

Penelope S. Pekow, Ph.D.

Department of Biostatistics and Epidemiology
School of Public Health and Health Sciences
715 North Pleasant Street
University of Massachusetts
Amherst, MA 01003
(413) 545-1872
ppekow@schoolph.umass.edu

Institute for Healthcare Delivery and Population Science
Baystate Medical Center
3601 Main St, Third Floor
Springfield, MA 01199
(413) 794-9863
penny.pekow@baystatehealth.org

Education

Ph.D., (Biostatistics), University of North Carolina, Chapel Hill, NC Thesis: A Mixed Model Analysis of Tracking for Inconsistently Timed Longitudinal Data	1991
M.S.P.H., University of North Carolina, Chapel Hill, NC	1982
A.B., Biological Sciences, Brown University, Providence RI	1977

Postdoctoral Training

Teachnology Fellow, University of Massachusetts, Amherst, MA	2000 – 2001
Post-doctoral Research Associate Department of Biostatistics and Epidemiology, University of Massachusetts, Amherst, MA	1991 – 1995
Research Fellow, Department of Biostatistics and Epidemiology, University of Massachusetts, Amherst, MA	1988 – 1991

Academic Appointments

Adjunct Professor, National School of Public Health, Medical University of South Africa (MEDUNSA), Gauteng, South Africa	2000 – 2004
Research Assistant Professor, Department of Public Health, University of Massachusetts, Amherst, MA	1995 – Present

Major Leadership Positions

Director of Biostatistics and Research Support, Institute for Healthcare Delivery and Population Science, Baystate Medical Center, Springfield, MA	2014 – Present
Senior Biostatistician, Center for Quality of Care Research, Baystate Medical Center, Springfield, MA	2009 – 2014
Director, Biostatistics Consulting Center, School of Public Health and Health Sciences, University of Massachusetts. Amherst, MA	2013
Co-Director, Biostatistics Consulting Center, School of Public Health and Health Sciences, University of Massachusetts. Amherst, MA	2003 – 2012
Director, Summer Public Health Intern Program, Baystate Medical Center, Springfield, MA	1996 – 2001

Other Positions and Employment

Health Services Research Biostatistician, Baystate Medical Center, Springfield, MA	1996 – 2009
Graduate Research Assistant, Departments of Biostatistics and Pediatrics, University of North Carolina, Chapel Hill, NC	1986 – 1988
Statistical Consultant, Kitasato University Hospital, Sagamihara, Japan, and Institute for Statistical Mathematics, Tokyo, Japan	1983 – 1984
Statistical Consultant, Biometric Consulting Laboratory, Department of Biostatistics, UNC, Chapel Hill, NC	1982
Summer Research Intern, Family Health Division, Centers for Disease Control, Atlanta, GA	1981
Peace Corps Volunteer, Tonga (South Pacific), Science and Math Teacher in middle school / high school	1977 – 1979

Honors and Awards

Frank Porter Graham Innovative Research Award	1989
---	------

Educational Activities**Teaching Activities in Programs and Courses**

Introduction to Biostatistics On-line, Course Instructor, 40-49 students/year, UMass Online MPH program – web-based distance education version of the introductory biostatistics course for health professionals	2003 – Present
Data Management and Statistical Computing, Course Instructor, 20-36 students/year, Introduction to data management for research studies, graduate course	1992, 1996, 2000 – 2016
Introduction to Biostatistics, Course Instructor, 30-40 students/year, Introductory course required for all Public Health graduate students	1993, 1995, 1996, 1999, 2000, 2002, 2006
Introduction to Biostatistics On-line, Course Instructor for MEDUNSA, Gauteng, South Africa ~75 students/year, Introductory biostatistics course	2000 – 2002
Public Health Capstone, Course Instructor, 20-30 students/semester, Final semester undergraduate course.	2017-2018

Workshops

Data Management for Research Studies	2004
Weeklong workshop at MEDUNSA, Mankweng Hospital, University of the North, Polokane, Limpopo Province, South Africa	
Introduction to Biostatistics and Data Management	2010
Weeklong workshop for nursing and medical faculty, Kabul Medical University, Kabul, Afghanistan	

Research Education – Thesis and Dissertations

Member of Committee, Sarah Goff, Community Health Education, "Organization factors influencing Quality and equity in pediatric primary care: a mixed methods study" (PhD dissertation)	2018
Member of Committee, JoAnna Leyenaar, Clinical and Translational Sciences, Tufts University, "Comparative effectiveness of antibiotic choices in pediatric pneumonia: engaging parents and other stakeholders to improve hospital admission practices" (PhD Dissertation)	2018
Member of Committee, Megan Ward Harvey, Epidemiology, "Gestational Weight Gain and Maternal Health among Hispanic Women" (PhD dissertation)	2016
Member of Committee, Mihaela Stefan, Clinical and Translational Sciences, Tufts University, "Noninvasive Ventilation in Patients with Ashtma and Chronic Obstructive Lung Disease: Outcomes and Trends in Use" (PhD Dissertation)	2015
Chair of Committee, Eric Cohen, Biostatistics, "The effect of a new hospital-based congestive heart failure care protocol on rate of 30-day readmission among CHF patients" (MS Thesis)	2014
Member of Committee, Kathleen Szegda, Epidemiology, "Physical Activity and Depression during Pregnancy among Hispanic Women" (PhD Dissertation)	2014
Member of Committee, Shuli Yu, Biostatistics, "Evaluating Predictors of Individual Dietary Intake Latent Values under Different Mixed Models" (PhD Dissertation)	2014
Member of Committee, Marushka Silveira, Epidemiology, "Psychosocial Factors affecting Pregnant Hispanic Women" (PhD Dissertation)	2014
Member of Committee, Phinnara Has, Epidemiology, "The efficacy of treatment with penicillin versus other antibiotics among patients hospitalized with PSSA" (MS Thesis)	2014
Member of Committee, Jerome C. Clauser, Education, "Examination of the Application of Item Response Theory to the Angoff Standard Setting Procedure" (PhD Dissertation)	2013
Member of Committee, JoAnna Leyenaar, Clinical and Translational Sciences, Tufts University, "Comparative effectiveness of ceftriaxone in combination with a macrolide relative to ceftriaxone alone for pediatric patients hospitalized with community acquired pneumonia" (MS Thesis)	2013
Member of Committee, Nidhin Joseph, Environmental Health, "Malaria-Related Knowledge and Prevention Practices in Mumbai, India" (MS Thesis)	2012
Member of Committee, Julie Mooza, Epidemiology, "Maternal Alcohol Consumption, Smoking and Birth Weight in Infants Born in Veliky, Novgorod, Russia (MPH Project)	2012
Member of Committee, Susan DeJoy, Epidemiology, "Factors Associated with Genital Tract Trauma at Spontaneous Vaginal Delivery (PhD Dissertation)	2011
Member of Committee, Prasad Gawade, Epidemiology, "Maternal and Fetal Factors Associated with Labor and Delivery Complications" (PhD Dissertation)	2011
Member of Committee, Elsin Hagan, Epidemiology, "Vitamin D Levels and Risk of Dyslipidemia among US Children with Diabetes and Obesity" (MS Thesis)	2011
Member of Committee, Sima Blank, Epidemiology, "Education, Occupation, and Migration as Predictors of Multiple Sexual Partnerships among People Tested for HIV in Lüderitz, Namibia" (MS Thesis)	2011
Member of Committee, Nisha Kini, Epidemiology, "The Influence of Acculturation on Stress and Anxiety in Pregnant Hispanic Women" (MPH Project)	2010

