

# CURRICULUM VITAE

## MICHAEL GOODMAN, MD, MPH

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### EDUCATION

- 1995 M.P.H., THE JOHNS HOPKINS UNIVERSITY,  
SCHOOL OF HYGIENE AND PUBLIC HEALTH  
Baltimore, Maryland
- 1984 M.D., KAUNAS MEDICAL ACADEMY  
Kaunas, Lithuania

### POSTGRADUATE TRAINING

- 1994-1996 Residency in Preventive Medicine,  
THE JOHNS HOPKINS UNIVERSITY  
SCHOOL OF HYGIENE AND PUBLIC HEALTH  
Baltimore, Maryland
- 1991-1994 Residency in Pediatrics  
MONMOUTH MEDICAL CENTER  
Long Branch, New Jersey
- 1988-1989 Fellowship in Academic Pediatrics  
VILNIUS STATE UNIVERSITY HOSPITAL  
Vilnius, Lithuania
- 1984-1985 Internship in General Pediatrics  
VILNIUS STATE UNIVERSITY HOSPITAL  
Vilnius, Lithuania

### PROFESSIONAL EXPERIENCE

- 2017-present EMORY UNIVERSITY SCHOOL OF PUBLIC HEALTH  
Department of Epidemiology, Atlanta, GA  
Professor  
Areas of research include transgender health, cancer epidemiology, global epidemiology of non-communicable diseases, cancer outcomes, children's health, and health disparities. Teaching assignments includes introductory course in epidemiology (4 credits, 170+ students) and a graduate seminar on systematic reviews and meta-analyses (1 credit, 25-30 students). In addition, teaching responsibility include co-directorship of the dual degree MD/MPH program, offered jointly by Emory Schools of Medicine and Public Health.
- 2009-2017 EMORY UNIVERSITY SCHOOL OF PUBLIC HEALTH  
Department of Epidemiology, Atlanta, GA  
Associate Professor  
Areas of research included cancer epidemiology, molecular epidemiology, cancer outcomes, children's health, and health disparities. Teaching assignments

included introductory course in epidemiology (4 credits, 170+ students) and a PhD seminar on teaching epidemiology (1 credit, 7-8 students).

- 2003-2009 EMORY UNIVERSITY SCHOOL OF PUBLIC HEALTH  
Department of Epidemiology, Atlanta, GA  
Assistant Professor  
Areas of research included cancer epidemiology, molecular/genetic epidemiology outcomes research, and children's health.
- 1996-2003 EXPONENT, Inc.  
Health Group Washington, DC  
Senior Managing Scientist  
Designed and managed multiple projects including original epidemiological studies, scientific literature reviews, and meta-analyses.
- 1998-2003 BREAD FOR THE CITY CLINIC  
Washington, DC  
Pediatrician  
Outpatient clinical care of pediatric patients
- 1994-1996 ST. AGNES HOSPITAL  
PEDIATRIC EMERGENCY DEPARTMENT  
Baltimore, Maryland  
Pediatrician  
Outpatient and emergency care of pediatric patients.
- 1995-1996 PANAMERICAN HEALTH ORGANIZATION  
JAMAICAN OFFICE  
Kingston, Jamaica  
Consultant  
Coordination of the Measles Immunization Campaign and implementation of the Polio Eradication Program
- 1994-1996 JOHNS HOPKINS UNIVERSITY MEDICAL CENTER  
BAYVIEW CAMPUS  
Baltimore, Maryland  
Pediatrician  
Outpatient, inpatient, and emergency care
- 1989-1990 AMERICAN JEWISH DISTRIBUTION COMMITTEE  
Rome, Italy  
Physician Assistant  
Home visits and health monitoring of approximately 10,000 refugees during their temporary stay in Italy.
- 1985-1988 SHILALE COUNTY HOSPITAL  
Shilale, Lithuania  
Pediatrician  
Outpatient and inpatient care in the department of pediatrics.

## HONORS

- 1994 Martin Quirk Award Pediatric Resident of the Year, Monmouth Medical Center  
2011 Student Government Association Professor of the Year, Rollins School of Public Health  
2013 Excellence in Teaching Award, Department of Epidemiology, Rollins School of Public Health  
2013 Emory Williams Distinguished Teaching Award, Emory University  
2017 Phi Chapter of the Delta Omega Honor Society, Emory University

## LICENSURE AND CERTIFICATION

American Board of Preventive Medicine, 1997  
American Board of Pediatrics 1994, 1999  
District of Columbia Medical License MD000030144 (inactive)  
State of Georgia Medical License 056716  
National Provider Identifier 710197520

## PROFESSIONAL AFFILIATIONS (Past and Current)

American Academy of Pediatrics  
American College of Epidemiology  
American Association for Cancer Research  
World Professional Association of Transgender Health  
Endocrine Society

