

## Penelope S. Pekow, Ph.D.

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### Education

Ph.D., (Biostatistics), University of North Carolina, Chapel Hill, NC 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 2000 – 2004  
(MEDUNSA), Gauteng, South Africa

Research Assistant Professor, Department of Public Health, University of Massachusetts,  
Amherst, MA 1995 – Present

### Leadership Positions

Director of Biostatistics and Research Support, Institute for Healthcare Delivery and  
Population Science, Baystate Medical Center, Springfield, MA 2014 – Present

Senior Biostatistician, Institute for Healthcare Delivery and Population Science, 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**

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| 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**

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|---|------|
| Frank Porter Graham Innovative Research Award | 1989 |
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**Educational Activities****Graduate Education**

|   |  |
|---|--|
| Introduction to Biostatistics On-line, Course Instructor, 32 – 50 students/year, UMass Online MPH program – web-based fully asynchronous distance education version of the introductory biostatistics course for health professionals   | 2003 – Present   |
| Introduction to Biostatistics On-line, National School of Public Health, MEDUNSA, South Africa. Developed and taught web-based distance education introductory biostatistics course for a newly established School of Public Health; mentored local faculty to take over teaching 2002. | 2000 – 2003  |
| Data Management and Statistical Computing, Course Instructor, 18-36 students/year, Introduction to data management for research studies   | 1992,<br>1996,<br>2000 – 2016                                      |
| Introduction to Biostatistics, Course Instructor, 30-65 students/year, Introductory course required for all Public Health MS and MPH students   | 1993, 1995,<br>1996, 1999,<br>2000 – 2002,<br>2006,<br>2019 – 2020 |

**Undergraduate Education**

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| Public Health Capstone, Course Instructor, 24-30 students/semester, Final semester course required of undergraduate Public Health Majors | 2016 – 2021 |
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**Workshops/Trainings**

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| Kabul Medical University, Kabul, Afghanistan. 5-day workshop for medical and nursing school faculty covering Introduction to Biostatistics, including computer lab on working with data in Excel.   | 2010        |
| Mankweng Hospital, Polokwane, Limpopo Province, South Africa, 5-day workshop covering presentation of data; introduction to data analysis; choosing a statistical test; collecting and managing data for research studies plus computer lab experience.             | 2004        |
| Workshop series presented annually for resident physicians and research fellows at Baystate Medical Center: Presentation and Interpretation of Data; Introduction to Data Analysis; Choosing a Statistical Test; Collecting and Managing Data for Research Studies. | 2003 – 2008 |

**Professional Service**

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| Data Safety Monitoring Board Member (1R01 DK0748761-107-123111, PI Chasan-Taber: An Exercise Intervention to Prevent Recurrent Gestational Diabetes) University of Massachusetts-Amherst | 2007 – 2010 |
| Convened Roundtable Discussion on “Teaching Statistics to Health Professionals” (Joint Statistical Meetings) Denver, CO  | 2008        |
| Session Chair for “Teaching Statistics to Health Professionals” (Joint Statistical Meetings) Washington, DC  | 2009        |

**Postdoctoral Trainees**

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| NIDA K23 Statistical Mentor for William Soares, MD, SPOiLER: towards Safer Prescribing of Legal Opioids from the Emergency Room   | 2018 – 2023 |
| AHQR K08 Statistical Mentor for Elizabeth Schoenfeld, MD, Shared Decision-Making for the Promotion of Patient-Centered Imaging in the Emergency Department: Suspected Kidney Stones | 2018 – 2023 |
| NHLBI K23 Statistical Mentor for Quinn Pack, MD, Identifying Effective Strategies to Improve Participation in Cardiac Rehabilitation after an Acute Cardiac Hospitalization.        | 2017 – 2021 |
| NICHD K23 Statistical Mentor for Sarah Goff, MD, Factors and strategies associated with high quality pediatric care   | 2015 – 2018 |
| AHRQ/PCORI K08 Statistical Mentor for JoAnna Leyenaar, MD MPH MSc, Comparative safety and effectiveness of direct vs. ED admission for pediatric hospitalizations                   | 2015 – 2018 |
| NHLBI K01 Statistical Mentor for Mihaela Stefan, MD MSc, Comparative effectiveness of alternative strategies for acute respiratory failure  | 2013 – 2016 |
| NHLBI K01 Statistical Mentor for Tara Lagu, MD MPH, Identifying clinical and organizational strategies associated with better outcomes for Heart Failure patients                   | 2013 – 2016 |