Member of Committee, Bo Xu, Biostatistics, "Predictors of Treatment Means for a one Factor Completely Randomized Design" (PhD Dissertation)	2009
Member of Committee, Renee Turzanski Fortner, Epidemiology, "Modifiable Risk Factors for Hypertensive Disorders of Pregnancy in Latina Women" (PhD Dissertation)	2009
Member of Committee, Audra Gollenberg, Epidemiology, "Physical Activity and Maternal/Fetal Outcomes in Pregnant Latina Women" (PhD Dissertation)	2009
Member of Committee, Amy Haskins, Epidemiology, "Smoking during Pregnancy: Patterns of Use and Maternal and Birth Outcomes among Hispanic Women" (PhD Dissertation)	2008
Chair of Committee, Amit Saxena, Epidemiology, "Patient Demographics and Compliance with Colorectal Cancer Screening" (MPH Project)	2007
Chair of Committee, Allison Crawford, Biostatistics, "A Comparison of Risk Estimation Methods for Multi-hospital Data" (MS Thesis)	2006
Member of Committee, Shankha Mukhopadhyay, Epidemiology, "A Prospective Study of Maternal Cigarette Smoking and Preterm Birth and Low Birth Weight among Latina Women" (MS Thesis)	2006
Member of Committee, Elizabeth Parson, Epidemiology, "The Association between Isolation and Rehabilitation Outcomes in and Inpatient Rehabilitation Facility" (MS Thesis)	2005
Chair of Committee, Yan Xu, Biostatistics, "Multiple Imputation of the Survey of The Physical Activity and Risk of Preterm Birth In Pregnant Hispanic Women" (MS Thesis)	2005
Member of Committee, Frederick H. Hooven, Epidemiology, "Patterns of Osteoporosis Management in Older Women" (PhD Dissertation)	2005
Member of Committee, Michael D Schmidt, Epidemiology, "Physical Activity during Pregnancy: Patterns, Measurement, and Association with Health Outcomes" (PhD Dissertation)	2005
Member of Committee, Mary C. Spayne, Epidemiology, "Reproducibility of Breast Density among Community Radiologists" (MPH Project)	2005
Chair of Committee, Kaijun Wang, Biostatistics, "Propensity Score Analysis of Lipid Lowering Therapy in a Large Observational Study" (MS Thesis)	2004
Member of Committee, Kofi Asomaning, Epidemiology, "The Association between Body Mass Index and Osteoporosis in Patients referred for a Bone Mineral Density Exam" (MS Thesis)	2004
Member of Committee, Dheeresh Mamidi, Epidemiology, "Effect of Peri-operative β -blocker Use on In-hospital Mortality among High-risk Patients Undergoing Major Non-cardiac Surgery in Routine Practice" (MPH Project)	2004
Member of Committee, Elizabeth Donohoe Cook, Epidemiology, "Patterns of Care for Women with Uterine Leiomyoma" (PhD Dissertation)	2003
Member of Committee, Yanmei Xu, Biostatistics, "Analysis of Missing Binary Response in Smoking Cessation Study among Childhood Cancer Survivors" (MS Thesis)	2003
Member of Committee, Tabassum Insaf, Epidemiology, "A Prospective Study of Acculturation and Low Birth Weight among Hispanic Women" (MPH Project)	2003
Member of Committee, Seema Kengeri, Epidemiology, "Physical Activity and Risk of Preterm Birth in Pregnant Hispanic Women" (MPH Project)	2003
Member of Committee, Milan C. Mathew, Epidemiology, "The Relationship of Victim, Perpetrator and Abuse Characteristics to the Report of Child Sexual Abuse" (MPH Project)	2003

Member of Committee, Vishnu V.R. Patlolla, Epidemiology, "A Comparison of Ampicillin and Ampicillin-Azithromycin on Time to Delivery in Women with Pre-term Premature Rupture of Membranes (PPROM)" (MPH Project)	2002
Chair of Committee, James Fordyce, Epidemiology, "A Study of Medical Error in an Emergency Department Setting" (MPH Project)	2002
Chair of Committee, Rona Serhan Chehabeddine, Epidemiology, "The Impact of Hospitalists on the Quality of Care for Patients with Congestive Heart Failure" (MPH Project)	2001
Chair of Committee, Lisa D'Amato, Epidemiology, "Comparison of Documentation of Care: Computerized Medical Record vs. Handwritten Documentation" (MPH Project)	2001
Chair of Committee, Yaping Xu, Biostatistics, "Evaluation of Beta-blocker Use in Patients at ICD/Pacer Clinic" (MPH Project)	2000
Chair of Committee, Jokin de Irala, Epidemiology, "Evaluating the Performance of Intensive Care Units Using the Mortality Probability Model: The Problem of Adjusting for Patient Mix" (PhD Dissertation)	2000
Member of Committee, Layla Rouse, Epidemiology, "A Five-year Retrospective Cohort Study of In Vitro Fertilization Status on Levels of Human Chorionic Gonadotropin during Pregnancy" (MPH Project)	2000
Member of Committee, Danielle Gordon, Epidemiology, "Evaluation of an In-patient Asthma Education Program." (MS Thesis)	1999
Member of Committee, Angela Teng, Biostatistics, "Regression to the Mean: Comparing Random and Fixed Effects Models." (MS Thesis)	1999
Member of Committee, Priya Hirway, Epidemiology, "Design and methodological issues in the study of a rare disease: a case-control study of calciphylaxis in chronic dialysis patients" (MS Thesis)	1998
Member of Committee, Sherry H. Weitzen, Biostatistics, "Mortality probability model (MPM II) revisited: validation of the admission and 24 hour model in an original participating ICU, and the development of a model to predict outcome in long stay ICU patients" (MS Thesis)	1998
Member of Committee, Iris I. Amadasun, Epidemiology, "Patterns of care in the management of endometrial hyperplasia" (MS Thesis)	1998
Chair of Committee, Musa Nsereko, Biostatistics, "Use of multiple regression analysis on a dental survey of high school students from a public school in Boston" (MPH Project)	1997
Member of Committee, Yun Liu, Biostatistics, "Estimation of random effects in a mixed model for the cost related to occupational injury" (MS Thesis)	1997
Member of Committee, Gary A. Schneider, Biostatistics, "Multiple event analysis of injuries using adaptations to the Cox proportional hazards model" (MS Thesis)	1997
Member of Committee, Mary-Beth O'Leary, Epidemiology, "Linking inmates to healthcare: a community-based correctional healthcare system" (MPH Project)	1997
Member of Committee, Karin Yeatts, Epidemiology, "The problem with pica, an exploratory analysis of mouthing behavior in children ages 1-7" (MS Thesis)	1994
Member of Committee, Tahmina Rahman, Epidemiology, "A descriptive study of Norplant use among women in Wesson Women's Clinic at Baystate Medical Center" (MPH Project)	1993
Chair of Committee, Shiao-Shyuan Yaun, Biostatistics, "Prediction of length of oxygen use in BPD babies" (MPH Project)	1993
Member of Committee, Mitchell Pysznik, Community Health Education, "A survey of nursing assistants' attitudes and beliefs concerning abusive behavior by elderly residents of long-term care facilities" (MPH Project)	1992

Member of Committee, Melissa L. McCarthy, Epidemiology, "The Relationship between Birth Trauma and Method of Delivery in a Macrosomic Population" (MS Thesis) 1992

Advising and Mentoring

Statistical Mentor on professional development awards:

Tara Lagu, MD, MPH, Baystate Medical Center, NHLBI K01, Identifying clinical and organizational strategies associated with better outcomes for HF patients	2008 – 2014
Mihaela Stefan, MD, Baystate Medical Center, Tufts KL2 and NHLBI K01, Comparative effectiveness of alternative strategies for acute respiratory failure	2010 - 2016
Sarah Goff, MD, Baystate Medical Center, Tufts KM1 and NICHD K23, Hospital complications following childbirth, factors and strategies associated with high quality pediatric care	2011 - 2018
JoAnna Leyenaar, MD, MPH, Tufts KL2, AHRQ K08, Comparative effectiveness of antibiotic choices in pediatric pneumonia, engaging parents and other stakeholders to improve hospital admission practices	2012 - 2018
Quinn Pack, MD, MSc, Baystate Medical Center, Tufts KL2, and NHLBI K23. Cardiac rehabilitation following hospitalization for acute cardiovascular conditions	2013 - present
Elizabeth Schoenfeld, MD, Baystate Medical Center, AHRQ K08. Shared decision making in the ED, Radiologic imaging in nephrolithiasis	2014 - present
William Soares, MD, Baystate Medical Center, NIDA K08, Opioid prescribing practices for acute painful conditions in the Emergency Department	2017 - present

