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CURRICULUM VITAE

Name: Georgiana Onicescu

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Citizenship: Romanian

Education:

Institution/Location	Years	Degree/Date(Mo/Yr)	Field of study
Ienachita Vacarescu High School Targoviste,Romania	1992-1996	Baccalaureate	High School
University of Bucharest Bucharest,Romania	1996-2001	B.Sc.	Applied Mathematics
University of Bucharest Bucharest,Romania	2002-2004	Post-Graduate	Computer Science
Johns Hopkins Bloomberg School of Public Health Baltimore,USA	2004-2006	Sc.M	Biostatistics

Faculty Appointments:

Years	Rank	Institution	Department
2008	Reasearch Associate	Medical University of South Carolina Hollings Cancer Center	Biostatistics, Bioinformatics and Epidemiology

Other Experience:

Research:

Years	Position	Institution	Department
2006-2007	Biostatistician	Johns Hopkins,Institute for Global Tobacco Control	Epidemiology
2005-2006	Research Assistant	Johns Hopkins,Institute for Global Tobacco Control	Epidemiology
2003-2004	Principal Expert	National Institute of Statistics, Romania	Statistics

Teaching:

Years	Position	Institution	Department
2009 May 11-12	Teaching Assistant	Medical University of South Carolina Workshop:Advanced Bayesian Disease mapping	Biostatistics Bioinformatics and Epidemiology
Years 2009 March 10-11 Sep. 25-26 Oct 1-2	Position Teaching Assistant	Institution Medical University of South Carolina Workshop:Introduction to Bayesian Disease Mapping	Department Biostatistics Bioinformatics and Epidemiology
2008 Nov. 17,18 Dec. 11-12	Teaching Assistant	Medical University of South Carolina Workshop:Introduction to Bayesian Disease Mapping	Biostatistics Bioinformatics and Epidemiology
June 2006	Teaching Assistant	Johns Hopkins School of Public Health Summer Institute of Biostatistics and Epidemiology	Biostatistics
2005-2006	Teaching Assistant	Johns Hopkins School of Public Health	Biostatistics
2002-2003	Teacher of Mathematics	Eugen Lovinescu High School, Romania	Mathematics
2001-2002	Teacher of Mathematics	Matei Basarab National College,Romania	Mathematics

Membership in professional/scientific societies:

National Societies:

March 2008-present: Eastern North American Region, International Biometrics Society (ENAR)

Awards, Honors, Membership in Honorary Societies:

- 2007 - SAS Certified Advanced Programmer Credential for SAS 9 (globally recognized credential endorsed by SAS Institute, USA)
- 2007 - SAS Certified Base Programmer Credential for SAS 9
- 2003 - Scholarship at the Summer School on Modern Methods in Biostatistics and Epidemiology, Treviso, Italy
- 2003 - Definitive Grade in Teaching, Bucharest, Romania
- 1999-2000- Erasmus Scholarship at Haute Alsace University, Mulhouse, France
- since 2001 - English-Romanian and French-Romanian translator and interpreter, certificates given by the Department of Justice and the Department of Culture, Romania
- 1998-present - Member of the National Foundation Henry Conada
- 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" the 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

Since June 2009: Member/ad-hoc reviewer of the Hollings Cancer Center Protocol Review Committee (PRC)

Publications

Peer Reviewed Journal Articles:

Benjamin Apelberg, **Georgiana Onicescu**, Erika Avila-Tang, Jonathan M. Samet: Estimating the Risks and Benefits of Nicotine Replacement Therapy for Smoking Cessation in the U.S., American Journal of Public Health. 2009 (accepted)

Sungroul Kim, Heather Wipfli, Ana Navas-Acien, Francesca Dominici, Erika Avila-Tang, **Georgiana Onicescu**, Patrick Breyse, Jonathan M. Samet, and the FAMRI Homes Study Investigators: Determinants of Hair Nicotine Concentrations in Non-smoking Women and Children: A Multi-Country Study of Secondhand Smoke Exposure in Homes, Journal of Cancer Epidemiology, Biomarker and Prevention, 2009 (accepted)

