

CURRICULUM VITAE

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Name: Kenneth Paul Kleinman

Home Address: 480 Middle Street
Amherst, MA 01002 United States

Office Address: Department of Ambulatory Care and
Prevention
HMS/HPHC
133 Brookline Ave., 6th Floor
Boston, MA 02215 United States

Phone: (617) 509-9935

Email: Ken_Kleinman@hms.harvard.edu

Fax: (617) 859-8112

Place of Birth: New York, NY

Education:

1988 B.A. (Sociology/Anthropology), Oberlin College

1994 S.M. (Biostatistics), Harvard School Of Public Health

1996 SC.D. (Biostatistics), Harvard School Of Public Health

Postdoctoral Training:

1996-1997 Post-Doctoral Fellow, Biostatistics, University of
Michigan

Academic Appointments:

1996-1997 Adjunct Assistant Professor of Biostatistics, University of Michigan,
Ann Arbor, MI

2000-2001 Clinical Instructor in Ambulatory Care and Prevention, Harvard
Medical School, Boston, MA

2001-2006 Assistant Professor of Ambulatory Care and Prevention, Harvard
Medical School, Boston, MA

2006- Associate Professor of Ambulatory Care and Prevention, Harvard
Medical School, Boston, MA

Other Professional Positions and Major Visiting Appointments:

1997-2000 Associate Research Scientist, New England Research Institutes,
Watertown, MA

Major Administrative Responsibilities:

2000-2004 Human Subjects Committee, statistical advisor, Harvard Pilgrim Health
Care
2001-2003 Senior Faculty Statistician Search Committee, Department of Ambulatory
Care and Prevention, Harvard Medical School
2005-2006 Faculty Statistician Search Committee, Department of Ambulatory Care
and Prevention, Harvard Medical School
2006- Faculty grants review committee, Department of Ambulatory Care and
Prevention, Harvard Medical School
2007- Clinical and Translational Science Award proposal biostatistics
subcommittee, Harvard University

Major Committee Assignments:

2002- NIH Center for Scientific Review Study Section: Health Services
Organization and Delivery, Ad-Hoc Member, National Institutes of Health.
8 Meetings
2003 3 NIH CSR Special Emphasis Panels, Member, National Institutes of
Health
2003 Institutional Review Board, Statistical Advisor, Boston University
2003-2004 CDC Expert Panel on Evaluating Syndromic Surveillance Systems,
Member
2004- Data Safety Monitoring Board, NIH grant AG014376, Member, Spaulding
Rehabilitation Hospital
2004 NIH Center for Scientific Review Study Section: Biostatistical Methods
and Research Design, Ad-Hoc Member, National Institutes of Health. 1
Meeting
2005 Program Committee, 4th Syndromic Surveillance Conference
2005- Data Safety Monitoring Board, NIH grant AT000309, Member, UMass
Medical Center
2006-2007 American Statistical Association Expert Panel on Evaluating Surveillance,
Member
2006-2007 Program Committee, Society for Industrial and Applied Mathematics, Data
Mining for Pandemic Preparedness 2007, Minneapolis, MN
2006-2007 Program Committee, National Science Foundation 2007 BioSurveillance
Workshop, New Brunswick, NJ
2007 Program Chair, 2007 Conference of the International Society for Disease
Surveillance, Indianapolis, IN
2008 Institute of Medicine Committee: Effectiveness of National Biosurveillance
Systems: BioWatch and the Public Health System

Professional Societies:

1992- International Biometrics Society Member
1992- American Statistical Association, Member

Editorial Boards:

1997- Ad-Hoc Reviewer, Statistics in Medicine
1998- Ad-Hoc Reviewer, Biometrics
1998- Ad-Hoc Reviewer, Journal of the American Statistical Association
2000- Ad-Hoc Reviewer, Journal of Gerontology: Psychological Sciences
2000- Ad-Hoc Reviewer, The American Journal of Psychiatry
2001- Reviewer, Biomed Central Medicine Journals
2004- Ad-Hoc Reviewer, IRB: Ethics and Human Research
2004- Ad-Hoc Reviewer, Epidemiology
2005- Ad-Hoc Reviewer, American Journal of Epidemiology
2006- Ad-Hoc Reviewer, Technometrics
2006- Founding co-Editor-in-Chief, Advances in Disease Surveillance
2007- Ad-Hoc Reviewer, Quality Engineering