Grants

Current

NHLBI, R01 HL139985 Lagu (PI) Identifying effective strategies used by Medicare Accountable Care Organizations Role: Co-Investigator/Statistician	07/01/2018 - 06/30/2022
NHLBI, R01 HL133046-01A1 Lindenauer (PI) A mixed methods study to analyze the use of pulmonary rehabilitation following hospitalization for COPD, and to identify effective strategies for increasing rates of participation Role: Co-investigator/Statistician	06/01/2017 – 03/31/2021
AHRQ, R01 HS024277 Rothberg (PI) Reducing Antimicrobial Overuse in HCAP Through Personalized Antimicrobial Recommendations The goal of the project is to use retrospective patient health data to identify risk factors for drug-resistant health-care associated pneumonia (HCAP). Role: Statistical Consultant	09/30/2015 – 07/31/2020
NIDDKD R01 DK097011 PI: Chasan-Taber, L Randomized Lifestyle Intervention in Overweight and Obese Pregnant Hispanic Women Role: Co-Investigator/Statistician	2012 – 2018

Completed

NIDDKD R01 DK064902 PI: Chasan-Taber, L Randomized Trial of a Postpartum Diabetes Prevention Program for Hispanic Women Role: Co-Investigator/Statistician	2012 – 2017
NHLBI R18 HL108810 PI: Lindenauer, P. Implementation and Outcomes of Noninvasive Ventilation in COPD Role: Co-Investigator/Statistician	2011 – 2016

ARHQ R18 HS021864 PI: Goff, S Randomized Trial of a Patient Navigator for pregnant women to increase use of quality of care information in selecting a pediatrician for their infant Role: Co-Investigator/Statistician	2012 – 2015
ARHQ R18 HS018645 PI: Lindenauer, P. Contextual Factors Associated with Implementation Effectiveness within a QI Collaborative Role: Co-Investigator/Statistician	2010 – 2013
ARHQ R01 HS018723 PI: Rothberg, M. Quality of Care and Outcomes of Healthcare-Associated Pneumonia Role: Co-Investigator/Statistician	2010 – 2013
NICHD Contract PI: Druschel Fertility Treatment and Child Growth and Development Role: Data Management Consultant	2007 – 2010
NIDDKD R01 DK064902 PI: Chasan-Taber, L. Epidemiology of Stress and GDM among Latina Women Role: Co-Investigator/Statistician	2005 – 2010
California Healthcare Foundation PI: Auerbach, A. Hospital Volume, Processes of Care, and Patient Outcomes Role: Statistical Consultant	2005 – 2007
NIDDKD R01 DK58356 PI: Moran, A. Diabetes Therapy to Improve Body Mass and Clinical Status in CF Subjects with Abnormal Glucose Tolerance Role: Co-Investigator/Statistician/Director of Data Coordinating Center	2001 – 2007
NICHD Contract, PI: Nasca, P. Population-based approaches for examining the effect of infertility treatment on human Development Role: Statistician	2003 – 2005
Proctor and Gamble PI: Gehlbach, S. Underdiagnosis and Undertreatment of Osteoporosis Role: Statistical Consultant	2001 – 2003
Massachusetts Department of Public Health Interface Grant PI: Nasca, P. Asian, Hispanic and Black Births in Massachusetts: Analyses of Perinatal Outcomes by Maternal Ethnicity Role: Co-Investigator/Statistician	1999 – 2003
Harvard Pilgrim Health Care PI: Benjamin, E. Diabetes Self-Management Intervention Trial Role: Co-Investigator/Statistician	1997 – 2000
Greenwall Foundation and Open Society PI: Cohen, L. Termination of Dialysis: The Decision to Die and the Quality of Death Role: Statistician	1995 – 1998
National Athletic Trainers Association PI: O'Connor C. Brachial Plexus Injury (Burners) in Collegiate Football Players - A Prospective Study Role: Co-Investigator/Statistician	1996 – 1997
NHLBI R01- HL48631 PI: Engelman, R. The Influence of CPB Temperature on CABG Morbidity Role: Statistician	1994 – 1997
EPA Superfund Co-PIs: Stanek, E., Calabrese, E. Soil Pica Prevalence Study in Children; Soil Ingestion in Children at Anaconda Role: Data Manager	1994 – 1996

Scholarship

Peer-reviewed publication

1. Hawkins M, Marcus B, **Pekow P**, Rosal MC, Tucker KL, Spencer RMC, Chasan-Taber L., Physical Activity and Sleep Quality and Duration During Pregnancy Among Hispanic Women: Estudio PARTO. Behav Sleep Med. 2018 Sep 25:1-14. doi:10.1080/15402002.2018.1518225. [Epub ahead of print] PubMed PMID: 30252507.

2. Loh KP, Abdallah M, Shieh MS, Stefan MS, **Pekow PS**, Lindenauer PK, Mohile SG, Babu D, Lagu T. Use of Inpatient Palliative Care Services in Patients With Advanced Cancer Receiving Critical Care Therapies. *J Natl Compr Canc Netw*. 2018 Sep;16(9):1055-1064. doi: 10.6004/jnccn.2018.7039. PubMed PMID: 30181417.
3. Stefan MS, Lindenauer PK, Shieh M-S, **Pekow PS**. High Antibiotics Prescribing in Patients Hospitalized with Asthma Exacerbation - but Are Antibiotics Associated with Better Outcomes? *Am J Resp Crit Care Med* 197:A7763 (2018).
4. Pack QR, Priya A, Lagu TC, **Pekow PS**, Schilling JP, Hiser WL, Lindenauer PK. Inpatient Echocardiography Use for Common Cardiovascular Conditions. *Circulation* 137:1745-1747 (2018).
5. Lagu T, **Pekow PS**, Stefan MS, Shieh MS, Pack QR, Kashef MA, Atreya AR, Valania G, Slawsky MT, Lindenauer PK. Derivation and Validation of an In-Hospital Mortality Prediction Model Suitable for Profiling Hospital Performance in Heart Failure. *J Am Heart Assoc* 7:0 (2018).
6. Stefan MS, Priya A, **Pekow PS**, Lagu T, Steingrub JS, Hill NS, Nathanson BH, Lindenauer PK. The comparative effectiveness of noninvasive and invasive ventilation in patients with pneumonia. *J Crit Care* 43:190-6 (2018).
7. Ramdass SK, Brennan MJ, Starr R, Lindenauer PK, Liu X, **Pekow P**, Stefan MS. The Association of Frailty with Discharge Disposition for Hospitalized Community Dwelling Elderly Patients. *J Hosp Med* 13:182-4 (2018).
8. Szegda K, Bertone-Johnson ER, **Pekow P**, Powers S, Markenson G, Dole N, Chasan-Taber L. Physical activity and depressive symptoms during pregnancy among Latina women: a prospective cohort study. *BMC Pregnancy Childbirth*. 2018 Jun20;18(1):252. doi: 10.1186/s12884-018-1839-5. PubMed PMID: 29925325; PubMed Central PMCID: PMC6011358.
9. Haessler S, Lagu T, Lindenauer PK, Skiest DJ, Priya A, **Pekow PS**, Zilberberg MD, Higgins TL, Rothberg MB. Treatment Trends and Outcomes in Healthcare-Associated Pneumonia. *J Hosp Med* 12:886-91 (2017).
10. Leyenaar JK, Shieh MS, Lagu T, **Pekow PS**, Lindenauer PK. Hospital and Community Characteristics Associated with Pediatric Direct Admission to Hospital. *Acad Pediatr pii: S1876-2859 30555-7* (2017). [Epub ahead of print].
11. Pack QR, Priya A, Lagu TC, **Pekow PS**, Rigotti NA, Lindenauer PK. Smoking Cessation Pharmacotherapy Among Smokers Hospitalized for Coronary Heart Disease. *JAMA Intern Med* 177:1525-7(2017).
12. Walkey AJ, Barnato AE, Rinne ST, Cooke CR, Shieh MS, **Pekow PS**, Lindenauer PK. Hospital Variation in Do-Not-Resuscitate Orders and End-of-Life Healthcare Use in the United States. *Ann Am Thorac Soc* 14:1485-9 (2017).
13. Lindenauer PK, Shieh MS, Stefan MS, Fisher KA, Haessler SD, **Pekow PS**, Rothberg MB, Krishnan JA, Walkey AJ. Hospital Procalcitonin Testing and Antibiotic Treatment of Patients Admitted for COPD Exacerbation. *Ann Am Thorac Soc* 14:1779-85 (2017).
14. Fisher KA, Mazor KM, Goff S, Stefan MS, **Pekow PS**, Williams LA, Rastegar V, Rothberg MB, Hill NS, Lindenauer PK. Successful Use of Noninvasive Ventilation in Chronic Obstructive Pulmonary Disease: How Do High-Performing Hospitals Do It? *Ann Am Thorac Soc* (2017). [Epub ahead of print]
15. Goff SL, Mazor KM, Guhn-Knight H, Budway YY, Murphy L, White KO, Lagu T, **Pekow PS**, Priya A, Lindenauer PK. Factors That Matter to Low-Income and Racial/Ethnic Minority Mothers When Choosing a Pediatric Practice: a Mixed Methods Analysis. *J Racial Ethn Health Disparities* 4:1051-60 (2017).

