

Business Address

Virginia Tech  
Four Riverside Circle  
Mail Code 0802  
Roanoke, VA 24016  
540-526-2264 Office  
[alhanlon@vt.edu](mailto:alhanlon@vt.edu)

---

**EDUCATION**

- 1998                    **Temple University**  
Philadelphia, Pennsylvania  
Doctor of Philosophy in Statistics
- 1991                    **University of California, Irvine**  
Irvine, California  
Master of Science in Mathematical Statistics
- 1985                    **Rochester Institute of Technology**  
Rochester, New York  
Baccalaureate of Science in Mathematics, Statistics minor

---

**ACADEMIC POSITIONS**

- 2019 to present      **Director, Center for Biostatistics and Health Data Science**  
**Co-Director, iTHRIBERD Methods Core**  
**Professor of Practice**  
Department of Statistics  
Virginia Tech  
Roanoke, Virginia
- 2014 to 2019         **Research Professor**  
2008 to 2014         **Associate Research Professor**  
School of Nursing  
University of Pennsylvania  
Philadelphia, Pennsylvania
- 2007 to 2008         **Associate Research Professor**  
2005 to 2007         **Assistant Research Professor**  
Department of Public Health  
College of Health Professions  
Temple University  
Philadelphia, Pennsylvania

---

**OTHER POSITIONS**

- 2004 to 2005         **Director, Biostatistics**  
Johnson and Johnson  
Chesterbrook, Pennsylvania
- 2002 to 2004         **Director, Biostatistics and Data Management**  
OraPharma of Johnson and Johnson  
Warminster, Pennsylvania

1994 to 2004  
(part-time after 2002) **Senior Research Biostatistician**  
Fox Chase Cancer Center  
Philadelphia, Pennsylvania

1991 to 1994 **Biostatistician**  
The American College of Radiology  
Philadelphia, Pennsylvania

---

## COMPUTER BACKGROUND

Languages SAS, R, MATLAB, S+, GLIM, APL, BASIC, FORTRAN, Pascal  
Software Github, SPSS, Stata, Mplus, JMP, PASS, Minitab, MS Office suite

---

## HONORS AND AWARDS

2019 Fellow of the American Statistical Association (ASA)

2014 American Statistical Association, Statistical Consulting Section  
Best Topic Contributed Session

2012 Collaborative Statisticians Advancing Their Academic Careers  
Research Award  
Department of Family and Community Health  
School of Nursing, University of Pennsylvania

1996 Summer Research Fellowship Award  
School of Business and Management, Temple University

---

## EDITORIAL POSITIONS

1996 to present Scientific Review Panel for the following journals:  
International Journal of Older People Nursing, Journal of  
Biopharmaceutical Statistics, Cancer, Journal of Clinical Oncology,  
International Journal of Radiation Oncology, Biology and Physics, BMC  
Geriatrics

---

## RESEARCH

### Doctoral Dissertation:

Hierarchical Nonlinear Mixed Effects Modeling: Inference and Classification using a Fully  
Parametric Model, Advisor: Dr. Dirk Moore, August 1998.

### Current Funding:

Co-Investigator (PI: Chiu) National Institutes of Health/NIDA 1R01DA051573-01A1, Social  
influences on choices in adolescent substance use. April 2021 to January 2026. (Code: R01)

Co-Investigator (PI: Chiu) National Institutes of Health/NIMH 1R01MH127773-01, Evaluating  
overlap and distinctiveness in neurocomputational loss and reward elements of the RDoC  
matrix. July 2021 to June 2026. (Code: R01)

Co-Investigator (MPI: King-Casas, Chiu) National Institutes of Health/NIDA 1R01DA051573-  
01A1, Social influences on choices in adolescent substance use. September 2021 to May  
2026. (Code: R01)

Co-Investigator (PI: Bickel) National Institutes of Health/ UL1TR003015-03, The Integrated Translational Health Research Institute of Virginia (iTHRIV). February 2019 to January 2024. (Code: UL1)

Co-Investigator (PI: Gooneratne), National Institutes of Health/NINR R01AG054435-04, Changing the Trajectory of Mild Cognitive Impairment with CPAP Treatment of Obstructive Sleep Apnea. September 2018 to May 2022. (Code: R01)

Co-Investigator (PI: Richards), National Institutes of Health/NINR R01AG051588-06, Nighttime Agitation and Restless Legs Syndrome in People with Alzheimer's Disease. February 2017 to March 2022. (Code: R01)

Co-Investigator (PI: Fogel), National Institutes of Health/NHLBI 1R01HL149139-02A1, Acute Imposition of Fontan Physiology in the Single Ventricle Patient: Effects on Fibrosis, Function, and Drug Intervention. July 2020 to June 2024. (Code: R01)

Co-Investigator (PI: Naylor), University of Pennsylvania 20-0006-OF-20 (Missouri Foundation for Health Flow-thru), Multisite Replication of the Transitional Care Model. October 2020 to March 2023.

Co-Investigator (PI: Horn), East Tennessee State University 1R24DA051973-01 (NIH-NIDA Flow-thru), Studies to Advance Recovery Supports (STARS) in Central Appalachia. July 2020 to April 2025. (Code: R24)

Co-Investigator (PI: Naylor), NewCourtland Center for Transitions and Health, University of Pennsylvania: Population Health Initiative. January 2019 to June 2024.

Co-Investigator (PI: Horn), Qlarion, Inc.: Collaboration with VA's FAACT Project to inform Community-engaged Research and Translation. November 2019 to October 2022.

### **Completed Funded Grants:**

Co-Investigator (PI: Dunkenberger), The Office of National Drug Control policy, Crisis Response and Harm Reduction: Combating Opioid Overdose through Community-level Intervention. December 2019 to November 2020.

Co-Investigator (PI: Fogel), National Institutes of Health/NHLBI R01HL090615, Cerebral Anatomy, Hemodynamics and Metabolism In Single Ventricles: Relationship to Neurodevelopment. October 2015 to June 2020. (Code: R01)

Co-Investigator (PI: Hodgson), National Institutes of Health/NINR R01NR015226-01A1, The Role of Palliative Care Interventions to Reduce Circadian Rhythm Disorders in Persons with Dementia. September 2016 to January 2019. (Code: R01)

Co-investigator (PI: Ulrich), National Institutes of Health/NINR R01-CA196131. Retention in Cancer Clinical Trials: Modeling Patient-Participants' Risk-Benefit Assessments. December 2014 to January 2019. (Code R01)

Principal Investigator, University of Pennsylvania Research Funds, Quantifying the Effects of Sleep on Cardiovascular Health Risk Factors: A Population Analysis using UK Biobank Data. July 2016 to July 2018. (Code O)

Co-Investigator (PI: Villarruel), National Institutes of Health/NINR R01NR013505, Testing a Latino Web-based Parent-Adolescent Sexual Communication Intervention. September 2012 to June 2017. (Code: R01)

Bio-Statistician (PI: Chirinos), National Institutes of Health /NHLBI R56HL124073, Targeting Central Pulsatile Hemodynamics in Chronic Kidney Disease. September 2015 to August 2016. (Code: R56)

Bio-statistician (PI: Heil), National Institutes of Health/NINR R44-NR013609, Technology Application to Enhance Discharge Referral Decision Support. September 2014 to August 2016. (Code O)

Bio-Statistician (PI: Fogel), National Institutes of Health /NHLBI R01HL090615, Cerebral Anatomy, Hemodynamics and Metabolism In Single Ventricles: Relationship to Neurodevelopment. October 2015 to June 2016. (Code: R01)

Bio-Statistician (Co- PI: Villarruel), National Institutes of Health /NINR R01NR013505, Testing a Latino Web-based Parent-Adolescent Sexual Communication Intervention. September 2012 to June 2016. (Code: R01)

Bio-statistician (PI: Kim), National Institutes of Health/NINR R00-NR013177-03, An Objective Snoring Index and Its Association with Carotid Atherosclerosis. September 2013 to June 2016. (Code O)

Statistician (PI: Buttenheim), National Institutes of Health /NICHD, Vaccination Status of Children Exempted from School-Entry Immunization Mandates. July 2014 to April 2016. (Code: R03)

Co-investigator (PI: Medoff-Cooper), National Institutes of Health/NINR R01NR002093, Feeding Behaviors and Energy Balance in Infants with CHD. (CHOP direct cost), July 2011 to March 2016. (Code R01)

Bio-statistician (PI: Brawner), CDC/NCHHSTP/U01PS003304, PS11-003 Minority AIDS Research Initiative. January 2012 to December 2015. (Code O)

Co-investigator (PI: Thompson), National Institutes of Health/NCI 2P30CA016520-35, Abramson Cancer Center Support Grant – Biostatistics Core. December 2010 to November 2015. (Code PP)

Co-investigator (PI: Rhodes), National Institutes of Health/NIAAA R01AA018705-02, A RCT of Brief Intervention for Problem Drinking and Partner Violence. September 2010 to May 2015. (Code R01)

Statistician (PI: Liu), National Institutes of Health/NIEHS 5R01ES018858-04, Lead exposure, externalizing behavior, and neurobiological mediating factors. September 2011 to April 2015. (Code R01)

Principal Investigator, Robert Wood Johnson Foundation Health & Society Scholars Program, Effects of Chronotype on Sleep Duration and Body Composition Variables. October 2013 to August 2014. (Code O)

Bio-statistician (PI: Souders), Department of the Army, Tailored Behavioral Intervention for Insomnia in Children with Autism Spectrum Disorders. July 2013 to June 2014. (Code FG)

Statistician (PI: Richards), National Institutes of Health / NIA, Mild Cognitive Impairment and Obstructive Sleep Apnea. April 2011 to March 2014. (Code R01)

Statistician (PI: Naylor), Jointly sponsored by the Gordon & Betty Moore Foundation, the Jonas Center for Nursing Excellence, and the Alex & Rita Hillman Foundation, Effects of Patient Centered Medical Home Plus Transitional Care for Complex Older Adults. August 2011 to July 2014.

Statistician (PI: Hirshman), National Institutes of Health, Palliative needs of cognitively impaired patients during health care transactions. August 2011 to June 2013. (Code: R03)

Statistician (PI: Kim), National Institutes of Health /NINR K99-NR013177-02, An Objective Snoring Index and Its Association with Carotid Atherosclerosis. September 2011 to April 2013. (Code K99/R00)

Statistician (PI: Chirinos), National Institutes of Health/NHLBI R01-HL-080076-04, Inflammatory response to sleep apnea in obese subjects. May 2006 to April 2013. (Code R01)

Co-investigator (PI: Medoff-Cooper), CHOP, Improving feeding for the late preterm infant-a pilot study. January 2011 to November 2012. (Code: O)

Co-investigator (PI: Naylor), National Institutes of Health/NIA R01AG025524-05, Health Related Quality of Life: Elders in long-term care. September 2006 to May 2012. (Code R01)

Co-investigator (PI: Naylor), PENN, Marian S. Ware Alzheimer Program, Continuity of Care Component. July 2009 to April 2012. (Code PG)

Co-investigator (PI: M. Brown), National Institutes of Health/NHLBI R01HL085497, Genetics of In Vivo and In Vitro Endothelial Function in African Americans. April 2007 to March 2012\*. (Code R01) \*Consultant post January 2009.

Co-investigator (PI: D. Nelson), National Institutes of Health/DHHS 5 R01 HD038856-07, BV-associated Bacteria and Adverse Pregnancy Outcomes among Urban Women. April 2008 to March 2012\*. (Code R01) \*Consultant post January 2009.

Co-investigator (PI: Bowles), Edna G. Kynett Memorial Foundation, Getting the Right Care for the Right Patient: Breaking the Cycle of Heart Failure Readmission. November 2010 to October 2011. (Code O)

Co-investigator (PI: A. Hausman), National Institutes of Health/Center for Disease Control U49CE001093-01, Violence Prevention Center Research. September 2006 to August 2011\*. (Code O) \*Consultant post January 2009.

Co-investigator (PI: Bruner), National Institutes of Health/NCI R21CA140766-02, Randomized Feasibility Study of Dilator Use and an Educational Program to Increase Compliance After Vaginal Brachytherapy for Endometrial Cancer. September 2009 to August 2011. (Code FG)

Co-investigator (PI: Medoff-Cooper), Cardiac Center Pilot Funds, The Children's Hospital of Philadelphia: Sleep Patterns and Maternal Stress. September 2009 to August 2011. (Code O)

Co-investigator (PI: Meghani), National Institutes of Health/NINR 1RC1NR011591-01, A Novel Approach to Elucidate Mechanisms for Disparity in Cancer Pain Outcomes. January 2010 to July 2011. (Code FG)

Co-investigator (PI: Rhodes), National Institutes of Health/NCMHD RC1MD004415-02, Community Health Center Intervention to Prevent Family Violence. September 2009 to July 2011. (Code FG)

- Statistician (PI: Riegel), National Institutes of Health/NHLBI R01-HL084394-03, Impact of sleepiness on heart failure self-care. April 2007 to March 2011. (Code R01)
- Statistician (PI: Sawyer), National Institutes of Health K99NR011173-01, Risk Assessment and Tailored Intervention to Improve CPAP Adherence. April 2009 to March 2011. (Code TG)
- Co-investigator (PI: Ulrich), Pennsylvania Tobacco Funds, Radiation Therapy Oncology Group: Attrition in Radiation Therapy Oncology Trials: A 20 Year Retrospective Review. January 2007 to December 2010. (Code O)
- Co-investigator (PI: N. Martin), National Institutes of Health/DHHS 2 R01 DC001924-12A2, Lexical Retrieval, Verbal Short Term Memory and Learning. May 2005 to November 2010\*. (Code R01) \*Consultant post January 2009.
- Co-investigator (PI: Watkins-Bruner), National Institutes of Health/NCI R01 R01 CA114321-03, Ethnic Differences in Media Response & Recruitment. September 2006 to August 2010. (Code R01)
- Co-investigator (PI: Medoff-Cooper), Cardiac Center Pilot Funds, The Children's Hospital of Philadelphia. September 2010 to August 2010. (Code O)
- Co-investigator (PI: A. Bove), AHRQ/DHHS 1R18HS017202-01, Using a Telemedicine System to Promote Patient Care Among Underserved Individuals. September 2007 to August 2010\*. (Code FG) \*Consultant post January 2009.
- Co-investigator (PI: Neiman), Pennsylvania Department of Health, Commonwealth Universal Research Enhancement (C.U.R.E.) Program – Project 2: Identifying Interventions for Cancer Patients at High Risk for Poor Outcomes. January 2010 to June 2010. (Code O)
- Co-investigator (PI: G. Boden), Pennsylvania Department of Health MSA Funds, Community & Internet-Based Treatment for Obese Adults with CVD Risk. June 2006 to May 2010\*. (Code R01) \*Consultant post January 2009.
- Co-investigator (PI: Naylor), National Institutes of Health 5R01AG025524-04, June 2009 to May 2010. (Code R01)
- Statistician (PI: Bowles), National Institutes of Health/NINR R01 NR-008923-04, Promoting Self-Care with Telehomecare: Impact on Outcomes. January 2010 to May 2010. (Code R01)
- Co-investigator (PI: J. Masalko), National Institute of Mental Health RO3MH080820, Cohort Study of Lifecourse Patterns of Religious Service Attendance and Risk of Psychopathology. August 2008 to April 2010\*. (Code PP) \*Consultant post January 2009.
- Statistician (PI: Neiman), Pennsylvania Department of Health, Commonwealth Universal Research Enhancement (C.U.R.E.) Program – Project 1: Factors Associated with Attrition in Radiation Therapy Oncology Trials: A 20 Year Review. January 2010 to January 2010. (Code O)
- Statistician (PI: Molinoff), Pennsylvania Department of Health, Identification of Barriers and Facilitators to Oncology Clinical Trials Recruitment. January 2006 to December 2009. (Code O).
- Co-investigator (PI: Medoff-Cooper), National Institutes of Health/NINR R01 NR/HL02093, Feeding Behaviors and Energy Cost in Infants with CHD. September 2002 to May 2009. (Code R01)

Co-investigator (PI: S. Belenko), National Institutes of Health/DHHS 7 R01 DA020346-03, The Risk of Sexually Transmitted Disease Among Adolescents Involved in the Juvenile Justice System. August 2006 to July 2008. (Code R01)

Co-investigator (PI: S. Lepore), National Institutes of Health/National Cancer Institute 7 R01 CA104223-04, Prostate Cancer Education in African-American Men. September 2004 to June 2008. (Code R01)

Co-investigator (PI: B. Collins), Pennsylvania Department of Health MSA Funds, Behavioral Mechanism of Cue Exposure Treatment for Smoking Relapse Prevention: A Feasibility Trial with Bupropion. August 2006 to January 2008. (Code O)

Co-investigator (PI: J. Gold), National Institutes of Health/National Institute for Occupational Safety and Health K01 OH008134-01A1, Skin Temperature in the Hands of Office Worker. September 2005 to August 2006. (Code TG)

Co-investigator (PI: R. Young), National Institutes of Health P30 CA06927, Comprehensive Cancer Center Program. Core Grant funds, August 2000 to June 2005. (Code PP)

Co-investigator (PI: A. Pollack), National Institutes of Health/DHHS R01 CA101984, Radiation, Hormones & Antisense Prostate Cancer Therapy. September 2003 to June 2005. (Code R01)

Co-Investigator (PI: D. Bruner), Department of Defense DAMD17-02-1-0055. Preferences and Utilities for Prostate Cancer Screening and Treatment: Assessment of the Underlying Decision-Making Process. January 2002 to June 2005. (Code FG)

Co-investigator (PI: D. Bruner), American Cancer Society RPG-00-208-01-CCE, Improving Time Trade-off for Utility Analysis of Prostate Cancer Therapies. July 2000 to June 2004. (Code PG)

Principal Investigator, Department of Defense DAMD17-01-1-0056, Hierarchical Nonlinear Mixed Effect Modeling: Defining Post-Radiation Therapy Relapse in Prostate Cancer Patients. July 2001 to June 2003. (Code FG)

Co-Investigator (PI: D. Bruner), Oncology Nursing Foundation/Amgen Inc, Research Grant, FCCC IRB#97-827. Determination of Preferences and Utilities for the Treatment of Prostate Cancer. May 1998 to May 2000. May 1998 to May 2000. (Code O)

Co-investigator (PI: G. Hanks), National Cancer Institute Research Grant CA65435, Patterns of Care Study in Radiation Oncology. October 1994 to October 1997. (Code PP)

Co-investigator (PI: G. Hanks), National Cancer Institute Contract N01CM87275, Continuation Funds Agency for Health Care Policy and Research. Patterns of Care Study in Radiation Oncology. October 1988 to October 1994. (Code PP)

### **FCCC Clinical Protocols (supported through Fox Chase Cancer Center):**

Co-investigator (PI: K. Altobelli), FCCC 00-844, A Pilot Study Comparing Anxiety Levels of Women Diagnosed with Invasive versus Noninvasive Breast Cancer. October 2000 to July 2005.

Co-investigator (PI: Horwitz), FCCC 97-026, A Phase I Prospective Study of Three-Dimensional Conformal External Beam Radiotherapy and Two Conformal <sup>192</sup>Iridium High-Dose Rate Brachytherapy Boosts for Unfavorable Prostate Cancer with a Prostate Tumor Oxygenation Analysis. March 1998 to July 2005.

Co-investigator (PI: D. Bruner), FCCC 96-091, Development of a Prostate Risk Assessment Program. November 1997 to July 2005.

Co-investigator (PI: A. Konski), FCCC 96-071, A Phase II Study of Hyperfractionated Pre-Op Chemo-Radiation for Locally Advanced Rectal. August 1996 to July 2005.

Co-investigator (PI: B. Movsas), FCCC 95-018, A Phase II Trial of Hyperfractionated Irradiation for Clinically Staged Favorable Hodgkin's Disease. July 1995 to December 1999.

Co-investigator (PI: B. Movsas), FCCC 95-068, A Phase III Trial of Oral Sucralfate Versus Placebo for the Prophylaxis of Acute and Chronic Bowel Dysfunction After Pelvic Irradiation. June 1995 to February 2000.

Co-investigator (PI: L. Coia and R. Lanciano), FCCC 93-040, A Phase I Study of Hyperfractionated Pre-Op Chemo-Radiation for Locally Advanced Rectal. June 1993 to May 1996.

---

## **PUBLICATIONS**

### **Invited Articles:**

Hanlon, A. "The Collaborating Statistician: Publishing in a Peer Review Journal." Stattrak.amstat.org. American Statistical Association. March 1, 2016.  
<http://stattrak.amstat.org/2016/03/01/hanloncollab16/>

### **Peer Reviewed Journal Articles:**

Hanlon A, Pauly M, Huang L, Lozano A, Hirschman K, McCauley K, Press M, Naylor M. (in press) Medical Complexity Mediates Health Care Resource Use in the Socially Vulnerable, *The Journal of Healthcare Management*.

Naylor MD, Hirschman KB, McCauley K, Shaid E, Hanlon AL, Whitehouse CR, Ghosh A, Brown R, Sullivan B, Pauly MV. (2021) MIRROR-TCM: Multisite replication of a randomized controlled trial - Transitional care model. *Contemp Clin Trials*. 2021 Nov 13:106620. doi: 10.1016/j.cct.2021.106620. Epub ahead of print. PMID: 34785306.

Cui N, Raine A, Connolly CA, Richmond TS, Hanlon AL, McDonald CC, Liu J. (2021) P300 Event-Related Potentials Mediate the Relationship Between Child Physical Abuse and Externalizing Behavior. *Front Psychol*. 2021 Nov 1;12:720094. doi: 10.3389/fpsyg.2021.720094. PMID: 34790145; PMCID: PMC8592122.

