

## Jingwei Wu

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CONTACT INFORMATION	1301 Cecil B Moore Avenue, Ritter Annex, Room 903 Department of Epidemiology and Biostatistics College of Public Health Temple University Philadelphia, PA 19122 USA	<i>Voice:</i> (215) 204-5839 <i>Fax:</i> (215) 204-1854 <i>E-mail:</i> jingwei.wu@temple.edu
STATUS	U.S. Citizen	
EDUCATION	Indiana University, Indianapolis, IN USA Ph.D., Biostatistics, May, 2015 <ul style="list-style-type: none"><li>• Dissertation Topic: "Single-Index Regression Models"</li><li>• Concentration: Clinical Research Methods</li><li>• Advisor: Wanzhu Tu</li></ul> University of Michigan, Ann Arbor, MI USA M.S., Biostatistics, May, 2000 Beijing University of Technology, Beijing, P.R.China B.S., Computational Mathematics and Applied Software, August, 1996	
ACADEMIC APPOINTMENT	Department of Epidemiology and Biostatistics, Temple University, Philadelphia, PA USA <b>Assistant Professor</b>	August, 2015 - present
PROFESSIONAL EXPERIENCE	Department of Biostatistics, Indiana University School of Medicine, Indianapolis, IN USA <b>Biostatistician (I, II, III)</b>  Department of Biostatistics, University of Michigan, Ann Arbor, MI USA <b>Research Assistant</b>  Information Center, China Everbright Group Ltd., Beijing, P.R.China <b>Network Supervisor</b>  Institute on Child Statistical Developmental Data, China Children Development Center, Beijing, P.R.China <b>Data Analyst</b>  Department of Applied Mathematics, Beijing University of Technology, Beijing, P.R.China <b>Research Assistant</b>	August, 2001 - August, 2015  August, 1998 - July, 2001  September, 1996 - June, 1998  May, 1995 - September, 1995  September, 1993 - September, 1994

TEACHING  
EXPERIENCE

Department of Epidemiology and Biostatistics, Temple University, Philadelphia, PA USA

**Instructor** January - May, 2018

- PH500: Special Topics: Practical Skills for Biostatistical Investigations (3 hrs)

**Instructor** May - June, 2017; June - August, 2018

- PH5002: Introduction of Biostatistics - Online (3 hrs)

**Instructor** January - May, 2017

- PH8301: Clinical Research Methods in Public Health (3 hrs)

**Instructor** August - December, 2015-17; January - May, 2016-18

- PH5002: Introduction of Biostatistics (3 hrs)

**Mentoring - Graduate students (chair)**

- Rasmi Nair - PhD student, Epidemiology, Temple University December, 2016 - July, 2018
- Andrew Paoletti - MPH student, Epidemiology, Temple University January - May, 2017

**Mentoring - Graduate students (committee)**

- Colleen Tewksbury - PhD student, Social and Behavioral Sciences, Temple University March, 2017 - May, 2018
- Brian Roberts - MS student, Epidemiology, Temple University Fall, 2017 - May, 2018
- Akashkumar Suthar - MPH student, Epidemiology, Temple University April - August, 2017
- Jerry Jacob - MPH student, Epidemiology, Temple University January - May, 2016
- Farah Sultan - MS student, Social Work, Temple University April - July, 2016

Department of Biostatistics, Indiana University School of Medicine, Indianapolis, IN USA

**Co-instructor** January - May, 2014

- B664: Applied GLM and Longitudinal Data Analysis (3 hrs)

**Mentor Assistant** August, 2007 - August, 2015

- MATH118: Finite Mathematics (3 hrs)
- MATH119: Brief Survey of Calculus (3 hrs)
- STAT301: Elementary Statistical Methods (3 hrs)
- STAT519: Introduction to Probability (3 hrs)
- STAT528: Mathematical Statistics I (3 hrs)
- R505: Measurement and Data Analysis (3 hrs)
- R607: Advanced Statistics in Nursing Research (3 hrs)
- B651: Biostatistics for Public Health (3 hrs)
- K300: Statistical Techniques (3 hrs)

PROFESSIONAL  
SERVICE -  
NATIONAL

1. Editorial board member
  - Journal of Global Epidemiology and Environmental Health (2017-current)
  - International Journal of Clinical Trials & Case Studies (2017-current)
2. Journal reviewer

- Journal of General Internal Medicine (2006, 2011)
  - Health Psychology (2011, 2014)
  - Journal of Musculoskeletal Pain (2014)
  - BMC Public Health (2014)
  - Journal of Psychosomatic Research (2015)
  - BMC Women's Health (2015)
  - Comprehensive Psychiatry (2015)
  - Statistics in Medicine (2016)
  - BMJ Open (2017, 2018)
  - Journal of Global Epidemiology and Environmental Health (2017)
  - Journal of Anxiety Disorders (2018)
  - BioMed Research International (2018)
  - Obesity Science and Practice (2018)
  - Advances in Integrative Medicine (2018)
  - Pain Research and Management (2018)
3. Ad-hoc NIH Reviewer: Early Career Reviewer (ECR) program at the Center for Scientific Review (CSR)
  4. Objective Reviewer: Association of Schools and Programs of Public Health (ASPPH) fellowships Program
  5. Volunteer for 19th International Chinese Statistical Association (ICSA) Applied Statistics Symposium, June, 2010. Indianapolis, IN, USA
  6. Interpreter Volunteer for Intel International Science and Engineering Fair, May, 2007. Indianapolis, IN, USA
  7. Judge for Technical Techniques Section, PharmaSUG Meeting, May, 2005. Phoenix, AR, USA

PROFESSIONAL  
SERVICE -  
ACADEMIC AND  
INSTITUTIONAL

1. Chair, Master Program Admission Committee, Department of Epidemiology and Biostatistics, College of Public Health, Temple University
2. Member, Curriculum and Assessment Committee, Department of Epidemiology and Biostatistics, College of Public Health, Temple University
3. Member, Admission Committee, Department of Epidemiology and Biostatistics, College of Public Health, Temple University
4. Member, Faculty Recruitment Committee, Department of Epidemiology and Biostatistics, College of Public Health, Temple University
5. Member, Advisory Committee, Department of Epidemiology and Biostatistics, College of Public Health, Temple University
6. Member, Reputation/Ranking Committee, Department of Epidemiology and Biostatistics, College of Public Health, Temple University
7. Affiliate Member, CORE (Center for Obesity Research and Education), College of Public Health, Temple University
8. Affiliate Member, Science Studies Network, Center for the Humanities at Temple, Temple University
9. Participant, Focus Group for New Building Planning & Design (Dry Lab Research Space), College

of Public Health, Temple University

PROFESSIONAL  
SOCIETIES

1. Member of the American Statistical Association (ASA).
2. Member of the International Biometric Society, Eastern North American Region (ENAR)
3. Member of the International Chinese Statistical Association (ICSA).