16. Schoenfeld EM, **Pekow PS**, Shieh MS, Scales CD Jr, Lagu T, Lindenauer PK. The Diagnosis and Management of Patients with Renal Colic across a Sample of US Hospitals: High CT Utilization Despite Low Rates of Admission and Inpatient Urologic Intervention. *PLoS One* 12:e0169160 (2017).
17. Loh KP, Kansagra A, Shieh MS, **Pekow P**, Lindenauer P, Stefan M, Lagu T. Predictors of the Use of Specific Critical Care Therapies in Patients With Metastatic Cancer. *J Natl Compr Canc Netw* 15:22-30 (2017).
18. Szegda K, Bertone-Johnson ER, **Pekow P**, Powers S, Markenson G, Dole N, Chasan-Taber L. Depression During Pregnancy and Adverse Birth Outcomes Among Predominantly Puerto Rican Women. *Matern Child Health J* 21:942-52 (2017).
19. Gupta A, Loh KP, Kansagra A, Shieh MS, **Pekow P**, Lindenauer P, Stefan M, Lagu T. Correspondence. *J Natl Compr Canc Netw* 14:li-lvi (2016).
20. Leyenaar JK, Ralston SL, Shieh MS, **Pekow PS**, Mangione-Smith R, Lindenauer PK. Epidemiology of pediatric hospitalizations at general hospitals and freestanding children's hospitals in the United States. *J Hosp Med* 11:743-9 (2016).
21. Lagu T, Zilberberg MD, Tjia J, Shieh MS, Stefan M, **Pekow PS**, Lindenauer PK. Dementia and Outcomes of Mechanical Ventilation. *J Am Geriatr Soc* 64:e63-e66 (2016).
22. Goff SL, Mazor KM, **Pekow PS**, White KO, Priya A, Lagu T, Guhn-Knight H, Murphy L, Youssef Budway Y, Lindenauer PK. Patient Navigators and Parent Use of Quality Data: A Randomized Trial. *Pediatrics* 138. pii: e20161140 (2016).
23. Pack QR, Priya A, Lagu T, **Pekow PS**, Engelman R, Kent DM, Lindenauer PK. Development and Validation of a Predictive Model for Short- and Medium-Term Hospital Readmission Following Heart Valve Surgery. *J Am Heart Assoc* 5. pii: e003544 (2016).
24. Stefan MS, Hill NS, Raghunathan K, Liu X, **Pekow PS**, Memtsoudis SG, Ramachandran SK, Lindenauer PK. Outcomes Associated with Early Postoperative Noninvasive Ventilation in Bariatric Surgical Patients with Sleep Apnea. *J Clin Sleep Med* 12:1507-16 (2016).
25. Lagu T, **Pekow PS**, Shieh MS, Stefan M, Pack QR, Kashef MA, Atreya AR, Valania G, Slawsky MT, Lindenauer PK. Validation and Comparison of Seven Mortality Prediction Models for Hospitalized Patients With Acute Decompensated Heart Failure. *Circ Heart Fail* 9. pii: e002912 (2016).
26. Stefan MS, **Pekow PS**, Shieh MS, Hill NS, Rothberg MB, Fisher KA, Lindenauer PK. Hospital Volume and Outcomes of Noninvasive Ventilation in Patients Hospitalized With an Acute Exacerbation of Chronic Obstructive Pulmonary Disease. *Crit Care Med* 45:20-7 (2017).
27. Chasan-Taber L, Silveira M, Waring ME, **Pekow P**, Braun B, Manson JE, Solomon CG, Markenson G. Gestational Weight Gain, Body Mass Index, and Risk of Hypertensive Disorders of Pregnancy in a Predominantly Puerto Rican Population. *Matern Child Health J* (2016). [Epub ahead of print]
28. Stefan MS, Nathanson BH, Priya A, **Pekow PS**, Lagu T, Steingrub JS, Hill NS, Goldberg RJ, Kent DM, Lindenauer PK. Hospitals' Patterns of Use of Noninvasive Ventilation in Patients With Asthma Exacerbation. *Chest* 149:729-36 (2016).
29. DiNino E, Stefan MS, Priya A, Martin B, **Pekow PS**, Lindenauer PK. The Trajectory of Dyspnea in Hospitalized Patients. *J Pain Symptom Manage* pii: S0885-3924 00613-2 (2015). [Epub ahead of print]
30. Frisard C, Gu X, Whitcomb B, Ma Y, **Pekow P**, Zorn M, Sepavich D, Balasubramanian R. Marginal structural models for the estimation of the risk of Diabetes Mellitus in the presence of elevated depressive symptoms and antidepressant medication use in the Women's Health Initiative observational and clinical trial cohorts. *BMC Endocr Disord* 15:56 (2015).

31. Whitcomb WF, Lagu T, Krushell RJ, Lehman AP, Greenbaum J, McGirr J, **Pekow PS**, Calcasola S, Benjamin E, Mayforth J, Lindenauer PK. Experience with Designing and Implementing a Bundled Payment Program for Total Hip Replacement. *Jt Comm J Qual Patient Saf* 41:406-13 (2015).
32. Silveira ML, Whitcomb BW, **Pekow P**, Carbone ET, Chasan-Taber L. Anxiety, depression, and oral health among US pregnant women: 2010 Behavioral Risk Factor Surveillance System. *J Public Health Dent* (2015). [Epub ahead of print]
33. Stefan MS, Au DH, Mularski RA, Krishnan JA, Naureckas ET, Carson SS, Godwin P, Priya A, **Pekow PS**, Lindenauer PK. Hospitalist attitudes toward the assessment and management of dyspnea in patients with acute cardiopulmonary diseases. *J Hosp Med* 10:724-30 (2015).
34. Chasan-Taber L, Marcus BH, Rosal MC, Tucker KL, Hartman SJ, **Pekow P**, Stanek E 3rd, Braun B, Solomon CG, Manson JE, Goff SL, Markenson G. Proyecto Mamá: a lifestyle intervention in overweight and obese Hispanic women: a randomized controlled trial - study protocol. *BMC Pregnancy Childbirth* 15:157 (2015).
35. Goff SL, Lagu T, **Pekow PS**, Hannon NS, Hinchey KL, Jackowitz TA, Tolosky PJ, Lindenauer PK. A qualitative analysis of hospital leaders' opinions about publicly reported measures of health care quality. *Jt Comm J Qual Patient Saf* 41:169-76 (2015).
36. Leyenaar JK, Shieh MS, Lagu T, **Pekow PS**, Lindenauer PK. Direct admission to hospitals among children in the United States. *JAMA Pediatr* 169:500-2 (2015).
37. Lindenauer PK, Stefan MS, Shieh MS, **Pekow PS**, Rothberg MB, Hill NS. Hospital patterns of mechanical ventilation for patients with exacerbations of COPD. *Ann Am Thorac Soc* 12:402-9 (2015).
38. Rothberg MB, Zilberberg MD, **Pekow PS**, Priya A, Haessler S, Belforti R, Skiest D, Lagu T, Higgins TL, Lindenauer PK. Association of guideline-based antimicrobial therapy and outcomes in healthcare-associated pneumonia. *J Antimicrob Chemother* 70:1573-9 (2015).
39. Lindenauer PK, Stefan MS, Shieh MS, **Pekow PS**, Rothberg MB, Hill NS. Outcomes associated with invasive and noninvasive ventilation among patients hospitalized with exacerbations of chronic obstructive pulmonary disease. *JAMA Intern Med* 174:1982-93 (2014).
40. Lindenauer PK, Lagu T, Ross JS, **Pekow PS**, Shatz A, Hannon N, Rothberg MB, Benjamin EM. Attitudes of hospital leaders toward publicly reported measures of health care quality. *JAMA Intern Med* 174:1904-11 (2014).
41. Lindenauer PK, Shieh MS, **Pekow PS**, Stefan MS. Use and outcomes associated with long-acting bronchodilators among patients hospitalized for chronic obstructive pulmonary disease. *Ann Am Thorac Soc* 11:1186-94 (2014).
42. Dhawan G, Joseph N, **Pekow PS**, Rogers CA, Poudel KC, Bulzacchelli MT. Malaria-related knowledge and prevention practices in four neighbourhoods in and around Mumbai, India: a cross-sectional study. *Malar J* 13:303 (2014).
43. Leyenaar JK, Shieh MS, Lagu T, **Pekow PS**, Lindenauer PK. Variation and outcomes associated with direct hospital admission among children with pneumonia in the United States. *JAMA Pediatr* 168:829-36 (2014).
44. Leyenaar JK, Lagu T, Shieh MS, **Pekow PS**, Lindenauer PK. Variation in resource utilization for the management of uncomplicated community-acquired pneumonia across community and children's hospitals. *J Pediatr* 165:585-91 (2014).
45. DeJoy S, **Pekow P**, Bertone-Johnson E, Chasan-Taber L. Validation of a certified nurse-midwifery database for use in quality monitoring and outcomes research. *J Midwifery Womens Health* 59:438-46 (2014).

