawanshi RY, Hawk K, Farzad RR, **Onicescu G**, Zhang T, Essani K, and Szymczyna RB. Quick Codon Count: Automatic Processing of Poxvirus Genomic Data for Statistical Analyses. 2017

**Peer Reviewed Journal Articles (attributed to WMU)**

21. **Onicescu G**, Lawson AB. Bayesian cure-rate survival model with spatially structured censoring. *J Appl Stat.* 1:18, 2017; .

20. **Onicescu G**, Lawson AB, Zhang J, Gebregziabher M, Wallace K and Eberth JM. Bayesian Accelerated Failure Time Model for Space-Time Dependency in a Geographically Augmented Survival Model. *Stat Methods Med Res.* 2015; PMID: 26220537.

**Peer Reviewed Journal Articles (attributed to MUSC and JHSPH)**

19. **Onicescu G**, Lawson AB, McDermott S, Aelion MC, Cai B. Bayesian importance parameter modeling of misaligned predictors: soil metal measures related to residential history and intellectual disability in children. *Environ Sci Pollut Res Int.* 2014; PMID: 24888618; PMCID: PMC4163093; .
18. Lawson AB, **Onicescu G**, Ellerbe C. Foot and mouth disease revisited: re-analysis using Bayesian spatial Susceptible-Infective-Removed models. *Spat Spattemporal Epidemiol.* 2011; 2(3):185-94; PMID: 22748177; .
17. Mehrotra S, Al-Khami AA, Klarquist J, Husain S, Naga O, Eby JM, Murali AK, Lyons GE, Li M, Spivey ND, Norell H, Martins da Palma T, **Onicescu G**, Diaz-Montero CM, Garrett-Mayer E, Cole DJ, Le Poole IC, Nishimura MI. A Coreceptor-Independent Transgenic Human TCR Mediates Anti-Tumor and Anti-Self Immunity in Mice. *J Immunol.* 2012; 189(4):1627-38; PMID: 22798675; PMCID: PMC3674773; .
16. Kasman L, **Onicescu G**, Voelkel-Johnson C. Histone deacetylase inhibitors restore cell surface expression of the coxsackie adenovirus receptor and enhance CMV promoter activity in castration-resistant prostate cancer cells. *Prostate Cancer.* 2012; 2012:137163; .
15. Carter CL, **Onicescu G**, Cartmell KB, Sterba KR, Tomsic J, Alberg AJ. The comparative effectiveness of a team-based versus group-based physical activity intervention for cancer survivors. *Support Care Cancer.* 2012; 20(8):1699-707; PMID: 21932141; .
14. Solito S, Falisi E, Diaz-Montero CM, Doni A, Pinton L, Rosato A, Francescato S, Basso G, Zanovello P, **Onicescu G**, Garrett-Mayer E, Montero AJ, Bronte V, Mandruzzato S. A human promyelocytic-like population is responsible for the immune suppression mediated by myeloid-derived suppressor cells. *Blood.* 2011; 118(8):2254-65; PMID: 21734236; PMCID: PMC3709641; .
13. Memoli JW, El-Bayoumi E, Pastis NJ, Tanner NT, Gomez M, Huggins JT, **Onicescu G**, Garrett-Mayer E, Armeson K, Taylor KK, Silvestri GA. Using EBUS Features to Predict Lymph Node Metastasis in Patients with Lung Cancer. *CHEST.* 2011;140(6):1550-6; PMID: 21734236; PMCID: PMC3709641 .
12. Miller PM, Heideman PW, Ravenel MC, Spangler JG, Mauldin MP, Hill EG, **Onicescu G**. Preliminary Development and Evaluation of Online Tobacco and Alcohol Modules for Dental Students. *J Dent Educ.* 2011; 75(6):791-6; PMID: 21642525.
11. Cartmell KB, Carpenter MJ, Biggers SR, **Onicescu G**, Hill EG. Secondhand smoke exposure in youths in relation to the strength and adherence of parental rules against smoking at home and in the car. *Public Health Rep.* 2011; 126(4): 575-582; PMCID: PMC3115217.