HONORS AND  
AWARDS

1. Internationalization Grant Awardee, Temple University, 2018
2. Research Assistantship, University of Michigan, 1998-2001
3. The second award of “The National University Students’ Computational Mathematics Modeling Competition Outstanding Graduate Award”, P.R.China, 1994
4. Undergraduate Fellowship, Beijing University of Technology, 1994-1996

PUBLICATIONS

**2018 and in press**

1. Lee, H; Kim, K; Kim, B; Shin, J; Rajan, S; **Wu, J**; Chen, X; Brown, MD; Lee, S; Park, J. (2018). “A cellular mechanism of muscle memory facilitates mitochondrial remodeling following resistance training”. *Journal of Physiology*. Highlighted by the journal including a perspective article within the printed issue. (In Press)
2. Guilkey, RE; Draucker, CB; **Wu, J**; Yu, Z; Kroenke, K. (2018). “Acceptability of a telecare intervention for persistent musculoskeletal pain”. *Journal of Telemedicine and Telecare*. 24(1):44-50. doi: 10.1177/1357633X16670815.

**2017**

3. Sehdev, A; Sherer, E; Hui, S; **Wu, J**; Haggstrom, D. (2017). “Patterns of Computed Tomography Surveillance in Survivors of Colorectal Cancer at Veterans Health Administration facilities”. *Cancer*. 123(12):2338-2351. doi: 10.1002/cncr.30569.
4. Jalal, S; Hanna, N; Zon, R; Masters, GA; Borghaei, H; Koneru, K; Badve, S; Prasas, N; Somaiah, N; **Wu, J**; Yu, Z. (2017). “Phase I Study of Amrubicin and Cyclophosphamide in Patients With Advanced Solid Organ Malignancies: HOG LUN 07-130”. *American Journal of Clinical Oncology*. 40(4):329-335. doi: 10.1097/COC.0000000000000160.
5. Jacob, J; **Wu, J**; Han, J; Nelson, DB. (2017). “Clostridium difficile in an Urban, University-Affiliated Long-Term Acute-Care Hospital”. *Infection Control & Hospital Epidemiology*. 38(3):294-299. doi: <https://doi.org/10.1017/ice.0000-0.291>.
6. Sanbord, RE; Patel, JD; Masters, G; Jayaram, N; Stephens, A; Guarino, M; Misleh, J; Williams, C; **Wu, J**; Hanna, N. (2017). “A randomized, double blind, phase II trial of platinum therapy plus etoposide with or without concurrent vandetanib (ZD6474) in patients with previously untreated extensive stage small cell lung cancer: Hoosier Cancer Research Network LUN06-113”. *Cancer*. 123(2):303-311. doi: 10.1002/cncr.30287.

**2016**

7. Krebs, EE; Kroenke, K; **Wu, J**; Bair, MJ; Kozak, MA; Yu, Z. (2016). “Opioid use as a predictor of health care use and pain outcomes: analysis of clinical trial data”. *Pain Medicine*. 17:1261-1268. doi: 10.1093/pm/pnw002.

8. **Wu, J**; Tu, W. (2016). "A multivariate single-index model for longitudinal data". *Statistical Modelling*. 16(5):392-408. doi: 10.1177/1471082X16655633.
9. Nelson, DB; Shin, H; **Wu, J**; Dominguez-Bello, MG. (2016). "The Gestational Vaginal Microbiome and Spontaneous Preterm Birth among Nulliparous African American Women". *American Journal of Perinatology*. 33(9):887-893. doi: 10.1055/s-0036-1581057.
10. Otte, JL; **Wu, J**; Yu, M; Carpenter, JS. (2016). "Evaluating the Sleep Hygiene Awareness and Practice Scale in Midlife Women With and Without Breast Cancer". *Journal of Nursing Measurement*. 24(2):258-267. doi: 10.1891/1061-3749.24.2.258.
11. Gracon, AS; Liang, TW; Rothhaar, K; **Wu, J**; Wilkes, DS. (2016). "HLA-DR13, DR15 are associated with short-term lung transplant outcomes". *Journal of Surgical Research*. 203(1):82-90. doi: 10.1016/j.jss.2016.03.041.
12. Willis, DR; Wang, Y; **Wu, J**; Walston, S; Ambuehl, R; Zillich, AJ. (2016). "Is the Safety Net Leaking?: Measuring Changes in Quality of Care and Healthcare Utilization for Patients with Diabetes Mellitus before and after Implementation of Cost-Sharing at a Public Hospital". *International Journal of Community & Family Medicine*. 1:102. doi: <http://dx.doi.org/10.15344/ijcfm/2016/102>.
13. Kroenke, K; **Wu, J**; Bair, MJ; Kean, J; Stump, T; Monahan, PO. (2016). "Patient Health Questionnaire Anxiety and Depression Scale: Initial Validation in Three Clinical Trials". *Psychosomatic Medicine*. 78(6):716-727. doi: 10.1097/PSY.0000000000000322.
14. Damush, TM; Kroenke, K; Bair, MJ; **Wu, J**; Tu, W; Krebs, EE; Poleshuck, E. (2016). "Pain self-management training increases self-efficacy, self-management behaviours and pain and depression outcomes". *European Journal of Pain*. 20(7):1070-1078. doi: 10.1002/ejp.830.
15. Scott, EL; Kroenke, K; **Wu, J**; Yu, Z. (2016). "Beneficial Effects of Improvement in Depression, Pain Catastrophizing, and Anxiety on Pain Outcomes: A 12-Month Longitudinal Analysis". *Journal of Behavioral Medicine*. 17(2):215-222. doi: 10.1016/j.jpain.2015.10.011.