46. Stefan MS, Shieh MS, **Pekow PS**, Hill N, Rothberg MB, Lindenauer PK. Trends in mechanical ventilation among patients hospitalized with acute exacerbations of COPD in the United States, 2001 to 2011. *Chest* 147:959-68 (2015).
47. Chasan-Taber L, Silveira M, **Pekow P**, Braun B, Manson JE, Solomon CG, Markenson G. Physical activity, sedentary behavior and risk of hypertensive disorders of pregnancy in Hispanic women. *Hypertens Pregnancy* 34:1-16 (2015).
48. Ertel KA, Silveira ML, **Pekow PS**, Dole N, Markenson G, Chasan-Taber L. Prepregnancy body mass index, gestational weight gain, and elevated depressive symptoms in a Hispanic cohort. *Health Psychol* 34:274-8 (2015).
49. Silveira ML, Whitcomb BW, **Pekow P**, Braun B, Markenson G, Dole N, Manson JE, Solomon CG, Carbone ET, Chasan-Taber L. Perceived psychosocial stress and glucose intolerance among pregnant Hispanic women. *Diabetes Metab* 40:466-75 (2014).
50. Moore Simas TA, Szegda KL, Liao X, **Pekow P**, Markenson G, Chasan-Taber L. Cigarette smoking and gestational diabetes mellitus in Hispanic woman. *Diabetes Res Clin Pract* 105:126-34 (2014).
51. Lagu T, Zilberberg MD, Tjia J, **Pekow PS**, Lindenauer PK. Use of mechanical ventilation by patients with and without dementia, 2001 through 2011. *JAMA Intern Med* 174:999-1001 (2014).
52. Leyenaar JK, Lagu T, Shieh MS, **Pekow PS**, Lindenauer PK. Management and outcomes of pneumonia among children with complex chronic conditions. *Pediatr Infect Dis J* 33:907-11 (2014).
53. Rothberg MB, **Pekow PS**, Priya A, Lindenauer PK. Variation in diagnostic coding of patients with pneumonia and its association with hospital risk-standardized mortality rates: a cross-sectional analysis. *Ann Intern Med* 160:380-8 (2014).
54. Chasan-Taber L, Marcus BH, Rosal MC, Tucker KL, Hartman SJ, **Pekow P**, Braun B, Moore Simas TA, Solomon CG, Manson JE, Markenson G. Estudio Parto: postpartum diabetes prevention program for hispanic women with abnormal glucose tolerance in pregnancy: a randomised controlled trial - study protocol. *BMC Pregnancy Childbirth* 14:100 (2014).
55. Rothberg MB, **Pekow PS**, Priya A, Zilberberg MD, Belforti R, Skiest D, Lagu T, Higgins TL, Lindenauer PK. Using highly detailed administrative data to predict pneumonia mortality. *PLoS One* 9:e87382 (2014).
56. Lindenauer PK, Stefan MS, Johnson KG, Priya A, **Pekow PS**, Rothberg MB. Prevalence, treatment, and outcomes associated with OSA among patients hospitalized with pneumonia. *Chest* 145:1032-8 (2014).
57. Chasan-Taber L, Silveira M, Lynch KE, **Pekow P**, Braun B, Manson JE, Solomon CG, Markenson G. Physical activity before and during pregnancy and risk of abnormal glucose tolerance among Hispanic women. *Diabetes Metab* 40:67-75 (2014).
58. Leyenaar JK, Shieh MS, Lagu T, **Pekow PS**, Lindenauer PK. Comparative effectiveness of ceftriaxone in combination with a macrolide compared with ceftriaxone alone for pediatric patients hospitalized with community-acquired pneumonia. *Pediatr Infect Dis J* 33:387-92 (2014).
59. Ertel KA, Silveira M, **Pekow P**, Braun B, Manson JE, Solomon CG, Markenson G, Chasan-Taber L. Prenatal depressive symptoms and abnormalities of glucose tolerance during pregnancy among Hispanic women. *Arch Womens Ment Health* 17:65-72 (2014).
60. Hawkins M, **Pekow P**, Chasan-Taber L. Physical activity, sedentary behavior, and C-reactive protein in pregnancy. *Med Sci Sports Exerc* 46:284-92 (2014).
61. Chasan-Taber L, Silveira M, Lynch KE, **Pekow P**, Solomon CG, Markenson G. Physical activity and gestational weight gain in Hispanic women. *Obesity (Silver Spring)* 22:909-18 (2014).

62. Goff SL, **Pekow PS**, White KO, Lagu T, Mazor KM, Lindenauer PK. IDEAS for a healthy baby - reducing disparities in use of publicly reported quality data: study protocol for a randomized controlled trial. *Trials* 14:244 (2013).
63. Goff SL, **Pekow PS**, Avrunin J, Lagu T, Markenson G, Lindenauer PK. Patterns of obstetric infection rates in a large sample of US hospitals. *American Journal Of Obstetrics and Gynecology* 208:456e1-13 (2013).
64. Auerbach AD, Vittinghoff E, Maselli J, **Pekow PS**, Young JQ, Lindenauer PK. Perioperative use of selective serotonin reuptake inhibitors and risks for adverse outcomes of surgery. *JAMA Intern Med* 173:1075-81 (2013).
65. Gawade PL, Whitcomb BW, Chasan-Taber L, **Pekow PS**, Ronnenberg AG, Shah B, Plevyak MP, Markenson GR. Second stage of labor and intraventricular hemorrhage in early preterm infants in the vertex presentation. *J Matern Fetal Neonatal Med* 26:1292-8 (2013).
66. Rothberg MB, Herzig SJ, **Pekow PS**, Avrunin J, Lagu T, Lindenauer PK. Association between sedating medications and delirium in older inpatients. *Journal of the American Geriatrics Society* 61:923-30 (2013).
67. Lagu T, Hannon NS, Roghberg MB, Wells AS, Green KL, Windom MO, Dempsey KR, **Pekow PS**, Avrunin JS, Chen A, Lindenauer PK. Access to subspecialty care for patients with mobility impairment. *Annals of Internal Medicine* 158:441-6 (2013).
68. Stefan MS, **Pekow PS**, Nsa W, Priya A, Miller LE, Bratzler DW, Rothberg MB, Goldberg RJ, Baus K, Lindenauer PK. Hospital performance measures and 30-day readmission rates. *J Gen Intern Med* 28:377-85 (2013).
69. Stefan MS, Sheih MS, **Pekow PS**, Rothberg MB, Steingrub JS, Lagu T, Lindenauer PK. Epidemiology and outcomes of acute respiratory failure in the United States, 2001 to 2009: a national survey. *Journal of Hospital Medicine* 8:76-82 (2013).
70. Lindenauer PK, Lagu T, Rothberg MB, Avrunin J, **Pekow PS**, Wang YF, Krumholz HJ. Income Inequality and 30 day outcomes after acute myocardial infarction, heart failure, and pneumonia: retrospective cohort study. *British Medical Journal* 346:f521 (2013).
71. Goff SL, **Pekow PS**, Markenson G, Knee A, Chasan-Taber L, Lindenauer P. Validity of using ICD-9-CM codes to identify selected categories of Obstetric complications, procedures and co-morbidities. *Paediatric and Perinatal Epidemiology* 26:421-9 (2012).
72. Lynch KE, Landsbaugh JR, Whitcomb BW, **Pekow P**, Markenson G, Chasan-Taber L. Physical activity of pregnant Hispanic women. *Am J Prev Med* 43:434-9 (2012).
73. Stefan MS, Rothberg MB, Priya A, **Pekow PS**, Au DH, Lindenauer PK. Association between β -blocker therapy and outcomes in patients hospitalised with acute exacerbations of chronic obstructive lung disease with underlying ischaemic heart disease, heart failure or hypertension. *Thorax* 67:977-84 (2012).
74. Lagu T, Rothberg MB, Shieh MS, **Pekow PS**, Steingrub JS, Lindenauer PK. What is the best method for estimating the burden of severe sepsis in the United States? *J Crit Care* 27:414-9 (2012).
75. Stefan MS, Rothberg MB, Shieh MS, Pekow PS, Lindenauer PK. Association between Antibiotic Treatment and Outcomes in Patients Hospitalized with Acute Exacerbation of COPD Treated with Systemic Steroids. *Chest* 143:82-90 (2012).
76. Lindenauer PK, Lagu T, Shieh MS, **Pekow PS**, Rothberg MB. Association of Diagnostic Coding With Trends in Hospitalizations and Mortality of Patients With Pneumonia, 2003-2009, *JAMA* 307:1405-13 (2012).