10. Scharfstein D, **Onicescu G**, Whitaker R, Goodman S: Analysis of Subgroup Effects in Randomized Trials When Subgroup Membership is Informatively Missing: Application to the MADIT II study, *J R Stat Soc Series C*. 2011; 60(4) 607-617. .
9. Lehtinen SJ, **Onicescu G**, Kuhn KM, Cole DJ, Esnaola NF. Normothermia During Gastrointestinal Surgery: Holy Grail or False Idol? *Ann Surg*. 2010; 252(4):696-704; PMID: 20881777; PMCID: PMC3398839; .
8. Yuen HK, **Onicescu G**, Hill EG, Jenkins C. Statewide Survey of Oral Health Education provided by Certified Diabetes Educators. *Diabetes Res Clin Pract*. 2010; 88(1):48-55; PMCID: PMC2837778 .
7. El-Zawahry AM, Eskridge MR, Clarke HS, **Onicescu G**, Garrett-Mayer E, Gordon LL, Keane TE: Capromab pendetide scanning has a potential role in optimizing patient selection for salvage cryosurgical ablation of the prostate. *Urology*. 2010; 76(5):1162-7; PMID: 20434196; .
6. **Onicescu G**, Hill EG, Lawson AB, Korte J, Gillespie BM. Joint disease mapping of cervical and oropharyngeal cancer incidence in blacks and whites in South Carolina. *Spat Spattemporal Epidemiol*. 2010; 1(2-3):133-141; PMID: 20563237; PMCID: PMC2885797; .
5. Zauls AJ, Ashenafi MS, **Onicescu G**, Clarke H, Marshall DT: Comparison of intraoperatively built custom linked seeds versus loose seed gun applicator technique using real-time intraoperative dosimetry planning for permanent prostate brachytherapy. *Int J Radiat Oncol Biol Phys*. 2011; 81(4):1010-6; PMID: 20888132; .
4. Carter C, **Onicescu G**, Cartmell K, Sterba K, Tomsic J, Fox T, Dunmeyer E, Alberg A: Factors Associated with Selection between Two Group Physical Activity Programs for Cancer Survivors, *J Cancer Surviv*. 2010;4(4):388-98; PMID: 20661658; PMCID: PMC3399913 .
3. Apelberg B, **Onicescu G**, Avila-Tang E, Samet JM: Estimating the Risks and Benefits of Nicotine Replacement Therapy for Smoking Cessation in the United States. *Am J Public Health*. 2010; 100(2):341-8; PMID: 20019322; PMCID: PMC2804631 .
2. Kim S, Wipfli H, Navas-Acien A, Dominici F, Avila-Tang E, **Onicescu G**, Breyse P, Samet JM. FAMRI Homes Study Investigators. Determinants of hair nicotine concentrations in non-smoking women and children: a multicountry study of secondhand smoke exposure in homes. *Cancer Epidemiol Biomarkers Prev*. 2009; 18(12):3407-14; PMID: 19959689; .
1. Wipfli H, Tang EA, Navas-Acien A, Kim S, **Onicescu G**, Yuan J, Breyse P, Samet JM and the FAMRI Homes Study Investigators. Secondhand Smoke Exposure of Women and Children: Evidence from 31 countries. *Am J Public Health*. 2008; 98(4):672-9; PMCID: PMC2376995; .

**INVITED TALKS**

Bayesian Models for Infectious Disease Surveillance Data. Joint Statistical Meeting, August 2-7, 2014, Boston, MA.

Bayesian cure-rate survival model with spatially structured censoring. Great Lakes International Symposium: Interdisciplinary Research in Data Science, Western Michigan University, February 26, 2016, Kalamazoo, MI.

Bayesian cure-rate survival model with spatially structured censoring. Joint Statistical Meeting, GEOMED 2017 international Conference, Porto, Portugal September 6-September 9 2017

**TALKS**

Spatially-explicit survival modeling for small area cancer data. Joint Statistical Meeting, August 8-13, 2015, Seattle, WA.

Bayesian cure-rate survival model with spatially structured censoring. BiostatMCW 2017: Biostatistics in the Modern Computing Era. Milwaukee, WI, September 28 - September 30, 2017

**INTRAMURAL TALKS**

Georgiana Onicescu and Rajib Paul. A Discussion on National Institutes of Health (NIH) Regional Workshop, February 24, 2017, Statistics Colloquium, Department of Statistics, Western Michigan University

Joint disease mapping of cervical and oropharyngeal cancer in South Carolina. Head and Neck Multidisciplinary Research Workshop, Medical University of South Carolina, March 13, 2009. Charleston, SC.

Using C++ as statistical software. Bayesian analysis of mental retardation in children in relation to mothers' residential history and environmental exposure during pregnancy. Biostatistics and Bioinformatics Journal Club, Department of Biostatistics and Epidemiology, Medical University of South Carolina, March 22, 2012, Charleston, SC.

Software comparison for Bayesian survival analysis: WinBUGS and Integrated Nested Laplace Approximations (INLA). Biostatistics and Bioinformatics Journal Club, Department of Biostatistics and Epidemiology, Medical University of South Carolina, September 25, 2012, Charleston, SC.

