

NATIONAL SOCIETIES OFFICES HELD

Scientific Planning Committee, American Society of Clinical Oncology, 2007-2010
 Track Leader for Biostatistics, Scientific Planning Ctte, American Society of Clinical Oncology, 2009
 ENAR International Biometrics Society Student Paper Awards Committee, 2006-2009
 Translational Breast Cancer Research Consortium, Statistician, 2007-present

LOCAL SOCIETIES MEMBERSHIP:

South Carolina Chapter of the American Statistical Association

EDITORIAL POSITIONS:

ASSOCIATE EDITOR, Clinical Trials, 2007 - present

REFEREE: Alzheimers and Dementia, American Journal of Epidemiology, Annals of Internal Medicine, Behaviormetrika, Bioinformatics, Biometrics, Biostatistics, Cancer Management, Cancer Research, Clinical Cancer Research, Clinical Trials, Functional and Integrative Genomics, Journal of Clinical Oncology, Journal of the National Cancer Institute, The Journal of Nutrition, Journal of Applied Statistics, Journal of the American Statistical Association, Journal of Psychosocial Oncology, Journal of the Royal Statistical Society, Statistics in Medicine.

NATIONAL GRANT REVIEW AND ADVISORY BOARD ACTIVITIES

2002 Reviewer, California Breast Cancer Research Program Grant Applications
 2007 Reviewer, Susan G. Komen for the Cure Focused Areas of Study Program Grants
 2008 Reviewer, Susan G. Komen for the Cure Promise Grants
 2009 - 2011 Member & Reviewer, Scientific Peer Review Ctte, Susan G. Komen for the Cure, Promise Grants
 2009, June Reviewer, National Cancer Institute, Specialized Programs of Research Excellence (SPORE)
 2009, Sept Reviewer, National Cancer Institute, Specialized Programs of Research Excellence (SPORE)
 2009 Reviewer, Susan G. Komen for the Cure, Targeted Therapies

LOCAL GRANT REVIEW

MUSC-Wake Forest Cancer Prevention and Control Pilot Project Review Committee, 2007
 American Cancer Society Institutional Research Grants, 2007
 American Cancer Society- Institutional Research Grant, 2008

PROFESSIONAL MEETING SESSION CHAIR

Organizer and Chair, Eastern North American Region (ENAR) International Biometrics Society Annual Meeting: "Methods for Combining Gene Expression Datasets from Different Studies", 2004

EXTERNAL DATA SAFETY AND MONITORING COMMITTEES

2008 – present Member of DSMB for Trial Entitled "Comparison of Desvenlafaxine SR Versus Placebo in the Treatment of Vasomotor Symptoms in Women Who Have Survived Breast Cancer. Wyeth Pharmaceuticals.
 2009 – present Member, Pan American Cancer Trials Network's Data and Safety Monitoring Board.

EXTRAMURAL GRANTS/AWARD AMOUNT (CURRENT AND PAST):**CURRENT RESEARCH SUPPORT**

K23 DA020482 (NIH/NIDA) PI: Carpenter 09/30/07-08/31/12
 Stimulus Control and Trajectories of Adolescent Smoking
 Role: Co-Investigator

2 P01 CA097132-06 (NIH/NCI) PI: Ogretmen/Hannun 08/01/08-7/31/13
 Sphingolipids in Cancer Biology and Therapy: Project 4-Regulation of ER Stress by de Novo Ceramide Synthesis in Head and Neck Cancer
 Role: Co-Investigator

5 P01 CA078582 (NIH/NCI) PI: Watson 09/30/08 - 04/30/10
Role of Ets Genes in Transformation and Differentiation
Role: Co-Investigator

SECTR grant (state funded) PI: Voelkel-Johnson 10/01/08 – 9/30/09
Use of Exfoliated Cells in Urine for Detection of Cancer and Prediction of Treatment susceptibility
Role: Co-Investigator

W811XWH-08 (Department of Defense) PI: Kraft 02/01/09 – 01/31/12
The Mechanism of Action of Unique Small Molecules that Inhibit the Pim Protein Kinase Blocking Prostate Cancer Cell Growth
Role: Co-Investigator