## **2015**

16. Outcalt, SD; Kroenke, K; Krebs, EE; Chumbler, NR; **Wu, J**; Yu, Z; Bair, MJ. (2015). "Chronic Pain and Comorbid Mental Health Conditions: Independent Associations of Posttraumatic Stress Disorder and Depression with Pain, Disability, and Quality of Life". *Journal of Behavioral Medicine*. 38(3):535-543. doi: 10.1007/s10865-015-9628-3.

## **2014**

17. Bair, MJ; Ang, DC; **Wu, J**; Outcalt, SD; Sargent, C; Kempf, C; Froman, A; Schmid, AA; Damush, TM; YU, Z; Davis, LW; Kroenker, K. (2015). "Evaluation of Stepped Care for Chronic Pain (ESCAPE) in Veterans of Iraq and Afghanistan Conflicts: A Randomized Trial". *JAMA Internal Medicine*. 175(5):682-689. doi:10.1001/jamainternmed.2015.97.
18. Kroenke, K; Yu, Z; **Wu, J**; Kean, J; Monahan, P. (2014). "Operating characteristics of PROMIS 4-Item depression and anxiety scales in primary care patients with chronic pain". *Pain Medicine*. 15(11): 1892-1901. doi: 10.1111/pme.12537.
19. Kroenke, K; Krebs, EE; **Wu, J**; Yu, Z; Chumbler, NR; Bair, MJ. (2014). "Telecare collaborative management of chronic pain in primary care: a randomized controlled trial". *JAMA*. 312(3): 240-248. doi: 10.1001/jama.2014.7689.
20. Outcalt, SD; Ang, DC; **Wu, J**; Sargent, C; Yu, Z; Bair, MJ. (2014). "Pain experience of Iraq

and Afghanistan Veterans with comorbid chronic pain and posttraumatic stress”. *Journal of Rehabilitation Research & Development*. 51(4): 559-570. doi: 10.1682/JRRD.2013.06.0134.

21. Silbermann, R; Bolzoni, M; Storti, P; Guasco, D; Bonomini, S; Zhou, D; **Wu, J**; Anderson, J; Windle, J; Aversa, F; Roodman, GD; Giuliani, N. (2014). “Bone Marrow Monocyte / Macrophage Derived Activin A Mediates the Osteoclastogenic Effect of IL-3 in Multiple Myeloma”. *Leukemia*. 28(4): 951-954. doi: 10.1038/leu.2013.385.
22. Carpenter, JS; Igega, CM; Otte, JL; Burns, DS; Yu, M; **Wu, J**. (2014). “Somatosensory amplification and menopausal symptoms in breast cancer survivors and midlife women”. *Maturitas*. 78(1): 51-55. doi: 10.1016/j.maturitas.2014.02.006.
23. Shieh, C; **Wu, J**. (2014). “Depressive Symptoms and Obesity/Weight Gain Factors among Black and Hispanic Pregnant Women”. *Journal of Community Health Nursing*. 31(1): 8-19. doi: 10.1080/07370016.2014.868730.

### **2013**

24. **Wu, J**; Tu, W. (2013). “Development of a Pediatric Body Mass Index Using Longitudinal Single-Index Models”. *Statistical Methods in Medical Research*. 25(2): 872-884. doi: 10.1177/0962280212471470.
25. Chumbler, NR; Kroenke, K; Outcalt, SD; Bair, MJ; Krebs, E; **Wu, J**; Yu, Z. (2013). “Association between Sense of Coherence and Health-Related Quality of Life among Primary Care Patients with Chronic Musculoskeletal Pain”. *Health and Quality of Life Outcomes*. 11: 216. doi: 10.1186/1477-7525-11-216.
26. Brown, LF; Rand, KL; Bigatti, SM; Stewart, JC; Theobald, DE; **Wu, J**; Kroenke, K. (2013). “Longitudinal Relationships Between Fatigue and Depression In Cancer Patients with Depression and/or Pain”. *Health Psychology*. 32(12): 1199-1208. doi: 10.1037/a0029773.
27. Hirsh, AT; Hollingshead, NA; Bair, MJ; Matthias, MS; **Wu, J**; Kroenke, K. (2013). “The influence of patient’s sex, race and depression on clinician pain treatment decisions”. *European Journal of Pain*. 17(10):1569-1579. doi: 10.1002/j.1532-2149.2013.00355.x.
28. Kroenke, K; Outcalt, S; Krebs, E; Bair, MJ; **Wu, J**; Chumbler, N; Yu, Z. (2013). “Association between anxiety, health-related quality of life and functional impairment in primary care patients with chronic pain”. *General Hospital Psychiatry*. 35(4): 359-365. doi: 10.1016/j.genhosppsy.2013.03.020.
29. Erler, C; Edwards, NE; Ritchey, S; Pesut, DJ; Sands, L; **Wu, J**. (2013). “Perceived Patient Safety Culture in a Critical Care Transport Program”. *Air Medical Journal*. 32(4): 208-215.
30. Otte, JL; Skaar, TC; **Wu, J**; Yu, M; Ryker, K; Burns, DS; Carpenter, JS. (2013). “Medication use in breast cancer survivors compared to midlife women”. *Supportive Care in Cancer*. 21(7): 1827-1833. doi: 10.1007/s00520-013-1727-5.
31. Kroenke, K; Johns, SA; Theobald, D; **Wu, J**; Tu, W. (2013). “Somatic Symptoms in Cancer Patients: Trajectory Over 12 Months and Impact on Functional Status and Disability”. *Supportive Care in Cancer*. 21(3): 765-773. doi: 10.1007/s00520-012-1578-5.
32. Carpenter, JS; Burns, DS; **Wu, J**; Otte, J; Schneider, B; Ryker, K; Tallman, E; Yu, M. (2013). “Paced respiration for vasomotor and other menopausal symptoms: a randomized, controlled trial”. *Journal of General Internal Medicine*. 28(2): 193-200. doi: 10.1007/s11606-012-2202-6.
33. Kroenke, K; Krebs, EE; **Wu, J**; Bair, MJ; Damush, TM; Chumbler, N; York, T; Weitlauf, S; McCalley, S; Evans, E; Barnd, J; Yu, Z. (2013). “Stepped Care to Optimize Pain Care Effectiveness

(SCOPE) Trial: study design and sample characteristics". *Contemporary Clinical Trials*. 34(2): 270-281. doi: 10.1016/j.cct.2012.11.008.