Crandell I, Rockwell M, Whitehead P, Carter KF, Hanlon A. (2021) Examination of the Moderating Effect of Race on the Relationship between Vitamin D Status and COVID-19 Test Positivity Using Propensity Score Methods. *J Am Coll Nutr*. 2021 Sep 2:1-12. doi: 10.1080/07315724.2021.1948932. [Epub ahead of print] PubMed [citation] PMID: 34473011

Ratnasekera AM, Seng SS, Jacovides CL, Kolb R, Hanlon A, Stawicki SP, Martin ND, Kaufman EJ. (2021) Rising incidence of interpersonal violence in Pennsylvania during COVID-19 stay-at home order. *Surgery*. 2021 Jun 23. pii: S0039-6060(21)00619-X. doi: 10.1016/j.surg.2021.06.024. [Epub ahead of print] PubMed [citation] PMID: 34294449

Golfenshtein N, Hanlon AL, Lozano AJ, Srulovici E, Lisanti AJ, Cui N, Medoff-Cooper B. (2021) Parental Post-traumatic Stress and Healthcare Use in Infants with Complex Cardiac Defects. *J Pediatr*. 2021 Jun 30. pii: S0022-3476(21)00655-7. doi: 10.1016/j.jpeds.2021.06.073. [Epub ahead of print] PubMed [citation] PMID: 34216630



Liu J, Wu L, Um P, Wang J, Kral TVE, Hanlon A, Shi Z. (2021) Breakfast Consumption Habits at Age 6 and Cognitive Ability at Age 12: A Longitudinal Cohort Study. *Nutrients*. 2021 Jun 17;13(6). pii: 2080. doi: 10.3390/nu13062080. PubMed [citation] PMID: 34204553, PMCID: PMC8234310

Golfenshtein N, Hanlon AL, Deatrick JA, Medoff-Cooper B. (2021) Maternal parenting stress changes over the first year of life in infants with complex cardiac defects and in healthy infants. *Cardiol Young*. 2021 Jun 4:1-7. doi: 10.1017/S104795112100216X. [Epub ahead of print] PubMed [citation] PMID: 34082842

Hrubec TC, Seguin RP, Xu L, Cortopassi GA, Datta S, Hanlon AL, Lozano AJ, McDonald VA, Healy CA, Anderson TC, Musse NA, Williams RT. (2021) Altered toxicological endpoints in humans from common quaternary ammonium compound disinfectant exposure. *Toxicol Rep*. 2021 Mar 9;8:646-656. doi: 10.1016/j.toxrep.2021.03.006. eCollection 2021. PubMed [citation] PMID: 33868951, PMCID: PMC8041661

King DR, Entz M 2nd, Blair GA, Crandell I, Hanlon AL, Lin J, Hoeker GS, Poelzing S. (2021) The conduction velocity-potassium relationship in the heart is modulated by sodium and calcium. *Pflugers Arch*. 2021 Mar;473(3):557-571. doi: 10.1007/s00424-021-02537-y. Epub 2021 Mar 4. PubMed [citation] PMID: 33660028, PMCID: PMC7940307

Brawner BM, Jemmott LS, Hanlon AL, Lozano AJ, Abboud S, Ahmed C, Wingood G. (2021) Results from Project GOLD: A pilot randomized controlled trial of a psychoeducational HIV/STI prevention intervention for black youth. *AIDS Care*. 2021 Jun;33(6):767-785. doi: 10.1080/09540121.2021.1874273. Epub 2021 Feb 8. PubMed [citation] PMID: 33550841, PMCID: PMC8494072

McGrath JM, Bromiker R, Hanlon A, McGlothen-Bell K, Medoff-Cooper B. (2021) Correlates and Trajectories of Preterm Infant Sucking Patterns and Sucking Organization at Term Age. *Adv Neonatal Care*. 2021 Apr 1;21(2):152-159. doi: 10.1097/ANC.0000000000000810. PubMed [citation] PMID: 33350705

Richards KC, Allen RP, Morrison J, Fry L, Kovach CR, Rangel A, Loera A, Wang Y, Hanlon AL, Lozano AJ, Bliwise DL. (2021) Nighttime Agitation in Persons with Dementia as a Manifestation of Restless Legs Syndrome. *J Am Med Dir Assoc*. 2021 Jul;22(7):1410-1414. doi: 10.1016/j.jamda.2020.11.026. Epub 2020 Dec 18. PubMed [citation] PMID: 33347845, PMCID: PMC8211902

McCarthy E, Gough BL, Johns MS, Hanlon A, Vaid S, Petrelli N. (2021) A Comparison of Colectomy Outcomes Utilizing Open, Laparoscopic, and Robotic Techniques. *Am Surg*. 2021 Aug;87(8):1275-1279. doi: 10.1177/0003134820973384. Epub 2020 Dec 19. PubMed [citation] PMID: 33345569

Wright EN, Hanlon A, Lozano A, Teitelman AM. (2021) The Association Between Intimate Partner Violence and 30-Year Cardiovascular Disease Risk Among Young Adult Women. *J Interpers Violence*. 2021 Jun;36(11-12):NP6643-NP6660. doi: 10.1177/0886260518816324. Epub 2018 Dec 7. PubMed [citation] PMID: 30522391

McKee KL, Crandell IC, Hanlon AL. (2020). County-Level Social Distancing and Policy Impact in the United States: A Dynamical Systems Model. *JMIR Public Health Surveill*. 2020 Dec 23;6(4):e23902.

- Richards K, Morrison J, Wang YY, Rangel A, Loera A, Hanlon A, Lozano A, Kovach C, Gooneratne N, Fry L, Allen R. (2020). Nighttime Agitation and Restless Legs Syndrome in Persons With Alzheimer's Disease: Study Protocol for a Double-Blind, Placebo-Controlled, Randomized Trial (NightRest). *Res Gerontol Nurs*. 2020 Nov 1;13(6):280-288.
- Chou J, Pellegrin K, Cooke CE, Zarowitz B, Hanlon A, Lozano A, Brandt NJ. (2020). Understanding the Socioeconomic and Geographical Characteristics of Beneficiaries Receiving a Comprehensive Medication Review. *J Manag Care Spec Pharm*. 2020 Oct;26(10):1276-1281.
- Ricco A, Barbera G, Lanciano R, Feng J, Hanlon A, Lozano A, Good M, Arrigo S, Lamond J, Yang J. (2020). Favorable Biochemical Freedom From Recurrence With Stereotactic Body Radiation Therapy for Intermediate and High-Risk Prostate Cancer: A Single Institutional Experience With Long-Term Follow-Up. *Front Oncol*. 2020;10:1505.
- Medoff Cooper B, Marino BS, Fleck DA, Lisanti AJ, Golfenshtein N, Ravishankar C, Costello JM, Huang L, Hanlon AL, Curley MAQ. (2020). Telehealth Home Monitoring and Postcardiac Surgery for Congenital Heart Disease. *Pediatrics*. 2020 Sep;146(3).
- Pomann GM, Boulware LE, Cayetano SM, Desai M, Enders FT, Gallis JA, Gelfond J, Grambow SC, Hanlon AL, Hendrix A, Kulkarni P, Lapidus J, Lee HJ, Mahnken JD, McKeel JP, Moen R, Oster RA, Peskoe S, Samsa G, Stewart TG, Truong T, Wruck L, et al. Methods for training collaborative biostatisticians. *J Clin Transl Sci*. 2020 Aug 4;5(1):e26. doi: 10.1017/cts.2020.518. PubMed [citation] PMID: 33948249, PMCID: PMC8057395
- Ricco A, Barlow S, Feng J, Jacob J, Lozano A, Hanlon A, Arrigo S, Obayomi-Davies O, Lamond J, Yang J, Lanciano R. (2020). Repeat Thoracic Stereotactic Body Radiation Therapy (SBRT) for Non-small Cell Lung Cancer: Long-Term Outcomes, Toxicity, and Dosimetric Considerations. *Adv Radiat Oncol*. 2020 Sep-Oct;5(5):984-993.
- Hirschman KB, Toles MP, Hanlon AL, Huang L, Naylor MD. (2020). What Predicts Health Care Transitions for Older Adults Following Introduction of LTSS?. *J Appl Gerontol*. 2020 Jul;39(7):702-711.
- Petrovsky DV, Hirschman KB, Varrasse McPhillips M, Sefcik JS, Hanlon AL, Huang L, Brewster GS, Hodgson NA, Naylor MD. (2020). Predictors of change over time in subjective daytime sleepiness among older adult recipients of long-term services and supports. *Int Psychogeriatr*. 2020 Jul;32(7):849-861.
- Ratnasekera A, Pulido O, Durgin S, Nichols S, Lozano A, Sienko D, Hanlon A, Martin ND. (2020). Venous thromboembolism after penetrating femoral and popliteal artery injuries: an opportunity for increased prevention. *Trauma Surg Acute Care Open*. 2020;5(1):e000468.
- Patterson F, Mitchell JA, Dominick G, Lozano AJ, Huang L, Hanlon AL. (2020). Does meeting physical activity recommendations ameliorate association between television viewing with cardiovascular disease risk? A cross-sectional, population-based analysis. *BMJ Open*. 2020 Jun 11;10(6):e036507.
- Agawu A, Hanlon AL, Buttenheim AM, Song L, Fiks AG, Feemster KA. (2020). Disparities in Human Papillomavirus Vaccine Series Completion by Adolescent Males: A Retrospective Cohort Study. *Acad Pediatr*. 2020 Apr;20(3):364-373.
- Lach HW, Lozano AJ, Hanlon AL, Cacchione PZ. (2020). Fear of falling in sensory impaired nursing home residents. *Aging Ment Health*. 2020 Mar;24(3):474-480.

Golfenshtein N, Hanlon AL, Deatrick JA, Medoff-Cooper B. (2020). The associations between infant development and parenting stress in infants with congenital heart disease at six and twelve months of age. *J Pediatr Nurs.* 2020 Mar-Apr;51:1-7.

Chase, JD, Russell, D, Huang, L, Hanlon, A, O'Connor, M, Bowles, KH. (2020). Relationships between race/ethnicity and health care utilization among older post- acute home health care patients. *J Appl Gerontol.* 2020 Feb;39(2):201-213.

Travers JL, Hirschman KB, Hanlon AL, Huang L, Naylor MD. (2020). Factors Associated With Perceived Worsened Physical Health Among Older Adults Who Are Newly Enrolled Long-term Services and Supports Recipients. *Inquiry.* 2020 Jan-Dec;57.

Jarvi, S. I., Eamsobhana, P., Quarta, S., Howe, K., Jacquier, S., Hanlon, A., Meyers, M. (2020). Estimating Human Exposure to Rat Lungworm (*Angiostrongylus cantonensis*) on Hawai'i Island: A Pilot Study. *Am J Trop Med Hyg.* 2020 Jan;102(1):69-77.

Golfenshtein, N., Hanlon, A. L., Deatrick, J. A., & Medoff-Cooper, B. (2019). Parenting stress trajectories during infancy in infants with congenital heart disease: Comparison of single-ventricle and biventricular heart physiology. *Congenit Heart Dis.* 2019 Nov;14(6):1113-1122.

Riegel B, Daus M, Lozano AJ, Malone SK, Patterson F, Hanlon AL. (2019). Shift Workers Have Higher Blood Pressure Medicine Use, But Only When They Are Short Sleepers: A Longitudinal UK Biobank Study. *J Am Heart Assoc.* 2019 Oct 15;8(20):e013269.

Riegel B, Hanlon AL, Coe NB, Hirshman KB, Thomas G, Stawnychy M, Wald JW, Bowels KH. (2019). Health coaching to improve self-care of informal caregivers of adults with chronic heart failure- iCare4Me: Study protocol for a randomized controlled trial. *Contemp Clin Trials.* 2019 Oct;85:105845.

Petrovsky DV, Sefcik JS, Hanlon AL, Lozano AJ, Cacchione PZ. (2019). Social Engagement, Cognition, Depression, and Comorbidity in Nursing Home Residents with Sensory Impairment. *Res Gerontol Nurs.* 2019 Sept 1;12(5):217-226.

Hayat MJ, Staggs VS, Schwartz TA, Higgins M, Azuero A, Budhathoki C, Chandrasekhar R, Cook P, Cramer E, Dietrich MS, Garnier-Villarreal M, Hanlon A, He J, Hu J, Kim M, Mueller M, Nolan JR, Perkhounkova Y, Rothers J, Schluck G, Su X, Templin TN, Weaver MT, Yang Q, Ye S. (2019). Moving nursing beyond  $p < .05$ . *Nurs Outlook.* 2019 Sep - Oct;67(5):509-510.

Xiao C, Bruner DW, Dai T, Guo Y, Hanlon A. A Comparison of Missing-Data Imputation Techniques in Exploratory Factor Analysis. (2019). *J Nurs Meas.* 2019 Aug 1;27(2):313-334.

Brewster GS, Hirschman KB, Riegel BJ, Hanlon AL, Huang L, McPhillips MV, Abbott KM, Naylor MD. (2019). Association of health-related quality of life domains with daytime sleepiness among elderly recipients of long-term services and supports. *Geriatr Nurs.* 2019 Jul - Aug;40(4):417-423.

Hayat MJ, Staggs VS, Schwartz TA, Higgins M, Azuero A, Budhathoki C, Chandrasekhar R, Cook P, Cramer E, Dietrich MS, Garnier-Villarreal M, Hanlon A, He J, Hu J, Kim M, Mueller M, Nolan JR, Perkhounkova Y, Rothers J, Schluck G, Su X, Templin TN, Weaver MT, Yang Q, Ye S. (2019). Moving nursing beyond  $p < .05$ . *Int J Nurs Stud.* 2019 Jul;95:A1-A2.

MM, Hirschman KB, Coburn K, Marcantonio S, Hanlon AL, Naylor M, Mauer E, Ulrich C. (2019). End-of-life Health-Care Utilization Patterns Among Chronically Ill Older Adults. *Am J Hosp Palliat Care.* 2019 Jun;36(6):507-512.

Wright, E. N., Hanlon, A., Lozano, A., & Teitelman, A. M. (2019). The impact of intimate partner violence, depressive symptoms, alcohol dependence, and perceived stress on 30-year cardiovascular disease risk among young adult women: A multiple mediation analysis. *Prev Med.* 2019 Apr;121:47-54.

Polonsky HM, Bauer KW, Fisher JO, Davey A, Sherman S, Abel ML, Hanlon A, Ruth KJ, Dale LC, Foster GD. (2019). Effect of a Breakfast in the Classroom Initiative on Obesity in Urban School-aged Children: A Cluster Randomized Clinical Trial. *JAMA Pediatr.* 2019 Apr 1;173(4):326-333.

Greene MZ, Hughes TL, Sommers MS, Hanlon A, Meghani SH. (2019). Association of pregnancy history and cervical cancer screening in a community sample of sexual minority women. *J Womens Health (Larchmt).* 2019 Apr;28(4):526-534.

Riegel B, Huang L, Mikkelsen ME, Kutney-Lee A, Hanlon AL, Murtaugh CM, Bowles KH. (2019). Early post-intensive care syndrome among older adult sepsis survivors receiving home care. *J Am Geriatr Soc.* 2019 Mar;67(3):520-526.

Richards KC, Gooneratne N, Diccico B, Hanlon A, Moelter S, Onen F, Wang Y, Sawyer Weaver T, Lozano A, Carter P, Johnson J. (2019). CPAP Adherence May Slow 1-Year Cognitive Decline in Older Adults with Mild Cognitive Impairment and Apnea. *J Am Geriatr Soc.* 2019 Mar;67(3):558-564.

Greene, M. Z., Hughes, T. L., Hanlon, A., Huang, L., Sommers, M. S., & Meghani, S. H. (2019). Predicting cervical cancer screening among sexual minority women using Classification and Regression Tree analysis. *Prev Med Rep.* 2019 Mar;13:153-159.

Hirschman KB, Toles MP, Hanlon AL, Huang L, Naylor MD. (2019). What Predicts Health Care Transitions for Older Adults Following Introduction of LTSS? *J Appl Gerontol.* 2019 Feb 28.

Brawner BM, Jemmott LS, Wingood G, Lozano AJ, Hanlon AL. (2019). Project GOLD: A pilot randomized controlled trial of a novel psychoeducational HIV/STI prevention intervention for heterosexually-active black youth. *Res Nurs Health.* 2019 Feb;42(1):8-28.

Pellegrin K, Lozano A, Miyamura J, Lynn J, Krenk L, Jolson-Oakes S, Ciarleglio A, McInnis T, Bairos A, Gomez L, Benitez-McCrary M, Hanlon A. (2019). Community-acquired and hospital-acquired medication harm among older inpatients and impact of a state-wide medication management intervention. *BMJ Qual Saf.* 2019 Feb;28(2):103-110.

Mnatzaganian CL, Lozano AJ, Pellegrin KL, Miyamura J, Knox MA, Hanlon AL. (2019). Acute respiratory and cardiovascular outcomes associated with low levels of ambient fine particulate matter (PM<sub>2.5</sub>) on the island of Oahu. In Bui, TX & Sprague, RH (Eds.), *Proceedings of the 52<sup>nd</sup> Hawaii International Conference on System Sciences* (pp.3761-3768).

Varas-Díaz N, Betancourt-Díaz E, Lozano AJ, Huang L, DiNapoli L, Hanlon A, Villarruel AM. (2019). Testing the efficacy of a web-based parent-adolescent sexual communication intervention among Puerto Ricans. *Fam Community Health.* 2019 Jan/Mar;42(1):30-43.

Wright EN, Hanlon A, Lozano A, Teitelman AM. (2018). The association between intimate partner violence and 30-year cardiovascular disease risk among young adult women. *J Interpers Violence.* 2018 Dec 7.

Long AS, Hanlon AL, Pellegrin KL. (2018). Socioeconomic variables explain rural disparities in US mortality rates: Implications for rural health research and policy. *SSM Popul Health.* 2018 Dec;6:72-74.

Chase JD, Hirschman KB, Hanlon AL, Huang L, Bowles KH, Naylor MD. (2018). Physical functioning among older adults new to long-term services and supports. *Gerontologist*. 2018 Nov 3;58(6):1147-1155.

Villarruel AM, Varas-Díaz N, Hanlon A, Betancourt E, Lozano A, DiNapoli L. (2018). Use of web-based parent-adolescent health promotion program among Puerto Ricans. *Nurs Res*. 2018 Nov/Dec;67(6):473-484.

Irving SY, Daly B, Verger J, Typpo KV, Brown AM, Hanlon A, Weiss SL, Fitzgerald JC, Nadkarni VM, Thomas NJ, Srinivasan V. (2018). The association of nutrition status expressed as body mass index z score with outcomes in children with severe sepsis: A secondary analysis from the sepsis prevalence, outcomes, and therapies (SPROUT) study. Sepsis prevalence, outcomes, and therapies (SPROUT) study investigators and pediatric acute lung injury and sepsis investigators (PALISI) network. *Crit Care Med*. 2018 Nov;46(11):e1029-e1039.

You AS, Fukunaga BT, Hanlon AL, Lozano AJ, Goo RA. (2018). The Daniel K. Inouye College of Pharmacy Scripts: The effects of vancomycin use and de-escalation in patients hospitalized with pneumonia. *Hawaii J Med Public Health*. 2018 Oct;77(10):261-267.

Chase JD, Huang L, Russell D, Hanlon A, O'Connor M, Robinson KM, Bowles KH. (2018). Racial/ethnic disparities in disability outcomes among post-acute home care patients. *J Aging Health*. 2018 Oct;30(9):1406-1426.

Pauly MV, Hirschman KB, Hanlon AL, Huang L, Bowles KH, Bradway C, McCauley K, Naylor MD. (2018). Cost impact of the transitional care model for hospitalized cognitively impaired older adults. *J Comp Eff Res*. 2018 Sep;7(9):913-922.

Earl-Royal EC, Kaufman EJ, Hanlon AL, Holena DN, Rising KL, Kit Delgado M. (2018). Corrigendum to factors associated with hospital admission after an emergency department treat and release visit for older adults with injuries. *Am J Emerg Med*. 2018 Sep;36(9):1724-1725.

Ulrich CM, Deshmukh S, Pugh SL, Hanlon A, Grady C, Watkins Bruner D, Curran W. (2018). Attrition in NRG oncology's radiation-based clinical trials. *Int J Radiat Oncol Biol Phys*. 2018 Sep 1;102(1):26-33.

Patterson F, Lozano A, Huang L, Perrett M, Beeson J, Hanlon A. (2018). Towards a demographic risk profile for sedentary behaviours in middle-aged British adults: a cross-sectional population study. *BMJ Open*. 2018 Jul 6;8(7):e019639.

VonHoltz LAH, Frasso R, Golinkoff JM, Lozano AJ, Hanlon A, Dowshen N. (2018). Internet and social media access among youth experiencing homelessness: mixed-methods study. *J Med Internet Res*. 2018 May 22;20(5):e184.

Hanlon A, Small W, Strauss J, Lin LL, Hanisch L, Huang L, Bai J, Wells J, Bruner DW. (2018). Dilator use after vaginal brachytherapy for endometrial cancer: A randomized feasibility and adherence study. *Cancer Nurs*. 2018 May/Jun;41(3):200-209.

Palmer JD, Schneider CJ, Hockstein N, Hanlon AL, Silberg J, Strasser J, Mauer EA, Dzeda M, Witt R, Raben A. (2018). Combination of post-operative radiotherapy and cetuximab for high-risk cutaneous squamous cell cancer of the head and neck: A propensity score analysis. *Oral Oncol*. 2018 Mar;78:102-107.

Ma GX, Lee MM, Tan Y, Hanlon AL, Feng Z, Shireman TI, Rhee J, Wei Z, Wong F, Koh HS, Kim C, York W. (2018). Efficacy of a community-based participatory and multilevel intervention to enhance hepatitis B virus screening and vaccination in underserved Korean Americans. *Cancer*. 2018 Mar 1;124(5):973-982.