1P30 CA138313-01 PI: Kraft/Garrett-Mayer 04/01/09 - 06/30/14
Medical University of South Carolina – Cancer Center Support Grant, Biostatistics Core
Role: Principal Investigator

COMPLETED RESEARCH SUPPORT

1RO3 CA128482-01 (NIH/NCI) PI: Carter 06/01/07 – 12/31/08
The Impact of Dragon Boat Racing on Cancer Survivorship
Role: Co-Investigator

RSG-07-004-01-CCE (American Cancer Society) PI: Emens 10/01/06 - 01/15/07
Manipulating Immunoregulatory Pathways to Maximize Breast cancer Vaccine Activity
Role: Co-investigator

2P50CA088843-06A1 (NIH/NCI) PI: Davidson/Parmigiani 09/30/06 - 01/15/07
Breast SPORE / Biostatistics Core
Role: Co-investigator

1R2CA123888-01 (NIH) PI: Altioik 07/01/06 - 01/15/07
Prediction and Assessment of Response to Targeted Therapy in Pancreatic Cancer
Role: Co-investigator

R01CA116554 (NIH) PI: Hidalgo 06/01/06 – 01/15/07
Individualized Treatment of Pancreatic Cancer
Role: Co-investigator

1R21CA117125 (NIH/NCI) PI: Messersmith 06/01/06 – 01/15/07
Evaluation of Bay43-9006/Cetuximab in Colorectal Cancer
Role: Co-investigator

P30CA006973 (NIH/NCI) PI: Abeloff / Parmigiani 05/01/06 – 01/15/07
Regional Oncology Research Center: Bioinformatics
Role: Co-investigator

NCI/Avon Foundation Partnership for Progress PI: Wolff 01/01/06 – 01/15/07
DNA Methylation in Serum as a Predictive Marker of Progression and Survival Following Treatment of Metastatic Breast Cancer.
Role: Co-investigator

TAX 2501 (Aventis) PI: Eisenberger 10/01/05 – 01/15/07
Prostate Cancer Taxotere Study
Role: Co-investigator

R21CA109283 (NIH) Pharmacogenomics of Erlotinib Role: Co-investigator	PI: Hidalgo	07/01/05 – 01/15/07
R21CA112919 (NIH) Pharmacodynamic-Guided Dose-Finding Study of Rapamycin in Adult Patients with Solid Tumors Role: Co-investigator	PI: Hidalgo	09/17/04 – 01/15/07
DMS0342111 (National Science Foundation) Multi-Study Genomic Data Analysis Role: Co-investigator	PI: Parmigiani	05/01/04 – 04/30/06
R21CA108774 (NIH) Cancer Vaccines in the Treatment of CML Role: Co-investigator	PI: Levitsky	12/30/03 – 11/30/05
304-2294 (Translational Breast Cancer Research Consortium) The Contralateral Breast as a Model for Chemoprevention: Preliminary Evaluation of Factors of Sensitivity of Resistance to Anastrozole Role: Co-investigator	PI: Stearns	10/01/03 – 09/30/05
310-2011 (Aventis) A Multicenter, Open-Label Phase II Trial of Adjuvant Taxotere in Patients with High Risk of Relapse Following Prostatectomy Role: Co-investigator	PI: Garrett-Mayer	09/01/03 – 01/15/07
P30CA006973 (NIH/NCI) Regional Oncology Research Center: Phase I Study of Doxetaxel/ST 1571 in Breast Cancer Role: Co-investigator	PI: Abeloff/Wolff	05/15/03 – 01/15/07
R21CA957030-01A1 (NIH) Microarray Analysis of Thyroid Neoplasms Role: Co-investigator	PI: Zeiger	05/01/03 – 04/30/05
P01CA 098252 (NIH) SPORE in Cervical Cancer Role: Co-investigator	PI: Wu/Wang	12/01/02 – 11/30/03
P50CA096784 (NIH) SPORE in Head and Neck Cancers Role: Co-investigator	PI: Sidransky/Goodman	10/01/02 – 9/30/04
P50CA096888 (NIH) SPORE in Lymphoma Cancer Role: Co-investigator	PI: Ambinder/Piantadosi	09/01/02 – 01/15/07
PAR-99-128 (NIH/NCI) Serum FAS and the Early Detection of Breast Cancer Role: Co-investigator	PI: Newschaffer	07/01/02 – 08/14/02
P01CA070970 (NIH/NCI) Hematopoietic Stem Cells for Transplantation Role: Co-investigator	PI: Civin/Piantadosi	04/01/02 – 01/15/07