Awards and Honors:

1992-1996 Psychiatric Epidemiology Training Grant, Harvard School Of Public Health
1997-1997 Psychiatric Epidemiology Training Grant, U. Of Michigan

B. Research Funding Information

Current

	Source/Title	Role
2005-2008	CDC (CD000260/P01) Public Health Informatics Center of Excellence	Director of Statistical Core
2005-2008	NIH (LM008707/R21) Methods for evaluating bioterrorism surveillance tools	PI
2006-2008	CDC (PH000032/R01) Data Evaluation for Early Disease Outbreak Detection	PI
2006-2011	NIH (GM076672/U01) MIDAS Modeling Health Systems Infectious Disease Data	Co-PI
2005	MRSA ICU Project (Epicenter sub)	Statistician
2004-2008	NIH (NHLBI, NIDDK/R01s) Maternal fatty acids, child obesity and asthma immunity	Statistician/Co- Investigator
2004-2005	CDC (U01) Joint Initiative in Vaccine Economics II	Statistician
2003-2006	NICHD/AHRQ (R01) Communication, Perspectives, & Child Asthma Disparities	Statistician
2003-2006	NIH (NIMH/R01) Predictors of antenatal and postpartum depression	Statistician
2003-2006	NIH Screening and Family History of Colorectal Cancer	Statistician
2003-2005	CDC/Mass. Dept of Public Health Multi-site Surveillance Project	Statistician/Co- Investigator
2002-2005	Robert Wood Johnson Foundation Rewarding Results	Statistician
2002-2005	March of Dimes The effects of racism on pregnancy and birth outcomes	Statistician
2001-2006	NIH (NHLBI/K24) Patient-oriented research in early life origins of CVD	Statistician
2000-2009	CDC Vaccine Safety Datalink	Statistician
2000-2006	CDC (UR8) National bioterrorism syndromic surveillance demonstration program	Statistician
2000-2005	NIH (NHLBI/R01) Nutrition in pregnancy, birth weight, and childhood asthma	Statistician/Co- Investigator
2002-2005	NIH (NIDDK/R01) Race and Long-Term Diabetes Self-Management in an HMO	Statistician/Co- Investigator
1997-2006	CDC (UR8) Healthcare Associated Infections in Populations/National	Main Statistician

Bioterrorism

Research funding information (cont'd)

<u>Past</u>	Source/Title	Role
2003	CDC/Williamson County and Cities Health District Automated Syndromic Surveillance of Office Visits	Statistician
2002-2004	NIA/NIAMSD (R01) Reducing benzodiazepines and hip fracture in the elderly	Statistician
2001-2004	NIH (R01) Race and long-term diabetes self-management	Statistician
2001-2004	AHRQ (U18) The CERTs Prescribing Safety Program	Statistician
2001-2004	AHRQ (U18) A randomized controlled trial to reduce prescribing errors in hypertension	Statistician
1999-2004	NIH (R01) Reducing Antibiotics for Children (REACH)	Statistician
1998-2004	March of Dimes Foundation Societal factors, stress hormones, and preterm birth	Statistician
1998-2004	NIH (NICHD/R01) Effects of prenatal diet on mother and child	Statistician/Co- Investigator
2000-2003	CDC Public Health Preparedness and Response to Bioterrorism Focus Area B2-Surveillance and Epidemiology Capacity	Statistician
1998-2002	NIH (NHLBI/R01) Neighborhood effects in community trials for CVD	Co-Investigator/ Subcontract PI

C. Report of Current Major Funded Research Activities

1. CDC Center of excellence in public health informatics—This is a program project grant which involves two sub-projects. One is located at Harvard Pilgrim Health Care, and the other at Children’s Hospital. The additional goal of the center is to become the home for additional grants and projects related to electronic medical records. Role: Director of the Statistical core, which comprises about .75 FTE faculty statistician effort between DACP and Children’s Hospital.