Patterson F, Malone SK, Grandner MA, Lozano A, Perkett M, Hanlon A. (2018). Interactive effects of sleep duration and morning/evening preference on cardiovascular risk factors. *Eur J Public Health*. 2018 Feb 1;28(1):155-161.

Chase JD, Lozano A, Hanlon A, Bowles KH. (2018). Identifying factors associated with mobility decline among hospitalized older adults. *Clin Nurs Res*. 2018 Feb;27(1):81-104.

Keddem S, Frasso R, Dichter M, Hanlon A. (2018). The association between pregnancy intention and breastfeeding. *J Hum Lact*. 2018 Feb;34(1):97-105.

MacKenzie MA, Hanlon A. (2018). Health-care utilization after hospice enrollment in patients with heart failure and cancer. *Am J Hosp Palliat Care*. 2018 Feb;35(2):229-235.

Garcia RM, Hanlon A, Small W, Strauss JB, Lin L, Wells J, Bruner DW. (2018). The relationship between body mass index and sexual function in endometrial cancer. *Oncol Nurs Forum*. 2018 Jan 1;45(1):25-32.

Liu J, Cui Y, Li L, Wu L, Hanlon A, Pinto-Martin J, Raine A, Hibbeln JR. (2017). The mediating role of sleep in the fish consumption - cognitive functioning relationship: a cohort study. *Sci Rep*. 2017 Dec 21;7(1):17961.

Golfenshtein N, Hanlon AL, Deatrick JA, Medoff-Cooper B. (2017). Parenting stress in parents of infants with congenital heart disease and parents of healthy infants: The first year of life. *Compr Child Adolesc Nurs*. 2017 Dec;40(4):294-314.

Chirinos DA, Gurubhagavatula I, Broderick P, Chirinos JA, Teff K, Wadden T, Maislin G, Saif H, Chittams J, Cassidy C, Hanlon AL, Pack AI. (2017). Depressive symptoms in patients with obstructive sleep apnea: biological mechanistic pathways. *J Behav Med*. 2017 Dec;40(6):955-963.

Jain S, Gurubhagavatula I, Townsend R, Kuna ST, Teff K, Wadden TA, Chittams J, Hanlon AL, Maislin G, Saif H, Broderick P, Ahmad Z, Pack AI, Chirinos JA. (2017). Effect of continuous positive airway pressure, weight loss, continuous positive airway pressure plus weight loss on central hemodynamics and arterial stiffness. *Hypertension*. 2017 Dec;70(6):1283-1290.

Shukla G, Sarkar A, Hanlon A, Crockett E, Chen HC, Martelli-Raben J, Glick A, Benge B, Lobis M, Terranova S, Desperito T, Cozzolino D, Kemmerer E, Mourtada F, Raben A. (2017). *Brachytherapy*. 2017 May - Jun;16(3):490-496.

Earl-Royal EC, Kaufman EJ, Hanlon AL, Holena DN, Rising KL, Kit Delgado M. (2017). Factors associated with hospital admission after an emergency department treat and release visit for older adults with injuries. *Am J Emerg Med*. 2017 Sep;35(9):1252-1257.

Lenhart CM, Wiemken A, Hanlon A, Perkett M, Patterson F. (2017). Perceived neighborhood safety related to physical activity but not recreational screen-based sedentary behavior in adolescents. *BMC Public Health*. 2017 Sep 18;17(1):722.

Ricco A, Hanlon A, Lanciano R. (2017). Propensity score matched comparison of intensity modulated radiation therapy vs stereotactic body radiation therapy for localized prostate cancer: A survival analysis from the national cancer database. *Front Oncol*. 2017 Aug 31;7:185.

- Knafelz GJ, Barakat LP, Hanlon AL, Hardie T, Knafelz KA, Li Y, Deatrick JA. (2017). Adaptive modeling: An approach for incorporating nonlinearity in regression analyses. *Res Nurs Health*. 2017 Jun;40(3):273-282.
- Stewart JM, Hanlon A, Brawner BM. (2017). Predictors of HIV/AIDS Programming in african american churches: Implications for HIV prevention, testing, and care. *Health Educ Behav*. 2017 Jun;44(3):385-393.
- Malone SK, Patterson F, Lozano A, Hanlon A. (2017). Differences in morning-evening type and sleep duration between Black and White adults: Results from a propensity-matched UK Biobank sample. *Chronobiol Int*. 2017;34(6):740-752.
- O'Connor M, Hanlon A, Mauer E, Meghani S, Masterson-Creber R, Marcantonio S, Coburn K, Van Cleave J, Davitt J, Riegel B, Bowles KH, Keim S, Greenberg SA, Sefcik JS, Topaz M, Kong D, Naylor M. (2017). Identifying distinct risk profiles to predict adverse events among community-dwelling older adults. *Geriatr Nurs*. 2017 May 4. pii: S0197-4572(17)30067-8.
- Toles M, Moriarty H, Coburn K, Marcantonio S, Hanlon A, Mauer E, Fisher P, O'Connor M, Ulrich C, Naylor MD. (2017). Managing chronic illness. *J Appl Gerontol*. 2017 Apr;36(4):462-479.
- Kim J, Pack AI, Riegel BJ, Chirinos JA, Hanlon A, Lee SK, Shin C. (2017). Objective snoring time and carotid intima-media thickness in non-apneic female snorers. *J Sleep Res*. 2017 Apr;26(2):14 150.
- Ahmad S, Ricco A, Brown R, Hanlon A, Yang J, Feng J, Stanley M, Buonocore R, Okpaku A, Arrigo S, Lamond J, Brady L, Lanciano R. (2017). Single institutional experience of stereotactic radiosurgery alone for first brain metastatic event and salvage of second brain metastatic event in a community setting with review of the literature. *Front Oncol*. 2017 Mar 9;7:32.
- Pellegrin KL, Krenk L, Oakes SJ, Ciarleglio A, Lynn J, McInnis T, Bairos AW, Gomez L, McCrary MB, Hanlon AL, Miyamura J. (2017). Reductions in medication-related hospitalizations in older adults with medication management by hospital and community pharmacists: A quasi-experimental study. *J Am Geriatr Soc*. 2017 Jan;65(1):212-219.
- Medoff-Cooper B, Irving SY, Hanlon AL, Golfenshtein N, Radcliffe J, Stallings VA, Marino BS, Ravishankar C. (2016). The Association among feeding mode, growth, and developmental outcomes in infants with complex congenital heart disease at 6 and 12 months of age. *J Pediatr*. Feb;169:154-159.
- Rearden J, Hanlon AL, Ulrich C, Brooks-Carthon M, Sommers M. (2016). Examining differences in opportunity and eligibility for cancer clinical trial participation based on sociodemographic and disease characteristics. *Oncol Nurs Forum*. Jan 1;43(1):57-66.
- Hasan S, Ricco A, Jenkins K, Lanciano R, Hanlon A, Lamond J, Yang J, Feng J, Good M, Noumoff J, Brady L. (2016). Survival and control prognosticators of recurrent gynecological malignancies of the pelvis and para-aortic region treated with stereotactic body radiation therapy. *Front Oncol*. 2016;6: 249.
- Singh A, Bodukam V, Saigal K, Bahl J, Wang Y, Hanlon A, Lu Y, Davis M. (2016). Identifying risk factors associated with inappropriate use of acid suppressive therapy at a community hospital. *Gastroentrol Res Pract*. 2016;7.
- Patterson F, Malone SK, Lozano A, Grandner MA, Hanlon AL. (2016). Smoking, screen-based sedentary behavior, and diet associated with habitual sleep duration and chronotype: Data from the UK Biobank. *Ann Behav Med*. 2016 Oct;50(5):715-726.

Hallowell SG, Rogowski JA, Spatz DL, Hanlon AL, Kenny M, Lake ET. (2016). Factors associated with infant feeding of human milk at discharge from neonatal intensive care: Cross-sectional analysis of nurse survey and infant outcomes data. *Int J Nurs Stud.* Jan;53:190-203.

Ricco A, Manahan G, Lanciano R, Hanlon A, Yang J, Arrigo S, Lamond J, Feng J, Mooreville M, Garber B, Brady L. (2016). The comparison of stereotactic body radiation therapy and intensity-modulated radiation therapy for prostate cancer by NCCN risk groups. *Front Oncol.* 2016 Aug 23;6:184.

Stewart JM, Hanlon A, Brawner BM. (2016). Predictors of HIV/AIDS programming in African American churches: Implications for HIV prevention, testing, and care. *Health Educ Behav.* 2016 Aug 17.

Matura LA, McDonough A, Hanlon AL, Carroll DL. (2016). Developmental and initial validation of the pulmonary arterial hypertension symptom inference scale. *J Nurs Meas.* 2016;24(1):40-53.

Naylor MD, Hirschman KB, Hanlon AL, Bowles KH, Bradway C, McCauley KM, Pauly MV. (2016). Effects of alternative interventions among hospitalized, cognitively impaired older adults. *J Comp Eff Res.* 2016 May;5(3):259-72.

D'Emic N, Engelman A, Molitoris J, Hanlon A, Sharma NK, Moeslein FM, Chuong MD. (2016). Prognostic significance of neutrophil-lymphocyte ratio and platelet-lymphocyte ratio in patients treated with selective internal radiation therapy. *J Gastrointest Oncol.* 2016 Apr;7(2):269-77.

Al Sawah S, Compher CW, Hanlon AL, Lipman TH. (2016). 25-Hydroxyvitamin D and glycemic control: A cross-sectional study of children and adolescents with type 1 diabetes. *Diabetes Res Clin Pract.* 2016 May;115:54-9.

Oliai C, Bernetich M, Brady L, Yang J, Hanlon A, Lamond J, Arrigo S, Good M, Mooreville M, Garber B, Lanciano R. (2016). Propensity score matched comparison of SBRT versus IMRT for the treatment of localized prostate cancer. *J Radiat Oncol.* 2016;5:187-195.

Naylor MD, Hirschman KB, Hanlon AL, Abbott KM, Bowles KH, Foust J, Shah S, Zubritsky C. (2016). Factors associated with changes in perceived quality of life among elderly recipients of long-term services and supports. *J Am Med Dir Assoc.* 2016 Jan;17(1):44-52.

Hess LM, Huang HQ, Hanlon AL, Robinson WR, Johnson R, Chambers SK, Mannel RS, Puls L, Davidson SA, Method M, Lele S, Havrilesky L, Nelson T, Alberts DS. (2015). Cognitive function during and six months following chemotherapy for front-line treatment of ovarian, primary peritoneal or fallopian tube cancer: An NRG oncology/gynecologic oncology group study. *Gynecol Oncol.* Dec;139(3):541-5.

Malone SK, Patterson F, Lu Y, Lozano A, Hanlon A. (2015). Ethnic differences in sleep duration and morning-evening type in a population sample. *Chronobiol Int.* 2015 Dec 10:1-12.

Buttenheim AM, Sethuraman K, Omer SB, Hanlon AL, Levy MZ, Salmon D. (2015). MMR vaccination status of children exempted from school-entry immunization mandates. *Vaccine.* 2015 Nov 17;33(46):6250-6.

Liu J, Cao S, Chen Z, Raine A, Hanlon A, Ai Y, Zhou G, Yan C, Leung PW, McCauley L, Pinto-Martin J; Jintan Cohort Study Group. (2015). Cohort Profile Update: The China Jintan Child Cohort Study. *Int J Epidemiol.* 2015 Oct;44(5):1548-1548I.



Toles M, Moriarty H, Coburn K, Marcantonio S, Hanlon A, Mauer E, Fisher P, O'Connor M, Ulrich C, Naylor MD. (2015). Managing chronic illness: Nursing contact and participant enrollment in a Medicare care coordination demonstration program. *J Appl Gerontol.* 2015 Aug 31.

Fowble B, Park C, Wang F, Peled A, Alvarado M, Ewing C, Esserman L, Foster R, Sbitany H, Hanlon A. (2015). Rates of reconstruction failure in patients undergoing immediate reconstruction with tissue expanders and/or implants and postmastectomy radiation therapy. *Int J Radiat Oncol Biol Phys.* 2015 Jul 1;92(3):634-41.

Heal C, Ding W, Lamond J, Wong M, Lanciano R, Su S, Yang J, Feng J, Arrigo S, Markiewicz D, Hanlon A, Brady L. (2015). Definitive treatment of early-stage non-small cell lung cancer with stereotactic ablative body radiotherapy in a community cancer center setting. *Front Oncol.* 2015 Jun 30;5:146.

Azzam G, Lanciano R, Arrigo S, Lamond J, Ding W, Yang J, Hanlon A, Good M, Brady L. (2015). SBRT: An opportunity to improve quality of life for oligometastatic prostate cancer. *Front Oncol.* 2015 May 5;5:101.

Hasan S, Chen E, Lanciano R, Yang J, Hanlon A, Lamond J, Arrigo S, Ding W, Mikhail M, Ghaneie A, Brady L. (2015). Salvage fractionated stereotactic radiotherapy with or without chemotherapy and immunotherapy for recurrent Glioblastoma Multiforme: A single institution experience. *Front Oncol.* 2015 May 15;5:106.

Martino K, Wagner M, Froh EB, Hanlon AL, Spatz DL. (2015). Postdischarge breastfeeding outcomes of infants with complex anomalies that require surgery. *J Obstet Gynecol Neonatal Nurs.* 2015 Apr 9.

Bowles KH, Chittams J, Heil E, Topaz M, Rickard K, Bhasker M, Tanzer M, Behta M, Hanlon AL. (2015). Successful electronic implementation of discharge referral decision support has a positive impact on 30- and 60-day readmissions. *Res Nurs Health.* 38(2):102-14.

Matura LA, McDonough A, Hanlon AL, Carroll DL. (2015). Development and initial psychometric properties of the Pulmonary Arterial Hypertension Symptom Scale (PAHSS) (2015). *Appl Nurs Res.* 28(1):42-7.

Bernetich M, Oliai C, Lanciano R, Hanlon A, Lamond J, Arrigo S, Yang J, Good M, Feng J, Brown R, Garber B, Mooreville M, Brady LW. (2014). SBRT for the primary treatment of localized prostate cancer: The effect of gleason score, dose and heterogeneity of intermediate risk on outcome utilizing 2.2014 NCCN risk stratification guidelines. 4:312.

Wilmoth MC, Hanlon AL, Ng LS, Bruner DW. (2014). Factor analysis of the modified sexual adjustment questionnaire-male. *J Nurs Meas.* 22(2):241-54.

Chirinos JA, Gurubhagavatula I, Teff K, Rader DJ, Wadden TA, Townsend R, Foster GD, Maislin G, Saif H, Broderick P, Chittams J, Hanlon AL, Pack AI. (2014). CPAP, weight loss, or both for obstructive sleep apnea. *N Engl J Med.* 370(24):2265-75.

Hallowell SG, Spatz DL, Hanlon AL, Rogowski JA, Lake ET. (2014). Characteristics of the NICU work environment associated with breastfeeding support. *Adv Neonatal Care.* 14(4):290-300.

Somanathan S, Jacobs F, Wang Q, Hanlon AL, Wilson JM, Rader DJ. (2014). AAV vectors expressing LDLR gain-of-function variants demonstrate increased efficacy in Mouse Models of Familial Hypercholesterolemia. *Circ Res.* 115(6):591-9.

Moré JM, Eclow NC, Chung MP, Wynne JF, Shorter JH, Nelson DD, Hanlon AL, Burmeister R, Banos P, Maxim PG, Loo BW, Diehn M. (2014). Feasibility and potential utility of multicomponent exhaled breath analysis for predicting development of radiation pneumonitis after stereotactic ablative radiotherapy. *J Thorac Oncol.* 9(7):957-64.

Matura LA, McDonough A, Hanlon AL, Carroll DL, Riegel B. (2014). Sleep disturbance, symptoms, psychological distress, and health-related quality of life in pulmonary arterial hypertension. *Eur J Cardiovasc Nurs.* pii: 1474515114537951.

Naylor MD, Hirschman KB, Hanlon AL, Bowles KH, Bradway C, McCauley KM, Pauly MV. (2014). Comparison of evidence-based interventions on outcomes of hospitalized, cognitively impaired older adults. *J Comp Eff Res.* 3(3):245-57.

Shultz DB, Jang SS, Hanlon AL, Diehn M, Loo BW, Maxim PG. (2014). The effect of arm position on the dosimetry of thoracic stereotactic ablative radiation therapy using volumetric modulated arc therapy. *Pract Radiat Oncol.* 4(3):192-7.

Ali NK, Ferguson RP, Mitha S, Hanlon A. (2014). Do medical trainees feel confident communicating with low health literacy patients? *J Community Hosp Intern Med Perspect.* 14:4.

Chakravorty S, Hanlon AL, Kuna ST, Ross RJ, Kampman KM, Witte LM, Perlis ML, Oslin DW. (2014). The effects of quetiapine on sleep in recovering alcohol-dependent subjects: A pilot study (2014). *J Clin Psychopharmacol.* 2014 Jun;34(3):350-4.

Rhodes KV, Rodgers M, Sommers M, Hanlon A, Crits-Christoph P. (2014). The Social Health Intervention Project (SHIP): Protocol for a randomized controlled clinical trial assessing the effectiveness of a brief motivational intervention for problem drinking and intimate partner violence in an urban emergency department. *BMC Emerg Med.* 14(1):10.

O'Connor M, Hanlon A, Bowles KH. (2014). Impact of frontloading of skilled nursing visits on the incidence of 30-day hospital readmission. *Geriatr Nurs.* 35(2 Suppl):S37-44.

Sawyer AM, King TS, Hanlon A, Richards KC, Sweer L, Rizzo A, Weaver TE. (2014). Risk assessment for CPAP nonadherence in adults with newly diagnosed obstructive sleep apnea: preliminary testing of the Index for Nonadherence to PAP (I-NAP). *Sleep Breath.* 2014 Dec;18(4):875-83.

Kim GJ, Koshy M, Hanlon AL, Horiba MN, Edelman MJ, Burrows WM, Battafarano RJ, Suntharalingam M. (2014). The benefit of chemotherapy in esophageal cancer patients with residual disease after trimodality therapy. *Am J Clin Oncol.* 2016 Apr;39(2):136-41.

Ulrich CM, Zhou QP, Hanlon A, Danis M, Grady C. (2014). The impact of ethics and work-related factors on nurse practitioners' and physician assistants' views on quality of primary healthcare in the United States. *Appl Nurs Res.*

Harris JP, Murphy JD, Hanlon AL, Le QT, Loo BW, Diehn M. (2014). A population-based comparative effectiveness study of radiation therapy techniques in stage III non-small cell lung cancer. *Int J Radiat Oncol Biol Phys.* 88(4):872-84.

Shankar KN, Hirschman KB, Hanlon AL, Naylor MD. (2014). Burden in caregivers of cognitively impaired elderly adults at time of hospitalization: a cross-sectional analysis. *J Am Geriatr Soc.* 62(2):276-84.

Xiao C, Bruner DW, Jennings BM, Hanlon AL. (2014). Methods for examining cancer symptom clusters over time. *Res Nurs Health.* 37(1):65-74.

Mahoney AD, Pinto-Martin J, Hanlon A. (2014). Home environment, brain injury, & school performance in LBW survivors. *MCN Am J Matern Child Nurs.* 39(1):18-25.

Nelson DB, Hanlon A, Nachamkin I, Haggerty C, Mastrogiannis DS, Liu C, Fredricks DN. (2014). Early pregnancy changes in bacterial vaginosis-associated bacteria and preterm delivery. *Paediatr Perinat Epidemiol.* Epub 2014 Jan 9.

Bowles KH, Hanlon A, Holland D, Potashnik SL, Topaz M. (2014). Impact of discharge planning decision support on time to readmission among older adult medical patients. *Prof Case Manag.* 19(1):29-38.

Liu J, Hanlon A, Ma C, Zhao SR, Cao S, Compher C. (2014). Low blood zinc, iron, and other sociodemographic factors associated with behavior problems in preschoolers. *Nutrients.* 6(2):530-45.

Xiao, C, Hanlon A, Zhang Q, Movsas B, Ang K, Rosenthal DI, Nguyen-Tan PF, Kim H, Le Q, Bruner DW. (2014). Risk factors for clinician-reported symptom clusters in patients with advanced head and neck cancer in a phase 3 randomized clinical trial: RTOG 0129. *Cancer.* 120:848–854.

Meghani SH, Chittams J, Hanlon AL, Curry J. (2013). Measuring preferences for analgesic treatment for cancer pain: How do african-americans and whites perform on choice-based conjoint (CBC) analysis experiments? *BMC Med Inform Decis Mak.* 13(1):118.

Radhakrishnan K, Bowles K, Hanlon A, Topaz M, Chittams J. (2013). A retrospective study on patient characteristics and telehealth alerts indicative of key medical events for heart failure patients at a home health agency. *Telemed J E Health.* 19(9):664-70.

Riegel B, Hanlon AL, Zhang X, Fleck D, Sayers SL, Goldberg LR, Weintraub WS. (2013). What is the best measure of daytime sleepiness in adults with heart failure? *J Am Assoc Nurse Pract.* 25(5):272-9.

Polomano RC, Buckenmaier CC 3rd, Kwon KH, Hanlon AL, Rupperecht C, Goldberg C, Gallagher RM. (2013). Effects of low-dose IV ketamine on peripheral and central pain from major limb injuries sustained in combat. *Pain Med.* 14(7):1088-100.

Kuna ST, Benca R, Kushida CA, Walsh J, Younes M, Staley B, Hanlon A, Pack AI, Pien GW, Malhotra A. (2013). Agreement in computer-assisted manual scoring of polysomnograms across sleep centers. *Sleep.* 36(4):583-9.

Malhotra A, Younes M, Kuna ST, Benca R, Kushida CA, Walsh J, Hanlon A, Staley B, Pack AI, Pien GW. (2013). Performance of an automated polysomnography scoring system versus computer-assisted manual scoring. *Sleep.* 36(4):573-82.