## TEACHING EXPERIENCE (Current)

- 2009-present CENTERS FOR DISEASE CONTROL AND PREVENTION, EPIDEMIC INTELLIGENCE SERVICE (EIS)  
Invited Faculty  
Co-instructor for the *EIS Summer Course in Epidemiology*
- 2011-present EMORY UNIVERSITY SCHOOL OF PUBLIC HEALTH; EMORY SCHOOL OF MEDICINE JOINT MD/MPH PROGRAM  
Program Director  
Supervising MPH phase of the joint MD/MPH training program with 10-20 dual degree students annually
- 2011-present CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC UNIVERSITY)  
Invited Faculty  
Short course *Systematic Reviews and Meta-Analysis*
- 2015-present EMORY UNIVERSITY SCHOOL OF PUBLIC HEALTH  
Instructor  
Systematic Reviews and Meta-Analysis (30 students, 2 credits).
- 2018-present EMORY UNIVERSITY SCHOOL OF PUBLIC HEALTH  
Instructor  
Dual degree seminar (10-15 students, 1 credit).

## TEACHING EXPERIENCE (Past)

- 1993-1994    MONMOUTH MEDICAL CENTER  
Long Branch, New Jersey  
Chief-Resident in Pediatrics  
Training and supervision of pediatric residents
- 1998-2003    JOHNS HOPKINS UNIVERSITY SCHOOL OF PUBLIC HEALTH  
Baltimore, Maryland  
Preventive Medicine Rotation Supervisor at Exponent, Inc.  
Epidemiology rotation preceptor for the Preventive Medicine Residency Program
- 2006        CAUCASUS REGIONAL CANCER CONTROL SUMMIT  
Tbilisi, Republic of Georgia  
Guest Lecturer  
Cancer surveillance: Overview of goals, methods, and uses
- 2007        INDO-AMERICAN ONCOLOGY WORKSHOP  
Ahmedabad, India  
Guest Lecturer  
Cancer incidence, mortality and survival: A US-India comparison
- 2012        NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO  
Mexico City, Mexico  
Guest Lecturer  
Clinical trials of antioxidants: Past, present, and future  
Use of biomarkers of oxidative stress in human research: example of colorectal neoplasia
- 2009-2011    MOREHOUSE UNIVERSITY SCHOOL OF MEDICINE, PREVENTIVE  
MEDICINE PROGRAM  
Invited Faculty  
Guest lecturer in Cancer Epidemiology for the Preventive Medicine residents
- 2011        PAN AMERICAN HEALTH ORGANIZATION (PAHO)  
Invited Faculty  
Co-instructor for the PAHO professional staff development course *Practice-based Epidemiology*
- 2006-2013    EMORY UNIVERSITY SCHOOL OF PUBLIC HEALTH  
Instructor  
PhD seminar: *Teaching epidemiology* (1 credit).
- 2014        SOCIETY OF TOXICOLOGY CONTINUOUS EDUCATION COURSE  
Phoenix, AZ  
Guest Lecturer  
Epidemiology for toxicologists
- 2014        TEL AVIV UNIVERSITY

Invited Faculty

Co-teaching short course *Advanced Cancer Epidemiology*

- 2007-2014 NATIONAL CANCER INSTITUTE  
Invited Faculty  
Teaching module "Consideration for Analysis and Interpretation of Epidemiologic Data" in the NCI summer course *Principles and Practice of Cancer Prevention and Control*
- 2015 EMORY UNIVERSITY COLLEGE OF ARTS AND SCIENCES  
Co-Instructor  
*Basic Epidemiology* course (40 students, 1 credit).
- 2013-2016 EMORY PUBLIC HEALTH LEADERSHIP AND IMPLEMENTATION ACADEMY FOR NON COMMUNICABLE DISEASES  
Guest Lecturer  
Validity of Diagnostic and Screening Tests; Evaluation of Screening Programs
- 2006-2018 EMORY UNIVERSITY SCHOOL OF PUBLIC HEALTH  
Instructor  
Introduction to Epidemiology course (120-150 students, 4 credits).

**UNIVERSITY SERVICE ACTIVITIES**

- 2004-2005 Search committee for infectious disease epidemiology faculty  
2004-2006 PhD Admissions Committee, Department of Epidemiology  
2005-2006 Search Committee (chair) for new faculty  
2005-2006 Emory/ACS Center for Global Cancer Control  
2006-2008 Clinical and Translational Science Award (CTSA) Committee  
2006-2010 Health Sciences Center Library Advisory Committee  
2007-2010 Woodruff Fellowship Selection Committee  
2010-2012 School of Public Health Re-accreditation Steering Committee  
2012 Kennedy Survivorship Grant Review Committee  
2006-2013 MPH thesis Shepard Award Committee  
2014-2015 Search Committee for Director of English Language Support Programs  
2011-2016 ARCS Foundation Award Committee  
2015-2017 Emory University Conflict of Interest Committee  
2007-present MPH Admissions Committee, Department of Epidemiology  
2012-present School of Public Health Career Services Advisory Committee  
2016-present. Committee on English as Second Language at Emory  
2017-present Department of Epidemiology Curriculum Implementation Committee  
2018-present School of Public Health Re-accreditation Steering Committee