77. Lagu T, Rothberg MB, Shieh MS, **Pekow PS**, Steingrub JS, Lindenauer PK. Hospitalizations, costs, and outcomes of severe sepsis in the United States 2003 to 2007. *Crit Care Med* 40:754-61 (2012).
78. Rothberg MB, Bigelow C, **Pekow PS**, Lindenauer PK. Association between Statins Given in Hospital and Mortality in Pneumonia Patients, *J Gen Intern Med* 27:280-6 (2011).
79. Lagu T, Lindenauer PK, Rothberg MB, Nathanson BH, **Pekow PS**, Higgins, TL. Development and validation of a model that uses enhanced administrative data to predict mortality in patients with sepsis, *Crit Care Med* 39:2425-30 (2011).
80. Lynch CD, Buck Louis GM, Lahti MC, **Pekow PS**, Nasca PC, Cohen B. The Birth Certificate as an Efficient Means of Identifying Children Conceived With the Help of Infertility Treatment. *Am J Epidemiol* 174:211-8 (2011).
81. Insaf TZ, Fortner RT, **Pekow P**, Dole N, Markenson G, Chasan-Taber L. Prenatal Stress, Anxiety, and Depressive Symptoms as Predictors of Intention to Breastfeed Among Hispanic Women. *J Womens Health* 20:1183-92 (2011).
82. Fang MC, Maselli J, Lurie JD, Lindenauer PK, **Pekow PS**, Auerbach AD. Use and outcomes of venous thromboembolism prophylaxis after spinal fusion surgery. *J Thromb Haemost* 9:1318-25 (2011).
83. Gawade P, Markenson G, Bsai F, Healy A, **Pekow P**, Plevyak M. Association of gestational weight gain with cesarean delivery rate after labor induction. *J Reprod Med* 56:95-102 (2011).
84. Rothberg MB, Lindenauer PK, Lahti M, **Pekow PS**, Selker HP. Risk factor model to predict venous thromboembolism in hospitalized medical patients. *J Hosp Med* 6:202-9 (2011).
85. Lagu T, Rothberg MB, Nathanson BH, **Pekow PS**, Steingrub JS, Lindenauer PK. The relationship between hospital spending and mortality in patients with sepsis. *Arch Intern Med* 171:292-9 (2011).
86. Gollenberg AL, **Pekow P**, Bertone-Johnson ER, Freedson PS, Markenson G, Chasan-Taber L. Physical Activity and Risk of Small-for-Gestational-Age Birth Among Predominantly Puerto Rican Women, *Matern Child Health J* 15:49-59 (2011).
87. Rothberg MB, Lahti M, **Pekow PS**, Lindenauer PK. Venous Thromboembolism prophylaxis among medical patients at US hospitals. *J Gen Int Med* 25:489-94 (2010).
88. Auerbach AD, Hilton JF, Maselli J, **Pekow PS**, Rothberg MB, Lindenauer PK. Case volume, quality of care and care efficiency in coronary artery bypass surgery. *Arch Intern Med* 170:1202-08 (2010).
89. Bozic KJ, Maselli J, **Pekow PS**, Lindenauer PK, Vail TP, Auerbach AD. The influence of procedure volumes and standardization of care on quality and efficiency in total joint replacement surgery. *J Bone Joint Surg Am* 92:2643-52 (2010).
90. Haskins A, Bertone-Johnson E, **Pekow P**, Carbone E, Chasan-Taber L. Correlates of smoking cessation at pregnancy onset among Hispanic women in Massachusetts. *Am J Health Promot* 25:100-8 (2010).
91. Haskins AE, Bertone-Johnson ER, **Pekow P**, Carbone E, Fortner RT, Chasan-Taber L. Smoking during pregnancy and risk of abnormal glucose tolerance: a prospective cohort study. *BMC Pregnancy Childbirth* 10:55 (2010).
92. Bozic KJ, Vail TP, **Pekow PS**, Maselli JH, Lindenauer PK. Dose aspirin have a role in venous thromboembolism prophylaxis in total knee arthroplasty patients? *J Arthroplasty* 25:1053-60 (2010).
93. Auerbach AD, Maselli J, Carter J, **Pekow PS**, Lindenauer PK. The relationship between case volume, care quality, and outcomes of complex cancer surgery. *J Am Coll Surg* 211:601-8 (2010).
94. Fortner RT, **Pekow P**, Dole N, Markenson G, Chasan-Taber L. Risk Factors for Prenatal Depressive Symptoms Among Hispanic Women. *Matern Child Health J* 15:1287-95 (2010).

95. Fortner RT, **Pekow PS**, Whitcomb BW, Sievert LL, Markenson G, Chasan-Taber L. Physical Activity and Hypertensive Disorders of Pregnancy Among Hispanic Women. *Med Sci Sports Exerc* 43:639-46 (2010).
96. Lindenauer PK, **Pekow PS**, Lahti MC, Lee Y, Benjamin EM, Rothberg MB. Association of corticosteroid dose and route of administration with risk of treatment failure in acute exacerbation of chronic obstructive pulmonary disease. *JAMA* 303:2359-67 (2010).
97. Rothberg MB, **Pekow PS**, Lahti M, Brody O, Skiest DJ, Lindenauer PK. Antibiotic therapy and treatment failure in patients hospitalized for acute exacerbations of chronic obstructive pulmonary disease. *JAMA* 303:2035-42 (2010).
98. Rothberg MB, **Pekow PS**, Lahti M, Brody O, Skiest DJ, Lindenauer PK. Comparative Effectiveness of macrolides and quinolones for patients hospitalized with acute exacerbations of chronic obstructive pulmonary disease (AECOPD). *J Hosp Med* 5:261-7 (2010).
99. Lindenauer PK, Rothberg MB, Nathanson BH, **Pekow PS**, Steingrub JS. Activated protein C and hospital mortality in septic shock: a propensity-matched analysis. *Crit Care Med* 38:1101-7 (2010).
100. Gollenberg AL, **Pekow P**, Bertone-Johnson ER, Freedson PS, Markenson G, Chasan-Taber L. Sedentary behaviors and abnormal glucose tolerance among pregnant Latina women. *Med Sci Sports Exerc* 42:1079-85 (2010).
101. Jennings LA, Auerbach AD, Maselli J, **Pekow PS**, Lindenauer PK, Lee SJ. Missed opportunities for osteoporosis treatment in patients hospitalized for hip fracture, *J Amer Ger Soc* 58:650-7 (2010).
102. Belforti RK, Wall MS, Lindenauer PK, **Pekow PS**, Rothberg MB. International outsourcing of medical research by high-income countries: changes from 1995-2005, *J Inv Med* 58:287-94 (2010).
103. Gawade P, **Pekow P**, Markenson G, Plevyak M, Goh W, Chasan-Taber L., Physical activity before and during pregnancy and duration of second stage of labor among Hispanic women. *J Reprod Med* 54:429-35 (2009).
104. Blank FSJ, Miller M, Nicholas J, Smithline H, Crabb G, **Pekow P**. Blood glucose measurement in patients with suspected diabetic ketoacidosis: a comparison of Abbott Medisense PCX point-of-care meter values to reference laboratory values, *J Emerg Nurs* 35:93-6 (2009).
105. Moran A, **Pekow P**, Grover P, Zorn M, Slovis B, Pilewski J, Tullis E, Liou TG, Allen H; Cystic Fibrosis Related Diabetes Therapy Study Group. Insulin therapy to improve BMI in cystic fibrosis-related diabetes without fasting hyperglycemia: results of the cystic fibrosis related diabetes therapy trial. *Diabetes Care* 32:1783-8 (2009).
106. Rothberg MB, Morsi E, Benjamin EM, **Pekow PS**, Lindenauer PK. MARKETWATCH Choosing the best hospital: the limitations of public quality reporting, *Health Affairs* 27:1680-7 (2009).
107. Auerbach AD, Hilton JF, Maselli J, **Pekow PS**, Rothberg MB, Lindenauer PK. Shop for quality or volume? Volume, quality and outcomes of coronary artery bypass surgery, *Ann Intern Med* 150:696-704 (2009).
108. Rothberg MB, Kehow ED, Courtemanche AL, Kenosi T, **Pekow PS**, Brennan MJ, Mulhern JG, Braden GL. Recognition and management of chronic kidney disease in an elderly ambulatory population, *J Gen Intern Med* 23:1125-30 (2008).
109. Chasan-Taber L, Schmidt MD, **Pekow P**, Sternfeld B, Manson JE, Solomon CG, Braun B, Markenson G. Physical activity and gestational diabetes mellitus among Hispanic women. *J Womens Health* 17:999-1008 (2008).