Sarkar A, Donavanik V, Zhang I, Chen H, Koprowski C, Hanlon A, Mourtada F, Strasser J, Raben A. (2013). Prostate implant dosimetric outcomes and migration patterns between bio-absorbable coated and uncoated brachytherapy seeds. *Brachytherapy.* 12(4):356-61.

Mahmood U, Hanlon AL, Koshy M, Buras R, Chumsri S, Tkaczuk KH, Cheston SB, Regine WF, Feigenberg SJ. (2012). Increasing national mastectomy rates for the treatment of early stage breast cancer. *Ann Surg Oncol.* 20(5):1436-43.

Xiao C, Hanlon A, Zhang Q, Ang K, Rosenthal DI, Nguyen-Tan PF, Kim H, Movsas B, Bruner DW. (2012). Symptom clusters in patients with head and neck cancer receiving concurrent chemoradiotherapy. *Oral Oncol.* 49(4):360-6.

Steis MR, Evans L, Hirschman KB, Hanlon A, Fick DM, Flanagan N, Inouye SK. (2012). Screening for delirium using family caregivers: convergent validity of the family confusion assessment method and interviewer-rated confusion assessment method. *J Am Geriatr Soc.* 60(11):2121-6.

Guidera M, McCool W, Hanlon A, Schuiling K, Smith A. (2012). Midwives and liability: results from the 2009 nationwide survey of certified nurse-midwives and certified midwives in the United States. *Journal of Midwifery & Women's Health*, 57(4):345-352.

Vandergrift JL, Gold JE, Hanlon A, Punnett L. (2012). Physical and psychosocial ergonomic risk factors for low back pain in automobile manufacturing workers. *Occupational & Environmental Medicine*, 69(1):29-34.

Maselko J, Hayward RD, Hanlon A, Buka S, Meador K. (2012). Religious service attendance and major depression: a case of reverse causality? *American Journal of Epidemiology*, 175(6):576-583.

Patterson F, Seravalli L, Hanlon A, Nelson DB. (2012). Neighborhood safety as a correlate of tobacco use in a sample of urban pregnant women. *Addict Behav.* 37(10):1132-7.

Abbott KM, Bettger JP, Hanlon A, Hirschman KB. (2012). Factors associated with health discussion network size and composition among elderly recipients of long-term services and supports. *Health Commun.* 27(8):784-793.

Sell NK, Giarelli E, Blum N, Hanlon AL, Levy SE. (2012). Comparison of autism spectrum disorder DSM-IV criteria and associated features among african american and white children in Philadelphia County. *Disabil Health J.* 5(1):9-17.

Compher CW, Hanlon A, Kang Y, Elkin L, Williams NN. (2012). Attendance at clinical visits predicts weight loss after gastric bypass surgery. *Obes Surg.* 22(6), 927-934.

Turaka A, Buyyounouski MK, Hanlon AL, Horwitz EM, Greenberg RE, Movsas B. (2012). Hypoxic prostate/muscle po(2) ratio predicts for outcome in patients with localized prostate cancer: long-term results. *Int J Radiat Oncol Biol Phys.* 282(3):433-9.

Hirschman KB, Abbott KM, Hanlon AL, Prvu Bettger J, Naylor MD. (2012). What factors are associated with having an advance directive among older adults who are new to long term care services? *J Am Med Dir Assoc.* 13(1):82.7-11.

Choi JN, Hanlon A, Leffell D. (2011). Melanoma and nevi: detection and diagnosis. *Curr Probl Cancer* 2011; 35: 138-161.

Bowles KH, Hanlon AL, Glick HA, Naylor MD, O'Connor M, Riegel B, Shih NW, Weiner MG. (2011). Clinical effectiveness, access to, and satisfaction with care using a telehomecare substitution intervention: a randomized controlled trial. *Int J Telemed Appl.* Vol 2011 Article ID 540138, 13 pages.

Ward L, Patel NM, Hanlon A, Eldakar-Hein S, Sherlinski K, Ward SH. (2011). Prescription medication borrowing among adult patients at an urban medical center. *J Urban Health.* 88(6):997-1014.

Teitelman AM, Stringer M, Nguyen GT, Hanlon AL, Averbuch T, Stimpfel AW. (2011). Social cognitive and clinical factors associated with HPV vaccine initiation among urban, economically disadvantaged women. *J Obstet Gynecol Neonatal Nurs.* 40(6):691-701.

- Husain ZA, Mahmood U, Hanlon A, Neuner G, Buras R, Tkaczuk K, Feigenberg SJ. (2011). Accelerated partial breast irradiation via brachytherapy: a patterns-of-care analysis with ASTRO consensus statement groupings. *Brachytherapy*. 10(6):479-85.
- Liu J, Ai YX, Hanlon A, Shi Z, Dickerman B, Compher C. (2011). Micronutrients deficiency and associated sociodemographic factors in chinese children. *World J Pediatr*. 7(3):217-23.
- Granda-Cameron C, Hanlon AL, Lynch MP, Houldin A. (2011). Experience of newly diagnosed patients with sarcoma receiving chemotherapy. *Oncol Nurs Forum*. 38(2),160-9.
- Cuellar NG, Hanlon A, Ratcliffe SJ. (2011). The relationship with iron and health outcomes in persons with restless legs syndrome. *Clin Nurs Res*. 20(2):144-61.
- Spiliopoulos M, Kareti A, Jain NJ, Kruse LK, Hanlon A, Dandolu V. (2011). Risk of peripartum hysterectomy by mode of delivery and prior obstetric history: data from a population-based study. *Arch Gynecol Obstet*. 283(6):1261-8.
- Harner H, Hanlon AL, Garfinkel M. (2010). Effect of Iyengar yoga on mental health of incarcerated women: A Feasibility Study. *Nursing Research*. 59(6):389-99.
- Roberts KJ, Lepore SJ, Hanlon AL, Helgeson V. (2010). Genitourinary functioning and depressive symptoms over time In younger versus older men treated for prostate cancer. *Annals of Behavioral Medicine*. 40(3):275-83.
- Bauerle Bass S, Burt Ruzek S, Ward L, Gordon TF, Hanlon A, Hausman AJ, Hagen M (2010). If you ask them, will they come? Predictors of quarantine compliance during a hypothetical avian influenza pandemic: results from a statewide survey. *Disaster Medicine and Public Health Preparedness* 4(2), 135-44.
- Patterson F, Wileyto EP, Segal J, Kurz J, Glanz K, Hanlon A. (2010). Intention to quit smoking: role of personal and family member cancer diagnosis. *Health Education Research*. 25(5), 792-802. Epub 2010 Jun 2.
- Torowicz D, Irving SY, Hanlon AL, Sumpter DF, Medoff-Cooper B. (2010). Infant temperament and parental stress in 3-month-old infants after surgery for complex congenital heart disease. *Journal of Developmental and Behavioral Pediatrics*. 31(3), 202-8.
- Gold JE, Piligian G, Glutting JJ, Hanlon A, Frings-Dresen MH, Sluiter JK. (2010). Cluster analysis of symptoms among patients with upper extremity musculoskeletal disorders. *Journal of Occupational Rehabilitation*. 20(4):526-36.
- Riegel B, Hanlon AL, McKinley S, Moser DK, Meischke H, Doering LV, Davidson P, Pelter MM, Dracup K. (2010). Differences in mortality in acute coronary syndrome symptom clusters. *American Heart Journal*. 195(3), 392-8.
- Hanrahan NP, Aiken LH, McClaine L, Hanlon AL. (2010). Relationship between psychiatric nurse work environments and nurse and nurse burnout in acute care general hospitals. *Issues in Mental Health Nursing*. 31(3), 198-207.
- Ko EC, Koprowski CD, Dickson-Witmer D, Penman E, Sorensen M, Hanlon AL, Sammons S, Frach A, Strasser J. (2010). Partial vs. whole breast irradiation in a community hospital: a retrospective cohort analysis of 200 patients. *Brachytherapy*. 9(3), 248-53.
- Kozin SH, Boardman MJ, Chafetz RS, Williams GR, Hanlon A. (2010). Arthroscopic treatment of internal rotation contracture and glenohumeral dysplasia in children with brachial plexus birth palsy. *Journal of Shoulder & Elbow Surgery*, 19(1),102-10.

Friedenberg FK, Hanlon A, Vanar V, Nehemia D, Mekapati J, Nelson DB, Richter JE. (2010). Trends in gastroesophageal reflux disease as measured by the national ambulatory medical care survey. *Digestive Diseases & Sciences Journal*, 55(7),1911-7.

Meghani SH, Lee CS, Hanlon AL, Bruner D. (2009). Latent class cluster analysis to understand heterogeneity in prostate cancer treatment utilities. *BMC Medical Informatics & Decision Making*, 27(9), 47.

Hausman AJ, Hohl B, Hanlon AL, Becker J, Branas CC, Hayden UT, Thomas N, Fein JA. (2009). Translating community-specified indicators of program success into measurable outcomes. *Journal of Public Health Management & Practice*, 15(6), 22-30.

Benge B, Donavanik V, Sammons S, Glick A, Sarkar A, Townsend M, Hanlon A, Koprowski P, Raben A, Kattepogu K. (2009). 5 year clinical outcomes for organ confined low, intermediate, and high risk prostate cancer treated with PSI +/- ERT: The Christiana health care experience. *Delaware Medical Journal*, 81(5), 189-93.

Gold JE, Cherniack M, Hanlon, A, Dennerlein JT, Dropkin J. (2009). Skin temperature in the dorsal hand of office workers and severity of upper extremity musculoskeletal disorders. *International Archives of Occupational & Environmental Health*, 82(10), 1281-92.

Schulman EA, Peterlin BL, Lake AE, Lipton RB, Hanlon A, Siegel S, Levin M, Goadsby PJ, Markley HG. (2009). Defining refractory Migraine: Results of the RHSIS survey of American Headache Society members. *Headache*, 49(4), 509-18.

Nelson DB, Hanlon A, Hassan, S, Britto J, Geifman-Holtzman O, Haggerty C, Fredricks DN. (2009). Preterm labor and bacterial vaginosis-associated bacteria among urban women. *Journal of Perinatal Medicine*, 37(2),130-4.

Thunfors P, Collins BN, Hanlon AL. (2009). Health behavior interests of adolescents with unhealthy diet and exercise: Implications for weight management. *Health Education Research*, 24(4), 634-45.

Uscher-Pines L, Hanlon AL, Nelson DB. (2009). Racial differences in bacterial vaginosis among pregnant women: The relationship between demographic and behavioral predictors and individual BV-related microorganism levels. *Maternal & Child Health Journal*, 13(4), 512-9.

Trabulsi EJ, Valicenti RK, Hanlon AL, Pisansky TM, Sandler HM, Kuban DA, Catton CN, Michalski JM, Zelefsky MJ, Kupelian PA, Lin DW, Anscher MS, Slawin KM, Roehrborn CG, Forman JD, Liauw SL, Kestin LL, Dewese TL, Scardino PT, Stephenson AJ, Pollack A. (2008). A multi-institutional matched-control analysis of adjuvant and salvage postoperative radiation therapy for pT3-4N0 prostate cancer. *Urology*, 72(6), 1298-302.

Belenko S, Dembo R, Weiland D, Rollie M, Salvatore C, Hanlon A, Childs K. (2008). Recently arrested adolescents are at high risk for sexually transmitted diseases. *Sexually Transmitted Disease Journal*, 35, 758-63.

Hellstrom MK, McClain PK, Schallhorn, RG, Bellis L, Hanlon AL, Ramberg P. (2008). Local minocycline as an adjunct to surgical therapy in moderate to severe, chronic periodontitis. *Journal of Clinical Periodontology*, 35, 525-31.

Mu Z, Hachem P, Hensley H, Stoyanova R, Kwon H, Hanlon AL, Agrawal S, Pollack A. (2008). Antisense MDM2 enhances the response of androgen insensitive human prostate cancer cells to androgen deprivation in vitro and in vivo. *The Prostate*, 68, 599-609.

Friedenberg FK, Palit A, Parkman HP, Hanlon A, Nelson DB. (2008). Botulinum toxin A for the treatment of delayed gastric emptying. *The American Journal of Gastroenterology*, 103, 416-23.

Williams SG, Buyyounouski MK, Pickles T, Kestin L, Martinez A, Hanlon AL, Duchesne GM. (2008). Percentage of biopsy cores positive for malignancy and biochemical failure following prostate cancer radiotherapy in 3264 men: Statistical significance without predictive performance. *International Journal of Radiation Oncology, Biology, & Physics*, 70, 1169-75.

Buyyounouski MK, Hanlon AL, Horwitz EM, Pollack A. (2008). Interval to biochemical failure highly prognostic for distant metastasis and prostate cancer-specific mortality after radiotherapy. *International Journal of Radiation Oncology, Biology, & Physics*, 70, 59-66.

Raben A, Sammons S, Sim S, Chen H, Hanlon A, Sarkar A, Donavanik V, Grebler A, Geltzeiler J, Bengtson B, Glick A, Jacob D, Koprowski, P. (2007). Initial comparison of inverse optimization, modified peripheral technique, and geometric optimization as real-time intraoperative computer planning options for permanent seed implantation of the prostate. *Brachytherapy*, 6, 238-45.

Konski A, Speier W, Hanlon AL, Beck JR, Pollack A. (2007). Is proton beam therapy cost effective in the treatment of adenocarcinoma of the prostate? *Journal of Clinical Oncology*, 25(24), 3603-8.

Morgan PB, Hanlon AL, Horwitz EM, Buyyounouski MK, Uzzo RG, Pollack A. (2007). Timing of biochemical failure and distant metastatic disease for low-, intermediate-, and high-risk prostate cancer after radiotherapy. *Cancer*, 110, 68-80.

Alcantara P, Hanlon AL, Buyyounouski MK, Horwitz EM, Pollack A. (2007). Prostate-specific antigen nadir within 12 months of prostate cancer radiotherapy predicts metastasis and death. *Cancer*, 109, 41-47.

Feng M, Hanlon AL, Pisansky TM, Kuban D, Catton CN, Michalski JM, Zelefsky MJ, Kupelian PA, Pollack A, Kestin LL, Valicenti RK, Dewese TL, Sandler HM. (2007). Predictive Factors for late genitourinary and gastrointestinal toxicity in patients with prostate cancer treated with adjuvant or salvage radiotherapy. *International Journal of Radiation Oncology, Biology, & Physics*, 68, 1417-23.

Eade TN, Hanlon AL, Horwitz EM, Buyyounouski MK, Hanks GE, Pollack A. (2007). What dose of external-beam radiation is high enough for prostate cancer? *International Journal of Radiation Oncology, Biology, & Physics*, 68, 682-9.

Bass SB, Ruzek SB, Gordon TF, Hanlon AL. (2007). Preparedness for a smallpox outbreak: comparing metrics for assessing levels of vaccination among health-care workers by state. *Epidemiology Infection Journal*, 135, 622-33, 2007.

Morgan PB, Hanlon AL, Horwitz EM, Buyyounouski MK, Uzzo RG, Pollack A. (2007). Radiation dose and late failures in prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 67, 1074-81.

D'Ambrosio DJ, Hanlon AL, Al-Saleem T, Feigenberg SJ, Horwitz EM, Uzzo RG, Pollack A, Buyyounouski MK. (2007). The proportion of prostate biopsy tissue with gleason pattern 4 or 5 predicts for biochemical and clinical outcome after radiotherapy for prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 67, 1082-7.

Feigenberg SJ, Hanlon AL, Langer C, Goldberg M, Nicolaou N, Millenson M, Coia LR, Lanciano R, Movsas B. (2007). A phase II study of concurrent carboplatin and paclitaxel and thoracic radiotherapy for completely resected stage II and III A non-small cell lung cancer. *Journal of Thoracic Oncology*, 2, 287-92.

Feigenberg SJ, Hanlon AL, Horwitz EM, Uzzo RG, Eisenberg D. (2006). A prostate specific antigen (PSA) bounce greater than 1.4 ng/mL is clinically significant after external beam radiotherapy for prostate cancer. *American Journal of Clinical Oncology*, 29, 458-62.

Konski A, Watkins-Bruner D, Feigenberg S, Hanlon AL, Kulkarni S, Beck JR, Horwitz EM, Pollack A. (2006). Using decision analysis to determine the cost-effectiveness of intensity-modulated radiation therapy in the treatment of intermediate risk prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 66(2), 408-15, 2006.

Konski A, Eisenberg D, Horwitz E, Hanlon AL, Pollack A, Hanks GE. (2006). Does age matter in the selection of treatment for men with early-stage prostate cancer? *Cancer*, 106(12), 2598-602.

Freedman GM, Anderson PR, Eisenberg DF, Hanlon AL, Wang L, Nicolaou N. (2006). Intensity modulated radiation therapy (IMRT) decreases acute skin toxicity for women receiving radiation for breast cancer. *American Journal of Clinical Oncology*, 29(1), 66-70.

Chawla SN, Crispen PL, Hanlon AL, Greenberg RE, Chen DY, Uzzo RG. (2006). The natural history of observed enhancing renal masses: meta-analysis and review of the world literature. *Journal of Urology*, 175(2), 425-431.

Berger AC, Sigurdson ER, LeVoyer T, Hanlon AL, Mayer RJ, MacDonald JS, Catalano PJ, Haller DG. (2006). Colon cancer survival is associated with decreasing ratio of metastatic to examined lymph nodes. *Journal of Clinical Oncology*, 23(34), 8706-12.

Pollack A, Hanlon AL, Horwitz EM, Feigenberg SJ, Konski AA, Movsas B, Greenberg R.E., Uzzo RG, Ma CM, McNeeley SW, Buyyounouski MK, Price RA. (2006). Dosimetry and preliminary acute toxicity in the first 100 men treated for prostate cancer on a randomized hypofractionation dose escalation trial. *International Journal of Radiation Oncology, Biology & Physics*, 64(2), 518-526.

Siegelmann-Danieli N, Ben-Izhack O, Hanlon AL, Ridge JA, Stein ME, Khandelwal V, Langer CJ. (2005). P53 alteration in oral tongue cancer is not significantly associated with age at diagnosis or tobacco exposure. *Tumori*, 91(4), 346-50.

Diratzouian H, Freedman GM, Hanlon AL, Eisenberg DF, Anderson PR. (2005). Importance of physical examination in the absence of a mammographic abnormality for the detection of early-stage breast cancer. *Clinical Breast Cancer*, 6(4), 330-333.

Buyyounouski MK, Hanlon AL, Eisenberg DF, Horwitz EM, Feigenberg SJ, Uzzo RG, Pollack A. (2005). Defining biochemical failure after radiotherapy with and without androgen deprivation for prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 63(5), 1455-1462.

Andrews SF, Horwitz EM, Feigenberg SJ, Eisenberg DF, Hanlon AL, Uzzo RG, Pollack A. (2005). Does a delay in external beam radiation therapy after tissue diagnosis affect outcome for men with prostate carcinoma? *Cancer*, 104(2), 299-304.

Feigenberg SJ, Hanlon AL, Horwitz EM, Uzzo RG, Eisenberg D, Pollack A. (2005). Long-term androgen deprivation increases grade 2 and higher late morbidity in prostate cancer patients treated with three-dimensional conformal radiation therapy. *International Journal of Radiation Oncology, Biology, & Physics*, 62(2), 397-405.

Freedman GM, Anderson PR, Hanlon AL, Eisenberg DF, Nicolaou N. (2005). Pattern of local recurrence after conservative surgery and whole-breast irradiation. *International Journal of Radiation Oncology, Biology & Physics*, 61, 1328-36.



Buyyounouski MK, Hanlon AL, Horwitz EM, Uzzo RG, Pollack A. (2005). Biochemical failure and the temporal kinetics of prostate-specific antigen after radiation therapy with androgen deprivation. *International Journal of Radiation Oncology, Biology, & Physics*, 61, 1291-8.

Feigenberg SJ, Hanlon AL, Horwitz EM, Uzzo RG, Eisenberg DF, Pollack A. (2005). What pretreatment prostate-specific antigen level warrants long-term androgen deprivation? *International Journal of Radiation Oncology, Biology, & Physics*, 61, 1003-1010.

Goldberg M, Gupta D, Sasson AR, Movsas B, Langer CJ, Hanlon AL, Wang H, Scott WJ, (2005). The surgical management of superior sulcus tumors: a retrospective review with long-term follow-up. *Annals of Thoracic Surgery*, 79, 1174-9.

Konski A, Doss M, Milestone B, Haluszka O, Hanlon A, Freedman G, Adler L. (2005). The integration of 18-fluoro-deoxy-glucose position emission tomography and endoscopic ultrasound in the treatment-planning process for esophageal carcinoma. *International Journal of Radiation Oncology, Biology, & Physics*, 61, 1123-1128.

Jacob R, Hanlon AL, Horwitz EM, Movsas B, Uzzo RG, Pollack A. (2005). Role of prostate dose escalation in patients with greater than 15% risk of pelvic lymph node involvement. *International Journal of Radiation Oncology, Biology, & Physics*, 61, 695-701.

Buyyounouski MK, Hanlon AL, Price RA, Horwitz EM, Feigenberg SJ, Pollack A. (2004). In regard to Selek, et al Erectile dysfunction and radiation dose to penile base structures: a lack of correlation. *IJROBP* 2004;59:1039-1046. *International Journal of Radiation Oncology, Biology, & Physics*, 60, 1664-5; author reply 1666.

Skaleric U, Schara R, Medvescek M, Hanlon A, Doherty F, Lessem J. (2004). Periodontal treatment by arestin and its effects on glycemic control in type 1 diabetes patients. *Journal of the International Academy of Periodontology*, 6(4S), 160-5.

Lessem J, Hanlon A. (2004). A post-marketing study of 2805 patients treated for periodontal disease with arestin. *Journal of the International Academy of Periodontology*, 6(4S), 150-3.