2. Methods for evaluating surveillance—An NIH-funded R21 to develop metric that can assess the relative value of statistical systems that are employed to detect naturally-occurring or intentionally disseminated disease. Role: Principal Investigator.

3. MIDAS Modeling Health Systems Infectious Disease Data —This is a grant from the NIGMS under the MIDAS program in which we will explore mathematical and statistical modeling issues surrounding the detection of infectious disease and monitoring and describing its spread. Role: Co-Principal Investigator.

C. Report of Current Major Funded Research Activities (cont'd)

4. Methods for Early Disease Outbreak Detection—This is a CDC grant to explore the utility of syndromic surveillance data using both simulation and in application to real data collection and statistical signals. Role: Principal Investigator.

5 Project Viva—A NIH-, CDC-, and Foundation-funded cohort study of pregnant women and their children. The overall goal is to follow over 2000 women through pregnancy, and their children as they age, to examine pre- and peri-natal determinants of maternal, child, and adult health. “Postpartum depression” is a supplement of Project Viva. Role: Statistician and Co-Investigator on several related grants.

D. Report of Teaching

1. Local (Harvard) contributions

a. Course Presentations

2005	Syndromic Surveillance: Why, How, What works. Summer program in Quantitative Sciences, Biostatistics Department, HSPH
2007	Clinical Epidemiology and Public Health (AC511.0) Tutor
2007	Public Health Surveillance (Biostat 287, HSPH)
2007	Clustered data analysis; Harvard/Real Colegio Complutense Summer program for Latin American Scholars

b. Local Invited Presentations

- 2000 Thinking they're normal when they're not: A practical discussion of the normality assumption in multilevel models, Boston Chapter of the American Statistical Association
- 2003 Syndromic surveillance to detect bioterrorism: Mixed models and other approaches, Harvard School of Public Health
- 2004 Evaluating statistical techniques for bioterrorism surveillance, Harvard School of Public Health
- 2006 Spatial surveillance for public health: motivation and challenges, American Statistical Association Philadelphia Chapter.
- 2007 Clusters and GEE and GLMM, oh my: through a dark and creepy forest. Harvard Pediatric Health Services Research Fellowship Seminar
- 2008 Odd risks or risky odds? A discussion of regression for dichotomous outcomes. Harvard Pediatric Health Services Research Fellowship Seminar

e. Advisory and Supervisory Responsibilities in Clinical or Laboratory Setting

- 2002-2005 1 Graduate Students for 20 hrs/year, Committee Member, Harvard School Of Public Health
- 2004- 1 MS Statistician for 200 hrs/year, Supervision and guidance, Harvard Medical School
- 2006- 1 Doctoral Student, Committee Member, Harvard School of Public Health

g. Advisees/Trainees

<u>Training Duration</u>	<u>Name</u>	<u>Current Position</u>
2002-2005	Nancy Lin	Post-doctoral fellow
2006-	Anshu Mohlajee	Doctoral Student

I also serve as an advisor on 2 K awards, and am bid in that role for a third.

2. Regional, national, or international contributions

a. Invited Presentations

Invited Lectures

International

- 1998 Sexual activity predicts higher PSA, European Association of Urology Annual Meeting Barcelona, February 1998
- 2000 Directed Double Data Entry: A probabalistic method for determining which forms to re-enter, Society for Clinical Trials, Toronto, April 2000
- 2003 Surveillance of syndromes: methods of surveillance and intuitive power assessment, International Conference on Health Policy Research, Chicago, October 19, 2003
- 2003 Surveillance of syndromes: methods of surveillance and intuitive power assessment, International Conference on Health Policy Research, Chicago, October 19, 2003
- 2006 Metrics for evaluating surveillance, International Biometric Society, Montreal, QC, Canada, July 17, 2006