**NATIONAL AND INTERNATIONAL SERVICE ACTIVITIES**

- 2004-2006 Agency for Toxic Substances and Disease Registry (ATSDR) peer-reviewer  
2008 National Cancer Institute, Scientific Review Group: Chemo-Dietary Prevention  
2008 National Cancer Institute, Special Emphasis Panel/Scientific Review Group: The Cooperative Family Registry for Colorectal Cancer Studies

2009 Centers for Disease Control and Prevention Scientific review group: The *CDC Grants for Public Health Research Dissertation (R36)*

2010 Asthma UK Foundation grant review group

2011-2012 National Cancer Institute, Scientific Review Group: SELECT and PCPT Biospecimen Use

2012-2015 Vietnam Education Foundation application review group

2012 American University of Beirut multi-investigator grant reviewer

2014 World Cancer Research Fund grant reviewer

2015 Vanderbilt-Emory-Cornell-Duke Global Fellows Program application reviewer

2015 National Cancer Institute, Scientific Review Group: Core Infrastructure and Methodological Research for Cancer Epidemiology Cohorts

2018- World Professional Association for Transgender Health Standards of Care Chapter Lead

## SERVICE IN SCIENTIFIC JOURNALS

Associate Editor: Annals of Epidemiology (2008-2018)

Journal Reviewer: American Journal of Epidemiology; Annals of Epidemiology; BMJ Open; Breast Cancer Research; Cancer Epidemiology Biomarkers and Prevention; Clinical Cancer Research; Critical Reviews in Toxicology; Environmental Health Perspectives; European Journal of Cancer Prevention; International Journal of Epidemiology; Journal of Sexual Medicine; Journal of Toxicology and Environmental Health; Neurotoxicology; Nutrition and Cancer; Occupational and Environmental Medicine; Psychosomatic Medicine, PloS One, Transgender Health

## RESEARCH SUPPORT (active projects)

AD-SS-4532 Patient Centered Outcomes Research Institute 01/01/19-03/31/20

Acute Thrombotic Events Following Feminizing Hormone Therapy

Annual direct cost: \$264,640

The goal of this project is to characterize risk of venous thromboembolism and ischemic stroke in different subgroups of transfeminine people based on different characteristics of gender affirming hormone therapy they receive.

Role: Principal Investigator

EADI-12673 Patient Centered Outcomes Research Institute 01/01/19-03/31/20

Management of mental health problems among gender non-conforming youth

Annual direct cost: \$213,309

The goal of this project is to educate health care providers (doctors and nurses), parents and school counselors about risks facing transgender children and adolescents, and to let them know about available ways of reducing these risks..

Role: Principal Investigator

R01CA230352 National Cancer Institute 4/1/19-3/31/24

10-year Comparative Effectiveness and Harms of Treatments for Prostate Cancer

Annual direct cost (subcontract): \$62,745

The goal of this study is to provide information about long term outcomes of modern prostate cancer treatment modalities in a national cohort patients

Role: Site Principal Investigator (Atlanta site)

PC180927                      Department of Defense                      8/1/19-07/31/22  
Racial Disparities in Active Surveillance Adherence and Quality of Life in a Population-Based Prospective Cohort of Men with Low-Risk Prostate Cancer

Annual direct cost (subcontract): \$68,912

The goal of this study is to provide information about factors that affect adherence and outcomes of active surveillance as an initial management strategy for prostate cancer. .

Role: Site Principal Investigator (Atlanta site)

CFAR-03      National Institutes of Health Center for Aids Research                      08/1/2019-07/31-2020  
A Pilot Study of Transgender Health in the State of Tamil Nadu, India

Annual direct cost: \$40,000

The overall goal of this study is to assess feasibility of a full scale cohort of transgender people in India, with specific focus on possible interaction between HIV status and use of cross-sex hormones.

Role: Principal Investigator

R01HD092595      National Institute of Child Health and Human Development                      9/1/17-5/31/22  
Pathways to care and health outcomes among DSD patients

Annual direct cost: \$550,578

The goal of this project is to understand how patients with disorders of sex development (DSD) are treated and how they do later in life. This study, based on the national cohort of Kaiser Permanente enrollees, will likely be the largest study of DSD, and the first study of its kind in the United States.

Role: Principal Investigator

P20CA210298      National Cancer Institute                      9/21/16-8/31/19  
Planning a regional center of research excellence in non-communicable diseases in India

Annual direct cost: \$289,628

The goal of this project is to combine data from four population-based cohorts and link these cohorts to existing cancer registries in India. This research infrastructure will be used to create a regional center of research excellence for non-communicable diseases.