Anderson PR, Hanlon AL, Freedman G, Nicolaou N. (2004). Parity confers better prognosis in older women with early-stage breast cancer treated with breast-conserving therapy. *Clinical Breast Cancer*, 5, 225-31.

Anderson PR, Hanlon AL, Fowble BL, McNeeley SW, Freedman G. (2004). Low complication rates are achievable after postmastectomy breast reconstruction and radiation therapy. *International Journal of Radiation Oncology, Biology, & Physics*, 59, 1080-7.

Kramer NM, Horwitz EM, Uzzo RG, Hanlon AL, Hanks GE. (2004). Matched-cohort analysis of patients with prostate cancer followed with observation or treated with three-dimensional conformal radiation therapy. *British Journal of Urology International*, 94(1), 59-62.

Paquette DW, Hanlon AL, Lessem J, Williams RC. (2004). Clinical relevance of adjunctive minocycline microspheres in patients with chronic periodontitis: secondary analysis of a phase 3 trial. *Journal of Periodontology*, 75(4), 531-6.

Andrews SF, Anderson PR, Eisenberg BL, Hanlon AL, Pollack A. (2004). Soft tissue sarcomas treated with postoperative external beam radiotherapy with and without low-dose-rate brachytherapy. *International Journal of Radiation Oncology, Biology, & Physics*, 59, 475-80.

Chism DB, Hanlon AL, Horwitz EM, Feigenberg SJ, Pollack A. (2004). A comparison of the single and double factor high-risk models for risk assignment of prostate cancer treated with 3D conformal radiotherapy. *International Journal of Radiation Oncology, Biology, & Physics*, 59, 380-5.

Uzzo RG, Brown JG, Horwitz EM, Hanlon AL, Mazzoni S, Konsk A, Greenberg RE, Pollack A, Kolenko V, Watkins-Bruner D. (2004). Prevalence and patterns of self-initiated nutritional supplementation in men at high risk of prostate cancer. *British Journal of Urology International*, 93(7), 955-60.

Buyyounouski MK, Horwitz EM, Uzzo RG, Price RA, McNeeley SW, Azizi D, Hanlon AL, Milestone BN, Pollack A. (2004). The radiation doses to erectile tissues defined with magnetic resonance imaging after intensity-modulated radiation therapy or iodine-125 brachytherapy. *International Journal of Radiation Oncology, Biology, & Physics*, 59, 1383-91.

Buyyounouski MK, Horwitz EM, Hanlon AL, Uzzo RG, Pollack A. (2004). Re: improved clinical staging system combining biopsy laterality and TNM stage for men with T1c and T2 prostate cancer: results from the search database. *Journal of Urology*, 171, 1246-7; author reply 1247.

Buyyounouski MK, Horwitz EM, Price RA, Hanlon AL, Uzzo RG, Pollack A. (2004). Intensity-modulated radiotherapy with MRI simulation to reduce doses received by erectile tissue during prostate cancer treatment. *International Journal of Radiation Oncology, Biology, & Physics*, 58, 743-749.

Hanlon AL, Horwitz EM, Hanks GE, Pollack A. (2004). Short-term androgen deprivation and PSA doubling time: Their association and relationship to disease progression after radiation therapy for prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 58, 43-52.

Jacob R, Hanlon AL, Horwitz EM, Movsas B, Uzzo RG, Pollack A. (2004). The relationship of increasing radiotherapy dose to reduced distance metastases and mortality in men with prostate cancer. *Cancer*, 100, 538-542.

Pollack A, Hanlon AL, Horwitz EM, Feigenberg SJ, Uzzo RG, Hanks GE. (2004). Prostate cancer radiotherapy dose response: An update of the fox chase experience. *Journal of Urology*, 171, 1132-1136.

Bruner DW, Hanlon AL, Mazzoni S, Raysor S, Konski A, Hanks GE, Pollack A. (2004). Predictors of preferences and utilities in men treated with 3D-CRT for prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 58, 34-42.

Nguyen KH, Freedman GM, Hanlon AL, Nicolaou N, Anderson PR. (2003). Smoking cessation confers survival advantage for breast cancer patients treated with conservative surgery and radiation. *International Journal of Radiation Oncology, Biology, & Physics*, 57, S358-359.

Nguyen KH, Horwitz EM, Hanlon AL, Uzzo RG, Pollack A. (2003). Does short-term androgen deprivation substitute for radiation dose in the treatment of high-risk prostate cancer? *International Journal of Radiation Oncology, Biology, & Physics*, 57, 377-383.

Pollack A, Hanlon A, Horwitz EM, Feigenberg S, Uzzo RG, Price RA. (2003). Radiation therapy dose escalation for prostate cancer: a rationale for IMRT. *World Journal of Urology*, 21, 200-208.

Freedman GM, Anderson PR, Goldstein LJ, Hanlon AL, Cianfrocca ME, Millenson MM, von Mehren M, Torosian MH, Boraas MC, Nicolaou N, Patchefsky AS, Evers K. (2003). Routine mammography is associated with earlier stage disease and greater eligibility for breast conservation in breast carcinoma patients age 40 years and older. *Cancer*, 98, 918-925.

Kaminski JM, Hanlon AL, Joon DL, Meistrich M, Hachem P, Pollack A. (2003). Effect of sequencing of androgen deprivation and radiotherapy on prostate cancer growth. *International Journal of Radiation Oncology, Biology, & Physics*, 57, 24-28.

Pollack A, Hanlon AL, Movsas B, Hanks GE, Uzzo R, Horwitz EM. (2003). Biochemical failure as a determinant of distant metastasis and death in prostate cancer treated with radiotherapy. *International Journal of Radiation Oncology, Biology, & Physics*, 57, 19-23.

Buyyounouski MK, Horwitz EM, Hanlon AL, Uzzo RG, Hanks GE, Pollack A. (2003). Positive prostate biopsy laterality and implications for staging. *Urology*, 62, 298-303.

Le Voyer TE, Sigurdson ER, Hanlon AL, Mayer RJ, MacDonald JS, Catalano PJ, Haller DG. (2003). Colon cancer survival is associated with increasing number of lymph nodes analyzed: a secondary survey of intergroup trial INT-0089. *Journal of Clinical Oncology*, 21, 2912-2919.

Chism DB, Hanlon AL, Troncoso P, Al-Saleem T, Horwitz EM, Pollack A. (2003). The Gleason score shift: score four and seven years ago. *International Journal of Radiation Oncology, Biology & Physics*, 56, 1241-1247.

Horwitz EM, Uzzo RG, Hanlon AL, Greenberg RE, Hanks GE, Pollack A. (2003). Modifying the american society for therapeutic radiology and oncology definition of biochemical failure to minimize the influence of backdating in patients with prostate cancer treated with 3-dimensional conformal radiation therapy alone. *Journal of Urology*, 169, 2153-2159.

Pollack A, Horwitz EM, Movsas B, Hanlon AL. (2003). Mindless or mindful? Radiation oncologists' perspectives on the evolution of prostate cancer treatment. *Urologic Clinics of North America*, 30, 337-349.

Joseph NE, Sigurdson ER, Hanlon AL, Wang H, Mayer RJ, MacDonald JS, Catalano PJ, Haller DG. (2003). Accuracy of determining nodal negativity in colorectal cancer on the basis of number of nodes retrieved on resection. *Annals of Surgical Oncology*, 10, 213-218.

Horwitz EM, Mitra RK, Uzzo RG, Das IJ, Pinover WH, Hanlon AL, McNeeley SW, Hanks GE. (2003). Impact of target volume coverage with RTOG 98-05 guidelines for transrectal ultrasound guided permanent I-125 prostate implants. *Radiotherapy & Oncology*, 66, 173-179.

Pinover WH, Hanlon AL, Horwitz EM, Uzzo RG, Hanks GE. (2003). Validation of a treatment policy for patients with prostate specific antigen failure after three-dimensional conformal prostate radiation therapy. *Cancer*, 97, 1127-1133.

Chism D, Horwitz EM, Hanlon AL, Pinover WH, Mitra RK, Hanks GE. (2003). Late morbidity profiles in prostate cancer patients treated to 79-84 by a simple four-field coplanar beam arrangement. *International Journal of Radiation Oncology, Biology, & Physics*, 55, 71-77.

Pingpank JF, Sasson AR, Hanlon AL, Friedman CD, Ridge JA. (2002). Tumor above the spinal accessory nerve in papillary thyroid cancer that involves lateral neck nodes: A common occurrence. *Archives of Otolaryngology- Head & Neck Surgery*, 128, 1275-1278.

Vicini FA, Martinez A, Hanks G, Hanlon A, Miles B, Kernan K, Beyers D, Ragde H, Forman J, Fontanesi J, Kestin L, Kovacs G, Denis L, Slawin K, Scardino P. (2002). An inter-institutional and interspecialty comparison of treatment outcome data for patients with prostate carcinoma based on predefined prognostic categories and minimum follow-up. *Cancer*, 95, 2126-2135.

Hanks GE, Hanlon AL, Epstein B, Horwitz EM. (2002). Dose response in prostate cancer with 8-12 years follow-up. *International Journal of Radiation Oncology, Biology, & Physics*, 54, 427-435.

Movsas B, Chapman JD, Hanlon AL, Horwitz EM, Greenberg RE, Stobbe C, Hanks GE, Pollack A. (2002). Hypoxic prostate/muscle pO<sub>2</sub> ratio predicts for biochemical failure in patients with prostate cancer: Preliminary findings. *Urology*, 60, 634-639.

Freedman G, Hanlon AL, Fowble B, Anderson PR, Nicolaou N. (2002). Recursive partitioning identifies patients at high and low risk for ipsilateral tumor recurrence after breast-conserving surgery and radiation. *Journal of Clinical Oncology*, 20, 4015-4021.

Mah D, Freedman G, Milestone B, Hanlon A, Palacio E, Richardson T, Movsas B, Mitra R, Horwitz E, Hanks GE. (2002). Measurement of intrafractional prostate motion using magnetic resonance imaging. *International Journal of Radiation Oncology, Biology, & Physics*, 54, 568-575.

Mah D, Steckner M, Hanlon A, Freedman G, Milestone B, Mitra R, Shukla H, Movsas B, Horwitz E, Vaisanen PP, Hanks GE. (2002). MRI simulation: Effect of gradient distortions on three-dimensional prostate cancer plans. *International Journal of Radiation Oncology, Biology, & Physics*, 53, 757-765.

Kramer NM, Hanlon AL, Horwitz EM, Pinover WH, Hanks GE. (2002). Biochemical failure rates in prostate cancer patients predicted to have biologically insignificant tumors treated with three-dimensional conformal radiation therapy. *International Journal of Radiation Oncology, Biology, & Physics*, 53, 277-281.

Simpson PJ, Miller I, Moon C, Hanlon AL, Liebl DJ, Ronnett GV. (2002). Atrial natriuretic peptide type C induces a cell-cycle switch from proliferation to differentiation in brain-derived neurotrophic factor- or nerve growth factor-primed olfactory receptor neurons. *Journal of Neuroscience*, 22, 5536-5551.

Hanlon AL, Diratzouian H, Hanks GE. (2002). Post-treatment PSA nadir is highly predictive of distant failure and ultimate death due to prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 53, 297-303.

Fowble B, Hanlon AL, Freedman G, Nicolaou N, Anderson PR. (2001). Second cancers after conservative surgery and radiation for stages I-II breast cancer: Identifying a subset of women at increased risk. *International Journal of Radiation Oncology, Biology, & Physics*, 51, 679-690.

Kaminskim JM, Hanlon AL, Horwitz EM, Pinover WH, Mitra RK, Hanks GE. (2002) Relationship between prostate volume, prostate-specific antigen nadir, and biochemical control. *International Journal of Radiation Oncology, Biology, & Physics*, 52, 888-892.

Winter DL, Hanlon AL, Raysor SL, Watkins-Bruner DW, Pinover WH, Hanks GE, Tricoli JV. (2001). Plasma levels of IGF-1, IGF-2 and IGF-3 in white and african-american men at increased risk for prostate cancer. *Urology*, 58, 614-618.

Movsas B, Chapman JD, Hanlon AL, Horwitz EM, Pinover WH, Greenberg RE, Stobbe C, Hanks GE. (2001). Hypoxia in human prostate carcinoma: An eppendorf PO<sub>2</sub> study. *American Journal of Clinical Oncology*, 24, 458-461.

Horwitz EM, Hanlon AL, Pinover WH, Anderson PR, Hanks, GE. (2001). Defining the optimal radiation dose with 3D conformal radiation therapy for patients with non-metastatic prostate cancer using recursive partitioning techniques. *Cancer*, 92, 1281-1287.

Mah D, Steckner M, Hanlon A, Freedman G, Milestone B, Mitra R, Shukla H, Movsas B, Horwitz E, Vaisanen PP, Hanks GE. (2002). MRI simulation: Effect of gradient distortions on three-dimensional prostate cancer plans. *International Journal of Radiation Oncology, Biology, & Physics*, 53, 757-765.

Mah D, Freedman G, Movsas B, Hanlon AL, Mitra R, Horwitz EM, Pinover WH, Iyer R, Hanks GE. (2001). To move or not to move: Measurements of prostate motion by urethrography using MRI. *International Journal of Radiation Oncology, Biology, & Physics*, 50, 947-951.

Hanlon AL, Pinover WH, Horwitz EM, Hanks GE. (2001). Patterns and fate of PSA bouncing following 3DCRT. *International Journal of Radiation Oncology, Biology, & Physics*, 50, 845-849.

Hanks GE, Hanlon AL, Horwitz EM. (2001). Evidence for cure of young men with prostate cancer. *Oncology*, 15, 563-570.

Sasson A, Fowble B, Torosian M, Freedman G, Hanlon AL, Boraas M, Sigurdson E, Hoffman J, Eisenberg B. (2001). Lobular carcinoma in situ increases risk of local recurrence in patients treated with breast conservation. *Cancer*, 91, 1862-1869.

Cvetkovic D, Movsas B, Dicker AP, Hanlon AL, Greenberg RE, Chapman JD, Hanks GE, Tricoli JV. (2001). Increased hypoxia correlates with increased expression of the angiogenesis marker VEGF in human prostate cancer. *Urology*, 57, 821-825.

Hanlon AL, Bruner DW, Peter R, Hanks GE. (2001). Quality of life study in prostate cancer patients treated with three-dimensional conformal radiation therapy: Comparing late bowel and bladder quality of life symptoms to that of the normal population. *International Journal of Radiation Oncology, Biology, & Physics*, 49, 51-59.

Jordan JJ, Hanlon AL, Al-Saleem TI, Greenberg RE, Tricoli JV. (2001). Loss of the short arm of the Y chromosome in human prostate carcinoma. *Cancer Genetics & Cytogenetics*, 124, 122-126.

Sasson AR, Pingpank JF, Wetherington RW, Hanlon AL, Ridge JA. (2001). Incidental parathyroidectomy during thyroid surgery does not cause transient symptomatic hypocalcemia. *Archives of Otolaryngology-Head & Neck Surgery*, 127, 304-308.

Movsas B, Chapman JD, Greenberg RE, Hanlon AL, Horwitz EM, Pinover WH, Stobbe C, Hanks GE. (2000). Increasing levels of hypoxia in human prostate carcinoma correlate significantly with increasing clinical stage and age: An Eppendorf pO<sub>2</sub> Study. *Cancer*, 89, 2018-2024.

Anderson PR, Hanlon AL, Horwitz EM, Pinover WH, Hanks GE. (2000). Outcome and predictive factors for patients with gleason score 7 prostate carcinoma treated with three-dimensional conformal external beam radiation therapy. *Cancer*, 89, 2565-2569.

Lattanzi JP, McNeeley SW, Donnelly S, Palacio E, Hanlon AL, Schultheiss TE, Hanks GE. (2000). Ultrasound-based stereotactic guidance in prostate cancer-quantification of motion and set-up errors in external beam radiation therapy. *Computer Aided Surgery*, 5, 289-295.

- Lattanzi JP, McNeeley SW, Hanlon AL, Schultheiss TE, Hanks GE. (2000). Ultrasound-based stereotactic guidance of precision conformal external beam radiation therapy in clinically localized prostate cancer. *Urology*, 55, 73-78.
- Padmore RF, Fowble B, Hoffman J, Rosser C, Hanlon AL, Patchefsky AS. (2000). Microinvasive breast carcinoma: Clinicopathologic analysis of a single institutional experience. *Cancer*, 88, 1403-1409.
- Pinover WH, Hanlon AL, Horwitz EM, Hanks GE. (2000). Defining the appropriate dose for pretreatment PSA <10 ng/ml. *International Journal of Radiation Oncology, Biology, & Physics*, 47, 649-654.
- Iyer R, Hanlon AL, Fowble B, Freedman G, Nicolaou N, Anderson P, Hoffman JP, Sigurdson E, Boraas M, Torosian M. (2000). Accuracy of the extent of axillary nodal positivity related to primary tumor size, number of involved nodes and number of nodes examined. *International Journal of Radiation Oncology, Biology, & Physics*, 47, 1177-1183.
- Fowble B, Hanlon AL, Freedman G, Nicolaou N, Hoffman J, Sigurdson E, Boraas M, Torosian M, Goldstein L. (2000). Internal mammary node irradiation does not decrease distant metastases or improve survival in stage I and II breast cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 47, 883-894.
- Hanlon AL, Hanks GE. (2000). Failure pattern implications following external beam irradiation of prostate cancer: Long term follow-up and indications of cure. *Cancer*, S2, S193-S197.
- Hanks GE, Hanlon AL, Pinover WH, Horwitz EM, Price RA, Schultheiss TE. (2000). Dose selection for prostate cancer patients based on dose comparison and dose response studies. *International Journal of Radiation Oncology, Biology, & Physics*, 46, 823-832.
- Hanlon AL, Hanks GE. (2000). Failure patterns and hazard rates for failure suggest the cure of prostate cancer by external beam radiation. *Urology*, 55, 725-729.
- Hanlon AL, Hanks, GE. (2000). Scrutiny of the ASTRO consensus definition of biochemical failure in irradiated prostate cancer patients demonstrates its usefulness and robustness. *International Journal of Radiation Oncology, Biology, & Physics*, 46, 559-556.
- Horwitz EM, Hanlon AL, Pinover WH, Hanks GE. (1999). Is there a role for short-term hormone use in the treatment of non-metastatic prostate cancer? *Radiation Oncology Investigations*, 7, 249-259.
- Algan O, Pinover WH, Hanlon AL, Al-Saleem TI, Hanks GE. (1999). Is there a subset of patients with PSA  $\geq$ 20 ng/ml who do well after conformal beam radiotherapy? *Radiation Oncology Investigations*, 7, 106-110.
- Hanks GE, Hanlon AL, Pinover WH, Horwitz EM, Schultheiss TE. (1999). Survival advantage for prostate cancer patients treated with high dose three dimensional conformal radiotherapy. *The Cancer Journal from Scientific American*, 5, 152-158.
- Tricoli JV, Winter DL, Hanlon AL, Raysor SL, Watkins-Bruner D, Pinover WH, Hanks GE. (1999). Racial differences in insulin-like growth factor binding protein 3 in men at increased risk for prostate cancer. *Urology*, 54, 178-182.
- Movsas B, Chapman JD, Horwitz EM, Pinover WH, Greenberg RE, Hanlon AL, Iyer R, Hanks GE. (1999). Hypoxic regions exist in human prostate carcinoma. *Urology*, 53, 11-18.

Iyer RV, Hanlon AL, Pinover WH, Hanks GE. (1999). Outcome evaluation of the 1997 american joint committee on cancer staging system for prostate carcinoma treated by radiation therapy. *Cancer*, 85, 1816-1821.

Fowble BL, Hanlon AL, Freedman GM, Nicolaou N, Kessler H, Patchefsky A, Hoffman JP, Sigurdson ER, Boraas M, Goldstein LJ. (1999). Postmenopausal hormone replacement therapy (HRT): Effect on diagnosis and outcome in early stage invasive breast cancer treated with conservative surgery and radiation. *Journal of Clinical Oncology*, 17, 1680-1688.

Horwitz EM, Hanlon AL, Pinover WH, Hanks GE. (1999). The cost-effectiveness of 3D conformal Radiation therapy compared with conventional techniques for patients with clinically localized prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 45, 1219-1225.

Freedman GM, Fowble BL, Hanlon AL, Fein DA, Nicolaou N, Hoffman JP, Sigurdson ER, Boraas M, Goldstein LJ. (1999). Patients with early stage invasive cancer with close or positive margins treated with conservative surgery and radiation have an increased risk of breast recurrence that is delayed by adjuvant systemic therapy. *International Journal of Radiation Oncology, Biology, & Physics*, 44, 1005-1015.

Herold DM, Hanlon AL, Hanks GE. (1999). Diabetes mellitus: A predictor for late radiation morbidity. *International Journal of Radiation Oncology, Biology, & Physics*, 43, 475-479.

Horwitz EM, Hanlon AL, Hanks GE. (1998). Update on the treatment of prostate cancer with external beam irradiation. *The Prostate*, 37, 195-206.

Hanlon AL, Hanks GE. (1998). Patterns of inheritance and outcome in prostate cancer. *Urology*, 52, 735-738.

Green GA, Hanlon AL, Al-Saleem TI, Hanks GE. (1998). A gleason score of 7 predicts for a worse outcome in patients treated with conformal 3-D radiotherapy for prostate cancer. *Cancer*, 83, 971-976.

Wurzer JC, Al-Saleem TI, Hanlon AL, Freedman GM, Patchefsky A, Hanks GE. (1998). Histopathologic reviews of prostate biopsies from patients referred to a comprehensive cancer center: Correlation of pathologic findings, analysis of cost, and impact on treatment. *Cancer*, 83, 753-759.