110. Gollenberg A, **Pekow P**, Markenson G, Tucker KL, Chasan-Taber L. Dietary behaviors, physical activity, and cigarette smoking among pregnant Puerto Rican women. *Am J Clin Nutr* 87:1844-51 (2008).
111. Haskins A, Mukhopadhyay S, **Pekow P**, Markenson G, Bertone-Johnson E, Carbone E, Fortner RT, Chasan-Taber L. Smoking and risk of preterm birth among predominantly Puerto Rican women. *Ann Epidemiol* 18:440-6 (2008).
112. Rosal MC, Benjamin EM, **Pekow PS**, Lemon SC, von Goeler D. Opportunities and challenges for diabetes prevention at two community health centers *Diabetes Care* 31:247-54 (2008).
113. Lindenauer PK, Rothberg MB, **Pekow PS**, Kenwood C, Benjamin EM, Auerbach AD. Outcomes of care by hospitalists, general internists, and family physicians. *N Engl J Med* 357:2589-600 (2007).
114. Heelon M, Skiest D, Terso G, Meade L, Weeks J, **Pekow P**, Rothberg M. Effect of a clinical pharmacist's interventions on duration of antiretroviral-related errors in hospitalized patients, *Amer J Hlth-Syst Pharm* 64:2064-8 (2007).
115. Chasan-Taber L, Schmidt MD, **Pekow P**, Sternfeld B, Solomon CG, Markenson G. Predictors of excessive and inadequate gestational weight gain in Hispanic women. *Obesity* 16:1657-66 (2007).
116. Chasan-Taber L, Schmidt MD, **Pekow P**, Sternfeld B, Manson J, Markenson G. Correlates of physical activity in pregnancy among Latina women *Maternal Child Health J* 11:353-63 (2007).
117. Asomaning K, Bertone-Johnson ER, Nasca PC, Hooven F, **Pekow PS**. The Association between Body Mass Index and Osteoporosis in Patients Referred for a Bone Mineral Density Examination, *Journal of Women's Health* 15:1028-34 (2006).
118. Graves BW, DeJoy SA, Heath A, **Pekow P**, Body Mass Index, Delivery Route and Induction of Labor in a Midwifery Caseload, *Journal of Midwifery and Women's Health* 51:254-9 (2006).
119. Schmidt M, **Pekow P**, Freedson PS, Markenson G, Chasan-Taber L. Physical Activity Patterns during Pregnancy in a Diverse Population of Women, *Journal of Women's Health* 15:909-18 (2006).
120. Lindenauer PK, Ling D, **Pekow PS**, Crawford A, Naglieri-Prescod D, Hoople N, Fitzgerald J, Benjamin EM. Physician Characteristics, Attitudes and Use of Computerized Order Entry. *Journal of Hospital Medicine* 1:221-30 (2006).
121. Lindenauer PK, **Pekow P**, Gao S, Crawford AS, Gutierrez B, Benjamin EM. Quality of Care for Patients Hospitalized for Acute Exacerbations of Chronic Obstructive Pulmonary Disease, *Annals of Internal Medicine* 144:894-903 (2006).
122. Schmidt M, Freedson PS, **Pekow P**, Roberts D, Sternfeld B, Chasan-Taber L. Validation of the Kaiser Physical Activity Survey in Pregnant Women, *Medicine & Science in Sports & Exercise* 38:42-50 (2006).
123. Lindenauer PK, **Pekow P**, Wang K, Mamidi DK, Gutierrez B, Benjamin EM. Perioperative Beta Blocker Therapy and Mortality Following Major Noncardiac Surgery, *New England Journal of Medicine* 353:349-61 (2005).
124. Hooven F, Gehlbach S, **Pekow P**, Bertone E, Benjamin E, Follow-up Treatment for Osteoporosis after Fracture, *Osteoporosis International* 16:296-301 (2005).
125. Lindenauer PK, Mathew M, Ntuli TS, **Pekow P**, Fitzgerald J, Benjamin EM. Use of Antihypertensive Agents in the Management of Patients with Acute Ischemic Stroke. *Neurology* 63:318-23 (2004).
126. Lindenauer PK, **Pekow P**, Wang K, Gutierrez B, Benjamin EM. Lipid-Lowering Therapy and In-Hospital Mortality Following Major Noncardiac Surgery". *JAMA* 291:2092-99 (2004).