PA-00-047 (NIH) Augmenting ADCC with Rituximab and LAK Cells Role: Co-investigator	PI: Flinn	01/01/02 – 12/31/03
P30CA006973 (NIH/NCI) Regional Oncology Research Center: Biostatistics Role: Co-investigator	PI: Abeloff /Piantadosi	07/13/01 – 01/15/07
TURPG-00-294-01-PBP (American Cancer Soc.) Fruits and Vegetables Intervention in DC Public Housing Role: Co-investigator	PI: Shankar	07/01/01 – 06/30/04
5P30 CA06973-39S2 (NIH/NCI) Regional Oncology Research Center – A Program for Depression Among African American Cancer Survivors Role: Co-investigator	PI: Zabora	05/01/01 – 04/30/02
DK-00-002 (NIDDK) The Hopkins DK Center for the Analysis of Gene Expression Role: Co-investigator	PI: Germino	09/30/00 – 09/29/03
P50CA88843 (NIH/NCI) Breast SPORE / Biostatistics Core Role: Co-investigator	PI: Davidson/Parmigiani	09/01/00 – 09/29/06
R03 CA88769-02 (NIH/NCI) Family Dynamics and Problem-Solving Education for Caregivers Role: Co-investigator	PI: Zabora	08/23/00 – 06/30/02
R01 A141956-02 (NIH) Adjunct Vitamin A Therapy for Tuberculosis and HIV/AIDS Role: Co-investigator	PI: Semba	09/01/99 – 08/31/03
R01-HD32247 (NIH) Micronutrients and Mother-to-Child Transmission of HIV Role: Co-investigator	PI: Semba	08/15/99 – 07/31/02
R01-MH56639 (NIMH) Statistics for Longitudinal Studies of Mental Health Services Role: Co-investigator	PI: Zeger	08/15/97 – 07/31/03
5M01 RR0035-32 (NIH) General Clinical Research Center (GCRC) Role: Co-investigator	PI: Saudek	12/01/96 – 11/30/02
T32-MH19901 (NIH/NIMH) Biostatistics Mental Health Psychiatry Training Program Role: Trainee	PI: Liang	07/01/93 – 06/30/03
N01-AG12122 (NIH/NIA) Womens Health and Aging Study Role: Research Assistant	PI: Fried	07/01/91 – 02/28/01

AWARDS, HONORS, MEMBERSHIP IN HONORARY SOCIETIES:

1994

Phi Beta Kappa, Bowdoin College Chapter

1994

Summa cum laude, Bowdoin College

1995-1999	Biostatistics Mental Health/Psychiatry Training Grant
1998	Helen Abbey Award for Excellence in Student Teaching
2000 – present	Delta Omega Society
2006 – present	Associate Editor, <i>Clinical Trials</i>

ACADEMIC COMMITTEE ACTIVITIES:**MUSC**

2007 – 2008	Oncology Biostatistics Search Committee, Hollings Cancer Center and Department of Biostatistics & Epidemiology
2007 – 2009	Student Recruiting Committee , Department of Biostatistics & Epidemiology
2007 – present	Senior Faculty Search Committee , Department of Biostatistics & Epidemiology
2007 – present	Faculty Awards Committee , Department of Biostatistics & Epidemiology
2007 – present	Advanced Exam Committee, Department of Biostatistics & Epidemiology
2007 – 2009	Seminar Committee , Department of Biostatistics and Epidemiology
2007 – present	Protocol Review Committee, Hollings Cancer Center
2007 – present	Co-chair, Data Safety Monitoring Committee, Hollings Cancer Center
2007 – present	Executive Council, Hollings Cancer Center
2009 – present	Chair, Admissions Committee, Division of Biostatistics & Epidemiology, Department of Medicine
2009 – present	Co-Director, Graduate Training Program, Biostatistics & Epidemiology, Department of Medicine
2009 – present	Senior Search Committee, Biostatistics & Epidemiology, Department of Medicine