Role: Principal Investigator

RSG CPPB124829      American Cancer Society                      7/01/13-6/30/19  
Why don't more men with low-risk prostate cancer choose active surveillance?

Annual direct cost (subcontract): \$131,068

The goal of this proposal is to provide information about determinants of treatment decision in men with low-risk localized prostate cancer, particularly the factors that affect the offer, acceptance, and adherence of active surveillance as an initial management strategy.

Role: Site Principal Investigator (Atlanta site)

N01 PC35135                      National Cancer Institute      Renewable  
Metropolitan Atlanta and Rural Georgia SEER Registry

Annual direct cost: \$750,000

This is a population-based cancer registry covering 15 Georgia counties. It has been in operation since 1975.

Role: Medical director: (starting in April 2007)

R01 LM012372 National Library of Medicine 7/01/16-6/30/19

Novel Citation-based Search Method for Scientific Literature

Annual direct cost: \$351,000

This project investigates whether efficiency of literature search can be improved without compromising sensitivity by systematically reviewing patterns and networks of studies that cross reference each other.

Role: Co-investigator

### **RESEARCH SUPPORT (completed projects)**

AD-12-11-4532 Patient Centered Outcomes Research Institute 8/01/13-6/30/18

Annual direct cost: \$569,476

Comparative risks and benefits of gender reassignment therapies

This project is used to assess clinical outcomes following various hormonal and surgical gender affirmation. This study is based on the national cohort of transgender individuals enrolled in the Kaiser Permanente health plan.

Role: Principal Investigator

CE-12-11-4667 Patient Centered Outcomes Research Institute 9/01/13-7/31/16

Annual direct cost (subcontract): \$40,612

Generating critical patient-centered information for decision making in localized prostate cancer

Role: Site Principal Investigator (Atlanta site)

The goal of this proposal is to provide up-to-date data for treatment decisions in men localized prostate cancer by contacting patients 3-5 years after diagnosis.

1R01HS22640 Agency for Health Care Research and Quality 9/30/15-9/29/18

Annual direct cost (subcontract): \$61,798

Comparative effectiveness of modern therapies for localized prostate cancer

The goal of this project is to provide up-to-date data for treatment decisions in men localized prostate cancer by contacting patients 3-5 years after diagnosis.

Role: Site Principal Investigator (Atlanta site)

R01CA98286 National Cancer Institute 8/01/2006-7/31/2016

*Colorectal Chemoprevention with Calcium and Vitamin D*

Annual direct costs: \$250,000

This is a multicenter randomized, double-blind, placebo-controlled chemoprevention trial investigating whether supplementation with calcium carbonate and/or vitamin D will reduce recurrence of adenomas of the large bowel.

Role: Site Principal Investigator (Atlanta site)

R21HD076387 National Institute of Child Health and Human Development 8/01/13-7/31/16

Annual direct cost: 261,359

Cohort study of mortality and morbidity in transgender persons

The overall project goal is to assess the feasibility of a large-scale national prospective study of transgender individuals and will provide preliminary data on morbidity and mortality in this population.

Role: Principal Investigator



R01CA151736      National Cancer Institute      9/01/2010-2/29/2016  
Effectiveness of Screening Colonoscopy in Reducing Deaths from Colorectal Cancer  
Annual direct cost      \$80,000  
The goal of this case-control study is to assess the effectiveness of screening colonoscopy in reducing death from colorectal cancer among average-risk adults when compared to no screening to evaluate the effectiveness of screening colonoscopy for reducing death from cancers of the right colon and left colon/rectum.  
Role: Co-investigator

GR08657      Johnson and Johnson      8/01/13-5/31/15  
Total direct cost: 115,355  
Adverse effects of joint replacement among Kaiser Permanente Georgia patients  
The overall project goal is to develop and pilot test a data collection protocol for a large-scale national study of arthroplasty patients.  
Role: Principal Investigator

SIP-11-044      Centers for Disease Control and Prevention      9/30/11-9/29/14  
Annual direct costs \$500,000  
State Registries as Platforms for High-Risk Cancer Screening  
The primary goal of the study is to develop ways to improve screening and follow-up care for breast cancer in women and their first-degree relatives (mother, daughter, sister, half-sister) who may also be at increased risk for this disease.  
Role: Co-Investigator

R21CA149350      National Cancer Institute      9/16/11-9/15/13  
Annual direct costs      \$ 130,500  
Mitochondrial Genetics in Prostate Cancer  
The overall goal of this project is to determine the inherited mitochondrial DNA mutations in blacks and whites with prostate cancer by high-throughput DNA sequencing and to determine drug sensitivity in cancer cells that harbor these mutations. Mutation-specific therapies will be explored.  
Role: Co-investigator