National

- 1996 A Bayesian framework for Intent-to-Treat analysis with missing data, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Richmond, VA, March 1996
- 1997 A semi-parametric approach to GLMM, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Memphis, TN, March 1997
- 2000 Non-normal random effects distributions in mixed effects models for longitudinal repeated measures: a simulation study, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Chicago, IL, March 2000
- 2001 Missing Visits and Missing Variables, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Charlotte, NC, March 2001
- 2002 An application of GLMM to bioterrorism surveillance, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Arlington, VA, March 2002

2. Regional, national, or international contributions (National invited lectures, cont'd)

- 2003 Biosurveillance for the early detection of terrorism, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Tampa, FL, March 31, 2003
- 2003 High- and low-powered alternatives for various cluster detection approaches in the context of syndromic surveillance for bioterrorism, Joint Statistical Meetings, San Francisco, CA, August 3, 2004
- 2004 The utility, availability, and use of routine outpatient visits for bioterrorism surveillance, American Academy for the Advancement of Science, Seattle, WA, February 15, 2004
- 2004 Simulating anthrax attacks and evaluating detection techniques, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Pittsburgh, PA, March 30, 2004
- 2005 Adaptations, Extensions, and Practical Use of SMART Score Modeling, Public Health Information Network Conference, Atlanta, GA, May 10, 2005
- 2006 Detecting Simple Simulated Anthrax Attacks: Comparison of Cluster Identification Methods via New Assessment Metrics, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Tampa, FL, March 31, 2006
- 2007 Discovering outbreaks in live spatial surveillance: how do methods differ? 11th Biennial CDC and ASTDR Symposium on Statistical Methods, Atlanta GA, April 18 2007

2. Regional, national, or international contributions (cont'd)

Regional

- 1997 A semi-parametric approach for longitudinal repeated measures, University of Michigan Department of Biostatistics Colloquium Series, February 19, 1997
- 2004 Syndromic surveillance: how, why, what works, Smith College, April 5, 2004
- 2006 GEE and GLMM and Empirical Bayes: oh my, Smith College, May 26, 2006
- 2007 Multiple imputation software for SAS users, New England Statistics Symposium, Storrs CT, April 21, 2007
- 2007 Spatial Surveillance for public health: methods, evaluation, problems, Virginia Bioinformatics Institute at Virginia Tech, November 13, 2007
- 2007 Evaluating spatial surveillance for public health, Institute for Clinical Research and Health Policy Studies, Tufts-New England Medical Center, Boston MA, December 12, 2007

2. Regional, national, or international contributions

Plenary Presentations

International

- 2005 Comparing aberration detection systems: metrics for evaluation through simulation, GEOMED Conference, Cambridge, England September 24, 2005

National

- 2001 Monitoring ambulatory encounters for possible bioterrorism events, National Academy of Sciences Workshop on Statistical Methods for Monitoring the Safety of Health Products, Washington, DC, December 11, 2001
- 2002 Generalized linear mixed models for biological terrorism surveillance, National Academy of Sciences Workshop on the Mathematical Sciences' Role in Homeland Security, Washington, DC, April 26, 2002
- 2002 Generalized linear mixed models to detect unusual incident clusters of disease, National Syndromic Surveillance Conference, New York, NY, September 23, 2002
- 2005 Evaluating surveillance: systems and methods, Riverside County (CA) Department of Public Health Conference on Mathematical Modeling for 21st Century Public Health Practice, Palm Springs, CA, March 9, 2005

Sessions organized

- 2003 Spatial Surveillance for Incident Clusters and Biological Terrorism, Speakers: Peter Rogerson, Martin Kulldorff, Marcello Pagano, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Tampa, FL, March 31, 2003
- 2006 Assessing Spatial Surveillance for Bioterrorism: Simulating Attacks, Speakers: David Buckeridge, James Kaufman, Ken Kleinman, Eastern North American Region of the International Biometric Society (ENAR) Annual meeting, Tampa, FL, March 27, 2006
- 2007 Monte Carlo Hypothesis Testing: 50 years anniversary talks Speakers: Martin Kulldorff, Ivair Silva, Marcelo Costa, Allyson Abrams. Harvard School of Public Health, May 16, 2007