34. Bair, MJ; Poleshuck, EL; **Wu, J**; Krebs, EE; Damush, TM; Tu, W; Kroenke, K. (2013). "Anxiety but not social stressors predict 12-month depression and pain severity". *Clinical Journal of Pain*. 29(2): 95-101. doi: 10.1097/AJP.0b013e3182652ee9.
35. Johns, SA; Kroenke, K; Krebs, EE; Theobald, DE; **Wu, J**; Tu, W. (2013). "Longitudinal comparison of three depression measures in adult cancer patients". *Journal of Pain and Symptom Management*. 45(1): 71-82. doi: 10.1016/j.jpainsymman.2011.12.284.
36. Carpenter, JS; Burns, DS; **Wu, J**; Yu, M; Ryker, K; Tallman, E; Von Ah, D. (2013). "Strategies used and data obtained during treatment fidelity monitoring". *Nursing Research*. 62(1): 59-65. doi: 10.1097/NNR.0b013e31827614fd.

## **2012**

37. Yu, M; **Wu, J**; Burns, DS; Carpenter, JS. (2012). "Designing Cost-efficient Randomized Trials by Using Flexible Recruitment Strategies". *BMC Medical Research Methodology*. 12:106. doi: 10.1186/1471-2288-12-106.
38. Von Ah, D; Carpenter, JS; Saykin, A; Monahan, PO; **Wu, J**; Yu, M; Rebok, G; Ball, K; Schneider, B; Weaver, M; Tallman, E; Unverzagt, F. (2012). "Advanced cognitive training for breast cancer survivors: A randomized controlled trial". *Breast Cancer Research and Treatment*. 135(3): 799-809. doi: 10.1007/s10549-012-2210-6.
39. Kroenke, K; Theobald, DE; **Wu, J**; Tu, W; Krebs, EE. (2012). "Comparative responsiveness of pain measures in cancer patients". *Journal of Pain*. 13(8): 764-772. doi: 10.1016/j.jpain.2012.05.004.
40. Noureldin, M; Plake, KS; Morrow, DG; Tu, W; **Wu, J**; Murray, MD. (2012). "Effect of Health Literacy on Drug Adherence in Patients with Heart Failure". *Pharmacotherapy*. 32(9): 819-826. doi: 10.1002/j.1875-9114.2012.01109.x.
41. Wang, HL; Kroenke, K; **Wu, J**; Tu, W; Theobald, D; Rawl, SM. (2012). "Predictors of Cancer-related Pain Improvement Over Time". *Psychosomatic Medicine*. 74(6): 642-647. doi: 10.1097/PSY.0b013e3182590904.
42. Carpenter, JS; **Wu, J**; Burns, DS; Yu, M. (2012). "Perceived control and hot flashes in treatment seeking breast cancer survivors and menopausal women". *Cancer Nursing*. cover article 35(3): 195-202. doi: 10.1097/NCC.0b013e31822e78eb.
43. Kroenke, K; **Wu, J**; Bair, MJ; Damush, TM; Krebs, EE; Tu, W. (2012). "Impact of depression on 12-month outcomes in primary care patients with chronic musculoskeletal pain". *Journal of Musculoskeletal Pain*. 20(1): 8-17. doi: 10.3109/10582452.2011.635844.
44. Von Ah, D; Skaar, R; Unverzagt, F; Yu, M; **Wu, J**; Schneider, B; Storniolo, AM; Moser, L; Ryker, K; Milata, J; Carpenter, JS. (2012). "Evaluating the Role of Serotonin on Neuropsychological Function after Breast Cancer using Acute Tryptophan Depletion". *Biological Research for Nursing*. 14(1): 5-16. doi: 10.1177/1099800410393273.

## **2011**

45. Wang, HL; Kroenke, K; **Wu, J**; Tu, W; Theobald, D; Rawl, SM. (2012). "Cancer-related pain and disability: a longitudinal study". *Journal of Pain and Symptom Management*. 42(6): 813-821. doi: 10.1016/j.jpainsymman.2011.02.019.

46. Sayar, H; Chan, RJ; Orschell, CM; Chan, EM; Yu, Z; Hood, D; Plett, A; Yang, Z; Hui, CL; Nabinger, SC; Kohlbacher, KJ; West, ES; Walter, A; Sampson, C; **Wu, J**; Cripe, LD. (2012). "Thrice weekly azacitidine does not improve hematological responses in lower-risk myelodysplastic syndromes: a study of the Hoosier Oncology Group". *Leukemia Research*. 35: 1108-1110. doi: 10.1016/j.leukres.2011.02.025.
47. Gerkenmeyer, JE; Perkins, SM; Day, J; Austin, JK; Scott, EL; **Wu, J**. (2012). "Maternal Depressive Symptoms when Caring for a Child with Mental Health Problems". *Journal of Child and Family Studies*. 20(5): 685-695. PMID: 22140301.
48. Kroenke, K; **Wu, J**; Bair, MJ; Krebs, EE; Damush, TM; Tu, W. (2011). "Reciprocal Relationship between Pain and Depression: A 12-Month Longitudinal Analysis in Primary Care". *The Journal of Pain*. Selected as a Faculty of 1000 paper: top 2% of published articles in biology and medicine. 12(9): 964-973. doi: 10.1016/j.jpain.2011.03.003.
49. Brown, LF; Kroenke, K; Theobald, DE; **Wu, J**. (2011). "Comparison of SF-36 vitality scale and Fatigue Symptom Inventory in assessing cancer-related fatigue". *Support Care Cancer*. 19: 1255-1259. doi: 10.1007/s00520-011-1148-2.
50. Johns, SA; Kroenke, K; Theobald, DE; **Wu, J**; Tu, W. (2011). "Telecare management of pain and depression in patients with cancer: Patient satisfaction and predictors of use". *Journal of Ambulatory Care Management*. 34(2): 126-139. doi: 10.1097/JAC.0b013e31820ef628.