Johns Hopkins University

1999-2001	General Clinical Research Center, School of Medicine
2000-2005	Expressionist Working Group member, Schools of Medicine and Public Health
2000-2006	Oncology Scientific Clinical Review Committee, Sidney Kimmel Comprehensive Cancer Center
2004	Bioinformatics Faculty Search Committee, Departments of Oncology and Biostatistics
2004-2005	Co-Chair, Oncology Scientific Clinical Review Committee, Sidney Kimmel Comprehensive Cancer Center
2006-2007	Chair, Oncology Clinical Research Review Committee, Sidney Kimmel Comprehensive Cancer Center
2005-2007	Organizer, Cancer Clinical Trials Working Group, Sidney Kimmel Comprehensive Cancer Center

MAJOR TEACHING RESPONSIBILITIES :**COURSES TAUGHT:****MUSC**

Analysis of Survival Data 2008 *Instructor*
 Department of Biostatistics, Bioinformatics, and Epidemiology
 This is a one-semester introductory course in theory and application of analytic methods for time-to-event data. The methods covered include nonparametric, parametric, and semi-parametric (Cox model) approaches. The topics covered will also include types of censoring and truncation, sample size and power estimation, and a brief introduction to counting process method.

Biostatistical Methods II: Regression 2009 *Instructor*
 This is a one-semester course intended for graduate students pursuing degrees in biostatistics and related fields such as epidemiology and bioinformatics. Topics covered will include linear, logistic, poisson, and Cox regression. Advanced topics will be included, such as ridge regression or hierarchical linear regression if time permits. Estimation, interpretation, and diagnostic approaches will be discussed. Software instruction will be provided in class in R and Stata.

Johns Hopkins University

Methods in Clinical Research

1991-2001

Instructor

The Johns Hopkins University School of Medicine. Two-week intensive course taught primarily to medical fellows and junior faculty. Dr. Garrett-Mayer's instruction included daily hour-long lectures using statistical software.

Statistical Reasoning in Public Health I & II

2000-2001

Instructor

Summer Epidemiology Institute, Johns Hopkins School of Hygiene and Public Health. Two-week intensive course taught to graduate students. Dr. Garrett-Mayer's instruction included daily 4 hour-long lectures and instructional labs on introductory biostatistics.

Statistics for Psychosocial Research:

2000-2004, 2006

*Co-Instructor**Measurement and Structural Equation Models*

The Johns Hopkins University Bloomberg School of Public Health. One semester (16 weeks). Dr. Garrett-Mayer has co-instructed this course for five years with Dr. Richard Miech from the Department of Mental Health in the School of Public Health. Course consists of three hours of lectures and one hour-and-a-half computer laboratory session per week. Nominated for "Golden Apple" teaching award in 2000-2001 academic year.

Repeated Multi-Item Responses in Clinical Trials

2001

Instructor

Biometrics Department, Ortho-McNeil Pharmaceuticals, Raritan, New Jersey. One-day short course. Conducted with three other faculty from the Biostatistics Department at the School of Public Health. Dr. Garrett-Mayer's component consisted of a two-hour lecture on using latent class modeling for assessing treatment effects.

The Psychiatry Research Lecture Series

2001

Instructor

Psychiatry Research Center, Kennedy Krieger Institute, Baltimore, MD. Six-lecture series in basic statistical methods. One-hour lectures given to psychiatrists and other faculty in psychiatric research from the Kennedy Krieger Institute.

Clinical Trials in 20 Hours

2002

Co-Instructor

Sidney Kimmel Cancer Center, Johns Hopkins University. Co-taught with four other faculty of the Oncology Center's Division of Clinical Trials and Biometry. Course consists of 20 one-hour lectures on statistical topics relevant to clinical trial design, conduct, and analysis.