Spatially-explicit Survival Modeling for Small Area Cancer Data. Perry V. Halushka Student Research Day, Medical University of South Carolina, November 14, 2014. Charleston, SC.

Spatially-explicit Survival Modeling for Small Area Cancer Data. South Carolina (SC) Chapter of the American Statistical Association (ASA) Palmetto Symposium, Columbia, S.C., March 6, 2015.



## CONFERENCE PARTICIPATION

- Summer II 2017 (June 8, 2017) Annual MSUG Conference, Lawton, MI
- Summer II 2017 (July 30 -August 1, 2017) Retail Academic Symposium, Chicago, IL

### POSTER/ PRESENTATIONS/ ABSTRACTS (attributed to WMU)

Straight B, **Onicescu G**, Wanitjirattikal P, Farman J, Root C, Barkman T, Needham B, Naugle A. Beyond the Winners/Losers Scenario in Theorizing How Warfare Gets Under Men's Skin. Paper presented at WESIPS (Warfare, Environment, Social Inequality, and Peace Studies), The Center for Cross-Cultural Study, Sevilla, Spain, May 25-28, 2017. Organized by Richard J. Chacon and Yamilette Chacon.

**Onicescu G**, Lawson, AB. Bayesian Cure-Rate Survival Model with Spatially Structured Censoring. Spatial Statistics 2017: One World: One Health. Lancaster University, UK, 4-7 July 2017, .

### POSTER PRESENTATIONS/ ABSTRACTS (attributed to MUSC and JHSPH)

Carter CL, Cartmell KB, **Onicescu G**, Tomsic J, Dunmeyer E, Taylor C, Fox T and Alberg AJ. Quality of life outcomes of participation in a physical activity intervention for cancer survivors. American Society for Preventive Oncology(ASPO), March 8-10, 2009, Tampa, FL.

Carter CL, **Onicescu G**, Cartmell KB, Sterba KR, Tomsic J, Dunmeyer E, Taylor C, Fox T and Alberg AJ. The effect of program type on group cohesion following physical activity interventions for cancer survivors. Hollings Cancer Center Spring Research Symposium, March 13, 2009, Charleston, SC.

Carter CL, Cartmell KB, **Onicescu G**, Tomsic J, Dunmeyer E, Taylor C, Fox T and Alberg AJ. Cancer-Related Quality of Life Following Physical Activity Interventions for Cancer Survivors, Hollings Cancer Center Spring Research Symposium, Charleston, SC, March 13, 2009.

**Onicescu G**, Hill EG, Carpenter M, ME Ford and Alberg AJ. Racial and Ethnic Differences in the Age of Smoking Initiation. Hollings Cancer Center Spring Research Symposium, March 13, 2009, Charleston, SC.

Cartmell KB, **Onicescu G**, Miner C, Carpenter MJ, Vitoc C, Biggers S and Alberg AJ. The influence of secondhand cigarette smoke exposure on school attendance and academic performance among non-smoking South Carolina youth. Hollings Cancer Center Spring Research Symposium, March 13, 2009, Charleston, SC.

Lehtinen SJ, **Onicescu G**, Hirshman DM, Kuhn K and Esnaola NF. Immediate Postoperative Hypothermia ( $T < 36^{\circ}\text{C}$ ) is not associated with Incisional Surgical Site Infections after Gastrointestinal Surgery. American Surgical Association, April 8-10, 2009, Chicago, IL.

Kaseb AO, Iwasaki M, Javle M, **Onicescu G**, Garrett-Mayer E, Abbruzzese JL and Thomas MB.

The combination of Bevacizumab and Erlotinib shows significant biological activity in patients with advanced hepatocellular carcinoma. American Society for Cancer Oncology (ASCO), May 29 - June 2, 2009, Orlando, FL.

**Onicescu G**, Hill EG, Lawson AB, Korte J and Gillespie MB. Joint disease mapping of cervical and oropharyngeal cancer in South Carolina, GEOMED 2009 International Conference, November 14-16, 2009, Charleston, SC.

Carter CL, Cartmell KB, **Onicescu G**, Tomsic J, Dunmeyer E, Taylor C, Fox T and Alberg AJ. Cancer-Related Quality of Life Following Physical Activity Interventions for Cancer Survivors. American Association for Cancer Research(AACR) Frontiers in Cancer Prevention Research Conference, November 16-19, 2008, Washington, DC.

Cunningham JE and **Onicescu G**, Racial Incidence Disparities in Breast Cancer Subtypes: Temporal and Geographical trends. Hollings Cancer Center Research Symposium, November 20, 2009, Charleston, SC.