Hanlon AL, Moore DF, Hanks GE. (1998). Modeling post-radiation PSA level kinetics: Predictors of rising post-nadir slope suggest cure in men who remain biochemically free of prostate cancer. *Cancer*, 83, 130-134.

Herold DM, Hanlon AL, Movsas B, Hanks GE. (1998). Age-related prostate cancer metastases. *Urology*, 51, 985-990.

Fowble BL, Hanlon AL, Patchefsky A, Hoffman JP, Sigurdson ER, Goldstein LJ. (1998). The presence of proliferative breast disease with atypia does not influence outcome in invasive breast cancer treated with conservative surgery and radiation. *International Journal of Radiation Oncology, Biology, & Physics*, 42, 105-115.

Movsas B, Hanlon AL, Lanciano RM, Scher RM, Weiner LM, Sigurdson ER, Hoffman JP, Cooper HS, Provins S, Coia LR. (1998). Phase I dose escalating trial of hyperfractionated pre-operative chemo-radiation for locally advanced rectal cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 42, 43-50.

Anderson PR, Hanlon AL, Patchefsky A, Al-Saleem T, Hanks GE. (1998). Perineural invasion and gleason 7-10 tumors predict increased failure in prostate cancer patients with pretreatment PSA <10 ng/ml treated with conformal external beam radiation therapy. *International Journal of Radiation Oncology, Biology, & Physics*, 41, 1087-1092.

Lattanzi JP, McNeeley SW, Hanlon AL, Das I, Schultheiss TE, Hanks GE. (1998). Daily CT localization for correcting portal errors in the treatment of prostate cancer. (1998). *International Journal of Radiation Oncology, Biology, & Physics*, 41, 1079-1086.

Freedman GM, Fowble FL, Hanlon AL, Myint MA, Hoffman JP, Sigurdson ER, Eisenberg BL, Goldstein LJ, Fein DA. (1998). A close or positive margin after mastectomy is not an indication for chest wall irradiation except in women aged fifty or younger. *International Journal of Radiation Oncology, Biology, & Physics*, 41, 599-605.

Horwitz EM, Hanlon AL, Pinover WH, Hanks GE. (1998). The treatment of non-palpable PSA detected adenocarcinoma of the prostate with 3-dimensional conformal radiation therapy. *International Journal of Radiation Oncology, Biology, & Physics*, 41, 519-524.

Hanks GE, Hanlon AL, Schultheiss TE, Pinover WH, Movsas B, Epstein BE, Hunt MA. (1998). Dose escalation with 3-D conformal treatment: Five year outcomes, treatment optimization and future directions. *International Journal of Radiation Oncology, Biology, & Physics*, 41, 501-510.

Katz A, Hanlon AL, Lanciano RM, Hoffman JP, Coia LR. (1998). Prognostic value of CA 19-9 levels in patients with carcinoma of the pancreas treated with radiotherapy. *International Journal of Radiation Oncology, Biology, & Physics*, 41, 393-396.

Movsas B, Hanlon AL, Hanks GE. (1998). Is there an increased risk of second primaries following prostate irradiation? *International Journal of Radiation Oncology, Biology, & Physics*, 41, 251-256.

Siegelmann-Danieli N, Hanlon AL, Ridge JA, Padmore R, Fein DA, Langer CJ. (1998). Oral tongue cancer in thirty young individuals: Institutional experience and comparison with older patients. *Journal of Clinical Oncology*, 16, 745-753.

Freedman GM, Fowble BL, Hanlon AL, Fein DA, Hoffman JP, Sigurdson ER, Goldstein LJ. (1997). Post-mastectomy radiation and adjuvant systemic therapy: Outcomes in high risk women with stage II-III breast cancer and assessment of clinical, pathologic and treatment-related factors influencing local-regional control. *The Breast Journal*, 3, 337-344.

Fein DA, Fowble BL, Hanlon AL, Hooks MA, Hoffman JP, Sigurdson ER, Jardines LA, Eisenberg BL. (1997). Identification of a group of women with T1-T2 breast cancer at low risk for positive axillary nodes. *Journal of Surgical Oncology*, 65, 34-39.

Hanks GE, Hanlon AL, Schultheiss TE, Freedman GM, Hunt MA, Pinover WH, Movsas B. (1997). Conformal external beam treatment of prostate cancer. *Urology*, 50, 87-92.

Fein DA, Hanlon AL, Lee WR, Ridge JA, Coia LR. (1997). Neck failure in T2N0 squamous cell carcinoma of the true vocal cords: The fox chase experience and review of the literature. *American Journal of Clinical Oncology*, 20, 154-157.

Movsas B, Hanlon AL, Teshima T, Hanks GE. (1997). Analyzing predictive models following definitive radiotherapy for prostate cancer. *Cancer*, 80, 1093-1102.

Bonin SF, Hanlon AL, Lee WR, Movsas B, Al-Saleem TI, Hanks GE. (1997). Evidence of increased failure in the treatment of prostate carcinoma patients who have perineural invasion treated with three-dimensional conformal radiation therapy. *Cancer*, 79, 75-80.



Lee WR, Hanks GE, Hanlon AL, Schultheiss TE. (1997). Rising PSA profile following definitive radiation therapy for localized prostate cancer: Clinical observations. *Journal of Clinical Oncology*, 15, 230-238.

Hanks GE, Hanlon AL, Pinover WH, Al-Saleem TI, Schultheiss TE. (1997). Radiation therapy as treatment for stage T1C prostate cancers. *World Journal of Urology*, 15, 369-372.

Smith AR, Gerber RL, Hughes DB, Kline RW, Kutcher GJ, Ling CC, Hanlon AL, Owen JB, Hanks GE. (1997). Assessment of physics quality assurance in united states radiotherapy facilities and comparison with american college of radiology standard for radiation oncology physics for external beam therapy. *Seminars in Radiation Oncology*, 7, 157-162.

Herold DH, Hanlon AL, Movsas B, Hanks GE. (1997). Post-treatment PSA nadirs support continuing dose escalation study in patients with pretreatment PSA levels  $\geq 10$  ng/ml, but not in those with PSA  $< 10$  ng/ml. *Radiation Oncology Investigations*, 5, 15-19.

Anderson PR, Hanlon AL, Movsas B, Hanks GE. (1997). Androgen deprivation improves bNED survival in specific subsets of prostate cancer patients treated with external beam radiation therapy. *International Journal of Radiation Oncology, Biology, & Physics*, 39, 1025-1030.

Teshima T, Hanks GE, Hanlon AL, Peter RS, Schultheiss TE. (1997). Rectal bleeding after conformal 3D treatment of prostate cancer: Time to occurrence, response to treatment, and duration of morbidity. *International Journal of Radiation Oncology, Biology, & Physics*, 39, 77-83.

Fowble BL, Hanlon AL, Fein DA, Hoffman JP, Sigurdson ER, Patchefsky A, Kessler H. (1997). Results of conservative surgery and radiation for mammographically detected ductal carcinoma In-Situ (DCIS). *International Journal of Radiation Oncology, Biology, & Physics*, 38, 949-957.

Lattanzi J, Hanlon AL, Hanks GE. (1997). Early stage prostate cancer treated with radiation therapy: Stratifying an intermediate risk group. *International Journal of Radiation Oncology, Biology, & Physics*, 38, 569-574.

Hanlon AL, Schultheiss TE, Hunt MA, Movsas B, Peter RS, Hanks GE. (1997). Chronic rectal bleeding after high dose conformal treatment of prostate cancer warrants modification of existing Morbidity Scales. *International Journal of Radiation Oncology, Biology, & Physics*, 38, 59-63.

Hanks GE, Schultheiss TE, Hanlon AL, Hunt MA, Lee WR, Epstein BE, Coia LR. (1997). Optimization of conformal radiation treatment of prostate cancer: Report of a dose escalation study. *International Journal of Radiation Oncology, Biology, & Physics*, 37, 543-550.

Kline RW, Coia LR, Smith AR, Owen JB, Hanlon AL, Wallace M, Hanks GE. (1997). Treatment planning for adenocarcinoma of the rectum and sigmoid: A patterns of care study. *International Journal of Radiation Oncology, Biology, & Physics*, 37, 305-311.

McGee KP, Fein DA, Hanlon AL, Schultheiss TE, Fowble BL. (1997). The value of setup portal films as an estimate of a patient's position throughout fractionated tangential breast irradiation: An on-line study. *International Journal of Radiation Oncology, Biology, & Physics*, 37, 223-228.

Schultheiss TE, Lee WR, Hunt MA, Hanlon AL, Peter RS, Hanks GE. (1997). Late GI and GU complications in the treatment of prostate cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 37, 3-11.

- Pinover WH, Hanlon AL, Lee WR, Kaplan EJ, Hanks GE. (1996). Prostate cancer patients upstaged by imaging and treated with irradiation: An outcome-based analysis. *Cancer*, 77, 1334-1341.
- Hanks GE, Hanlon AL, Hudes G, Lee WR, Suasin W, Schultheiss TE. (1996). Patterns-of-failure analysis of patients with high pretreatment PSA treated by radiation therapy: The need for improved systemic and loco-regional treatment. *Journal of Clinical Oncology*, 14, 1093-1097.
- Lee WR, Hanlon AL, Hanks GE. (1996). Prostate specific antigen nadir following external beam radiation therapy for clinically localized prostate cancer: The relationship between nadir level and disease-free survival. *Journal of Urology*, 156, 450-453.
- Hood-Hanks S, Hanlon AL, Hanks GE. (1996). Quantitating regrowth delay of prostate cancers after failure of radiation therapy. *Radiology*, 200, 505-508.
- Lee WR, Hanlon AL, Hanks GE. (1996). Systematic biopsies: Do they add prognostic information in men with clinically localized prostate cancer treated with radiation therapy alone? *Radiology*, 198, 439-442.
- Lee WR, Hanks GE., Hanlon AL, Schultheiss TE. (1996). Pretreatment serum prostate-specific antigen (PSA) level and PSA doubling times (PSADT) in black and white men with prostate cancer referred for radiation therapy. *Radiation Oncology Investigations*, 4, 135-139.
- Lee WR, Schultheiss TE, Hanlon AL, Hanks GE. (1996). Urinary incontinence following external beam radiotherapy for clinically localized prostate cancer. *Urology*, 48, 95-99.
- Lee WR, Hanlon AL, Hank GE. (1996). Do the results of systematic biopsies predict outcome in patients with T1-T2 prostate cancer treated with radiation therapy alone? *Urology*, 47, 704-707.
- Kutcher GJ, Smith AR, Fowble BF, Gerber RL, Hughes DB, Kline RW, Ling CC, Owen JB, Hanlon AL, Wallace M, Hanks GE. (1996). Treatment planning for primary breast cancer: A patterns of care study. *International Journal of Radiation Oncology, Biology, & Physics*, 36, 731-737.
- Fein DA, Hanlon AL, Corn B, Curran WJ, Coisa LR. (1996). The influence of lymphangiography on the development of hypothyroidism in patients irradiated for hodgkin's disease. *International Journal of Radiation Oncology, Biology, & Physics*, 36, 13-18.
- Algan O, Tabesh T, Hanlon AL, Hogan WM, Boente, M, Lanciano RM. (1996). Superior outcome in patients treated with postoperative radiation therapy for pathologic stage I/II endometrial cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 35, 925-933.
- Hanks GE, Lee WR, Hanlon AL, Hunt MA, Kaplan E, Epstein BE, Movsas B, Schultheiss TE. (1996). Conformal technique dose escalation for prostate cancer: Biochemical evidence of improved cancer control with higher doses in patients with pretreatment prostate-specific antigen  $\geq 10$  ng/mL. *International Journal of Radiation Oncology, Biology, & Physics*, 35, 861-868.
- Fowble BL, Fein DA, Hanlon AL, Eisenberg BL, Hoffman JP, Sigurdson ER, Daly MB, Goldstein LJ. (1996). The impact of tamoxifen on breast recurrence, cosmesis, complications, and survival in estrogen receptor positive early stage breast cancer. *International Journal of Radiation Oncology, Biology, & Physics*, 35, 669-677.

Lee WR, Hanks GE, Hanlon AL, Schultheiss TE, Hunt MA. (1996). Lateral rectal shielding reduces late rectal morbidity following high dose three-dimensional conformal radiation therapy for clinically localized prostate cancer: Further evidence for a significant dose effect. *International Journal of Radiation Oncology, Biology, & Physics*, 35, 251-257.

Freedman GM, Hanlon AL, Lee WR, Hanks GE. (1996). Young patients with prostate cancer have an outcome justifying their treatment with external beam radiation. *International Journal of Radiation Oncology, Biology, & Physics*, 35, 243-250.

Fein DA, Fowble BL, Hanlon AL, Hoffman JP, Sigurdson ER, Eisenberg BL. (1996). Does the placement of surgical clips within the excision cavity influence local control for patients treated with breast conserving surgery and irradiation? *International Journal of Radiation Oncology, Biology, & Physics*, 34, 1009-1017.

Fein DA, Lee WR, Hanlon AL, Ridge JA, Curran WJ, Coia LR. (1996). Do overall treatment time, field size and treatment energy influence local control of T1-T2 squamous cell carcinomas of the glottic larynx? *International Journal of Radiation Oncology, Biology, & Physics*, 34, 823-831.

Hanks GE, Hanlon AL, Lee WR, Slivjak A, Schultheiss TE. (1996). Pretreatment PSA doubling times: Clinical utility of this predictor of prostate cancer behavior. *International Journal of Radiation Oncology, Biology, & Physics*, 34, 549-553.

Ling CC, Smith AR, Hanlon AL, Owen JB, Brickner TJ, Hanks GE. (1996). Treatment planning for carcinoma of the cervix: A patterns of care study report. *International Journal of Radiation Oncology, Biology, & Physics*, 34, 13-19.

Fein DA, Lee WR, Hanlon AL, Ridge JA, Langer CJ, Curran WJ, Coia LR. (1995). Pretreatment hemoglobin level influences local control and survival of T1-T2 squamous cell carcinomas of the glottic larynx. *Journal of Clinical Oncology*, 13, 2077-2083.

Hanks GE, Corn BW, Lee WR, Hunt MA, Hanlon AL, Schultheiss TE. (1995). External beam irradiation of prostate cancer: Conformal treatment techniques and outcomes for the 1990's. *Cancer Supplement*, 75, 1972-1977.

Fein DA, Corn BW, Hanlon AL, Curran WJ, Coia LR. (1995). Acute parotitis during mantle irradiation: Incidence, onset, duration, and treatment. *Radiation Oncology Investigations*, 2, 291-294.

Teshima T, Hanlon AL, Hanks GE. (1995). Pretreatment prostate-specific antigen values in patients with prostate cancer: 1989 patterns of care study process survey. *International Journal of Radiation Oncology, Biology, & Physics*, 33, 809-814.

Gerber RL, Smith AR, Owen JB, Hanlon AL, Wallace M, Hanks GE. (1995). Patterns of care survey results: Treatment planning for carcinoma of the prostate. *International Journal of Radiation Oncology, Biology, & Physics*, 33, 803-808.

Withers HR, Peters LJ, Taylor JMG, Owen JB, Morrison WH, Schultheiss TE, Keane T, O'Sullivan B, Van Dyk J, Gupta N, Wang C, Jones CU, Doppke KP, Myint S, Thompson M, Parsons JT, Mendenhall WM, Dische S, Aird EGA, Henk JM, Bidmead MAM, Svoboda V, Chon Y, Hanlon AL, Peters TL, Hanks GE. (1995). Late normal tissue sequelae from radiation therapy for carcinoma of the tonsil: Patterns of fractionation study of radiobiology. *International Journal of Radiation Oncology, Biology, & Physics*, 33, 563-568.

Withers HR, Peters LJ, Taylor JMG, Owen JB, Morrison WH, Schultheiss TE, Keane T, O'Sullivan B, Van Dyk J, Gupta, N, Wang C, Jones CU, Doppke KP, Myint S, Thompson M, Parsons JT, Mendenhall WM, Dische S, Aird EGA, Henk JM, Bidmead MAM, Svoboda V, Chon Y, Hanlon AL, Peter, TL, Hanks GE. (1995). Local control of carcinoma of the tonsil by radiation therapy: An analysis of patterns of fractionation in nine institutions. *International Journal of Radiation Oncology, Biology, & Physics*, 33, 549-562.

Hughes DB, Smith AR, Hoppe RT, Owen JB, Hanlon AL, Wallace M, Hanks GE. (1995). Treatment planning for hodgkin's disease: A patterns of care study. *International Journal of Radiation Oncology, Biology, & Physics*, 33, 519-523.

Montana GS, Hanlon AL, Brickner TJ, Owen JB, Hanks GE, Ling CC, Komaki R, Marcial VA, Thomas GM, Lanciano RM. (1995). Carcinoma of the cervix: Patterns of care studies review of 1978, 1983, and 1988-1989 surveys. *International Journal of Radiation Oncology, Biology, & Physics*, 32, 1481-1486.

Fein DA, Lee WR, Lanciano RM, Corn BW, Herbert SH, Hanlon AL, Hoffman JP, Eisenberg BL, Coia LR. (1995). Management of extremity soft tissue sarcomas with limb-sparing surgery and postoperative irradiation: Do total dose, overall treatment time, and the surgery-radiotherapy interval impact on local control? *International Journal of Radiation Oncology, Biology, & Physics*, 32, 969-976.

Smith AR, Gerber RL, Hughes DB, Kline RW, Kutcher GJ, Ling CC, Owen JB, Hanlon AL, Wallace M, Hanks GE. (1995). Treatment planning structure and process in the united states: A patterns of care study. *International Journal of Radiation Oncology, Biology, & Physics*, 32, 255-262.

Komaki R, Brickner TJ, Hanlon AL, Owen JB, Hanks GE. (1995). Long-term results of treatment of cervical carcinoma in the united states in 1973, 1978, and 1983: A patterns of care study. *International Journal of Radiation Oncology, Biology, & Physics*, 31, 973-982.

Hoppe RT, Hanlon AL, Owen JB, Hanks GE. (1994). Progress in the treatment of hodgkin's disease in the united states, 1973 versus 1983: The patterns of care study. *Cancer*, 74, 3198-3203.

Hanks GE, Hanlon AL, Owen JB, Schultheiss TE. (1994). Patterns of radiation treatment of elderly patients with prostate cancer. *Cancer Supplement*, 74, 2174-2177.

Coia LR, Wizenberg MJ, Hanlon AL, Gunderson LL, Haller D, Hoffman JP, Kline RW, Mohiuddin M, Russell AH, Tepper JE, Owen JB, Hanks GE. (1994). Evaluation and treatment of patients receiving radiation for cancer of the rectum or sigmoid colon in the united states: Results of the 1988-1989 patterns of care study process survey. *Journal of Clinical Oncology*, 12, 954-959.

Corn BW, Hanlon AL, Pajak TF, Owen JB, Hanks GE. (1994). Technically accurate intracavitary insertions improve pelvic control and survival among patients with locally advanced carcinoma of the uterine cervix. *Gynecologic Oncology*, 53, 294-300.

Hanks GE, Krall JM, Hanlon AL, Asbell SO, Pilepich MV, Owen JB. (1994). Patterns of care and RTOG studies in prostate cancer: Long-term survival, hazard rate observations, and possibilities of cure. *International Journal of Radiation Oncology, Biology, & Physics*, 28, 39-45.

Hanks GE, Hanlon AL, Schultheiss TE, Corn BW, Shipley WU, Lee WR. (1994). Early prostate cancer: The national results of radiation treatment from the patterns of care and RTOG studies with prospects for improvement with conformal radiation and adjuvant androgen deprivation. *Journal of Urology*, 152, 1775-1780.

Steinfeld A, Hanlon AL, Pajak TF, Hanks GE. (1994). Gender as a determinant of palliative radiotherapy: A patterns of care study analysis. *Journal of Women's Health*, 3, 85-89.

### Chapters in Books:

Fowble, B.L., Rosser, C. & Hanlon, A.L. (1998). Conservative Surgery and Radiation for Stages I and II Breast Cancer. In Bland, K.I. & Copeland, III, E.M. (Eds.), *The Breast: Comprehensive Management of Benign and Malignant Diseases, Second Edition*, (pp.1172-1178). Orlando, Florida: W. B. Saunders Company.

Hanks, G.E., Lee, W.R., Hanlon, A.L. & Schultheiss, T.E. (1995). Prostate Cancer and PSA Doubling Times as an Indicator of Tumor Doubling. In Kogelnik, H.D. (Ed.), *Progress in Radio-Oncology V*, (pp. 99-103). Bologna, Italy: Salzburg, Austria, Monduzzi Editore.

Hanks, G.E., Hanlon, A.L., Lee, W.R., Hunt, M.A. & Schultheiss, T.E. (1995). Conformal Treatment of Prostate Cancer: Effects on Cancer Control and Morbidity. In Kogelnik, H.D. (Ed.), *Progress in Radio-Oncology V*, (pp. 341-345), Bologna, Italy: Salzburg, Austria, Monduzzi Editore.

---

### PRESENTATIONS

"It's Never Too Early to Develop Leadership Skills", Invited Panelist at the 2021 Women in Statistics and Data Science Conference, American Statistical Association, October 2021

"Adapting to the Changing Landscape of Academic Statistical Collaboration", Invited Panelist at the 2021 International Conference on Advances in Interdisciplinary Statistics and Combinatorics (AISC), University of North Carolina at Greensboro, October 2021

"Collaborative Research in the Health Sciences at Virginia Tech", Presentation for the Virginia Tech Applied Research Corporation (VT-ARC) Technology Group, September, 2021

"Team Science at the Center for Biostatistics and Health Data Science", Invited Splash Talk presentation at the 2021 Science of Team Science Conference, Virginia Tech, June 2021

"Big Data Requires Team Science", Invited Panelist for the Podcast, #StartDisrupting, with Brett Malone, Virginia Tech Corporate Research Center, April 2021

"COVID-19 Vaccines – Clinical Trial Considerations", Invited Lecturer for The Design of Experiments Educational Specialization, Coursera, Arizona State University, April 2021

"Predictive Analytics Meets Pandemic" Invited Panelist for Virginia Tech Alumni Association Webinar Broadcast, June, 2020

"The Juggling Collaborative Statistician: Which Balls to Drop." Invited Speaker at the *American Statistical Association's Annual Joint Statistical Meetings*, Denver, CO, August 2019.