## **2010**

51. Jalal, S; Bedano, P; Einhorn, L; Bhatia, S; Ansari, R; Bechar, N; Koneru, K; Govindan, R; **Wu, J**; Yu, M; Bottema, B; Hanna, N. (2010). "Paclitaxel plus Bevacizumab in Patients with Chemoresistant Relapsed Small Cell Lung Cancer (SCLC): A Safety, Feasibility and Efficacy Study (HOG - LUN05-99)". *Journal of Thoracic Oncology*. 5(12): 2008-2011. doi: 10.1097/JTO.0b013e3181f77b6e.
52. Casey, EM.; Harb, W; Bradford, D; Bufill, J; Nattam, S; Patel, J; Fisher, W; Latz, JE.; Li, X; **Wu, J**; Hanna, N. "Randomized, Double-Blinded, Multicenter, Phase II Study of Pemetrexed, Carboplatin, and Bevacizumab with Enzastaurin or Placebo in Chemonaive Patients with Stage IIIB/IV Non-small Cell Lung Cancer: Hoosier Oncology Group (LUN06-116)". *Journal of Thoracic Oncology*. 5(11): 1815-1820. doi: 10.1097/JTO.0b013e3181ee820c.
53. Kroenke, K; Theobald, D; **Wu, J**; Loza, JK; Carpenter, JS; Tu, W. (2010). "The Association of Depression and Pain with Health-Related Quality of Life, Disability, and Health Care Use in Cancer Patients". *Journal of Pain and Symptom Management*. 40(3): 327-341. doi: 10.1016/j.jpainsymman.2009.12.023.
54. Krebs, EE; Bair, MJ; Damush, TM; Tu, W; **Wu, J**; Kroenke, K. (2010). "Comparative Responsiveness of Pain Outcome Measures Among Primary Care Patients With Musculoskeletal Pain". *Medical Care*. 48(11): 1007-1014. doi: 10.1097/MLR.0b013e3181eaf835.
55. Kroenke, K; Theobald, D; **Wu, J**; Norton, K; Morrison, G; Carpenter, JS; Tu, W. (2010). "Effect of Telecare Management on Pain and Depression in Cancer Patients: A Randomized Trial". *JAMA*. 304(2): 163-171. doi: 10.1001/jama.2010.944.
56. Westmoreland, GR; Counsell, SR; Tu, W; **Wu, J**; Litzelman, DK. (2010). "Web-Based Training in Geriatrics for Medical Residents: A Randomized Controlled Trial Using Standardized Patients to Assess Outcomes". *Journal of the American Geriatrics Society*. 58: 1163-1169. doi: 10.1111/j.1532-5415.2010.02869.x.
57. Kroenke, K; Zhong, X; Theobald, D; **Wu, J**; Tu, W; Carpenter, JS. (2010). "Somatic Symptoms



in Cancer Patients with Pain and/or Depression: Prevalence, Disability, and Health Care Use.” *Archives of Internal Medicine*. 170(18): 1686-1694. doi: 10.1001/archinternmed.2010.337.

58. Brown, LF; Kroenke, K; Theobald, D; **Wu, J**; Tu, W. (2010). “The association of depression and anxiety with health-related quality of life in cancer patients with depression and/or pain”. *Psycho-Oncology*. 19(7): 734-741. doi: 10.1002/pon.1627.
59. Ang, DC; Bair, MJ; Damush, TM; **Wu, J**; Tu, W; Kroenke, K. (2010). “Predictors of Pain Outcomes in Patients with Chronic Musculoskeletal Pain Co-morbid with Depression: Results from a Randomized Controlled Trial”. *Pain Medicine*. 11(4): 482-491. doi: 10.1111/j.1526-4637.2009.00759.x.
60. Stubbs, D; Krebs, E; Bair, MJ; Damush, TM; **Wu, J**; Sutherland, J; Kroenke, K. (2010). “Sex Differences in Pain and Pain-Related Disability among Primary Care Patients with Chronic Musculoskeletal Pain”. *Pain Medicine*. 11(2): 232-239. doi: 10.1111/j.1526-4637.2009.00760.x.
61. Baird, CL; Murawski, MM; **Wu, J**. (2010). “Efficacy of Guided Imagery with Relaxation for Osteoarthritis Symptoms and Medication Intake”. *Pain Management Nursing*. 11(1): 56-65. doi: 10.1016/j.pmn.2009.04.002.

## **2009**

62. Kim, JS; Pressler, SJ; Welch, JL; Damush, TM; Sloan, RS; **Wu, J**; Groh, WJ. (2009). “Physical Function of Patients With Implantable Cardioverter-Defibrillators”. *The Journal of Cardiovascular Nursing*. 24(5): 398-409. doi: 10.1097/JCN.0b013e3181aa216c.
63. Jalal, S; Waterhouse, D; Edelman, JM; Nattam, S; Ansari, R; Koneru, K; Clark, R; Richards, A; **Wu, J**; Yu, M; Bottema, B; White, A; Hanna, N. (2009). “Pemetrexed plus Cetuximab in Patients with Recurrent Non-small Cell Lung Cancer (NSCLC): A Phase I/II Study from the Hoosier Oncology Group”. *Journal of Thoracic Oncology*. 10(4): 1-5. doi: 10.1097/JTO.0b013e3181b624ae.
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### **2003**