R01 HS019356      Agency for Healthcare Research and Quality      9/01/10-8/31/13  
Annual direct costs      \$ 1,466,582  
Comparative Effectiveness of Treatments for Localized Prostate Cancer  
This study compares the effectiveness of contemporary surgical and radiation techniques for localized prostate cancer in men at 6 and 12 months post therapy by evaluating patient-reported outcomes, side-effects, and complications associated with treatment.  
Role: Site Principal Investigator (Atlanta site)

KPGA14470      Kaiser Permanente Georgia      5/01/2011-6/30/2013  
Direct cost      \$80,000  
*Study of Race, Stress and Hypertension*  
The objective of this study is to provide pilot data for future research evaluating the genetic, phenotypic and environmental factors that may explain racial disparities in the prevalence and severity of hypertension. We will conduct a preliminary study designed to assess dietary, lifestyle and psychosocial exposures, in relation to blood pressure and presence of arterial

hypertension in three groups of subjects: Caucasians, African-Americans and West African immigrants.

Role: Principal Investigator

UL1RR025008 National Institutes of Health 9/17/2007-5/31/2012  
Atlanta Clinical and Translational Science Institute- Biostatistics and Epidemiology

Annual direct costs: \$4,743,431

The Atlanta Clinical and Translational Science Institute (ACTSI) is an inter-institutional consortium that concentrates basic, translational, and clinical investigators, community clinicians, professional societies, and industry collaborators in clinical and translational research projects. The consortium of institutions includes Emory University, Morehouse School of Medicine and Georgia Institute of Technology.

Role: Co-investigator

DP09-0101Supp09-15 Centers for Disease Control and Prevention 9/30/2009-9/29/2011  
Annual direct costs \$500,000

*Active Surveillance Attitudes and Perceptions in Prostate Cancer*

The major goal of this proposal is to explore reasons why men and their significant others may select active surveillance as a treatment option in prostate cancer using a national sample of community centers, National Rural Health Association, and Veterans Affairs Medical Centers.

Role: Co-Investigator

R01 CA116795 National Cancer Institute 5/01/2007-4/30/2010

*Oxidative Stress, DNA Repair & Colorectal Adenoma Risk*

Annual direct costs: \$250,000

The objective of the proposed study is to examine the associations among colorectal adenoma; determinants of oxidative stress, including dietary habits, biomarkers of oxidative damage, serum antioxidant levels; and genetic variation in antioxidant and DNA repair enzymes using data and biological specimens collected in a previous case-control study of incident, sporadic colorectal adenoma.

Role: Principal investigator

Winship Cancer Institute 10/01/2008-3/01/2010

*Mitochondrial Factors and Prostate Cancer Risk in Whites and Blacks: A Pilot Population-Based Case-Control Study*

Annual direct costs: \$30,000

The objective of this study is to provide pilot data for future research evaluating the genetic, phenotypic and environmental determinants of oxidative stress as the underlying mechanism, which may explain the racial disparities in prostate cancer risk.

Role: Principal Investigator

R01 CA114524 National Cancer Institute 8/01/2007-7/31/2010

*Race, Comorbidity & Long Term Prostate Cancer Outcomes*

Total direct costs: \$150,000

The goal of this proposed study is to better understand long-term (>10 year) health related quality of life in patients with prostate cancer.

Role: Site Principal investigator (Atlanta site)

N01-PC-95002-18-01 National Cancer Institute 8/01/2009-7/31/2010

*Evaluation of Process Efficiency in the Task of Case Consolidation within SEER Registries*

Total direct cost: \$28,763

The goal of this study is to evaluate system-related process efficiencies in case consolidation, a routine task of central cancer registries. Recommendations will be made to optimize data management system design and improve operational efficiencies.

Role: Co-Investigator

N01-PC-95002-18-02                      National Cancer Institute                      8/01/2009-7/31/2010

Total direct cost: \$ 47,889

*Frequency and Predictors of Missing Data in Site-Specific Variables Recently Added to SEER*

The objectives of the proposed study are to evaluate the completeness of the site specific variables recently added to SEER, to identify factors associated with missing information, and to quantify the resources required to collect these data.

Role: Principal Investigator

W18XWH-05-1                      US Department of Defense                      11/22/2004-11/21/2006

Total direct costs: \$250,000

*A VA Population Study of Disease Progression in Prostate Cancer Patients*

This project examines the role of chromosome 8p deletion in modifying the value of clinical predictors of postoperative prostate cancer recurrence among US veterans.

Role: Co-investigator

U48DP00004301                      Centers for Disease Control and Prevention                      10/1/2004-9/30/2008

Total direct costs: \$1,200,000

*Treatment Decisions among Men with Localized Prostate Cancer in Southwest Georgia*

This is a CDC-funded project to identify treatment options and factors influencing treatment decisions among men diagnosed as having prostate cancer in rural Georgia.