Part III: Bibliography

Original Articles

1. Axelrod L, Camuso J, Williams E, **Kleinman K**, Briones E, Schoenfeld D. Effects of a small quantity of omega-3 fatty acids on cardiovascular risk factors in NIDDM. A randomized, prospective, double-blind, controlled study. *Diabetes Care*. 1994;17(1):37-44.
2. **Kleinman KP**, Ibrahim JG, Laird NM. A Bayesian framework for intent-to-treat analysis with missing data. *Biometrics*. 1998;54(1):265-78.
3. **Kleinman KP**, Ibrahim JG. A semiparametric Bayesian approach to the random effects model. *Biometrics*. 1998;54(3):921-38.
4. **Kleinman KP**, Ibrahim JG. A semi-parametric Bayesian approach to generalized linear mixed models. *Stat Med*. 1998;17(22):2579-96.
5. McNaughton-Collins M, **Kleinman KP**, Barry MJ, Meigs JB, Yurgalevitch SY, MacKinlay JB. Prostate-specific antigen (PSA) levels: effect of sexual activity. *The Prostate Journal*. 1999;2:82-87.
6. **Kleinman KP**, MacKinlay JB. Prostate Cancer: How much do we know and how do we know it? *The Aging Male*. 2000;3:115-123.
7. **Kleinman KP**, Feldman HA, Johannes CB, Derby CA, McKinlay JB. A new surrogate variable for erectile dysfunction status in the Massachusetts male aging study. *J Clin Epidemiol*. 2000;53(1):71-8.
8. Johannes CB, Araujo AB, Feldman HA, Derby CA, **Kleinman KP**, McKinlay JB. Incidence of erectile dysfunction in men 40 to 69 years old: longitudinal results from the Massachusetts male aging study. *J Urol*. 2000;163(2):460-3.
9. Feldman HA, Johannes CB, Derby CA, **Kleinman KP**, Mohr BA, Araujo AB, McKinlay JB. Erectile dysfunction and coronary risk factors: prospective results from the Massachusetts male aging study. *Prev Med*. 2000;30(4):328-38.
10. Aytac IA, Araujo AB, Johannes CB, **Kleinman KP**, McKinlay JB. Socioeconomic factors and incidence of erectile dysfunction: findings of the longitudinal Massachusetts Male Aging Study. *Soc Sci Med*. 2000;51(5):771-8.
11. Jobe JB, Smith DM, Ball K, Tennstedt SL, Marsiske M, Willis SL, Rebok GW, Morris JN, Helmers KF, Leveck MD, **Kleinman K**. Active. A cognitive intervention trial to promote independence in older adults. *Controlled Clinical Trials*. 2001;22:453-79.
12. Lazarus R, **Kleinman KP**, Dashevsky I, DeMaria A, Platt R. Using automated medical records for rapid identification of illness syndromes (syndromic surveillance): the example of lower respiratory infection. *BMC Public Health*. 2001;1(1):9.
13. **Kleinman K**. Adaptive double data entry: a probabilistic tool for choosing which forms to reenter. *Control Clin Trials*. 2001;22(1):2-12.

Original Articles (Cont'd)