ST. GEORGE'S UNIVERSITY SCHOOL OF MEDICINE*Biostatistics*

2004

Instructor

St. George's University School of Medicine, St. George, Grenada. Two-week intensive course taught to second-year medical students in January and again in May. Dr. Garrett-Mayer's instruction included daily two hour-long lectures biostatistics in medical research and daily office hours.

MENTORING (PRE- AND POST-DOCTORAL)

MENTORING FROM 2000-2006 OCCURRED AT JOHNS HOPKINS UNIVERSITY.

MENTORING FROM 2007-PRESENT OCCURRED AT MEDICAL UNIVERSITY OF SOUTH CAROLINA

ADVISEES

2004-2008	Shu-Chih Su	PhD, Biostatistics
2004	Naomi Ko	MPH, Biostatistics
2004-2006	Lei Zhang	ScM, Biostatistics
2005-2006	Yi-Chun Ou Yang	ScM, Biostatistics
2007-2009	Emily Van Meter	MS Candidate, Biostatistics
2009-	Emily Van Meter	PhD Candidate, Biostatistics

THESIS COMMITTEES

<u>NAME</u>	<u>TITLE</u>	<u>DEFENSE DATE</u>
Thomas Trivison	PhD, Biostatistics	March 2002
Chiung-Yu Huang	PhD, Biostatistics	March 2002
Chuan-Yu Chen	PhD, Mental Health	January 2003
Yingyao Hu	PhD, Economics (A&S)	March 2003
Kathleen Hayden	PhD, Mental Health	August 2003
Wesley Eddings	PhD, Biostatistics	December 2003
Claire Lucas	PhD, Health Policy & Mgmt	December 2003
Kerry Pisacane	PhD, Health Policy & Mgmt	March 2004
Ya-Fen Chan	PhD, Mental Health	March 2004
Judith Bass	PhD, Mental Health	July 2004
Kathleen Cardona	PhD, Population & Family Health Sciences	March 2005
Christine Koth	PhD, Mental Health	August 2005
Michelle Kittleson	PhD, Clinical Investigation (SOM)	December 2005
Hong-fei Guo	PhD, Biostatistics	March 2006
Wei Hua	PhD, International Health	August 2006
Chengwu Yang	PhD, Biostatistics	
Jill Nonemaker	MS, Epidemiology	April 2008
Emily Van Meter	PhD, Biostatistics	
Boshao Zhang	PhD, Epidemiology	

THESIS PROPOSAL ORAL EXAM COMMITTEES

<u>NAME</u>	<u>TITLE</u>	<u>DEFENSE DATE</u>
Hong-fei Guo	PhD, Biostatistics	November 2001
Laura Pritchett	PhD, Population & Family Health Sciences	February 2002
Kathleen Hayden	PhD, Mental Health	November 2002
Michelle Shardell	PhD, Biostatistics	December 2002
Dongmei Liu,	PhD, Biostatistics	December 2002
Michelle Shardell	PhD, Biostatistics	December 2002
Dongmei Liu	PhD, Biostatistics	December 2002
Xianghua Luo	PhD, Biostatistics	January 2003
Kerry Pisacane	PhD, Health Policy & Management	February 2003
David Cohen	PhD, Biostatistics	February 2003
Judith Bass	PhD, Mental Health	September 2003
Andrea Stone	PhD, Mental Health	March 2003
Ya-Fen Chan	PhD, Mental Health	March 2003
Yi Huang	PhD, Biostatistics	April 2003
Yandong Qiang	PhD, International Health	April 2003
Ting Wing	PhD, Epidemiology	May 2003
Jose Arbelaez	PhD, Epidemiology	May 2003
Jeanhee Hong	PhD, Health Policy & Management	June 2003
Wei Hua	PhD, International Health	July 2003
Michelle Chervak	PhD, Health Policy & Management	August 2003
Stephanie Smith	PhD, Health Policy & Management	August 2003
Christine Koth	PhD, Mental Health	September 2003
Brian Egleston	PhD, Biostatistics	November 2003
Erin Winstanley	PhD, PhD, Mental Hygiene	December 2003
Alyson Hall	PhD, Health Policy & Management	December 2003
Gwendolyn Bergen	PhD, Health Policy & Management	February 2004
Melissa Davey	PhD, Mental Health	June 2004
Michelle Kittelson	PhD, GTPCI	June 2004
Celeste Torio	PhD, Health Policy & Management	June 2004
Regina Shih	PhD, Mental Health	September 2004
Joseph Logan	PhD, Health Policy & Management	November 2004
Rajevee Ramchand	PhD, Mental Health	December 2004