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#### PAPERS IN PREPARATION

1. **Wu, J**; Peng, H; Tu, W. (2017). “Large Sample Estimation and Inference in Multivariate Single-Index Models”. (under review)

#### CONFERENCE PRESENTATIONS - PRESENTING AUTHOR

1. **Wu, J**; Peng, H; Tu, W. (2017). “ A Multivariate Single-Index Model for Longitudinal Data”. *Invited Talk, The 3rd ICSA Canada Chapter Symposium with the Focus on Frontiers of Big Data and Statistical Sciences*. August, 2017. Vancouver, BC, Canada.
2. **Wu, J**; Peng, H; Tu, W. (2017). “A Multivariate Single-Index Regression Model”. *Invited Talk, ICSA China Conference with the Focus on Lifetime Data Science*. July, 2017. Jilin, P.R.China.
3. **Wu, J**; Peng, H; Tu, W. (2016). “Parameter Estimation and Asymptotic Properties in Multivariate Single Index Model”. *Contributed Talk, The 4th IBS-China International Biostatistical Conference*. July, 2016. Shanghai, P.R.China.
4. **Wu, J**; Tu, W; Peng, H. (2015). “Parameter Estimation in Multivariate Single Index Model”. *Contributed Talk, Joint Statistical Meetings*. August, 2015. Seattle, WA, USA.
5. **Wu, J**; Tu, W. (2013). “A Multivariate Single Index Model for Longitudinal Data with Application in Clinical Investigation”. *Contributed Talk, Joint Statistical Meetings*. August, 2013. Montreal, QC, Canada.
6. **Wu, J**; Tu, W. (2011). “A Single Index Modeling for Longitudinal Data with an Application to a Blood Pressure Study”. *Contributed Talk, Joint Statistical Meetings*. August, 2011. Miami Beach, FL, USA.
7. **Wu, J**; Murray, MD; Tu, W. (1998). “Deviation from Intended Exposure to Metoprolol Predicts Systolic Blood Pressure Better than Adherence Alone in Patients with Hypertension”. *Invited Talk, First International Symposium of Biopharmaceutical Statistics*. August, 1998. Shanghai, P.R.China.

#### CONFERENCE PRESENTATIONS AND POSTERS - CONTRIBUTING AUTHOR

1. The Effect of the Essity Hand Hygiene Education program on Increasing knowledge and Skill of Handwashing in Philadelphia Preschools. CPH Research Day, 2018, May, Philadelphia, PA, USA.
2. The impact of rainfall accumulation on the leaching of septic systems into groundwater supplies in rural Pennsylvania. Pennsylvania Groundwater Symposium, 2018, May, State College, PA, USA.
3. Direct access PT vs. physician entry portal for Temple Univ. employees with recent onset musculoskeletal conditions: a randomized controlled trial (RCT) TEMPLE Trial. American Physical Therapy Association (APTA) Combined Sections Meeting, February, 2018, New Orleans, LA, USA.
4. Could Septic System be the Source of Human Fecal Markers in Private Wells in Rural Pennsylvania?

Research Conference at Penn State University, 2017, May, University Park, PA, USA.

5. Delayed or Missing Preventative Care and Problems Getting Specialist Care in Children with Mental Health Disorders. CPH Research Day, 2017, May, Philadelphia, PA, USA.
6. Clostridium difficile in an Urban, University-Affiliated LTACH. IDWeek, 2016, October, New Orleans, LA, USA.
7. The Gestational Vaginal Microbiome and Spontaneous Preterm Birth among nulliparous African American Women. 29th Annual Meeting Society for Pediatric and Perinatal Epidemiologic Research, June, 2016, Miami, FL, USA.
8. The Role of the Gestational Vaginal Microbiome on Preterm Delivery among Nulliparous African American Women. Epidemiology Congress of the Americas, June, 2016, Miami, FL, USA.
9. HLA-DR13 and -DR15 Are Associated with Short-term Rejection in Lung Transplantation. 11th Annual Academic Surgical Congress, February, 2016, Jacksonville, FL, USA.
10. The quality of CT surveillance in resected colorectal cancer survivors at Veterans Health Administration facilities. Gastrointestinal Cancers Symposium, January, 2016. San Francisco, CA, USA.
11. Patients's Perceptions of Healthcare Provider Communication and Understanding of Prescribed Medications. Communication Medicine and Ethics (COMET), June, 2015. Hong Kong, P.R.China.
12. Final results of a phase I study of amrubicin and cyclophosphamide in patients with advanced solid organ malignancies: HOG LUN 07-130. ASCO Annual Meeting, May, 2014. Chicago, IL, USA.
13. A randomized double blind phase II trial of platinum (P) plus etoposide (E) +/- concurrent ZD6474 (Z) in patients (pts) with previously untreated extensive stage (ES) small cell lung cancer (SCLC): Hoosier Cancer Research Network LUN06-113. ASCO Annual Meeting, May, 2014. Chicago, IL, USA.
14. From Check-in to Room: Factors Affecting Outpatient Clinic Wait Time in a Primary Care Office. Society of Teachers of Family Medicine (STFM) Annual Spring Conference, May 2014. San Antonio, TX, USA.
15. Paced Respiration for Vasomotor and Other Menopausal Symptoms: A Randomized, Controlled Trial, IUPUI Research Day, April, 2013. Indianapolis, IN, USA.
16. Increased Number of Painful Body Sites Is Associated with Worse Pain and Disability-Associated Outcomes Among Returning Operations Enduring Freedom/Operation Iraqi Freedom Service Members, 12th ACR/ARHP Annual Meeting, November, 2012. Washington, D.C., USA.
17. Predictors of Cancer-related Pain Improvement over 12 Months, National State of the Science Congress on Nursing Research, September, 2012. Washington, D.C., USA.
18. Treatment fidelity monitoring: strategies and data, National State of the Science Congress on Nursing Research (Council for the Advancement of Nursing Science), September, 2012. Washington, D.C., USA.
19. Randomized controlled trial of paced respiration for menopausal symptoms, 23rd Honor Society of Nursing, Sigma Theta Tau International Nursing Research Congress, August, 2012. Brisbane, Australia.