**Research Education**

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|---|------|
| Member of Committee, Sarah Goff, Health Policy and Promotion, (PhD Dissertation)  | 2018 |
| Member of Committee, Megan Ward Harvey, Epidemiology, “Correlates of Gestational Weight Gain among Pregnant Hispanic Women” (PhD Dissertation)  | 2017 |
| Member of Committee, JoAnna Leyenaar, Clinical and Translational Sciences, Tufts University, “Comparative safety and effectiveness of direct vs. ED admission for pediatric hospitalizations” (PhD Dissertation)                  | 2017 |
| Member of Committee, Mihaela Stefan, Clinical and Translational Sciences, Tufts University, “Noninvasive Ventilation in Patients with Asthma 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 |

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| 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   | 2005 |

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| among Community Radiologists" (MPH Project)  |      |
| 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 $\beta$ -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 | 1998 |

patients" (MS Thesis)

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| 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, Shiaw-Shyuan Yaun, Biostatistics, "Prediction of length of oxygen use in BPD babies" (MPH Project)   | 1993 |
| Member of Committee, Melissa L. McCarthy, Epidemiology, "The Relationship between Birth Trauma and Method of Delivery in a Macrosomic Population" (MS Thesis)  | 1992 |
| 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 |

## Grant Activity

### Current

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|---|-------------|
| NHLBI, R01 HL139985-02 Lagu (PI)<br>Identifying effective strategies used by Medicare Accountable Care Organizations to reduce admission rates for patients with heart failure: A mixed-methods study<br>Role: Co-Investigator/Statistician                           | 2019 – 2023 |
| NHLBI R01 HL19014 Lagu (PI)<br>A mixed methods study to identify and refine implementation strategies to increase use of cardiac rehabilitation for patients with heart failure (STIMULATE)<br>Role: Co-Investigator/Statistician                                     | 2019 – 2024 |
| NHLBI R01 HL146615 Stefan (PI)<br>Implementation of interprofessional training to improve uptake of noninvasive ventilation in patients hospitalized with severe COPD exacerbation<br>Role: Co-Investigator/Statistician  | 2019 – 2024 |
| NHLBI, R01 HL133046-01A1 Lindenauer (PI)<br>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<br>Role: Co-investigator/Statistician | 2017 – 2021 |

### Completed

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| AHRQ, R01 HS024277 Rothberg (PI)<br>Reducing Antimicrobial Overuse in HCAP Through Personalized Antimicrobial | 2015 – 2020 |
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## Recommendations