14. Marceau L, **Kleinman K**, Goldstein I, McKinlay J. Does bicycling contribute to the risk of erectile dysfunction? Results from the Massachusetts Male Aging Study (MMAS). *Int J Impot Res*. 2001;13(5):298-302.
15. Lazarus R, **Kleinman K**, Dashevsky I, Adams C, Kludt P, DeMaria A, Platt R. Use of automated ambulatory-care encounter records for detection of acute illness clusters, including potential bioterrorism events. *Emerg Infect Dis*. 2002;8(8):753-60.
16. Lieu TA, Finkelstein JA, Adams MM, Miroshnik IL, Lett SM, Palfrey S, Freed GL, **Kleinman K**, Ray GT, Platt R. Pediatricians' views on financial barriers and values for pneumococcal vaccine for children. *Ambul Pediatr*. 2002;2(5):358-66.
17. Platt R, **Kleinman K**, Thompson K, Dokholyan RS, Livingston JM, Bergman A, Mason JH, Horan TC, Gaynes RP, Solomon SL, Sands KE. Using automated health plan data to assess infection risk from coronary artery bypass surgery. *Emerg Infect Dis*. 2002;8(12):1433-41.
18. Soto CM, **Kleinman KP**, Simon SR. Quality and correlates of medical record documentation in the ambulatory care setting. *BMC Health Serv Res*. 2002;2(1):22.
19. Pereira AG, **Kleinman KP**, Pearson SD. Leaving the practice: effects of primary care physician departure on patient care. *Arch Intern Med*. 2003;163(22):2733-6.
20. Friedman JF, Lee GM, **Kleinman KP**, Finkelstein JA. Acute care and antibiotic seeking for upper respiratory tract infections for children in day care: parental knowledge and day care center policies. *Arch Pediatr Adolesc Med*. 2003;157(4):369-74.
21. Platt R, Bocchino C, Caldwell B, Harmon R, **Kleinman K**, Lazarus R, Nelson AF, Nordin JD, Ritzwoller DP. Syndromic surveillance using minimum transfer of identifiable data: the example of the National Bioterrorism Syndromic Surveillance Demonstration Program. *J Urban Health*. 2003;80(S1):i25-31.
22. Oken E, **Kleinman KP**, Rich-Edwards J, Gillman MW. A nearly continuous measure of birth weight for gestational age using a United States national reference. *BMC Pediatr*. 2003;3(1):6.
23. Oken E, **Kleinman KP**, Berland WE, Simon SR, Rich-Edwards JW, Gillman MW. Decline in fish consumption among pregnant women after a national mercury advisory. *Obstet Gynecol*. 2003;102(2):346-51.
24. Kuzujanakis M, **Kleinman K**, Rifas-Shiman S, Finkelstein JA. Correlates of parental antibiotic knowledge, demand, and reported use. *Ambul Pediatr*. 2003;3(4):203-10.
25. Finkelstein JA, Stille C, Nordin J, Davis R, Raebel MA, Roblin D, Go AS, Smith D, Johnson CC, **Kleinman K**, Chan KA, Platt R. Reduction in antibiotic use among US children, 1996-2000. *Pediatrics*. 2003;112(3 Pt 1):620-7.
26. Finkelstein JA, Huang SS, Daniel J, Rifas-Shiman SL, **Kleinman K**, Goldmann D, Pelton SI, DeMaria A, Platt R. Antibiotic-resistant *Streptococcus pneumoniae* in the heptavalent pneumococcal conjugate vaccine era: predictors of carriage in a multicomunity sample. *Pediatrics*. 2003;112(4):862-9.