"Biostatistics and Data Science in Drug Discovery Partnerships." Invited Speaker at the *The Virginia Drug Discovery Consortium's VirginiaDrugDiscoveryRx: Emerging Targets, Technologies, and Therapeutics for Cancer and Neuroscience Symposium*, Roanoke, VA, May 2019.

"Finding the Right Academic Fit: Experiences from Faculty Across the Academic Spectrum." Invited Speaker at the *International Biometric Society's Annual Eastern North American Region Spring Meeting*, Philadelphia, PA, March 2019.

- "Acute Respiratory and Cardiovascular Outcomes Associated with Low Levels of Ambient Fine Particular Matter (PM<sub>2.5</sub>) on the Island of Oahu. *Hawaii International Conference on System Sciences*, Maui, HI, January 2019.
- "Sleep Duration and Chronotype Associated with Cardio-metabolic and Cardiovascular Outcomes Even After Adjustment for other Risk Factors." *SLEEP 2016*, Denver, CO, June 2016.
- "Inadequate Sleep and Evening Chronotype Predict Poor Cardiovascular Health Outcomes." *American Heart Association Epidemiology and Lifestyle Meeting*, Phoenix, AZ, March 2016.
- "Racial Disparities in Sleep Duration and Timing May Account for Cardiovascular Disease Disparities." *Society of Behavioral Medicine Annual Meeting*, Washington, DC, March 2016.
- "Long Sleep and Evening Type Associated with Poor Cardiovascular Health Behaviors." *Cardiovascular Health Symposium*, University of Delaware, Newark, DE, October 2015.
- "Population Assessment of Sleep Duration, Chronotype, and Body Mass Index." *The Society of Behavioral Medicine Annual Meeting*, San Antonio, TX, April 2015.
- "Writing a Scientific Paper for Peer Reviewed Publication." *American Statistical Association's Conference on Statistical Practice*, New Orleans, LA, February 2015.
- "Multiple Treatment Groups: A Case Study with Health Care Practice and Policy Implications." *American Statistical Association's Joint Statistical Meetings*, Boston, MA, August 2014.
- "Teaching Statistics in the Health Sciences: How to Engage a Busy Bunch of Docs." *American Statistical Association's Joint Statistical Meetings*, Montreal, CA, August 2013.
- "Development of a Biostatistics Business Model in Nursing." *American Statistical Association's Conference on Statistical Practice*, New Orleans, LA, February 2013.
- "Symposium: Health Related Quality of Life among Long-term Services and Support Recipients: A Longitudinal Analysis, Methodological Considerations," *The Gerontological Society of America's 64<sup>th</sup> Annual Scientific Meeting*, San Diego, CA, November 2012.
- "Building a Biostatistics Business Model in the School of Nursing." *American Statistical Association's Joint Statistical Meetings*, San Diego, CA, August 2012.
- "Using Full Matching to Estimate Causal Effects in a Non-Experimental Study: Effects of a Nursing Intervention on Rehospitalizations of Cognitively Impaired Older Adults." *American Statistical Association's Conference on Statistical Practice*, Orlando, FL, February 2012.
- "Evaluating the risk of contralateral neck failure in patients with SCC of the tonsil treated only to the ipsilateral tonsil and neck for N+ disease." *American Society for Therapeutic Radiology and Oncology, Multidisciplinary Head and Neck Symposium*, Rancho Mirage, CA, January 2007.
- "Adjusted Radiotherapy Dose Response Curves Following Treatment for Prostate Cancer: Biochemical Failure and Distant Metastasis." *American Society for Therapeutic Radiology and Oncology, 48th Annual Meeting*, Philadelphia, PA, November 2006.
- "Year 4 Evaluation Results of Leadership 101, an After-School Program for Urban, Primarily African-American, Adolescents: Reducing Risk Among Middle School Students and Keeping Strong High School Students Strong." *Office of Adolescent Pregnancy Programs Evaluation Conference*, Pittsburgh, PA, September 2006.

- "Focus on Adolescent/Teen Health Issues: Evaluation of the Leadership 101 Program." Invited Speaker for *Crozer Keystone Health System Quality Day*, Drexel Hill, PA, May 2006.
- "Predictors of Hormone Refractory Disease in Men Treated with Salvage Androgen Deprivation Following Definitive Radiotherapy for Prostate Cancer." *American Society for Therapeutic Radiology and Oncology, 47th Annual Meeting*, Denver, CO, November 2005.
- "Identification of Groups at Risk for Distant Metastasis and Death in Men with a Rising PSA after Radiotherapy for Prostate Cancer." *American Society for Therapeutic Radiology and Oncology, 46th Annual Meeting*, Atlanta, GA, October 2004.
- "Predictors of Death in Men with Prostate Cancer Treated with Salvage Androgen Deprivation." *American Radium Society, 86th Annual Meeting*, Sonoma, CA, May 2004
- "A Bayesian Approach to Hierarchical Nonlinear Mixed Effects Modeling: Defining Post-Radiation Therapy Relapse in Prostate Cancer Patients." Invited Presentation at the *Annual Scientific Retreat for the Prostate Cancer Foundation*, New York, NY, November 2003.
- "Post-radiotherapy PSA nadir remains highly predictive of outcome in men who are biochemically free of disease at 1.5 years post-treatment." *American Society for Therapeutic Radiology and Oncology, 45th Annual Meeting*, Salt Lake City, UT, October 2003.
- "Short Term Androgen Deprivation and PSA Doubling Time: Their Relationship to One Another and to Disease Progression Following Radiation Therapy for Prostate Cancer." *American Society for Therapeutic Radiology and Oncology, 44th Annual Meeting*, New Orleans, LA, October 2002.
- "Model-Based Prediction of Biochemical Failure in Prostate Cancer Patients Following Radiation Therapy" (with Dirk Moore). *American Society for Therapeutic Radiology and Oncology, 44th Annual Meeting*, New Orleans, LA, October 2002.
- "Predicting the future profile of PSA levels following radiation therapy for prostate cancer" (with Dirk Moore). *American Statistical Association Annual Meetings*, New York, NY, August 2002.
- "Post Treatment PSA Nadir as an Independent Predictor of Distant Metastasis Following Radiotherapy for Prostate Cancer." *American Radium Society, 84th Annual Meeting*, Puerto Rico, April 2002.
- "Post-Treatment PSA Nadir is Highly Predictive of Distant Failure and Ultimate Death Due to Prostate Cancer." *American Society for Therapeutic Radiology and Oncology, 43rd Annual Meeting*, San Francisco, CA, November 2001.
- "Statistical Issues in Prostate Cancer QoL and Economic Trials." *American Society for Therapeutic Radiology and Oncology, 43rd Annual Meeting*, San Francisco, CA, November 2001.
- "Survey Results: QoL Statistical Issues, Utilities, and Cost-Effectiveness." *American Society for Therapeutic Radiology and Oncology, 43rd Annual Meeting*, San Francisco, CA, November 2001.
- "Random Effects models for modeling PSA levels following radiation therapy" (with Dirk Moore). *American Statistical Association Annual Meetings*, Atlanta, GA, August 2001.
- "Patterns and Fate of PSA Bouncing Following 3DCRT." *American Society for Therapeutic Radiology and Oncology, 42nd Annual Meeting*, Boston, MA, October 2000.

"Long Term QOL Study in Prostate Cancer Patients Treated with 3DCRT: Comparing Bowel and Bladder QOL Symptoms to that of the Normal Population." Invited Speaker at *Radiological Society of North America, 85<sup>th</sup> Scientific Assembly and Annual Meeting*, Chicago, IL, November 1999.

"Long Term QOL Study in Prostate Cancer Patients Treated with 3DCRT: Comparing Bowel and Bladder QOL Symptoms to that of the Normal Population." *American Society for Therapeutic Radiology and Oncology, 41<sup>st</sup> Annual Meeting*, San Antonio, TX, October 1999.

"Hierarchical Nonlinear Mixed Effects Modeling of PSA Levels in Prostate Cancer." Invited Speaker at *Statistical Issues in Modeling PSA Data*, The University of Michigan Comprehensive Cancer Center, Ann Arbor, MI, July 1999.

"Scrutiny of the ASTRO Consensus Definition of Biochemical Failure in Irradiated Prostate Cancer Patients Demonstrates its Usefulness and Robustness." Invited Speaker at *Second Sonoma Conference on Prostate Cancer*, Sonoma, CA, June 1999.

"Modeling Post-Radiation PSA Level Kinetics: Predictors of Rising Post-Nadir Slope Suggest Cure in Men Who Remain Biochemically Free of Prostate Cancer." *American Society for Therapeutic Radiology and Oncology, 40<sup>th</sup> Annual Meeting*, Phoenix, AZ, October 1998.

"On the Estimation of Cause-Specific Failure Probability and Risk: Misinterpretation, Bias, and Incomplete Analyses." *American Society for Therapeutic Radiology and Oncology, 39<sup>th</sup> Annual Meeting*, Orlando, FL, October 1997.

"Results of an Outcome Prediction Model for Prostate Cancer Based on Proportional Hazards Modeling." *American Radium Society, 79<sup>th</sup> Annual Meeting*, New York, NY, April 1997.

"Chronic Rectal Bleeding After High Dose Conformal Treatment of Prostate Cancer Warrants Modification of Existing Morbidity Scales." *American Society for Therapeutic Radiology and Oncology, 38<sup>th</sup> Annual Meeting*, Los Angeles, CA, October 1996.

"Pretreatment PSA Doubling Times: Clinical Utility of This Predictor of Prostate Cancer Behavior." *American Society for Therapeutic Radiology and Oncology, 37<sup>th</sup> Annual Meeting*, Miami, FL, October 1995.

---

## RESEARCH/EDUCATIONAL CONSULTATION

2019 to present	Biostatistics Consultant, Blade Therapeutics, Inc., South San Francisco, CA
2018 to present	Biostatistics Consultant, New York Proton Center, New York, NY
2015 to present	Biostatistics Consultant, College of Pharmacy, University of Hawaii, Hilo, HI
2014 to present	Biostatistics Consultant, Weight Watchers, New York, NY
2012 to present	Biostatistics Consultant, Crozer-Chester Medical Center, Crozer, PA
2012 to present	Biostatistics Consultant, Philadelphia CyberKnife, Havertown, PA
2004 to present	Biostatistics Consultant, Helen F. Graham Cancer Center, Christiana, DE
2020-2021	Biostatistics Consulting for Neonur, NA



2020 to 2021	Biostatistics Consultant, Fair Health, New York, NY
2019 to 2021	Biostatistics Consultant, Turn-Key Health Division, Philadelphia, PA
2020	Biostatistics Consultant, Hope Pharmaceuticals, Scottsdale, AZ
2019 to 2020	Biostatistics Consultant, Department of Radiation Oncology, University of Pennsylvania School of Medicine, Philadelphia, PA
2014 to 2018	Biostatistics Consultant, College of Health Sciences, University of Delaware, Newark, DE
2010 to 2018	Biostatistics Consultant, Department of Radiation Oncology, University of Maryland School of Medicine, Baltimore, MD
2018	Biostatistics Consultant, University of Pittsburgh Medical Center, Pittsburgh, PA
2016 to 2017	Visiting Scholar, Bryn Athyn College, Bryn Athyn, PA
2005 to 2017	Evaluator, Youth Development Programs, Crozer School District, Crozer, PA
2014	Biostatistics Consultant, Department of Radiation Oncology, University of California, San Francisco
2012 to 2014	Biostatistics Consultant, Department of Public Health, Temple University, Philadelphia, PA
2013	Biostatistics Consultant, Department of Radiation Oncology, Stanford University, Palo Alto, CA
2011	Biostatistics Consultant, Rockburn Institute, Elkridge, MD
2009	Biostatistics Consultant, Department of Radiation Oncology, Indiana University School of Medicine, Indianapolis, IN
2009	Biostatistics Consultant, American College of Radiology, Radiation Therapy Oncology Group, Philadelphia, PA
2004 to 2009	Biostatistics Consultant, Fox Chase Cancer Center, Philadelphia, PA
1990 to 1991	Biostatistics Consultant, UC Irvine Medical School, Irvine, CA

---

**MEETING/CONFERENCE ORGANIZING ROLES**

2020	Session Chair, Joint Statistical Meetings, <i>“Everyone Counts: Data for the Public Good”</i> , Virtual Conference
2019	Program Chair, Joint Statistical Meetings, <i>“Artificial Intelligence,”</i> Council of Chapters Invited Session at Large, Denver Colorado

- 2019 Organizer, Virtual Workshop on Mentorship in Chapters, Council of Chapters Governing Board Member (COCGB) Initiative, Alexandria, Virginia
- 2018 Organizer, Joint Statistical Meetings, COCGB Business Meetings, Vancouver, Canada
- 2018 Organizer, Face-to-Face COCGB Business Meeting, Alexandria, Virginia  
2017 Organizer, Joint Statistical Meetings, COCGB Officer Appreciation Workshop "A First Glance at What We are Doing with the Stimulus Funds Initiative," Baltimore, Maryland
- 2014 Co-organizer, Joint Statistical Meetings, Topic Contributed Session "Collaborative Statisticians Advancing Their Careers in an Academic Setting," Boston, Massachusetts. {Awarded Best Topic Contributed Session}
- 2014 Session Chair, Conference on Statistical Practice, Organizational Impact, Tampa, Florida
- 2012 Co-organizer, ASAP Late Summer Workshop, "*Workshop on Data Safety Monitoring Boards in Clinical Trials*," Dr. Jay Herson, Senior Associate, Biostatistics, Johns Hopkins Bloomberg School of Public Health
- 2012 Co-organizer, ASAP Spring Short Course, "*Applied Survival Analysis*," Dr. Susanne May, Professor, Department of Statistics, University of Washington
- 2012 Co-organizer, ASAP Mid-Winter Gathering, "*Uneducated Guesses: Three examples of how mistreating missing data yields misguided educational policy*," Dr. Howard Wainer, Distinguished Research Scientist, National Board of Medical Examiners, and Adjunct Professor of Statistics, Wharton School of the University of Pennsylvania
- 2011 Co-organizer, ASAP Fall Short Course and Social Mixer, "*Propensity Score Methods for Estimating Causal Effects*," Dr. Elizabeth Stuart, Associate Professor in Mental Health/Biostatistics, Johns Hopkins Bloomberg School of Public Health
- 2011 Co-organizer, ASAP Summer Meeting, "New Directions and Development Paths for Statisticians in Pharmaceutical R&D" Dennis Cosmatos, Parexel International
- 2011 Co-organizer, ASAP Spring Short Course, "Applied Mixed Models," Dr. Linda Young, Professor, Department of Statistics, University of Florida
- 2011 Co-organizer, ASAP Mid-Winter Gathering, "*A New Portrait of America: A Look at an Aging Multicultural America*" Whittona Burrell, US Census Bureau, Philadelphia Regional Office
- 2010 Moderator/Chairperson, Penn-ICOWHI 18<sup>th</sup> International Congress 2010 – Cities and Women's Health: Global Perspectives, "*New Data-Based Interventions for Old Problems*", University of Pennsylvania
- 2010 Co-organizer, ASAP Summer Course, "*The Use of R through Excel*," Dr. Richard Heiberger, Temple University

- 2010 Co-organizer, ASAP Spring Short Course, "*Missing Data in Longitudinal Studies: Strategies for Bayesian Modeling and Sensitivity Analysis*," Dr. Mike Daniels, Chair, Department of Statistics, University of Florida
- 2010 Co-organizer, ASAP Mid-Winter Gathering, "*Live! From the American Statistical Association!*" Dr. Ron Wasserstein, Executive Director of ASA
- 2009 Co-organizer, ASAP Summer Meeting, "*Bayesian Analysis of Continuous and Categorical Data from Multicenter Trials*," Dr. Larry Gould, Merck Research Labs
- 2009 Co-organizer, ASAP Spring Short Course, "*Survival Analysis with Correlated or Repeated Endpoints*," Dr. Terry M. Therneau, Division of Biostatistics and Informatics, Mayo Clinic
- 2009 Co-organizer, ASAP Mid-Winter Gathering, "*Measures of Volatility in Economic Markets*" Dr. Bob Stine, Wharton School at the University of Pennsylvania
- 2008 Co-organizer, ASAP Summer Short Course, Adaptive Designs for Dose Finding
- 2008 Co-organizer, ASAP Spring Meeting, "*Developing the Biostatistics Program at Penn: Challenges of the Past & Visions for the Future*," Dr. J. Richard Landis, University of Pennsylvania
- 2008 Organizer, ASAP Mid-Winter Gathering, "*Communicating and Developing Professionals*," Dr. Tony Lachenbruch, Oregon State University
- 2007 Co-organizer, ASAP Spring Meeting, PK/PD Analysis and 3-Mile Island Mortality, Drs. Simon Zhou, Wyeth, Alan Hartford, Merck, Winston Richards, Penn State
- 2007 Co-organizer, ASAP Mid-Winter Gathering, "*The Use of Statistics in the Courtroom*," Dr. Will Fairley, Analysis and Inference, Inc. and Mary Gray, American University
- 2006 Co-organizer, ASAP Fall Meeting, Symposium on Adaptive Designs
- 2001 Statistics Chair, American Society for Therapeutic Radiology and Oncology 43<sup>rd</sup> Annual Meeting QOL and Economic Endpoints Committee

---

## EDUCATIONAL LECTURES BY INVITATION

- 2021 **Arizona State University**  
*COVID-19 Vaccines – Clinical Trial Considerations*, Design of Experiments Educational Specialization, Coursera
- 2020 **Virginia Tech and iTHRIV**  
*Biostatistics 101: Analysis Planning*, the Statistical Applications and Innovations Group (SAIG) and the Integrated Translational Health Research Institute of Virginia (iTHRIV)
- 2019 **Carilion Clinic**

*Statistics 101: Analysis Planning*, Carilion Clinic Office of Continuing Professional Development and the Office of Research and Development

- 2019 **Virginia Tech**  
*Biostatistics Collaboration and Consultation in the Health Sciences*, STAT 5024 Communication and Statistical Collaboration, Dr. Jennifer Van Mullekom
- 2019 **Old Dominion University**  
ODU 2019 Math Awareness Conference  
*Data Analytics in Nursing: A Case Study*
- 2018 **Crozer Chester Medical Center**  
Effective Clinical Collaboration
- 2017 to 2018 **University of Pennsylvania**  
*Contemporary Methods and Data Science: Case Studies in Nursing Research*, Office of Nursing Research Colloquium Series, Dr. Terry Richmond
- 2010 *Cox Regression, Proportional Hazards, and Receiver Operating Curves*, N840 Advanced Methods, Dr. Lorraine Tulman
- 2009 to 2019 *Inference and Power*, N754 Quantitative Research, Drs. Deb Bruner and Terri Weaver (2009-2011), Drs. Salimah Meghani and Barbara Riegel (2012), Dr. Martha Curley (2013-2018), Dr. Peggy Compton (2019)
- 2009 to 2018 *Biostatistics in Dissertation Research*, Dissertation Seminar, Drs. Terry Richmond and Kathy Bowles (2009), Drs. Eileen Lake and Kathy Bowles (2010, 2011), Drs. Barbara Riegel and Pat D'Antonio (2012, 2013), Drs. Barbara Medoff-Cooper and Pat D'Antonio (2014, 2015), Dr. Kathy Bowles (2016-2018)
- 2009 *Inference and Causation*, Introduction to Epidemiology, Dr. Jennifer Pinto Martin
- 2009 *Hierarchical Linear Modeling (two part series)*, N840 Advanced Methods, Dr. Lorraine Tulman
- 2007 to 2009 **Temple University**  
*Power and Sample Size Calculation*, Epidemiologic Research Methods II, Dr. Deb Nelson
- 2007 *Analytic Methods: Statistics and Epidemiology*, Introduction to Public Health, Adina Stonberg.
- 2006 to 2009 *Biostatistics in Research*, Current Issues in Public Health, Drs. Stephanie and Larry Ward
- 2006 to 2008 *Sampling in Research*, Research Seminar in Health Studies, Dr. Grace Ma.
- 2005 to 2006 *Evidence Based Medicine from a Biostatistical Perspective*, Conference on Obesity for the Health Professional, directed by Dr. Jay Segal.