Publications

Heather Wipfli, Erika Avila Tang, Ana Navas Acien, Sungroul-Kim, **Georgiana Onicescu**, Jie Yuan, Patrick Breyse, Jonathan M. Samet and the FAMRI Homes Study Investigators: Secondhand Smoke Exposure of Women and Children: Evidence from 31 countries, American Journal of Public Health. 2008 Apr;98(4):672-9

Daniel Scharfstein, **Georgiana Onicescu**, Steven Goodman: Analysis of Subgroup Effects in Randomized Trials When Subgroup Membership is Informatively Missing: Application to the MADIT II study, Johns Hopkins University, Dept. of Biostatistics Working Papers, 2008, paper 170

Publications/Submitted

Hon K. Yuen, **Georgiana Onicescu**, Elizabeth G. Hill, Carolyn Jenkins: Statewide Survey of Oral Health Education provided by Certified Diabetes Educators

A. Jason Zauls, Michael S. Ashenafi, **Georgiana Onicescu**, Harry Clarke, David T. Marshall: Comparison of intraoperatively built custom linked seeds versus loose seed gun applicator technique using real-time intraoperative dosimetry planning for permanent prostate brachytherapy

Ahmed M El-Zawahry, Matthew R. Eskridge, Harry S. Clarke, **Georgiana Onicescu**, Elizabeth Garrett-Mayer, Leonie L. Gordon, Thomas E. Keane: Selection of Patients for Salvage Cryosurgical Ablation of the Prostate (CSAP) Utilizing Capromab Pendetide Scanning

Cindy Carter, Georgiana Onicescu, Kathleen Cartmell, Katherine Sterba, Jim Tomsic, Todd Fox, Dunmeyer, Erica, Alberg, Anthony: Factors Associated with Selection between Two Group Physical Activity Programs for Cancer Survivors

Publications/In progress

Kathleen B. Cartmell, Christine Miner, Matthew J. Carpenter, Camelia S. Vitoc, Sharon Biggers, **Georgiana Onicescu**, Elizabeth G. Hill, Brenda C. Nickerson, Anthony J. Alberg: Secondhand smoke exposure in youths in relation to the strength and adherence of parental rules against smoking at home and in the car

Matthew R. Eskridge, Harry S. Clarke, **Georgiana Onicescu**, Elizabeth Garrett-Mayer, Leonie L. Gordon, Thomas E. Keane: Selection of Patients for Salvage Cryosurgical Ablation of the Prostate Utilizing Capromab Pendetide Scanning

Kathleen B. Cartmell, **Georgiana Onicescu**, Christine Miner, Matthew J. Carpenter, Camelia Vitoc, Sharon Biggers, Anthony Alberg: The influence of secondhand cigarette smoke exposure on school attendance and academic performance among non-smoking South Carolina youth

Natalie A. Sutkowski, Elizabeth G. Hill, **Georgiana Onicescu**, Semyon Rubinchik: HERV-K18 Superantigen Immunity in HPV Associated Head and Neck Cancer

Georgiana Onicescu, Elizabeth Hill, Matthew Carpenter, Marvella E. Ford, Anthony Alberg: Racial and ethnic differences in the age of smoking initiation

Presentations/Abstracts

A. O. Kaseb, M. Iwasaki, M. Javle, **G. Onicescu**, E. Garrett-Mayer, J. L. Abbruzzese, M. B. Thomas
The combination of Bevacizumab and Erlotinib shows significant biological activity in patients with advanced hepatocellular carcinoma, American Society for Cancer Oncology (ASCO), May 29th, 2009 - June 2nd, 2009

Cindy L. Carter, **Georgiana Onicescu**, Kathleen B. Cartmell, Katherine R. Sterba, Jim Tomsic, Erica Dunmeyer, Chrissy Taylor, Todd Fox, Anthony J. Alberg, The effect of program type on group cohesion following physical activity interventions for cancer survivors ,Hollings Cancer Center 2009 Research Symposium,Charleston, SC, Poster presentation

Joan E. Cunningham,**G. Onicescu**, Racial Incidence Disparities in Breast Cancer Subtypes:Temporal and Geographical trends,Hollings Cancer Center 2009 Research Symposium,Charleston, SC, Poster presentation