**Onicescu G**, Hill EG, Lawson AB, Korte J and Gillespie MB. Joint disease mapping of cervical and oropharyngeal cancer in South Carolina, Hollings Cancer Center Research Symposium, November 20, 2009, Charleston, SC.

Carter CL, **Onicescu G**, Cartmell KB, Sterba K and Alberg AJ. The impact of participating in a team sport versus a group physical activity program on group cohesion in cancer survivors. American Association for Cancer Research(AACR) International Conference on Frontiers in Cancer Prevention Research, December 6-9, 2009, Houston, TX.

**Onicescu G**, Hill E, Carpenter M, Ford ME and Alberg AJ. Racial and ethnic differences in the age of smoking initiation, American Society of Preventive Oncology(ASPO), March 20-23, 2010, Bethesda, MD.

Carter CL, **Onicescu G**, Cartmell KB, Sterba KR, Tomsic J, Dunmeyer E, Taylor C, Fox T and Alberg AJ. A test of two physical activity programs on physical fitness in cancer survivors. American Society of Preventive Oncology(ASPO), March 20-23, 2010, Bethesda, MD.

Sterba KR, Carter CL, **Onicescu G**, Cartmell K and Alberg AJ: Benefit-finding and social well-being in cancer survivors participating in a group physical activity program. 31st Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, April 7-10, 2010, Seattle, WA.

Cartmell KB, Carter CL, **Onicescu G**, Sterba KR and Alberg AJ. A Multi-Faceted Outreach Plan to Recruit Cancer Survivors to a Physical Activity Study. National Cancer Institute(NCI)-American Society of Clinical Oncology(ASCO) Cancer Trial Accrual Symposium, April 29-30, 2010, Bethesda, MD.

Kaseb AO, Morris J, Hassan M, Iwasaki M, Deaton L, Javle MM, Garrett-Mayer E, On-

icescu G, Abbruzzese JL and Thomas MB: Molecular predictors of response to antiangiogenic therapy in HCC: Data from bevacizumab and erlotinib phase II study. American Society of Clinical Oncology(ASCO) Annual Meeting, June 4-8, 2010, Chicago, IL.

Cunningham J and **Onicescu G**. Racial Incidence and Mortality Disparities in Breast Cancer Subtypes: Temporal and Geographic Trends. Society for Epidemiologic Research, June 23-26, 2010, Seattle, WA.

**Onicescu G**, Lawson AB, McDermott S, Aelion MC, Cai B. Spatial exposure modeling of environmental risk and intellectual delay outcomes. MUSC Perry V. Halushka Student Research Day, November 4, 2011, Charleston, SC.

**Onicescu G**, Lawson AB, McDermott S, Aelion MC, Cai B. Cumulative spatial and temporal exposure modeling of soil metals and developmental disabilities in children. GEOMED, October 20-22, 2011, Victoria, British Columbia, Canada.

**Onicescu G**, Lawson AB. Software comparison for Bayesian survival analysis: WinBUGS and Integrated Nested Laplace Approximations (INLA). MUSC Perry V. Halushka Student Research Day, November 2, 2012, Charleston, SC.

**Onicescu G**, Lawson AB, Zhang J, Gebregziabher M, Wallace K and Eberth JM. Advances in geospatial survival modeling for small area cancer data. MUSC Perry V. Halushka Student Research Day, November 8, 2013, Charleston, SC.

**Onicescu G**, Lawson AB, Zhang J, Gebregziabher M, Wallace K and Eberth JM. Spatially-explicit Survival Modeling for Small Area Cancer Data. South Carolina Statistics Consortium, November 15-16, 2014, Clemson, SC.

## **TRAVEL FUNDING, WMU**

- Fall 2016 NIH regional seminar, Chicago, IL, October 26-October 28, Travel funding: \$1000
- Summer II 2017 Participation at the National Retail Federation Symposium, Travel funding: \$767
- Fall 2017 Participation at the Biostatistics in the Modern Computing Era with a grant workshop and a BART short course, Travel funding: \$200
- Fall 2017 Faculty Travel Research Fund to participate at the GEOMED conference. Travel funding: \$800
- Fall 2017 International Education Faculty Development Fund, Haenicke Institute for Global Education \$1200

**CURRENT FUNDED RESEARCH SUPPORT (accredited to WMU)**

Title: Children of Disaster

Dates: 2017-2019

Sponsor/ Grant no.: National Science Foundation

Principal Investigator: Bilinda Straight, PhD, Anthropology

Total Direct Cost: \$417,953

Role/Percent Effort: Co-PI/20%

**COMPLETED RESEARCH SUPPORT (accredited to WMU)**

Title: East African Warrior Health

Dates: Summer I 2016

Sponsor/ Grant no.: CAS Interdisciplinary Research Award

Principal Investigator: Bilinda Straight, PhD, Anthropology

Total Cost: \$1,500 (\$1000 summer salary and \$500 student support)