20. Provider decision making in chronic pain management: Influence of patient sex, race, and depression, 31st American Pain Society (APS) Annual Meeting, May, 2012. Honolulu, HI, USA.
21. Breathe-intervention for hot flashes, interference, and associated outcomes, 13th World Congress on Menopause, June, 2011. Rome, Italy.
22. Multilevel Barriers and Facilitators at the Patient, Provider, and Organizational Levels Upon Guideline-Concordant Surveillance Colonoscopy Among Veterans, The Multilevel Interventions in Health Care: Building the Foundation for Future Research Goals conference, March, 2011. Las Vegas, NV, 2011.
23. Breathe-intervention for hot flashes, interference, and associated outcomes. 11th National Conference on Cancer Nursing Research, February, 2011. Los Angeles, CA, USA.
24. Surveillance Testing Among Colorectal Cancer Survivors, the 5th Biennial Cancer Survivorship Research Conference, June, 2010. Washington D.C., USA.
25. Bone Turnover Markers and Serum Homocysteine in Young Adult Women on Antiepileptic Drug Monotherapy, 63rd American Epilepsy Society (AES) Annual Meeting, December, 2009. Boston, MA, USA.
26. Effect of health literacy on adherence in heart failure patients, 25th International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), August, 2009. Providence, RI, USA.
27. Randomized, Double-Blind, Multicenter, Phase II Study of Pemetrexed (PEM), Carboplatin (CARBO), Bevacizumab (BEV) with Enzastaurin (ENZ) or Placebo (PBO) in Chemo-Nave Patients with Stage IIIB/IV Non-Small Cell Lung Cancer (NSCLC): Hoosier Oncology Group (HOG) LUN06-116, ASCO Annual Meeting, May, 2009. Orlando, FL, USA.
28. The Long Term Effects of a Combined Pharmacological and Behavioral Intervention on Self-Efficacy and Self-Management Behaviors among Primary Care Patients with Pain and Depression, 30th Society of Behavioral Medicine (SBM) Annual Meeting, April, 2009. Montreal, QC, Canada.
29. Mastery, Age, and Physical Function in Patients with Defibrillators, 33rd Annual MNRS Research Conference, March, 2009. Minneapolis, MN, USA.
30. Cognitive dysfunction in breast cancer survivors: The role of serotonin. 10th National Conference on Cancer Nursing Research, February, 2009. Orlando, FL, USA.
31. Acute tryptophan depletion, central serotonin, and hot flashes after breast cancer. National State of the Science Congress in Nursing Research (Council for Advancement of Nursing Science), October, 2008. Washington, D.C., USA.
32. The Role of Serotonin in Hot Flashes After Breast Cancer, Department of Defence Breast Cancer Research Program Meeting, June, 2008. Baltimore, MA, USA.
33. Paclitaxel (P) plus bevacizumab (B) in patients (pts) with Chemosensitive Relapsed Small Cell Lung Cancer (SCLC): A Safety, Feasibility and Efficacy trial from the Hoosier Oncology Group, May, 2008. Chicago, IL, USA.
34. Cancer patients report high levels of health related psychosocial distress, ASCO Annual Meeting, May, 2008. Chicago, IL, USA.

35. Acute tryptophan depletion, central serotonin, and hot flashes after breast cancer, International Menopause Society Conference, May, 2008. Madrid, Spain.
36. Optimizing Antidepressant Therapy in Primary Care Patients with Musculoskeletal Pain and Depression: A Randomized Controlled Trial, 31th Society of General Internal Medicine (SGIM) Annual Meeting, Opening Plenary Sessions, April, 2008. Pittsburgh, PA, USA.
37. Development and initial validation of a 3-item Brief Pain Inventory, 31th Society of General Internal Medicine (SGIM) Annual Meeting, April, 2008. Pittsburgh, PA, USA.
38. Pharmacist Intervention on Medication Adherence in Low-income Patients with Hypertension: A Randomized Trial, 109th American Society for Clinical Pharmacology and Therapeutics (ASCPT) Annual Meeting, March, 2008. Orlando, FL, USA.
39. Predictors of toxicity to consolidation docetaxel (D) following cisplatin (P) plus etoposide (E) plus concurrent radiation (XRT) in patients (pts) with stage III non-small cell lung cancer (NSCLC) treated on a phase III randomized trial, ASCO Annual Meeting, June, 2007. Chicago, IL, USA.
40. Correlation of Concurrently Prescribed Medications in Patients with Heart Failure, European Society for Patient Adherence, Compliance, and Persistence (ESPACOMP), November, 2007. Lyon, France.
41. Pharmacist Intervention to Improve Adherence in Cardiovascular Diseases, European Society for Patient Adherence, Compliance, and Persistence (ESPACOMP), November, 2007. Lyon, France.
42. Pharmacist Intervention on Medication Adherence in Low-income Patients with Hypertension: A randomized trial, 6th Annual National Health Communication Conference, Advances in Health Literacy, November, 2007. Washington, D.C., USA.
43. A Pharmacist Intervention for Patients with Hypertension: A randomized controlled trial, American College of Clinical Pharmacy (ACCP) Annual Meeting, October, 2007. Denver, CO, USA.
44. Pain Self-Management Skills among Primary Care Patients with Pain and Depression, Academy of Health Annual Research Meeting, June, 2007. Orlando, FL, USA.
45. Gender differences in pain-specific disability, beliefs and behavior among primary care patients with chronic pain, 30th Society of General Internal Medicine (SGIM) Annual Meeting, April, 2007. Toronto, ON, Canada.
46. Pain Self-Management Skills among Primary Care Patients with Pain and Depression, 30th Society of General Internal Medicine (SGIM) Annual Meeting, April, 2007. Toronto, ON, Canada.
47. Depression and Anxiety have Independent and Additive Adverse Effects on Pain in Primary Care Patients with Chronic Musculoskeletal Conditions, 30th Society of General Internal Medicine (SGIM) Annual Meeting, April, 2007. Toronto, ON, Canada.
48. Pain Self-Management Skills among Primary Care Patients with Pain and Depression, 30th Society of General Internal Medicine (SGIM) Annual Meeting, April, 2007. Toronto, ON, Canada.
49. Exploration of Child and Caregiver Wellbeing within School Based Mental Health Services as Compared with Other Community Mental Health Services, 9th International Society of Psychiatric-Mental Health Nurses (ISPN) Annual Conference, April, 2007. Montreal, QC, Canada.
50. Factors Associated with a Delay to Diagnosis of Pediatric Epilepsy, 60th American Epilepsy Society

(AES) Annual Meeting, December, 2006. San Diego, CA, USA.