Robert Scharpf	PhD, Biostatistics	December 2004
Richard Skolasky	PhD, Health Policy & Management	February 2005
Shu-Chih Su	PhD, Biostatistics	October 2005
Amanda Kalaydjian	PhD, Mental Health	November 2005
Jessica Langbaum	PhD, Mental Health	January 2006
Haejoo Chung	PhD, Health Policy & Management	February 2006
Barbara Biedrzycki	PhD, Nursing (SON)	March 2006
Eva Bazant	PhD, Population & Family Health Sciences	May 2006
Jill Nonemaker	MS, Epidemiology	July 2007
James Whittle	MSCR	
Lee Wheless	MSCR	December 2008
Keisuke Shirai	MSCR	April 2009

TRAINING GRANT PARTICIPATION

K23, Sean Berenholtz (Anesthesia and Critical Care Medicine, Johns Hopkins University)
 K23, Wells Messersmith (Oncology, Johns Hopkins University)
 K01, Hexin Chen (Oncology, Johns Hopkins University)
 K07, Claire Snyder (Oncology, Johns Hopkins University)
 R03, Richard Skolasky (Orthopedic Surgery, Johns Hopkins University)
 K23, Matthew Carpenter (Psychiatry and Cancer, Medical University of South Carolina)
 K23, Yi Zhang (Department of Surgery, Medical University of South Carolina)

LECTURES AND PRESENTATIONS

MEETINGS/CONFERENCES/WORKSHOPS

AACR Cancer Biostatistics Workshop: Developing Targeted Agents Research Workshop, Sonoma, CA. July 2008 Instructor

A one-week intensive workshop in statistical methods in oncology and collaborative interactions between biostatisticians and oncologists for entry-level to mid-level biostatisticians in the cancer field. Dr. Garrett-Mayer's role is as a consulting statisticians including daily group and one-on-one meetings with students, and informal teaching sessions. Dr. Garrett-Mayer also gives a one-hour lecture on Phase II clinical trials in oncology.

AACR/ASCO Methods in Clinical Cancer Research Workshop, Vail, CO. August 2002-2007, Instructor August 2008-2010, Course Director

One-week intensive course for post-doctoral fellows and junior faculty in oncology. Dr. Garrett-Mayer's role is as consulting statistician, including daily group and one-on-one meetings with students, and informal teaching sessions. Dr. Garrett-Mayer also gives didactic lectures: *Novel Phase II Clinical Trials* and *Statistical Considerations: From Hypothesis to Analytic Plan*.

Systematic Analysis of Research Risks Workshop Retreat in Queenstown, MD January 11-13, 2009

The goal of this workshop is to develop and apply a method for categorizing and evaluating the risks of research procedures. For this purpose, workshop discussions will aim 1) to delineate more fine-grained categories of research risk than currently exist; 2) to specify important normative and practical implications of these risk categories (e.g. whether consent must be required); 3) to determine how these categories of risk map on to existing risk classifications in current research regulations; and 4) to reach consensus on which risk category common research interventions should be placed based on the available empirical data about the risks they pose. The project will focus on research that has social value, but offers no prospect of direct benefit to individual study participants.

INVITED TALKS

An Introduction to Biostatistics and Some New Findings on the Effects of Complications in a Surgical Population. Bowdoin Science Symposium, Brunswick, Maine, October 1997.