Role/Percent Effort: Co-PI

Title: Advances in Geospatial Survival Modeling for Small Area Cancer Data

Dates: January 2015 - March 2016

Sponsor/ Grant no.: NIH/ National Cancer Institute/ R03 CA176702-01A1

Principal Investigator: Andrew Lawson, PhD

Total Direct Cost: \$11,920.80 (Total cost \$18,000, Subaward at WMU as part of the grant R03 CA176702-01A1)

Role/Percent Effort: Co-Investigator

**COMPLETED RESEARCH SUPPORT (accredited to MUSC and JHSPH) Title: Advances in Geospatial Survival Modeling for Small Area Cancer Data**

Dates: January 2014 - August 2015

Sponsor/ Grant no.: NIH/ National Cancer Institute/ R03 CA176702-01A1

Principal Investigator: Andrew Lawson, PhD

Total Direct Cost: \$100,000

Role/Percent Effort:

January 2014 - May 2015 Graduate Research Assistant/ 100%

July 2014 - August 2015 Other (PostDoctoral Scholar)/ 100%

Title: Methods to Detect Maternal Exposures and Child Outcomes

Dates: September 2011-November 2014

Sponsor/ Grant no. : NIH / National Institute of Environmental Health Sciences /R01ES012895

Total Direct Cost: 1,286,034

Principal Investigator: Suzanne McDermott, PhD

Role/Percent Effort: Graduate Student Assistant/ 100%

Title: Statistical methods for Head and Neck Cancer Proteomics

Dates: 09/20/2005-08/31/2010 (funding until June 2010)

Sponsor/ Grant no.: NIH/National Institute of Dental and Craniofacial Research / K25 DE016863

Total Direct Cost: \$132,637

Principal Investigator: Elizabeth Hill, Ph.D.

Role/Percent Effort : Research Associate/ 20%

Title: A pilot RCT to Examine a Potentially Reduced Exposure Tobacco Product

Dates:01/15/2009-01/14/2011 (funding until June 2010)

Sponsor: Prevent Cancer Foundation

Total Direct Cost: \$80,000

Principal Investigator:Matt Carpenter, Ph.D.

Role/ Percent Effort: Co-Investigator/ 5%

Title: Medical University of South Carolina-Cancer Center Support Grant

Dates: 04/1/09-03/31/14 (funding until June 2010)

Sponsor/Grant no. : NIH/NCI/ 1P30 CA138313-01

Total direct cost: \$1,475,000

Principal investigator: Andrew Kraft, MD

Role/ Percent effort: Statistician/ 36%

Title: Age-specific and Age-standardized Breast Cancer Subtype Incidence and Disparities

Dates: 07/01/2009 - 06/30/2011 (funding until June 2010)

Sponsor/ Grant no. : NIH/ 1 R03 CA137826-01A1

Total direct cost: \$147,000

Principal investigator: Joan E. Cunningham, Ph.D.

Role/ Percent effort: Co-Investigator / 20% in Yr1, 25% in Yr2

Title: Maximizing memory T cell responses by matured post chemotherapy dendritic cells

Dates: 04/01/2010 - 03/31/2015 (funding until June 2010)

Sponsor: NCI (R01 CA133503-01)

Total direct cost: \$250,000

Principal investigator: Mohamed Salem,Ph.D.

Role/ Percent effort: Co-Investigator/ 5%

Title: The impact of dragon boat racing on cancer survivorship

Dates:01/06/2007-05/31/2009

Grant no.: R03 CA128482-01

Sponsor: NIH/NCI

Total Direct Cost: \$50,000

Principal Investigator: Carter, Cindy, Ph.D.

Role/ Percent Effort: Co-Investigator/ 5.1%

Title: Racial Differences in Psychosocial Functioning Following a Breast Cancer Diagnostic

Dates: 11/01/2008-10/31/2009

Sponsor: Center for Health Disparities Research

Total direct cost: \$4,845

Principal investigator: Kathrine R. Sterba, MPH, Ph.D.

Role/ Percent effort: Co-Investigator/ 1%

**SUBMITTED GRANTS at WMU (unfunded)**

Title: Bayesian methods for small area data with spatially informative missing predictors.  
PI: Georgiana Onicescu, Co-Investigator: Andrew B. Lawson. Grant submitted to the National Institutes of Health on 02/02/2016, revision submitted on 06/10/2016. Current status of the revision: Unfunded.