Role: Co-investigator/Statistician

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| NIDDKD R01 DK097011 PI: Chasan-Taber, L<br>Randomized Lifestyle Intervention in Overweight and Obese Pregnant Hispanic Women<br>Role: Co-Investigator/Statistician  | 2012 – 2018 |
| NIDDKD R01 DK064902 PI: Chasan-Taber, L<br>Randomized Trial of a Postpartum Diabetes Prevention Program for Hispanic Women<br>Role: Co-Investigator/Statistician  | 2012 – 2017 |
| NHLBI R18 HL108810 PI: Lindenauer, P.<br>Implementation and Outcomes of Noninvasive Ventilation in COPD<br>Role: Co-Investigator/Statistician   | 2011 – 2016 |
| ARHQ R18 HS021864 PI: Goff, S<br>Randomized Trial of a Patient Navigator for pregnant women to increase use of quality of care information in selecting a pediatrician for their infant<br>Role: Co-Investigator/Statistician | 2012 – 2015 |
| ARHQ R18 HS018645 PI: Lindenauer, P.<br>Contextual Factors Associated with Implementation Effectiveness within a QI Collaborative<br>Role: Co-Investigator/Statistician   | 2010 – 2013 |
| ARHQ R01 HS018723 PI: Rothberg, M.<br>Quality of Care and Outcomes of Healthcare-Associated Pneumonia<br>Role: Co-Investigator/Statistician   | 2010 – 2013 |
| NICHD Contract PI: Druschel<br>Fertility Treatment and Child Growth and Development<br>Role: Data Management Consultant   | 2007 – 2010 |
| NIDDKD R01 DK064902 PI: Chasan-Taber, L.<br>Epidemiology of Stress and GDM among Latina Women<br>Role: Co-Investigator/Statistician   | 2005 – 2010 |
| California Healthcare Foundation PI: Auerbach, A.<br>Hospital Volume, Processes of Care, and Patient Outcomes<br>Role: Statistical Consultant   | 2005 – 2007 |
| NIDDKD R01 DK58356 PI: Moran, A.<br>Diabetes Therapy to Improve Body Mass and Clinical Status in CF Subjects with Abnormal Glucose Tolerance<br>Role: Co-Investigator/Statistician/Director of Data Coordinating Center       | 2001 – 2007 |
| NICHD Contract, PI: Nasca, P.<br>Population-based approaches for examining the effect of infertility treatment on human Development<br>Role: Statistician   | 2003 – 2005 |
| Proctor and Gamble PI: Gehlbach, S.<br>Underdiagnosis and Undertreatment of Osteoporosis<br>Role: Statistical Consultant  | 2001 – 2003 |
| Massachusetts Department of Public Health Interface Grant PI: Nasca, P.<br>Asian, Hispanic and Black Births in Massachusetts: Analyses of Perinatal Outcomes by Maternal Ethnicity<br>Role: Co-Investigator/Statistician      | 1999 – 2003 |

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| Harvard Pilgrim Health Care PI: Benjamin, E.<br>Diabetes Self-Management Intervention Trial<br>Role: Co-Investigator/Statistician   | 1997 – 2000 |
| Greenwall Foundation and Open Society PI: Cohen, L.<br>Termination of Dialysis: The Decision to Die and the Quality of Death<br>Role: Statistician                                    | 1995 – 1998 |
| National Athletic Trainers Association PI: O'Connor C.<br>Brachial Plexus Injury (Burners) in Collegiate Football Players - A Prospective Study<br>Role: Co-Investigator/Statistician | 1996 – 1997 |
| NHLBI R01- HL48631 PI: Engelman, R.<br>The Influence of CPB Temperature on CABG Morbidity<br>Role: Statistician   | 1994 – 1997 |
| Industry Co-PIs: Stanek, E., Calabrese, E.<br>Soil Pica Prevalence Study in Children; Soil Ingestion in Children at Anaconda<br>Role: Data Manager                                    | 1994 – 1996 |