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

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

G. Onicescu,EG Hill, AB Lawson, J Korte and MB Gillespie: Joint disease mapping of cervical and oropharyngeal cancer in South Carolina,7th Annual Head and Neck Multidisciplinary Research Workshop, Medical University of South Carolina, Charleston, SC,March 13th, 2009 Presenter: G. Onicescu

G. Onicescu , EG. Hill , M. Carpenter , ME. Ford , A. Alberg : Racial and Ethnic Differences in the Age of Smoking Initiation, Abstract and Poster, Hollings Cancer Center Spring Symposium, Charleston, SC, March 13th, 2009

C.L. Carter, K.B. Cartmell, **G. Onicescu**,J. Tomsic,E. Dunmeyer,C. Taylor,T. Fox, A.J. Alberg : Cancer-Related Quality of Life Following Physical Activity Interventions for Cancer Survivors,Abstract, AACR 2008 Frontiers in Cancer Prevention Research Conference

C.L. Carter, K.B. Cartmell, **G. Onicescu**,J. Tomsic,E. Dunmeyer,C. Taylor,T. Fox, A.J. Alberg : Quality of life outcomes of participation in a physical activity intervention for cancer survivors, Abstract, ASPO 2009

C.L. Carter, K.B. Cartmell, **G. Onicescu**,J. Tomsic,E. Dunmeyer,C. Taylor,T. Fox, A.J. Alberg : Cancer-Related Quality of Life Following Physical Activity Interventions for Cancer Survivors,Abstract/ Poster presentation, Hollings Cancer Center Spring Symposium, Charleston, SC, March 13th, 2009

C.L. Carter, K.B. Cartmell, **G. Onicescu**,J. Tomsic,E. Dunmeyer,C. Taylor,T. Fox, A.J. Alberg : Cancer-Related Quality of Life Following Physical Activity Interventions for Cancer Survivors,Abstract/ Poster presentation, Hollings Cancer Center Spring Symposium, Charleston, SC, March 13th, 2009

K.B. Cartmell, **G. Onicescu**, Christine Miner, Matthew J. Carpenter, Camelia Vitoc, Sharon Biggers, Anthony Alberg: The influence of secondhand cigarette smoke exposure on school attendance and academic performance among non-smoking South Carolina youth, Abstract/ Poster presentation, Hollings Cancer Center Spring Symposium, Charleston, SC, March 13th, 2009

C.L. Carter, **G. Onicescu**, K.B. Cartmell, K. Sterba, A.J. Alberg : The impact of participating in a team sport versus a group physical activity program on group cohesion in cancer survivors, the Eighth Annual AACR International Conference on Frontiers in Cancer Prevention Research, December 6-9, 2009, Houston, Texas

Current Research Support

Title: Statistical methods for Head and Neck Cancer Proteomics

Dates: 09/20/2005-01/14/2010

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%

Major Goal: The aims of this proposal are the development and application of Bayesian semi-parametric methods to protein differential expression data in head and neck cancer.

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

Dates: 01/15/2009-01/14/2010

Sponsor: Prevent Cancer Foundation

Total Direct Cost: \$80,000

Principal Investigator: Matt Carpenter, Ph.D.

Role/ Percent Effort : Co-Investigator/5%

Major goal: The proposed study is an innovative pilot clinical trial of Potentially Reduced Exposure Products (PREPs), tested among smokers not interested in quitting, with aims to examine changes in smoking behavior, tobacco exposure, and motivation to quit.

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%

Major goal: The main aims of this study are to explore racial differences in psychosocial functioning in breast cancer patients after diagnosis and to compare racial differences in the rates of treatment utilization for breast cancer patients referred for specialized mental health services.

Current Research Support

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

Dates: 04/1/09-03/31/14

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

Total direct cost: \$1,475,000

Principal investigator: Andrew Kraft,MD

Role/ Percent effort: Statistician / 60%

Major goal: To support the ongoing research infrastructure, research programs, shared resources, developmental funds, administration of the Hollings Cancer Center at the Medical University of South Carolina to ensure the development of more effective approaches to cancer prevention, diagnosis, and therapy.