- Methods for Determining the Number of Categories of Functional Disability. The Gerontological Society of America Annual Meeting, Philadelphia, PA. November 23, 1998
- Defining Major Depression Via Latent Class Model Diagnosis. Biostatistics Grand Rounds, The Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD. December 3, 1999.
- Methods for Evaluating a Latent Class Model for Depression. Eastern North American Region (ENAR) International Biometrics Society Annual Meeting, Chicago, NC. March 26, 2000.
- Assessing Estimability of Latent Class Models Using a Bayesian Estimation Approach. Eastern North American Region (ENAR) International Biometrics Society Annual Meeting, Charlotte, NC. March 26, 2001.
- Latent Class Model Graphical Diagnostic Tools Using An MCMC Estimation Procedure. Society for Prevention Research Annual Meeting, Seattle, WA. June 1, 2002.
- A Statistical Framework for Expression-Based Molecular Classification. Joint Statistical Meetings of the American Statistical Association, New York, NY. August 12, 2002.
- Methods for Evaluating the Performance of Diagnostic Tests in the Absence of a “Gold-Standard:” A Latent Class Model Approach. Brown University Seminar Series, Brown University Division of Biostatistics. Providence, RI. December 9, 2002.
- Statistical Issues in the Analysis of Patient Outcomes. Guest lecture in ‘Patient Outcomes and Quality of Health Care.’ Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health. April 2003.
- Statistical Issues in Clinical Studies Using Laboratory Endpoints. American College of Surgeons Oncology Group Meeting, Montreal, Canada. June 5, 2003.
- Methods for Evaluating the Performance of Diagnostic Tests in the Absence of a “Gold-Standard:” A Latent Class Model Approach. CARMA Institute, Virginia Commonwealth University. March 5, 2004.
- A Nested Unsupervised Approach to Identifying Novel Molecular Subtypes. 2nd Institute of Mathematics and International Society for Bayesian Analysis, Joint Meeting, Bormio, Italy. January 12, 2005.
- A Likelihood Based Approach for Early Stopping in Phase II Cancer Clinical Trials. Society for Clinical Trials Annual Meeting. Orlando, FL. May 21, 2006.
- Protocol Development and Study Design. Patient Advocate Training Workshop Understanding Process: Supporting Change to Improve Cooperative Group Research. Baltimore, MD. November 6, 2006.
- A Likelihood Based Approach for Early Stopping in Phase II Cancer Clinical Trials. GlaxoSmithKline, Collegeville, PA. December 2006.
- A Likelihood Based Approach for Early Stopping in Phase II Cancer Clinical Trials. Eastern North American Region, International Biometric Society. Atlanta, GA. March 14, 2007.
- Putting the Novelty Back in Phase II Studies. AACR/ASCO Methods in Clinical Cancer Research Workshop. Vail, CO. Aug 2007 and Aug 2008.

Efficient Likelihood Based Approaches for Phase II Cancer Clinical Trials. Memorial Sloan Kettering Cancer Center Seminar Series, New York, NY. May 14, 2008.

The Continual Reassessment Method. NCI/CTEP Investigational Drug Phase I Trial Design Conference. Rockville, MD. July 8, 2008.

Overview of Standard Phase II Design Issues. Cancer Biostatistics Workshop: Developing Targeted Agents. Sonoma, CA. July 13-19.

EXTRAMURAL PROFESSIONAL ACTIVITIES:

CONSULTANTSHIPS

1999-2001 General Clinical Research Center, Johns Hopkins University
2002-2006 Department of Clinical Bioethics, National Institutes of Health
2004, 2008-9 Bingham McCutchen LLP

PUBLICATIONS:

PEER REVIEWED JOURNAL ARTICLES:

1. [Pronovost P, Jenckes MW, Dorman T, Garrett ES, Breslow MJ, Rosenfeld BA, Lipsett PA, Bass E. Organizational characteristics of intensive care units related to outcomes of abdominal aortic surgery. *Journal of the American Medical Association*. 1999; 281:1310-1317. PMID: 10208147](#)
2. [Lyketsos CG, Garrett ES, Liang KY, Anthony JC. Cannabis use and cognitive decline in persons under 65. *American Journal of Epidemiology*. 1999; 149:794-800. PMID: 10221315](#)
3. [Pronovost PJ, Dorman T, Sadnivokoff N, Garrett ES, Breslow MJ, Rosenfeld BA. The association between preoperative patient characteristics and both clinical and economic outcomes after abdominal aortic surgery. *Journal of Cardiothoracic and Vascular Anesthesiology*. 1999; 13:549-554. PMID: 10527223](#)
4. [Ahn NU, Sponseller PD, Ahn UM, Nallamshetty L, Rose PS, Buchowski JM, Garrett ES, Kuszyk BS, Fishman EK, and Zinreich SJ. Dural ectasia in the marfan syndrome: mr and ct findings and criteria. *Genetics in Medicine*. 2000; 2 \(3\):173-179. PMID: 11256662](#)
5. [Ahn UM, Ahn NU, Buchowski J, Garrett ES, Seiber A, Kostuik JP. Cauda equina syndrome secondary to lumbar disc herniation: a meta-analysis of surgical outcomes. *Spine*. 2000; 25 \(12\):1515-1522. PMID: 10851100](#)
6. [Chaves PHM, Garrett ES, Fried LP. Screening for risk of mobility disability in the clinical setting: predictive nomograms for older women. *Archives of Internal Medicine*. 2000; 160 \(6\):2525-2533. PMID: 10979066](#)
7. [Semba R, Garrett ES, Johnson B, Guralnik JM, Fried LP. Hypovitaminosis D Among women with and without disability. *American Journal of Clinical Nutrition*. 2000; 72 \(6\):1529-1534. PMID: 11101482](#)
8. [Garrett ES, Zeger SL. Latent class model diagnosis. *Biometrics*. 2000; 56 \(4\):1055-1067. PMID: 11129461](#)
9. [Ling SM, Fried LP, Garrett ES, Hirsch R, Guralnik JM, Hochberg MC, and the Women's Health and Aging Collaborative Research Group. The Accuracy of Self-Report of Physician Diagnosed Rheumatoid Arthritis in Moderately to Severely Disabled Older Women. *Journal of Rheumatology*, 2000; 27\(6\): 1390-1394. PMID: 10852259](#)

10. [Ahn NU, Ahn UM, Nallamshetty L, Rose PS, Buchowski JM, Garrett ES, Kebaish, KM, Sponseller, PD. The lumbar interpediculate distance is widened in adults with the marfan syndrome: data from 32 cases. *Acta Orthopædica Scandinavica*. 2001; 72 \(1\); 67-71. PMID: 11327417](#)
11. [Hruban RH, Adsav NV, Albores-Saavedra J, Compton C, Garrett ES, Goodman SN, Kern SE, Klimstra DS, Kloppel G, Longnecker DS, Luttges J, Offerhaus GJ. Pancreatic Intraepithelial Neoplasia: A New Nomenclature and Classification System for Pancreatic Duct Lesions. *American Journal of Surgical Pathology*. 2001; 25\(5\):579-586. PMID: 11342768](#)
12. [Huang W, Zeger SL, Anthony JC, Garrett ES. Latent variable model for joint analysis of multiple repeated and bivariate time events. *The Journal of the American Statistical Association*. 2001; 96: 906-914.](#)
13. [Nussenblatt V, Mukasa G, Metzger A, Ndeezi G, Garrett E, Semba RD. Anemia and interleukin-10, tumor necrosis factor- \$\alpha\$, and erythropoietin among children with acute, uncomplicated plasmodium falciparum malaria. *Clinical and Diagnostic Laboratory Immunology*. 2001; 8:1164-1170. PMID: 11687458](#)
14. [Semba RD, Kumwenda N, Taha TE, Mtimavalye L, Broadhead R, Garrett E. Impact of vitamin a supplementation on anaemia and plasma erythropoietin concentrations in pregnant women: a controlled clinical trial. *European Journal of Haematology*. 2001; 66:389-395. PMID: 11488938](#)
15. [Melikian G, Mmiro F., Ndugwa C, Perry R, Jackson JB, Garrett E. Relation of Vitamin a and carotenoid status to growth failure and mortality among ugandan infants with human immunodeficiency virus. *Nutrition*. 2001; 17 \(7-8\):567-572. PMID: 11448574](#)
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