CURRICULUM VITAE

MICHAEL E. GRISWOLD

PERSONAL DATA

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Bloomberg School of Public Health
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EDUCATION AND TRAINING

2005 Ph.D. Biostatistics
The Johns Hopkins University, Bloomberg School of Public Health
Baltimore, Maryland
Title: *Complex Distributions? Hmmmm...*
Hierarchical Mixtures of Marginalized Multilevel Models.
Advisor: Scott Zeger, Ph.D.

1998 B.S. Statistics / B.A. Mathematics
B.S. Computer Science / B.A. Physics
St. Cloud State University, St. Cloud, Minnesota

PROFESSIONAL EXPERIENCE

2005-Present   Executive Director, Johns Hopkins Biostatistics Center
The Johns Hopkins University, Bloomberg School of Public Health

2005-Present   Assistant Professor, Department of Biostatistics
The Johns Hopkins University, Bloomberg School of Public Health

2005-Present   Associate Editor, Annals of Internal Medicine
American College of Physicians

2005-Present   Special Government Employee, Consultant
FDA Center for Drug Evaluation and Research (CDER)

2003-2005   President, Griswold Consulting:
Statistics at the Interface of Government, Research and Industry

2000-2003   Statistical Consultant, Johns Hopkins Biostatistics Center
The Johns Hopkins University, Bloomberg School of Public Health

2001-2002   Statistical Consultant, Johns Hopkins Bayview Sleep Disorders Center
The Johns Hopkins Bayview Medical Center

1999-2002   Statistical Consultant, Center for Clinical Trials,
               The Johns Hopkins University, Bloomberg School of Public Health

EDITORIAL ACTIVITIES

Associate Editor: Annals of Internal Medicine

Referee: Biometrics; Statistics in Medicine; JASA; Biostatistics;
                       JRSSB; Am. Journal Epidemiology;

HONORS AND AWARDS

2005   Phi Beta Kappa Society
2002   NIA Technical Assistance Workshop Award
2000   Helen Abbey Award for Excellence in Teaching
1999-2003   Research Trainee, NIA Grant "The Epidemiology and Biostatistics of Aging"
1998   Mathematics/Statistics/Computer Science Inter-Departmental Award
1997   Ernest Stennes Excellence in Math/Statistics/Computer Science Award
1996   Florence Stennes Excellence in Math/Statistics/Computer Science Award

PUBLICATIONS

Caffo B., **Griswold M.,** *A User-friendly Tutorial on Link-probit-normal Models.* The American Statistician. (2006) 60(2) : 139 – 145.

Lucas, G., **Griswold M.**, Gebo K., Keruly J., Chaisson R., Moore R. *Illicit Drug Use and HIV-1 Disease Progression: A Longitudinal Study in the Era of Highly Active Antiretroviral Therapy* American Journal of Epidemiology 2006; 163(5):412-20

Windham B.G., **Griswold M**., Fried L.P, Rubin G., Xue Q., Carlson M.C. *Impaired vision and the ability to take medications.* Journal of the American Geriatrics Society 2005; 53:1179–1190

Simpson C., Boyd C., Carlson M., **Griswold M**., Guralnik J., & Fried L.P. *Agreement Between Self-report of Disease Diagnoses and Medical Record Validation In Disabled, Older Women: Factors That Modify Agreement.* Journal of the American Geriatric Society 2004; 52: 124-127

Agrawal N., Sewell D., **Griswold M**., Frank S., Hessel T., & Eisele D. *Hypothermia During Head and Neck Surgery*. Laryngoscope 2003; 113(8): 1278-82.

Spacek L., **Griswold M**., Quinn T., & Moore R. *Total lymphocyte count and hemoglobin combined in a clinical algorithm to initiate the use of highly effective antiretroviral therapy in resource-limited settings.* AIDS 2003; 17: 1311-7.

Johnson E., Dominici F., **Griswold M.,** & Zeger S. *Disease Cases and Their Medical Costs Attributable to Smoking: An Analysis of the National Medical Expenditure Survey*. Journal of Econometrics 2003; 112:135-151.