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

Dates: 07/01/2009 - 06/30/2011

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

Total direct cost: \$97,457

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

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

Major goal: This project will use cancer registry data to investigate how incidence rates of breast cancer subtypes in European- and African-American women vary in the US, and the association of socioeconomic status with risk.

Pending Research Support A Method to Clarify the Contradictory Nature of Racial Disparities in Breast Cancer Incidence and Mortality Rates.

Dates: 04/01/2010 - 03/31/2011

Sponsor: NIH

Total direct cost: \$374,899

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

Role/ Percent effort: Co-Investigator / 33%

Major Goal: To parse the contributions of racial disparities in breast cancer subtype incidence rates, and neighborhood-level characteristics, to racial disparities in breast cancer mortality.

Pending Research Support

Title: Oxidative stress and AICD in memory T cell persistence

Dates: 04/01/2009 - 03/31/2014

Sponsor: NIH/NCI

Total direct cost: \$ 750,000

Principal investigator: Mehotra, Shikhar, Ph.D.

Role/ Percent effort: Co-Investigator / 5%

Major goal: The major goal of this application is to understand the differential mechanism that might exist in antigen experienced/memory phenotype bearing T cell subsets undergoing preferential apoptosis.

Title: Immunotherapy of pancreatic cancer with dendritic cells and Poly-ICLC

Dates: 04/01/2010-03/31/2012

Sponsor: NIH/NCI

Total direct cost: \$ 125,000

Principal investigator: Mohamed Salem, Ph.D.

Role/ Percent effort: Co-Investigator / 5%

Major Goal: The major goal of this grant is to use the combination of tumor antigen-loaded dendritic cells and the adjuvant Poly-ICLC as effective immunotherapy against the poorly immunogenic pancreatic adenocarcinoma.

Title: Poly-N-acetyl-glucosamine matrix as a non-viral delivery vector for DNA vaccines

Dates: 09/01/2009-08/31/2001

Sponsor: NCI (10275026)

Total direct cost: \$ 339,208

Principal investigator: Mohamed Salem, Ph.D.

Role/ Percent effort: Co-Investigator / 5%

Major Goal: The major goal of this grant is to formulate the polysaccharide poly-N-acetyl-glucosamine in a gel matrix and use it to deliver plasmid DNA coding for melanoma gp100 antigen and the adjuvant IL-12.

Title: Immunotherapy of pancreatic carcinoma using dendritic cell-based vaccination and Hiltonol

Dates: 08/01/2009-07/31/2010

Sponsor: SCTR Project Program, MUSC

Total direct cost: \$48,995

Principal investigator: Mohamed Salem, Ph.D.

Role/ Percent effort: Co-Investigator / 5%

Major Goal: The major goal of this grant is to induce anti-tumor immune responses in a host with pancreatic cancer after concomitant treatment with the immune enhancer Poly(I:C) and vaccination with dendritic cells loaded with multiple tumor antigen.

Pending Research Support

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

Dates: 04/01/2010 - 03/31/2015

Sponsor: NCI (R01 CA133503-01)

Total direct cost: \$25,000

Principal investigator: Mohamed Salem, Ph.D.

Role/ Percent effort: Co-Investigator / 5%

Major Goal: The major goal of this project is to manipulate dendritic cells expanded after treatment of the recipient host with cyclophosphamide before adoptive T cell therapy to enhance the overall anti-tumor immunity.

Title: Genome-wide association study of adverse radiotherapeutic effects in prostate cancer patients and development of risk prediction models.

Dates: 03/01/2010-02/28/2013

Sponsor: Department of Defense

Total direct cost: \$ 225,000

Principal investigator: Yusheng Zhu, Ph.D.

Role/ Percent effort: Co-Investigator / 1st and 2nd year 7.2%; 3rd year 14.4%

Major Goal: The main purpose of this project is to study the adverse radiotherapeutic effects in prostate cancer patients.

Completed Research Support

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%

Major goal: The aims of this proposal are to determine whether participation on a dragon boat paddling team enhances psychological well-being, physical functioning social support, and overall quality of life among cancer patients.