127. Fordyce J, Blank D, **Pekow P**, Smithline H, Ritter G, Gelbach S, Benjamin E, Henneman P, Errors in a busy Emergency Department. *Annals of Emergency Medicine* 42:3 324-33 (2003).
128. Lindenauer PK, Benjamin EM, Fitzgerald J, **Pekow PS**, Naglieri-Prescod D, The Role of the Institutional Review Board in Quality Improvement: A survey of Quality Officers, IRB Chairs and Journal Editors *American Journal of Medicine* 113:575-9 (2003).
129. Lindenauer PK, Chehabeddine RS, **Pekow PS**, Fitzgerald J, Benjamin EM. The Impact of Hospitalists on the Quality of Care of Patients with Congestive Heart Failure. *Archives of Internal Medicine* 162:1251-6 (2002).
130. Cohen LM, Dobscha SK, Hails MC, **Pekow PS**, Chochinov HM, Depression and suicidal ideation in patients who discontinue the life-support treatment of dialysis. *Psychosomatic Medicine* 64:889-96 (2002).
131. Cohen LM, Germain MJ, Poppel DM, Woods AL, **Pekow PS**, Kjellstrand CM Dying well after discontinuing the life support treatment of dialysis. *Archives of Internal Medicine* 160:2513-8 (2000).
132. Engelman RM, Pleet AB, Hicks R, Rousou JA, Flack JE,III, Deaton DW, **Pekow PS**, Gregory CA Is there a relationship between systemic perfusion temperature during coronary artery bypass grafting and extent of intra-operative ischemic CNS injury? *Journal of Thoracic and Cardiovascular Surgery* 19:230-2 (2000).
133. Woods A, Berzoff J, Cohen LM, Cait CA, **Pekow P**, Germain M, Poppel D. The family perspective of end-of-life care in end-stage renal disease: The role of the social worker. *J Nephrol Social Work* 19:9-21 (1999).
134. Engelman RM, Pleet AB, Rousou JA, Flack JE,III, Deaton DW, **Pekow PS**, Gregory, CA. Influence of cardiopulmonary bypass perfusion temperature on neurologic and hematologic function after coronary artery bypass grafting. *Ann Thorac Surg* 67:1547-55 (1999).
135. Stanek EJ, Calabrese EJ, Mundt K, **Pekow P**, Yeatts K, Prevalence of Soil Mouthing/Ingestion Among Healthy Children 1-6. *Journal of Soil Contamination* 7:227-42 (1998).
136. Calabrese EJ, Stanek EJ, **Pekow PS**, and Barnes R, Soil Ingestion Estimates for Children Residing on a Superfund Site. *Ecotoxicology and Environmental Safety* 36:258-68 (1997).
137. Stanek EJ, Calabrese EJ, Barnes R, and **Pekow PS**. Soil Ingestion in Adults--Results of a Second Pilot Study. *Ecotoxicology and Environmental Safety* 36:249-57 (1997).
138. Bur M, Knowles K, **Pekow P**, Corral O, and Donovan J, Comparison of ThinPrep Preparations with Conventional Cervicovaginal Smears - Practical Considerations. *Acta Cytologica*; 39:631-42 (1995).
139. Engelman RM, Pleet BA, Rousou JA, Flack JE, Deaton DW, Kulshrestha P, Gregory CA, **Pekow PS**, Does cardiopulmonary bypass temperature correlate with postoperative CNS dysfunction? *Journal of Cardiac Surgery* 10:493-7 (1995).
140. Engelman RM, Rousou JA, Flack JE III, Deaton DW, Humphrey CB, Ellison LH, Allmendinger PD, Owen SG, **Pekow PS**, Fast track recovery of the coronary bypass patient. *Annals of Thoracic Surgery* 58:1742-6 (1994).
141. Donovan JT, Shiraki W, **Pekow PS**, and Otis CN, Reliability of quantitating proliferative cell nuclear antigen in epithelial ovarian tumors. *Analytical and Quantitative Cytology and Histology* 16:85-89 (1994).
142. Flack JE III, Hafer J, Engelman RM, Rousou JA, Deaton DW, **Pekow P Effect** of normothermic blood cardioplegia on postoperative conduction abnormalities and supraventricular arrhythmias. *Circulation (Suppl II)*: II385-II392 (1992).

143. Ockene JK, Kristeller J, Goldberg R, Ockene I, Merriam P, Barrett S, **Pekow P**, Hosmer D, Gianelly R, Smoking cessation and severity of disease: The coronary artery smoking intervention study. *Health Psychology* 11:119-26 (1992).
144. Ockene JK, Kristeller J, Goldberg R, Amick T, **Pekow P**, Hosmer D, Quirk M, Kalan K. Increasing the efficacy of physician-delivered smoking intervention: a randomized clinical trial. *Journal of General Internal Medicine* 6:1-8 (1991).
145. Namihira D, Strope GL, Helms RW, **Pekow P**, Bojalil, BM, and Fernandez, F. A study of spirometry in children from Mexico City. *Pediatric Pulmonology* 2:337-43 (1986).
146. Smith JC, Hughes JM, **Pekow PS**, Rochat RW, An assessment of the incidence of maternal mortality in the United States. *Am J Public Health* 74:780-3 (1984).

Editorials

1. Teres D and **Pekow P**. Assessing data elements in a severity scoring system. *Intensive Care Medicine* 26:263-4 (2000).
2. Teres D and **Pekow P**. A night in Tunisia. *Critical Care Medicine* 26:812-3 (1998).
3. Teres D and **Pekow P**. Pushing the envelope on futility. *Critical Care Medicine* 25:1768-9 (1997).

Published Letters

1. Lindenauer PK, Shieh MS, **Pekow P**, Stefan MS. Reply: long-acting bronchodilators in patients with chronic obstructive pulmonary disease: still more to know. *Ann Am Thorac Soc* 11:1505 (2014).
2. Lindenauer PK, Stefan MS, Johnson KG, Priya A, **Pekow PS**, Rothberg MB. Response. *Chest* 146:e176-7 (2014).
3. Lindenauer PK, **Pekow PS**, Rothberg MB. Corticosteroid Administration and Treatment Failure in Acute Exacerbation of Chronic Obstructive Pulmonary Disease Reply. *JAMA* 304:1554-5 (2010).
4. Rothberg MB, **Pekow PS**, Lindenauer PK, Antibiotic Therapy in Patients Hospitalized With Acute Chronic Obstructive Pulmonary Disease Reply. *JAMA* 304:1326-7 (2010).
5. Bozic KJ, Vail TP, **Pekow PS**, et al., Maselli JH Lindenauer PK, Auerbach AD. Untitled Reply *Journal Of Arthroplasty* 25:667-8 (2010).
6. Lindenauer PK, **Pekow P**, Benjamin EM, Perioperative beta-blocker therapy and mortality - Reply *New England Journal Of Medicine* 353:2514-5 (2005).
7. Lindenauer PK, Mathew MC, Ntuli TS, **Pekow PS**, Fitzgerald J, Benjamin EM, Use of antihypertensive agents in the management of patients with acute ischemic stroke - Reply *Neurology* 64: 401-2 (2005).
8. Lindenauer PK, Chehabeddine R, **Pekow P**, Fitzgerald J, Benjamin EM, Reply *Archives Of Internal Medicine* 162: 2634 (2002).

Published Technical Reports

1. Judge C, Orejuela M, West J, Nasca PC, **Pekow PS**, ChasanTaber L, Schmidt MD, Kengeri SS, Pannala R, Department of Public Health, Bureau of Health Statistics, Research and Evaluation, 2002
2. Averbach AR, Judge C, Orejuela M, Nasca PC, **Pekow PS**, Chasan-Taber L, Schmidt MD, Danielle Hoffman, Qiang Ling, Hispanic Births in Massachusetts 1996-1999, Department of Public Health, Bureau of Health Statistics, Research and Evaluation, 2001
3. Averbach AR, Judge C, Orejuela M, Nasca PC, **Pekow PS**, Chasan-Taber L, Schmidt MD, Rouse L, Allen JA, Connor AK, Asian Births in Massachusetts 1996-1997, Department of Public Health, Bureau of Health Statistics, Research and Evaluation, 2001
4. **Pekow PS**, A Mixed Model Analysis of Tracking for Inconsistently-Timed Longitudinal Data, Institute of Statistics Mimeo Series No. 1890T, 1991 University of North Carolina at Chapel Hill.

Invited Presentations**International**

Teaching Biostatistics Online (International Conference on Teaching Statistics),
Capetown, South Africa 2003

National

Teaching Statistics Online to Health Professionals” (Joint Statistical Meetings)
Washington, DC August, 2009

Academic Service**Internal Administration and Service****Department**

Department of Public Health Computing Committee Member, School of Public Health and
Health Sciences, UMass-Amherst 2013 – 2015

Departmental Personnel Committee Member, School of Public Health and Health
Sciences, UMass-Amherst 2010 – 2011

Biostatistics Internship Coordinator Baystate Medical Center 2002 – 2004

Departmental Personnel Committee Member, School of Public Health and Health
Sciences, UMass-Amherst 2001 – 2004

Ad Hoc Committee Collaborative Baystate/UMass Center for Excellence in Women’s
Health, Member 1999 – 2001

Search Committee for Faculty Position in Epidemiology Member Departmental Personnel
Committee 1998 – 1999

School

Website Committee (Member) School of Public Health and Health Sciences, UMass-
Amherst 2005 – 2010

Committee on Community, Diversity, Social Justice (Member), School of Public Health and
Health Sciences, UMass-Amherst 2004 – 2005

School of Public Health and Health Sciences Personnel Committee (Department Rep for
Biostatistics and Epidemiology) School of Public Health and Health Sciences 1997 – 1998

Professional Development

Data Safety Monitoring Board Member (NIH funded project: An Exercise Intervention to
Prevent Recurrent Gestational Diabetes) UMass-Amherst 2007 – 2010

Co-Director, Biostatistics Consulting Center, (School of Public Health and Health
Sciences) UMass-Amherst 2006 – 2010

Convened Roundtable Discussion on “Teaching Statistics to Health Professionals” (Joint
Statistical Meetings) Denver, CO 08/05/2008

Session Chair for “Teaching Statistics to Health Professionals” (Joint Statistical
Meetings) Washington, DC 08/04/2009