Role: Co-investigator

N01-PC-35135                      National Cancer Institute                      10/30/2004-7/1/2006

*Assessment of Accuracy of Geocoding*

Total direct costs: \$150,000

This is a SEER rapid response surveillance study aimed at examining the variation and availability of address information in order to identify optimal methods of geocoding cancer registry data.

Role: Principal investigator

N01-PC- 32185                      National Cancer Institute                      9/30/2005-4/1/2007

*Depth of Invasion for Tongue Cancer*

Total direct costs: \$20,000

This is a SEER rapid response surveillance study aimed at examining the variation and completeness of pathology information in surgically treated tongue cancers.

Role: Principal investigator

U48DP00004302                      Centers for Disease Control and Prevention                      10/1/2005-10/1/2008

*Determinants of Patient Dropout from Cancer Treatment and Follow-up*

Total direct costs: \$300,000

This is a CDC-funded project that examines frequency and risk factors of failure to complete treatment among cases of prostate cancer, lung cancer, colorectal cancer, and breast cancer that reside and receive their treatment in rural Georgia

Role: Co-investigator

U01DP00025801      Centers for Disease Control and Prevention 10/1/2005-09/30/2008

*Breast and Prostate Cancer Data Quality and Patterns of Care*

Total direct costs: \$900,000

This is a multicenter project that examines patterns of care among men with prostate cancer and women with breast cancer who reside and receive their treatment in the State of Georgia.

Role: Co-investigator

6-37249                      Coca Cola Company    11/1/2005-03/1/2006

*Study of the Association between Aspartame Consumption and Cancer in Humans: Feasibility Assessment*

Total direct costs: \$48,000

This study examined data availability and feasibility of an epidemiologic study of aspartame consumption and cancer in human beings by using data from one or more existing prospective cohort studies.

Role: Principal investigator

Woodruff Health Sciences Fund    9/30/2006-10/1/2008

Total direct costs: \$128,000

*Regulators and markers of oxidative stress in predicting and preventing prostate and colorectal neoplasms*

This is a one-year project aimed at investigating new approaches for cancer risk prediction and prevention that uses existing samples from two previously conducted case-control studies. It takes into consideration inherent individual susceptibility and interactions among different factors that contribute to carcinogenesis via inflammation and oxidative stress pathways.

Role: Principal investigator

N01-PC- 32187                      National Cancer Institute    9/30/2006-12/31/2008

*Accuracy of biopsy-derived Gleason scores*

Total direct costs: \$70,000

This is a SEER rapid response surveillance study aimed at comparing Gleason scores assigned at diagnosis against those assigned by expert urologic pathologists specializing in this area.

Role: Principal investigator

RSG-05-038-01-CCE      American Cancer Society    4/1/2005-3/31/2009

*Measurements of Disease Progression in Patients with 8p Allelic Imbalance Prostate Tumors*

Total direct costs: \$600,000

This project examines the role of chromosome 8p deletion in modifying the value of positive surgical margin and Gleason score as predictors of postoperative prostate cancer recurrence.

Role: Co-investigator

## **PEER-REVIEWED PUBLICATIONS (227 total)**

(\*Asterisk indicates student projects)

**Goodman, M.**, Lamm S, Engel A, Shepherd C, Houser O, Gomez M. Cortical tuber count: a biomarker indicating neurologic severity of tuberous sclerosis complex. *Journal of Child Neurology*, 1997; 12(2): 85–90.

Jozwiak, S., **Goodman M**, Lamm S. Poor mental development in patients with tuberous sclerosis complex: clinical risk factors. *Archives of Neurology*, 1998; 55(3): 379–384.

**Goodman, M**, Lamm S, Bellman M. Temporal relationship modeling: DTP or DT immunizations and infantile spasms. *Vaccine*, 1998; 16(2–3): 225–231.

Hirshon J, Irons B, Figueroa P, Lewis-Bell K, **Goodman M**, Kirk G, Hersh B. Jamaica's measles elimination experience. *American Journal of Public Health*, 1999; 89(8): 1254-1255.

**Goodman M**, Morgan R, Ray R, Malloy C, Zhao K. Cancer in asbestos-exposed occupational cohorts: a meta-analysis. *Cancer Causes and Control*, 1999; 10: 453-465

**Goodman, M**, Paustenbach D, Sipe K, Chapman P, Burke M, Figueroa R, Zhao K, Exuzides A. Epidemiologic study of pulmonary obstruction in workers occupationally exposed to ethyl- and methyl-cyanoacrylate. *Journal of Toxicology and Environmental Health Part A*, 2000; 59: 135-163.

Deubner D, **Goodman M**, Iannuzzi J. Variability, predictive value and uses of the beryllium lymphocyte proliferation test (BLPT): Preliminary analysis of the ongoing workforce survey. *Applied Occupational and Environmental Hygiene*, 2001; 16(5): 521

**Goodman M**, Kelsh M, Ebi K, Langholz, B, Iannuzzi J. Evaluation of potential confounders in planning a study of occupational magnetic field exposure and female breast cancer. *Epidemiology*, 2002; 13(1): 50-58.