## **Scholarship**

### **Peer-reviewed publications**

1. Stefan MS, Priya A, Pekow PS, Steingrub JS, Hill NS, Lagu T, Raghunathan K, Bhat AG, Lindenauer PK. A scoring system derived from electronic health records to identify patients at high risk for noninvasive ventilation failure. *BMC Pulm Med.* 21(1):52 (2021).
2. Leyenaar JK, Shieh MS, Pekow PS, Lindenauer PK. Variation in Pediatric Asthma Diagnosis and Outcomes among Hospitalized Children. *Ann Am Thorac Soc.* (2021) [Online ahead of print]
3. Hawkins M, Marcus B, Pekow P, Rosal MC, Tucker KL, Spencer RMC, Chasan-Taber L. The Impact of a Randomized Controlled Trial of a Lifestyle Intervention on Sleep Among Latina Postpartum Women. *Ann Behav Med.* (2021) [Online ahead of print]
4. Poudel KC, Poudel-Tandukar K, Bertone-Johnson ER, **Pekow P**, Vidrine DJ. Inflammation in Relation to Intensity and Duration of Cigarette Smoking Among People Living with HIV. *AIDS Behav.* 25(3):856-865 (2021).
5. Notice of Retraction and Replacement. Stefan et al. Association of antibiotic treatment with outcomes in patients hospitalized for an asthma exacerbation treated with systemic corticosteroids. *JAMA Intern Med.* 2019;179(3):333-340. Stefan MS, Pekow PS, Lindenauer PK. *JAMA Intern Med.* 2021 Jan 19.
6. Vail EA, Shieh MS, Pekow PS, Gershengorn HB, Walkey AJ, Lindenauer PK, Wunsch H. Use of Vasoactive Medications after Cardiac Surgery in the United States. *Ann Am Thorac Soc.* 18(1):103-111 (2021).
7. Westafer LM, Shieh MS, **Pekow PS**, Stefan MS, Lindenauer PK. Outpatient Management of Patients Following Diagnosis of Acute Pulmonary Embolism. *Acad Emerg Med* (2020) [Online ahead of print]
8. Backley S, Knee A, **Pekow P**, Markenson G, White KO, Schoen C, Chasan-Taber L. Prenatal Depression and Risk of Short Interpregnancy Interval in a Predominantly Puerto Rican Population. *J Womens Health (Larchmt).* 29(11):1410-1418 (2020).
9. Harvey MW, Braun B, Ertel KA, **Pekow PS**, Markenson G, Chasan-Taber L. Stress and Anxiety are Associated with Lower Gestational Weight Gain in Hispanic Women. *Womens Health Issues.* 30(6):409-415 (2020)



10. Chasan-Taber L, Kini N, Harvey MW, **Pekow P**, Dole N. The Association Between Acculturation and Prenatal Psychosocial Stress Among Latinas. *J Immigr Minor Health*. 22(3):534-544 (2020).
11. Burkart S, Marcus BH, **Pekow P**, Rosal MC, Manson JE, Braun B, Chasan-Taber L. The impact of a randomized controlled trial of a lifestyle intervention on postpartum physical activity among at-risk hispanic women: Estudio PARTO. *PLoS One*. 15(7) (2020)
12. Lindenauer PK, Stefan MS, **Pekow PS**, Mazor KM, Priya A, Spitzer KA, Lagu TC, Pack QR, Pinto-Plata VM, ZuWallack . Association Between Initiation of Pulmonary Rehabilitation After Hospitalization for COPD and 1-Year Survival Among Medicare Beneficiaries. *JAMA* 323(18):1813-1823 (2020).
13. Jewell MJ, Leyenaar J, Shieh MS, **Pekow PS**, Stefan M, Lindenauer PK. Unnecessary antibiotic prescribing in children hospitalised for asthma exacerbation: a retrospective national cohort study. *BMJ Qual Saf*. 30(4):292-299 (2020).
14. Stefan MS, Pack Q, Shieh MS, **Pekow PS**, Bernstein SL, Raghunathan K, Nason KS, Lindenauer PK. The Association of Nicotine Replacement Therapy With Outcomes Among Smokers Hospitalized for a Major Surgical Procedure. *Chest* 157(5):1354-1361 (2020).
15. Spitzer KA, Stefan MS, Priya A, Pack QR, **Pekow PS**, Lagu T, Mazor K, Pinto-Plata VM, ZuWallack RL, Lindenauer PK. A geographic analysis of racial disparities in use of pulmonary rehabilitation after hospitalization for COPD exacerbation. *Chest* 157(5):1130-1137 (2020).
16. Goff SL, Mazor KM, Priya A, **Pekow PS**, Lindenauer PK. Characteristics of High Performing Primary Care Pediatric Practices: A Qualitative Study. *Acad Pediatr* 20:267-274 (2020).
17. Herzig SJ, Stefan MS, **Pekow PS**, Shieh MS, Soares W, Raghunathan K, Lindenauer PK. Risk Factors for Severe Opioid-Related Adverse Events in a National Cohort of Medical Hospitalizations. *J Gen Intern Med* 35:538-545 (2020).
18. Schoenfeld EM, Shieh MS, **Pekow PS**, Scales CD Jr, Munger JM, Lindenauer PK. Association of Patient and Visit Characteristics With Rate and Timing of Urologic Procedures for Patients Discharged From the Emergency Department With Renal Colic. *JAMA Netw Open* 2:e1916454. (2019).
19. Stefan MS, Pack Q, Shieh MS, **Pekow PS**, Bernstein SL, Raghunathan K, Nason KS, Lindenauer PK. The association of nicotine replacement therapy with outcomes among smokers hospitalized for a major surgical procedure. *Chest* (2019). [Epub ahead of print]
20. Atreya AR, Priya A, Pack QR, **Pekow PS**, Stefan M, Lagu T, Lotfi AS, Lindenauer PK. Use and Outcomes Associated With Perioperative Amiodarone in Cardiac Surgery. *J Am Heart Assoc* 8:e009892 (2019).
21. O'Sullivan KF, Kashef MA, Knee AB, Roseman AS, **Pekow PS**, Stefan MS, Shieh MS, Pack QR, Lindenauer PK, Lagu T. Examining the "Repletion Reflex": The Association between Serum Potassium and Outcomes in Hospitalized Patients with Heart Failure. *J Hosp Med* 14:E1-E8 (2019).
22. Pack QR, Priya A, Lagu T, **Pekow PS**, Schilling JP, Hiser WL, Lindenauer PK. Association Between Inpatient Echocardiography Use and Outcomes in Adult Patients With Acute Myocardial Infarction. *JAMA Intern Med* 179:1176-85 (2019).
23. Chasan-Taber L, Kini N, Harvey MW, **Pekow P**, Dole N. The Association Between Acculturation and Prenatal Psychosocial Stress Among Latinas. *J Immigr Minor Health* (2019). [Epub ahead of print]