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27. Weinberg JM, **Kleinman KP**. Good study design and analysis plans as features of ethical research with humans. *IRB: Ethics and Human Research*. 2003;25(5):1-4.
28. Yih WK, Caldwell B, Harmon R, **Kleinman K**, Lazarus R, Nelson A, Nordin J, Rehm B, Richter B, Ritzwoller D, Sherwood E, Platt R. The National Bioterrorism Syndromic Surveillance Demonstration Program. *Morbidity and Mortality Weekly Report*. 2004;53(s):43-46.
29. Smink DS, Finkelstein JA, **Kleinman K**, Fishman SJ. The effect of hospital volume of pediatric appendectomies on the misdiagnosis of appendicitis in children. *Pediatrics*. 2004;113(1 Pt 1):18-23.
30. Huh SY, Rifas-Shiman SL, **Kleinman KP**, Rich-Edwards JW, Lipshultz SE, Gillman MW. Maternal protein intake is not associated with infant blood pressure. *Int J Epidemiol*. 2005 34(2):378-384.
31. Gillman MW, Rich-Edwards JW, Rifas-Shiman SL, Lieberman ES, **Kleinman KP**, Lipshultz SE. Maternal age and other predictors of newborn blood pressure. *J Pediatr*. 2004;144(2):240-245.
32. Prosser LA, Ray GT, O'Brien M, **Kleinman K**, Santoli J, Lieu TA. Preferences and willingness to pay for health States prevented by pneumococcal conjugate vaccine. *Pediatrics*. 2004;113(2):283-90.
33. **Kleinman K**, Lazarus R, Platt R. A generalized linear mixed models approach for detecting incident clusters of disease in small areas, with an application to biological terrorism. *Am J Epidemiol*. 2004;159(3):217-24.
34. **Kleinman K**, Lazarus R, Platt R. Kleinman et Al. Respond to "Surveilling Surveillance". *Am J Epidemiol*. 2004;159(3):228.
35. O'Brien MA, Uyeki TM, Shay DK, Thompson WW, **Kleinman K**, McAdam A, Yu XJ, Platt R, Lieu TA. Incidence of outpatient visits and hospitalizations related to influenza in infants and young children. *Pediatrics*. 2004;113(3 Pt 1):585-93.
36. Moore MM, Rifas-Shiman SL, Rich-Edwards JW, **Kleinman KP**, Camargo CA, Gold DR, Weiss ST, Gillman MW. Perinatal predictors of atopic dermatitis occurring in the first six months of life. *Pediatrics*. 2004;113(3 Pt 1):468-74.
37. Huang SS, Finkelstein JA, Rifas-Shiman SL, **Kleinman K**, Platt R. Community-level predictors of pneumococcal carriage and resistance in young children. *Am J Epidemiol*. 2004;159(7):645-54.
38. Barton MB, Morley DS, Moore S, Allen JD, **Kleinman KP**, Emmons KM, Fletcher SW. Decreasing women's anxieties after abnormal mammograms: a controlled trial. *J Natl Cancer Inst*. 2004;96(7):529-38.
39. Hyde Riley E, Inui TS, **Kleinman K**, Connelly MT. Differential association of modifiable health behaviors with hot flashes in perimenopausal and postmenopausal women. *J Gen Intern Med*. 2004;19(7):740-6.
40. Friedman JF, Lee GM, **Kleinman KP**, Finkelstein JA. Child care center policies and practices for management of ill children. *Ambul Pediatr*. 2004;4(5):455-60.

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41. Gillman MW, Rifas-Shiman SL, **Kleinman KP**, Rich-Edwards JW, Lipshultz SE. Maternal calcium intake and offspring blood pressure. *Circulation*. 2004;110(14):1990-5.
42. Oken E, **Kleinman KP**, Olsen SF, Rich-Edwards JW, Gillman MW. Associations of seafood and elongated n-3 fatty acid intake with fetal growth and length of gestation: results from a US pregnancy cohort. *Am J Epidemiol*. 2004;160(8):774-83.
43. Yih WK, Caldwell B, Harmon R, **Kleinman K**, Lazarus R, Nelson A, Nordin J, Rehm B, Richter B, Ritzwoller D, Sherwood E, Platt R. The National Bioterrorism Syndromic Surveillance Demonstration Program. In: Syndromic Surveillance: Reports from a National Conference, 2003. *Morbidity and Mortality Weekly Report* 2004;53 (suppl):43-46.
44. Celi AC, Rich-Edwards JW, Richardson MK, **Kleinman KP**, Gillman MW. Immigration, race/ethnicity, and social and economic factors as predictors of breastfeeding initiation. *Arch Pediatr Adolesc Med* 2005;159(3):255-60.
45. Smink DS, Fishman SJ, **Kleinman K**, Finklestein JA. Effects of race, insurance status, and hospital volume on perforated appendicitis in children. *Pediatrics* 2005 115(4): 920-925.
46. Rich-Edwards JR, **Kleinman KP**, Strong EF, Oken E, Gillman MW. Preterm delivery in Boston before and after September 11, 2001. *Epidemiology* 2005 16(3):323-327.
47. Simon SR, Majumdar SR, Prosser L, Salem-Schatz S, Warner C, **Kleinman K**, Miroshnik I, Soumerai SB. Group versus individual academic detailing to improve the use of antihypertensive medications in primary care: a cluster-randomized controlled trial. *American Journal of Medicine* 2005 118:521-528.
48. **Kleinman KP**, Abrams AM, Kulldorff M, Platt R. A model-adjusted space-time scan statistic with an application to syndromic surveillance. *Epidemiology and Infection* 2005 119: 409-419.
49. Brownstein J, **Kleinman K**, Mandl K. Identifying pediatric age groups for influenza vaccination using a regional surveillance system. *American Journal of Epidemiology* 2005 162:1-8.
50. Jones RN, Rosenberg AL, Morris JN, Allaire JC, McCoy KJM, Marsiske M, **Kleinman KP**, Rebok GW, Malloy PF. A growth curve model of learning acquisition among cognitively normal older adults. *Experimental Aging Research* 2005 31: 291-312.
51. Rich-Edwards JR, **Kleinman KP**, Michels KB, Stampfer MJ, Manson JE, Rexrode KM, Hibert EN, Willett WC. Longitudinal study of birthweight and adult body mass index in predicting risk of coronary heart disease and stroke in women. *BMJ* 2005 330: 1115-1118.