**Goodman M**, Mandel J, LaVerda N, Clarke C, Iannuzzi J, Foster D. Neurobehavioral testing in workers occupationally exposed to lead: systematic review and meta-analysis of the published literature. *Occupational and Environmental Medicine*, 2002; 59: 217

Hessel P, Teta M, **Goodman M**, Lau E. Mesothelioma among brake mechanics: An expanded analysis of a case-control study. *Risk Analysis* 2004 24(3): 547-552

**Goodman M**, Teta MJ, Hessel P, Garabrant D, Craven V, Scrafford C, Kelsh M. Mesothelioma and lung cancer among motor vehicle mechanics: A meta-analysis. *Annals of Occupational Hygiene*, 2004; 48(4): 309-326

Mink P, **Goodman M**, Kelsh M, Barraji L, Yager J. Evaluation of uncontrolled confounding in studies of environmental exposures and neurobehavioral testing in children. *Epidemiology*, 2004; 15 (4): 385–393.

Zhou W, **Goodman M**, Lyles R, Lim S, Williams T, Rusthoven K, Mandel J, Amin M, Petros J. Surgical margin and Gleason score as predictors of postoperative recurrence in prostate cancer with or without chromosome 8p allelic imbalance *The Prostate*, 2004; 61(1)

\*Ludwig, M, **Goodman, M**, Miller, D, Johnstone P. Postoperative survival and the number of lymph nodes sampled during resection of node-negative non-small cell lung cancer. *Chest*, 2005; 128 (3) 1545-1550

\*Johnson, W, Holtgrave, D, McClellan, W, Flanders, W, Hill A, **Goodman M**. HIV intervention for men who have sex with men: A 7-year update. *AIDS Education and Prevention*, 2005; 17(6): 568-569

Tsuji, J, van Kerkhove, M, Kaetzel, R, Scrafford, C, Mink, PJ Barraj, L, Crecelius, E, **Goodman M**. Evaluation of exposure to arsenic in residential soil. *Environmental Health Perspectives*, 2005; 113(12): 1735-1740

\*Morikawa A, Williams TY, Dirix L, Colpaert C, **Goodman M**, Lyles RH, Zhong D, Zhou W. Allelic imbalances of chromosomes 8p and 18q and their roles in distant relapse of early stage, node-negative breast cancer. *Breast Cancer Research*, 2005; 7(6): R1051-7

Terry P, **Goodman M**. Is the association between cigarette smoking and breast cancer modified by genotype? *Cancer Epidemiology Biomarkers and Prevention*, 2006; 15 (4) 602-611.

Johnstone, P, Ward K, **Goodman M**, Assikis V, Petros JA. Radical prostatectomy for cT4 prostate cancer. *Cancer*, 2006 106(12): 2603-9

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## **BOOK CHAPTERS, BOOK REVIEWS, INVITED EDITORIALS**

**Goodman, M**, LaVerda N. Children's health and environmental exposure to chemicals: implications for risk assessment and public health policy. In: *Human and Ecological Risk Assessment: Theory and Practice*, D. Paustenbach (Ed.), John Wiley & Sons, New York, 2002.

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**Goodman M**. Book Review. Epidemiology Matters: A New Introduction to Methodological Foundations by KM. Keyes and S Galea, *Annals of Epidemiology* 2015 25(2) 138-139

Collin L, **Goodman M**, Tangpricha V. Worldwide Prevalence of Transgender and Gender Non-Conformity. In: *Principles of Transgender Medicine and Surgery* 3rd Edition Ettner R, Monstrey S, Coleman E (Eds), Routledge, New York, NY 2016

## **SELECTED NATIONAL AND INTERNATIONAL PRESENTATIONS**

**Goodman M**. Current status of measles elimination programme in Jamaica. PAHO Annual Epidemiology Conference, Ocho Rios, Jamaica, June 1996.

**Goodman M**, Lamm S, Jozwiak S. Cortical tuber count, but not DTP Immunization, determines mental retardation status in tuberous sclerosis complex (TSC) patients. Teratology Society Annual Meeting, Palm Beach, Florida, June 1997.

**Goodman M**, Lamm S, Bellman M. Temporal relationship modeling: DTP or DT Immunizations and Infantile Spasms. International Society of Pharmacoepidemiology Annual Meeting, Lake Buena Vista, Florida, August 1997.

**Goodman M**, Heinsohn P, Malloy C. *Stachybotrys chartarum (atra)*: epidemiology perspective. American College of Occupational and Environmental Medicine Annual Meeting, New Orleans, LA, March 1999.