24. Hawkins M, Marcus B, **Pekow P**, Rosal MC, Tucker KL, Spencer RMC, Chasan-Taber L. Physical activity and sleep quality and duration among Hispanic postpartum women at risk for type 2 diabetes: Estudio PARTO. *Sleep Health* 5:479-86. (2019).
25. Goff SL, Mazor KM, Priya A, Moran M, **Pekow PS**, Lindenauer PK. Organizational characteristics associated with high performance on quality measures in pediatric primary care: A positive deviance study. *Health Care Manage Rev* (2019). [Epub ahead of print]
26. Stefan MS, Shieh MS, Spitzer KA, **Pekow PS**, Krishnan JA, Au DH, Lindenauer PK. Association of Antibiotic Treatment With Outcomes in Patients Hospitalized for an Asthma Exacerbation Treated With Systemic Corticosteroids. *JAMA Intern Med* 179:333-9 (2019).
27. Walkey AJ, Shieh MS, **Pekow P**, Lagu T, Lindenauer PK. Changing heart failure coding practices and hospital risk-standardized mortality rates. *J Card Fail* 25:137-9 (2019).
28. Pack QR, Priya A, Lagu T, **Pekow PS**, Berry R, Atreya AR, Ades PA, Lindenauer PK. Cardiac Rehabilitation Utilization During an Acute Cardiac Hospitalization: A NATIONAL SAMPLE. *J Cardiopulm Rehabil Prev* 39:19-26 (2019).
29. Goff SL, Garb JL, Guhn-Knight H, Priya A, **Pekow PS**, Lindenauer PK. Spatial analysis of factors influencing choice of paediatric practice for mothers from low-income and minority populations. *J Paediatr Child Health* 55:948-55 (2018).
30. Spitzer KA, Stefan MS, Priya A, Pack QR, **Pekow PS**, Lagu T, Pinto-Plata VM, ZuWallack RL, Lindenauer PK. Participation in Pulmonary Rehabilitation Following Hospitalization for COPD among Medicare Beneficiaries. *Ann Am Thorac Soc* 16:99-106 (2018).
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