Quan S., **Griswold M.,** Iber C., Nieto J., Rapoport D. Redline R. Sanders M. & Young T. *Short-Term Variability of Respiration and Sleep During Unattended Nonlaboratory Polysomnogaphy—The Sleep Health Study*. Sleep 2002; 25:843-9

Submitted:

Griswold M., Zeger S. *On Marginalized Multilevel Models and their Computation.* Under revision for Biometrics. Technical report available on COBRA

McWilliams, R., **Griswold, M.**, Hamosh, A., Beaty, T., Cutting, G., *A Comparison of Pulmonary Outcomes in Cystic Fibrosis Patients With and Without affected Siblings.* Submitted to Journal of the American Medical Association

In Progress:

Scharfstein D., **Griswold M.,** *Sensitivity Analysis in Action: A Case Study of Informative Censoring in a Randomized Trial*

Griswold M., Parmigiani G., Lipscomb J., Potosky A., & Dominici F. *Analyzing Health Care Costs: A Comparison of Statistical Methods Motivated by Medicare Colorectal Cancer Charges.*

Griswold M., Zeger S. *On Mixtures of Random Effects Models.*

Griswold M., Zeger S., & Caffo B. *HMREMs & HMMMMs: Hierarchical Mixtures of Random Effects & Marginalized Multilevel Models.*

Windham B.G., **Griswold M**., Bandeen-Roche K., & Fried L.P. *Pass the Fried Chicken Grandma: Addressing the Controversy in the CVD-Cholesterol Relationship in Older Adults.*

Griswold M., Parmigiani G., Dominici F., & Zeger S., *MSQUARE: Marginal Smooth Quantile Ratio Estimation.*

Fitzgerald, S., **Griswold M.**, Ewart, C., *Relationships between Cardiovascular Risk and Job Stress in Young Working Adults: the Project Heart Studies.*

TEACHING

Advising

      Christopher Simpkins SOM Dept. of Surgery   MPH - 2006
      Gayane Yenokovan   BSPH Dept. of Epi   MHS - 2006

Classroom Instruction

2006   Longitudinal Data Analysis
            The Johns Hopkins University, Bloomberg School of Public Health

2006   Multi-Level Models
            The Johns Hopkins University, Bloomberg School of Public Health

2005   Statistical Reasoning in Public Health I & II
            The Johns Hopkins University, Montgomery County Campus

2004-2005   Summer Institute: Multi-Level Statistical Models
            The Johns Hopkins University, Bloomberg School of Public Health

2004   International Lecturer: Biostatistics I (Inferential Biostatistics)
            American University of Armenia, Master of Public Health Program

2004   Biostatistics Advisor: Master of Public Health Program, Capstone Projects
            The Johns Hopkins University, Bloomberg School of Public Health

2002   International Lecturer: Biostatistics II (Statistical Modeling)
            University of Helsinki, Dept of General Practice & Primary Health Care

ACADEMIC SERVICE

2003-2004   Guidelines for Reproducible Research Committee Representative
2002-2002   Survey Director for Biostatistics Self-Study Graduate Survey
2001-2003   Biostatistics Student-Faculty Representative
1999-2003   Biostatistics Information Technology Committee Representative

PRESENTATIONS

2006   "Issues and Innovations in Adaptive Bayesian Designs"
          JHBC workshop for Stryker Biotech Inc., Providence, RI

2006   "Reproducible Research and Biostatistical Consulting"
          Joint Statistical Meetings invited panel on consulting, Seattle, WA

2006   "GEE, LDA and Clustered Data – A collaborative introduction"
        JHBC workshop for Statistics Collaborative, Washington, DC

2005   "Clinical Biostatistics: Clinical Biostatistical Consultation"
        JHU School of Medicine Department of Surgery Research Retreat, Baltimore, MD

2005   "The chicken came first! Using longitudinal data to address challenging questions"
        NIA: Clinical Research Branch, Longitudinal Studies Section, Baltimore, MD.

2004   "Now what did I do with that data?: Pattern Mixture Models for Missing Data"
        FDA: Meeting on missing data issues in regulatory trials, Rockville, MD

2003   "Buddy, can you Paradigm: On Evidence, Support, and Illumination"
        CMS: Coverage and Analysis Group, Baltimore, MD

2003   "Thinking INSIDE the Box!: George's Iterative Scientific Process."
        NIA: Epidemiology & Biostatistics of Aging Research In Progress

2003   "Clear Cut Logging?: Evaluating Competing Models for Complex Distributions."
        JHBSPH Biostatistics Retreat, St. Michael's, MD

2002   "Pass the Fried Chicken Grandma: Addressing the Controversy in the CVD-
        Cholesterol Relationship in Older Adults",
        NIA Technical Assistance Workshop, Boston, MA.

2000   "Estimation of Medical Costs Attributable to Smoking with Incomplete
        Smoking Information: A Case Study in Multiple Imputation",
        ENAR Annual Meeting, Charlotte, NC.