**Goodman M**, Paustenbach D, Chapman P. Use of pulmonary function tests to evaluate pulmonary obstruction in workers occupationally exposed to ethyl- and methyl-cyanoacrylates. American College of Epidemiology Annual Meeting, Bethesda, MD, September 1999.

**Goodman M**, Tsuji J. Is sulfate in drinking water a hazard for infants? Society of Toxicology Annual Meeting. Philadelphia, PA, March 2000.

**Goodman M**. Farm Family Exposure Study (FFES): Preliminary results. Children's Environmental Health: Second Global Forum. Washington, DC, September 2001.

**Goodman M**, Shum M, Mandel J. Field study of eye and upper airway irritation among trona miners: Presentation of the methods. 16th World Congress of Epidemiology, Montreal, Canada, August 2002

**Goodman M**, Teta MJ, Hessel P, Garabrant D, Craven V, Scrafford C, Kelsh M. Mesothelioma and lung cancer among motor vehicle mechanics: A meta-analysis. Annual Meeting of the Society of Risk Analysis, Baltimore, MD, December, 2003

**Goodman M**, Bostick R, Ward K, van Gils C, Taylor J, Mandel J. Combined effect of dietary lycopene, plasma antioxidants and XRCC1 genotype on prostate cancer risk. Annual meeting of the American Association for Cancer Research, Anaheim, CA, April, 2005

**Goodman M**, Mink PJ, Barraj LM, Britton NL, Yager JW, and Kelsh MA Sensitivity analyses in studies of continuous outcome measures: the example of methylmercury exposure and neuropsychological testing in children. International Neurotoxicology Conference Research Triangle Park, NC, September 2005

**Goodman M**, Bostick R, Ward K, McCullough, M Mandel J. The use of pathway-specific scores in observational epidemiology: An example of oxidative stress/inflammation and prostate cancer. The Annual Conference of the American Association for Cancer Research, Washington, DC, April, 2006

**Goodman M**, Bostick R, Ward K, McCullough, M Mandel J. The use of pathway-specific scores in observational epidemiology: An example of oxidative stress/inflammation and colorectal adenoma. Approaches to Complex Pathways in Molecular Epidemiology, Santa Ana Pueblo, NM, May, 2007

**Goodman M**, Hays S. Does swimming cause asthma? A critical review of the state of the science and recommendations for a path forward. National Environmental Health Association Annual Conference, Atlantic City, NJ, June 2007

**Goodman M**, Hays S. Swimming and asthma: A review of the literature. World Aquatic Health Conference (invited speaker), Colorado Springs, CO, October 2008

**Goodman M**, Ward K. Accuracy of Gleason scores in SEER data. Annual Conference of the North American Association of Central Cancer Registries San Diego, CA, June, 2009

**Goodman M**, Squibb K, Youngstrom E, Anthony L, Kenworthy L, Lipkin P, Mattison D, LaKind J. Weight-of-the-evidence assessment in neurodevelopmental epidemiology: A plea for consistency. Annual Conference of the Neurobehavioral Teratology Society, Louisville, KY, June, 2010

**Goodman M**, Bostick, R, Dash C. Determinants and markers of oxidative stress in cancer epidemiology. International Conference on Nutrition and Cancer (invited speaker), Bodrum, Turkey, October 2010

**Goodman M**, Naiman J, Goodman D, LaKind J. Cancer clusters in the USA – What do the last twenty years of state and federal investigations tell us? Annual Conference of the North American Association of Central Cancer Registries Portland, OR, June, 2012

**Goodman M**. Patient-centered transgender health research. Southern Comfort Conference, 2014 (invited speaker), Atlanta, GA, September, 2014

**Goodman M**, Reisner S. Methodology and data collection in transgender health research. National Institute of Child and Human Development Transgender Health and Medicine Research Conference, 2015 (invited speaker), Bethesda, MD, May, 2015

**Goodman M**. Overview of STRONG: Study of Transition, Outcomes & Gender. World Professional Association for Transgender Health Biennial Symposium, Amsterdam, Netherlands, June, 2016.

**Goodman M**. Registration of clinical trials: Lessons learned. Annual Meeting of the International Society of Exposure Science (invited speaker), Utrecht, Netherlands, June, 2016.

**Goodman M.** Cohort study of transgender people. Emory University Rollins School of Public Health, Epidemiology Grand Rounds. Atlanta, GA, May, 2017,

**Goodman M.** A cohort study of transgender people: early findings. Harvard University School of Medicine, Endocrinology Grand Rounds, Boston, MA, June 2018.

**Goodman M.** Study of Transition, Outcomes & Gender (STRONG): Lessons learned. World Professional Association for Transgender Health Biennial Symposium (invited plenary speaker), Buenos Aires Argentina, November 2018.

**Goodman M.** Identification of persons with disorders (differences) of sex development in electronic medical records: Methodology and early results. World Professional Association for Transgender Health Biennial Symposium, Buenos Aires, Argentina, November 2018.