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52. **Kleinman KP**, Abrams AM, Mandl KD, Platt R. Simulation for assessing statistical methods of bioterrorism surveillance. *Morbidity and Mortality Weekly Report* 2005 54 (supp.):101-108.
53. Ritzwoller DP, **Kleinman K**, Palen TE, Abrams A, Kaferly J, Yih WK, Platt R. Comparison of syndromic surveillance and a sentinel provider system in detecting the 2003 Denver influenza outbreak. *Morbidity and Mortality Weekly Report* 2005 54 (supp.):151-156.
54. Yih WK, Abrams A, Danila RN, Green KL, **Kleinman K**, Kulldorff M, Miller BD, Nordin JD, Platt R. Ambulatory care diagnoses as potential indicators of outbreaks of gastrointestinal illness in Minnesota. *Morbidity and Mortality Weekly Report* 2005 54 (supp.):157-162.
55. Oken E, Wright RO, **Kleinman KP**, Bellinger D, Amarasiriwardena CJ, Hu H, Rich-Edwards JW, Gillman MW. Maternal fish consumption, hair mercury, and infant cognition in a U.S. cohort. *Environmental Health Perspectives* 2005 10:1376-1380.
56. Huh, SY, Rifas-Shiman SL, **Kleinman K**, Rich-Edwards JR, Lipshultz SE, Gillman MW. Maternal protein intake is not associated with infant blood pressure. *International Journal of Epidemiology*, 2005 34:378-384.
57. Nordin JD, Goodman MJ, Kulldorff M, Ritzwoller DP, Abrams AM, **Kleinman K**, Levitt MJ, Donohue J, Platt R. Simulated anthrax attacks and syndromic surveillance. *Emerging Infectious Diseases* 2005; 11:1394-1398.
58. Lin ND, **Kleinman K**, Chan KA, Yu X-J, France EK, Xu S, Wei F, Mullooly J, Santoli J, Lieu TA. Impact of the introduction of pneumococcal conjugate vaccine on immunization coverage among infants. *BMC Pediatrics* 2005, 5:43.
59. Rifas-Shiman SL, Rich-Edwards JW, Scanlon KS, **Kleinman KP**, Gillman MW. Accuracy of Measuring Length in Children Less Than 2 Years of Age. *Medscape General Medicine* 2005; 7(4):55.
60. Adams AS, Zhang F, Mah C, Grant RW, **Kleinman K**, Meigs JB, Ross-Degnan D. Race differences in long-term diabetes management in an HMO. *Diabetes Care* 2005; 28(12):2844-2849.
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