**Other**

- 2015 *A Day in the Life of a Collaborative Biostatistician*, Drexel University, School of Public Health, MS Biostatistics Lunch and Learn Series, March 2015.
- 2012 to 2016 *Writing a Scientific Paper for Peer-Reviewed Publication*, Writing for Publication Elective Course, MS Program in Strategic Studies, US Army War College
- 2012 to 2013 *Biostatistics and the Medical Literature*, Crozer-Chester Medical Center Scholarly Activity Initiative, Lecture Series 2012-2013 (three four-hour workshops for faculty and residents), Organized by Dr. Guy Hewlett
- 2011 *Evidence Based Practice*, Research Symposium sponsored by the Pennsylvania Hospital Research and Evidence-Based Council, Organized by Dr. Linda Hatfield
- 2011 *Writing for Peer-Review*, Writing for Publication Elective Course, MS Program in Strategic Studies, US Army War College
- 2011 *Writing a Scientific Paper for Peer-Reviewed Publication*, Crozer Medical Center, Residency Program, Dr. Rima Himmelstein
- 1996 to 2003 Lecturer of Biostatistics, annual series of six lectures for Residents and Fellows at Fox Chase Cancer Center, Philadelphia

---

**PROFESSIONAL SERVICE**

- 2021-Present Data Safety Monitoring Board (DSMB) for Galera Therapeutics, Inc., NA
- 2021-Present Data Safety Monitoring Board (DSMB) for Vedanta Biosciences, Inc., NA
- 2016-2021 Data Safety Monitoring Board (DSMB) for Heart Failure Clinical Trial, University of Kansas, School of Nursing, Lawrence, United States
- 2019-2021 Data Safety Monitoring Board (DSMB) for Blade Therapeutics, Inc., 442 Littlefield Avenue, San Francisco, California, 94080,
- 2021 Letter of Support for Dr. Benjamin Leiby, promotion to the rank of full Professor on the Clinical Scholar track in the Sidney Kimmel Medical College at Thomas Jefferson University
- 2021 Letter of Support for Dr. Jianghua He, promotion to the rank of Professor at the University of Kansas School of Medicine
- 2021 Letter of Support for Dr. Raymond Balise, promotion to the rank of Associate, Research Track in the Department of Public Health Sciences at the University of Miami
- 2021 Letter of Nomination for Dr. Mary Sammel for the 2021 TSHS Outstanding Teaching Award
- 2021 Letter of Nomination for Dr. Nicole Carlson for her American Statistical Association (ASA) fellowship

2021	American Statistical Association, Council of Chapters Representative, Board of Directors
2020	American Statistical Association, Chair, Committee on Nominations
2019	American Statistical Association, Past Chair, Council of Chapters Governing Board
2018	American Statistical Association, Chair, Council of Chapters Governing Board
2017	American Statistical Association, Chair Elect, Council of Chapters Governing Board
2015	American Statistical Association, Recipient of Member Initiative Proposal funding for "Assessing Local Student Involvement in the ASA," \$14,000
2014 to 2015	Tools for Life, Bryn Athyn College, Bryn Athyn, PA. Tools for Life is a summer camp for incoming high school juniors and seniors, offering workshops on personal growth and networking for life. Invited Speaker.
2013 to 2015	American Statistical Association, Vice Chair, District 3, Council of Chapters Governing Board
2013 to 2015	Delaware Valley Science Fair, Judge, Statistical Methodology
2012 to 2019	Patient Centered Outcomes Research Institute (PCORI) Study Section, Scientific Reviewer
2012 to 2018	Crozer Resident Research Day, Judge
2012	Rochester Institute of Technology, Mid-tenure reviewer for Assistant Professor, School of Mathematical Sciences
2012	American Statistical Association, President, Philadelphia Chapter
2011	American Statistical Association, Philadelphia Chapter Vice President
2011	American Cancer Society Institutional Research Grant Review Committee, Thomas Jefferson University, Member
2011	National Institutes of Health, Behavioral Medicine: Interventions and Outcomes Study Section, Grant Reviewer
2010 to 2015	National Cancer Institute, Symptom Management and Quality of Life Steering Committee, Member
2006 to 2010	American Statistical Association, Philadelphia Chapter Treasurer
2003 to 2004	American Brachytherapy Society, Member
2002 to 2005	Drug Information Association, Member
2002 to 2005	American Academy of Periodontology, Member
2002 to 2005	International Association for Dental Research, Member

2000 to 2004	American Society for Therapeutic Radiology and Oncology, Member
2000 to 2002	American Board of Radiology, Written Examination Panel
1992 to 2002	Biometric Society, Member
1991 to present	American Statistical Association, Member
1991 to 2002	Society for Clinical Trials, Member

---

**SERVICE ACTIVITIES, Virginia Tech**

2021	Letter of Support for Dr. Frederick W. Faltin, application to the rank of Full Professor of Practice in the Department of Statistics at Virginia Tech
2021	Member, 2021 Corporate Partners Program Organizing Committee, Department of Statistics
2021	Internal Reviewer, Promotion Dossiers, Department of Statistics
2021	Member, iTHRIV Scholars R01 Proposal Review Committee, the Integrated Translational Health Research Institute of Virginia

**SERVICE ACTIVITIES, University of Pennsylvania**

2018	Chair, Research Committee, School of Nursing (SON), Office of Nursing Research (ONR) and Faculty Senate
2017 to 2018	Member, T32 Executive Committee, SON, New Courtland Center for Transitions
2017	Member, Research Committee, SON ONR and Faculty Senate
2013	Member, Family and Community Health Awards Taskforce
2012	External Reviewer, dossier of Research Associate Professor candidate, Internet Technology
2011 to 2012	Organizer and Member, REDCap Users Group
2011	Chair, Taskforce for Developing Business Model for SON Biostatistics Support
2010 to 2011	Member, Taskforce for Developing Data Systems for SON
2010	Moderator/Chairperson, Cities and Women's Health Conference, Session: <i>New Data-Based Interventions for Old Problems</i>
2009 to 2018	Founder and Faculty Director, BECCA Lab, SON ONR
2009 to 2018	Committee member, Graduate Group
2009 to 2010	Lecturer on Biostatistics and Data Management, ONR Colloquium Series
2009	Member, Taskforce for Research Faculty Promotion Guidelines
2009	Mock Reviewer, NIH Director's New Innovator Award candidate

---

**SERVICE ACTIVITIES, Temple University**

2008	Member of Search Committee for ISR Director
2008	Member of Search Committee for Chair, Department of Public Health
2007 2006 to 2008	Member of Merit Review Committee, College of Health Professions Co-Advisor for Public Health Graduate Student Council
2005 to 2008 2005 to 2008	Director of the Biostatistics Research Support Center Member of MS Epidemiology curriculum development committee
2005 to 2008	Member of PhD Comprehensive Exam committee
2005 to 2008	Reader for PhD Comprehensive Research Exam

---

**DISSERTATION/THESIS COMMITTEES**

**Doctoral Committees:**

Member, Quentin Nichols, Virginia Polytechnic Institute and State University, College of Agriculture and Life Sciences, Department of Human Nutrition, Foods, and Exercise  
Topic: Asian American, Native Hawaiian, and Pacific Islander (AANHPI) ethnic groups have only been recently added to National Health and Nutrition Examination Survey (NHANES) dataset starting in 2011. The Centers for Disease Control and Prevention (CDC) has been oversampling the AANHPI due to their high risk of type 2 diabetes mellitus (T2DM), obesity, and their sedentary lifestyle. I would like to explore the prevalence of obesity, body mass index (BMI), T2DM, diet and activity behavior of these groups. Using the NHANES 2011 to 2012 and NHANES 2017 to 2018 to compare the growth, prevalence, and predictive variables associated with obesity, BMI, T2DM, diet and activity behaviors.

Member, Tosin Ogunmayowa, Virginia Polytechnic Institute and State University, Virginia-Maryland College of Veterinary Medicine, Department of Population Health Sciences  
Topic: Assessing the Effect of Neighborhood and Individual Social Vulnerability on Physical Activity, Physical Activity-Related Injuries, and Obesity

Member, Amber Kelly, Virginia Polytechnic Institute and State University, Translational Biology, Medicine, and Health, current student  
Topic: Ultra-processed food reward: neural and metabolic factors

Member, Katrina Colucci-Chang, Virginia Polytechnic Institute and State University, current student  
Topic: Exploring the Relationship Between Sodium, Potassium, and Calcium Ions with Cardiac Excitability

Member, Hassan Farah, Virginia Polytechnic Institute and State University, Translational Biology, Medicine, and Health, current student  
Topic: Record & analyze the underlying biomechanical factors that influence gross motor function for children with Cerebral Palsy

Member, Dan Chen, Virginia Polytechnic Institute and State University, defended Fall 2021



Topic: A Pedagogical Approach to Create and Assess Domain-Specific Data Science Learning Materials in the Biomedical Sciences

Member, Jackie Bannon, University of Pennsylvania, School of Nursing, defended Spring 2019  
Topic: Neighborhoods, Stress, and CVD risk among women with HIV in Chicago WIHS

Member, Lauren Star, University of Pennsylvania, School of Nursing, defended Spring 2019  
Topic: Associations Between Goals-of-Care/End-of-Life Discussions, Acute Care Utilization and Costs, Race/Ethnicity, and Time Among Persons with Serious Illness Near the End-of-Life

Member, Eileen Regan, University of Pennsylvania, School of Nursing, defended Fall 2021  
Topic: Investigating the association between predictive nature of injury and misuse of prescription opioids in young adult athletes

Member, Rachele Lipsky, University of Pennsylvania, School of Nursing, defended Spring 2020  
Topic: Predicting Depression and Antidepressant Treatment Outcomes Among Young Adults with a History of Adverse Childhood Experiences

Member, Ehriel Fannin, University of Pennsylvania, School of Nursing, deceased  
Topic: The Sexual Economics of Unintended Pregnancy: Examining the Relationships among Resource Security, Sexual Relationship Approach, Sexual Decisions, and Sexual Health Outcomes

Member, LaKeetra Josey, University of Pennsylvania, School of Nursing, defended Fall 2016  
Topic: Biological, Psychological, and Social Profiles of Adolescents ages 12-17 with Depression and/or Anxiety Compared to a General Population of Adolescents Identified via Secondary Analysis of the 2011-2012 National Survey of Children's Health

Member, Zainab Ambani, University of Pennsylvania, School of Nursing, defended Spring 2017  
Topic: The Practice Environment and Nurse Job Outcomes in Saudi Hospitals

Member, Elizabeth Novack, University of Pennsylvania, School of Nursing, defended Spring 2017  
Topic: Young Adult Female Victims of IPV, Health, and Health Care Utilization

Outside Reader, Sangmi Kim, University of Pennsylvania, School of Nursing, defended Fall 2015  
Topic: The Role of Chronic Stress in Age Gradients of Racial/Ethnic Disparities in Adverse Birth Outcomes

Member, Nadya Golfenshtein, University of Pennsylvania, School of Nursing, defended Fall 2016  
Topic: Investigating Parenting Stress and Neurodevelopment in Infants with Congenital Heart Defects during the First Year of Life

Member, Lit Soo Ng, University of Pennsylvania, School of Nursing, defended Spring 2015  
Topic: Examining the Complex Relationship between Stress and Sleep

Member, Jess Reardon, University of Pennsylvania, School of Nursing, defended Spring 2014  
Topic: Examining Opportunity for Cancer Clinical Trial Participation Among Under-represented Groups

Member, Lynn Russel, University of Pennsylvania, School of Nursing. Lynn sadly passed away in 2014  
Topic: Factors Influencing Moral Activism among Nurse Anesthetists

Outside Reader, Meridith McKenzie, University of Pennsylvania, School of Nursing, defended Winter 2013  
Topic: Hospice Care and Quality End of Life Outcomes for Patients with Advanced Heart Failure

- Outside Reader, Eeeseung Byun, University of Pennsylvania, School of Nursing, defended Winter 2013  
Topic: Effects of Uncertainty on Perceived and Physiological Stress and Psychological Outcomes in Stroke Survivor Caregivers
- Member, Sunny Hallowell, University of Pennsylvania, School of Nursing, defended Winter 2012  
Topic: Impact of Nurse Work Environments on Human Milk Provision: A NICU Quality Outcome
- Member, Melissa O'Conner, University of Pennsylvania, School of Nursing, defended Spring 2012  
Topic: The Impact of Length of Stay and Number of Home Nursing Visits on Hospitalization
- Outside Reader, Shu Li, Temple University, Department of Statistics, defended Winter 2011  
Topic: Determining the Cut-off Based on a Continuous Variable to Define Two Populations
- Member, Sarah Sawah, University of Pennsylvania, School of Nursing, defended Winter 2011  
Topic: Is Vitamin D Status Associated with Blood Glucose Control in Children and Adolescents with Type 1 Diabetes after the First Year of Diagnosis?
- Member, Canhua Xiao, University of Pennsylvania, School of Nursing, defended Spring 2011  
Topic: Identifying Symptom Clusters in Patients with Head and Neck Cancer Post Radiation Therapy
- Member, Houry Puzantian, University of Pennsylvania, School of Nursing, defended Spring 2011  
Topic: Differences by Age in Cardiovascular Event-Free Survival in Adults with Moderate Chronic Kidney Disease
- Outside Reader, Ashley Darcy, University of Pennsylvania, School of Nursing, defended Fall 2010  
Topic: Exploring the Impact of the Home Environment as a Moderator in School Performance Outcomes of Low-Birth-Weight Survivors
- Member, Elaine Hatala, Temple University, Temple Department of Public Health, defended Winter 2008  
Topic: Predicting Patterns of Ecstasy Use Among Undergraduate College Students
- Chair, Renee Liberoni, Temple University, Department of Public Health, defended Spring 2008  
Topic: Overweight and Depressive Symptoms among Young, Rural Adolescents
- Chair, Freda Patterson, Temple University, Department of Public Health, defended Winter 2007  
Topic: Assessment of the "Teachable Moment" for Smoking Cessation in the Oncology Context
- Member, Elaine Hatala, Temple University, Department of Public Health, defended Winter 2008  
Topic: Predicting Patterns of Ecstasy Use Among Undergraduate College Students
- Member, Tracey Greenwood, Temple University, Exercise Physiology, defended Winter 2007  
Topic: Changes in Weight, Waist Circumference, Sagittal Diameter, and Dexa Parameters: High versus Low Carbohydrate Dieting
- Member, Debra Eisenberg, Temple University, Department of Public Health, defended Fall 2007  
Topic: The relationship between HRQOL and Obesity within Two Chronically Ill Populations: RA and PsA
- Member, Grace Liu, Temple University, Department of Statistics, defended Fall 2005  
Topic: Hybrid Model for the Multivariate Zero-Inflated Count Data
- Member, Tamar Kleiman, Temple University, Department of Public Health, proposed Fall 2007

Topic: Political and Socioeconomic Factors that Influence State Written Pandemic Flu Plan Preparedness

**MS Committees, Temple University:**

Member, Monica D'Arcy, Department of Public Health, defended Spring 2008 (MS Epi)  
Topic: Community Level Violence and Adolescent Behavior: A Philadelphia Perspective, 1991-2007

Member, Jonathan Vandergrift, Department of Public Health, defended Spring 2008 (MS Epi)  
Topic: Physical and Psychosocial Ergonomic Risk Factors for Low Back Pain in Automobile Manufacturing Workers

Member, Adrienne Loero-Pequignot, Department of Public Health, defended Spring 2008 (MS Epi)  
Topic: The Effects of Obesity on Complications Following the Most Common Gastrointestinal Surgeries

Member, Dana Bauer, Geography and Urban Studies, defended Spring 2008 (MS GUS)  
Topic: The Greening of Philadelphia: Race, Class, and the Urban Environment

Member, Frank Friedenber, Department of Public Health, defended Spring 2007 (MS Epi)  
Topic: Botulinum Toxin A for the Treatment of Delayed Gastric Emptying

**MPH Committees, Temple University:**

Member, Venk Kandadai, Department of Public Health, defended Spring 2008  
Topic: Information technology, posture and upper extremity musculoskeletal disorders (UEMSDs)

Member, Stacey Chazin, Department of Public Health, defended Spring 2008  
Topic: Screening and Prevention Decisions of Individuals at Hereditary Risk for Cancer

Member, Ishan Chang, Department of Public Health, defended Fall 2008  
Topic: Childhood Lead Poisoning and the Relationship with Maternal Age at Delivery

Member, Lalitha Parameswaran, Department of Public Health, defended Spring 2007  
Topic: Resident Perception of Barriers, Facilitators, and Educational Initiatives for CRC Screening for African American Patients in an Urban Clinic

Member, Amy Cunningham, Department of Public Health, defended Spring 2007  
Topic: A Quantitative and Qualitative Evaluation of a AI-Based Adherence Program

Member, Sara Eldridge, Department of Public Health, defended Winter 2005  
Internship: Diabetes Education Center at Pennsylvania Hospital

---

**FORMAL TEACHING**

2020 to 2023            Translational Biology, Medicine and Health  
                                 (TBMH) graduate program, Virginia Tech, Faculty of Health Sciences

2017 to 2018            Biostatistics (PHPP 508), University of Hawai'i at Hilo, College of  
                                 Pharmacy

2016 to 2018            Biostatistics (PUBH 501), University of Pennsylvania, School of Medicine

2014 to 2015	Advanced Research Methods (PUBH 603), University of Pennsylvania, School of Medicine
2006 to 2008	Multivariable Biostatistics (PH 8012), Temple University, College of Health Professions
2005 to 2008	Biostatistics (PH 5002), Temple University, College of Health Professions
2005	Epidemiology (PH 3101), Temple University, College of Health Professions

---

## MENTORSHIP

2021 to Present	<i>The Collaborative Undergraduate Biostatistics Experience (CUBE) Program</i> for students from Historically Black Colleges and Universities (HBCUs) in Virginia.
2021 to Present	<i>Brownbag Biostatistics and R Programming Bi-Weekly Lab Training Series</i> for the Integrated Translational Health Research Institute of Virginia (iTHRIV) Scholars Program.
2021 to 2023	Shawna Klahn, DVM, DACVIM-Oncology, Associate Professor, Medical Oncology, Virginia-Maryland College of Veterinary Medicine, Virginia Tech, iTHRIV Scholar Program Mentor.
2020 to 2022	Brittany Howell, PhD, Assistant Professor, Fralin Biomedical Research Institute (FBRI) at Virginia Tech, iTHRIV Scholars Program Mentor.
2020 to 2022	Alexandra DiFeliceantonio, PhD, Assistant Professor, Fralin Biomedical Research Institute (FBRI) at Virginia Tech, iTHRIV Scholars Program Mentor.
2019	Vu Q. Nguyen, MD, Carilion Clinic, iTHRIV Scholars Program Mentor.
2019	Shawn Stafford, MD, MAS, Vice Chair of Research, Department of Surgery Carilion Clinic Children's Hospital, iTHRIV Scholars Program Mentor.
2019	Lihua Shi, MS Applied Statistics, West Chester University, Department of Mathematics. Mentor.
2018 to present	Danielle Sieko, MS Biostatistics, Statistical Collaboration Mentor.
2018	Joshua Banks, MS Biostatistics, Drexel University, School of Public Health. Thesis Advisor.
2018	Eileen Regan, PhD Candidate, UPenn SON. Independent Study (Big Data Analysis) Advisor.
2018	Billy Rosa, PhD Candidate, UPenn SON. Independent Study (Advanced Quantitative Methods) Advisor.
2018	Amelia Schlak, PhD Candidate, UPenn SON. Independent Study (Advanced Quantitative Methods) Advisor.

- 2018 Rachele Lipsky, PhD Candidate, UPenn SON. Independent Study (Big Data Analysis) Advisor.
- 2018 Elizabeth Broden, PhD Candidate, UPenn SON. Independent Study (Longitudinal Methods) Advisor.
- 2017 to 2019 Alicia Lozano, MS Biostatistics, Statistical Collaboration Mentor.
- 2017 to 2020 Vicky Xu, MS Applied Statistics, West Chester University, Department of Mathematics. Internship Mentor.
- 2017 to 2018 Danielle Sieko, MS Biostatistics, Drexel University, School of Public Health. Internship Mentor.
- 2017 Alicia Lozano, MS Biostatistics, Drexel University, School of Public Health. Thesis Advisor.
- 2016 Eshita Malik, MPH Student, UPenn Engineering and School of Arts and Sciences, MS Biotechnology. Independent Study (Advanced Quantitative Methods), Advisor.
- 2016 Carina Gerveshi, MS Biostatistics, Drexel University, School of Public Health. Internship Mentor.
- 2015 to 2018 Introduction to Biostatistics, PUBH 501, Instructor
- 2015 to 2017 Alicia Lozano, MS Biostatistics, Drexel University, School of Public Health. Internship Mentor.
- 2015 to 2016 Whitney York, MS Biostatistics, Drexel University, School of Public Health. Internship Mentor.
- 2015 to 2016 Liming Huang, MS Biostatistics, Temple University, Fox School of Business. Internship Mentor.
- 2015 to 2016 Buffy Lloyd, PhD Candidate, Arizona State University, Biomedical Informatics. Formal mentor, Conference on Statistical Practice Mentorship Program.
- 2015 Nadya Golfenshtein, PhD Candidate, UPenn SON. Independent Study (Data management techniques in secondary datasets), Advisor.
- 2015 Elizabeth Novack, PhD Candidate, UPenn SON. Independent Study (HIV Statistical Methods), Advisor.
- 2015 Steven Brooks, MPH Student, UPenn SOM. Independent Study (Multi-level Methods), Advisor.
- 2015 Elizabeth Lakata, MS Biostatistics, Drexel University, School of Public Health. Internship Mentor.
- 2015 Aleda Leis, MS Biostatistics, Drexel University, School of Public Health. Thesis Advisor.
- 2014 to 2015 Advanced Quantitative Methods for Scholarship, PUBH 603, Instructor

- 2014 to 2015 Aleda Leis, MS Biostatistics, Drexel University, School of Public Health. Internship Mentor.
- 2014 to 2015 Elizabeth Mauer, MS Statistics, Temple University, Fox School of Business. Internship Mentor.
- 2014 to 2015 Rose Lu, MS Statistics, Temple University, Fox School of Business. Internship Mentor.
- 2014 to 2015 Fenfen Wang, MS Applied Statistics, West Chester University, Department of Mathematics. Internship Mentor.
- 2014 Nadya Golfenshtein, PhD Candidate, UPenn SON. Independent Study (Longitudinal Methods) Advisor.
- 2014 Alexis Zebrowski, MPH Student, UPenn SOM. Independent Study (Survival Methods) Advisor.
- 2014 Olushina Olawale Awe, LISA Fellow 2013-2014, Obafemi Awolowo University, Ile-Ife, Nigeria. Hosted Olawale at UPenn as a health science collaboration mentor.
- 2014 Paige Fisher, MS Biostatistics, Drexel University, School of Public Health. Thesis Advisor.
- 2013 to 2014 Paige Fisher, MS Biostatistics, Drexel University, School of Public Health. Internship Mentor.