51. Effects of a Multilevel Pharmacy-based Intervention on Medication Adherence and Health Outcomes in Low-income Patients with Heart Failure: Results of a randomized, controlled trial, 5th Annual National Health Communication Conference, Advances in Health Literacy, November, 2006. Washington, D.C., USA.
52. Genetic Correlates of Cortico-Limbic Activity and Connectivity in Major Depression, 44th American College of Neuropsychopharmacology (ACNP) Annual Meeting, December, 2005, Waikoloa, HI, USA.
53. Improving Drug Use in Older Adults with Chronic Heart Failure: Results of a Randomized, Controlled Trial, 21st International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), August, 2005. Nashville, TN, USA.
54. A Markov Model for Risk of Chlamydial Infection and Condom Effectiveness, 16th Biennial Conference of the International Society for Sexually Transmitted Diseases Research (ISSTD), July, 2005. Amsterdam, The Netherlands.
55. Failure to Intensify Antihypertensive Therapy, 28th Society of General Internal Medicine (SGIM) Annual Meeting, April, 2005. New Orleans, LA, USA.
56. A Pharmacy-based Intervention Reduces Emergency-department Visits in Patients with hypertension, 28th Society of General Internal Medicine (SGIM) Annual Meeting, April, 2005. New Orleans, LA, USA.
57. fMRI Monitoring of Antidepressant Response with Measures of Mood Circuit Activity and Connectivity, 50th Annual National Institute of Mental Health (NIMH) New Clinical Drug Evaluation Unit (NCDEU) Meeting, June, 2004. Phoenix, AR, USA.
58. A Novel Method for Calculating Refill Adherence Using Weighting of Dose Intervals Vs Time Intervals, 27th Society of General Internal Medicine (SGIM) Annual Meeting, April, 2004. Chicago, IL, USA.
59. Induction of Increased Cortico-Limbic Connectivity Associated with Antidepressant Response in Major Depression - an fMRI study, 59th Society of Biological Psychiatry (SBP) Annual Meeting, April, 2004. New York, NY, USA.
60. Health literacy predicts medication adherence, 105th American Society for Clinical Pharmacology and Therapeutics (ASCPT) Annual Meeting, March, 2004. Miami Beach, FL, USA.
61. Use of electronic adherence with PK parameters to predict outcomes of older adult heart failure patients, 105th American Society for Clinical Pharmacology and Therapeutics (ASCPT) Annual Meeting, March, 2004. Miami Beach, FL, USA.
62. Ability of medication adherence, knowledge and skills to predict emergency department visits in older adults with heart failure, 105th American Society for Clinical Pharmacology and Therapeutics (ASCPT) Annual Meeting, March, 2004. Miami Beach, FL, USA.
63. Effect of verbal comprehension on medication adherence, DIA 5th Annual Workshop on Pharmaceutical Outcomes Research, January, 2004. Tucson, AZ, USA.
64. Vision, Reading, and Health Literacy as Predictors of Medication Adherence, American College of Clinical Pharmacy (ACCP) Annual Meeting, November, 2003. Atlanta, GA, USA.



65. Return for Results after Type-Specific Herpes Simplex Virus (HSV) Screening, 15th Biennial Conference of the International Society for Sexually Transmitted Diseases Research (ISSTD), July, 2003. Ottawa, ON, Canada.

GRANT SUPPORT - ACTIVE - 1. R01 DK108628-01, NIH/DHHS, Psychopathology, Disordered Eating, and Impulsivity as Predictors of Outcomes of Bariatric Surgery (PI: Sarwer, DB), 01/01/2016-07/31/2020

Role: Co-I

2. R01 NS102157-01, NIH/ANIE, Behavioral- and bio-markers of subconcussion with controlled human head impact (PI: Jeka, J), 04/01/2017-03/31/2022

Role: Co-I

3. 1-17-ICTS-066, ADA, Experimental changes in children's sleep duration and timing: effect on obesity and type 2 diabetes risk (PI: Hart, C), 01/01/2017-12/31/2019

Role: Co-I

4. R34 DA046305, NIH/NIDA, Development and pilot testing of a PrEP communication intervention and integration into existing HIV testing services for female IV drug using clients of a needle exchange (PI: Bass, S), 09/01/2017-08/31/2021

Role: Co-I

5. NCT03427177, Merck Pharmaceuticals, mychoice: Testing an interactive mHealth tool to enhance communication and informed decision making in cancer patients from underrepresented populations (PI: Fleisher, L and Bass, S), 04/06/2017-06/30/2018

Role: Co-I

6. AAC, Academic, Athletic, and Psychosocial Performance and Functioning in College Student (PI: LaGrotte, C), 07/01/2017-06/30/2018

Role: Co-I

7. Essity North America, Essity/School District of Philadelphia PreK Hand Hygiene Education Program (PI: Dingman, D), 01/01/2018-12/31/2018

Role: Co-I

8. RSG-18-024-01-CPPB, ACS, E-IMPART: Enhancing Informed decisions in Physicians & Afr. Amers (PI: Hall, M and Bass, S), 07/01/2018-06/30/2023

Role: Co-I

9. Temple University Internationalization Grants, Fostering the academic exchange program and research collaboration with southeast University, Sichuan University and Wenzhou Medical University in China (PI: Wu, J), 07/01/2018-06/30/2019

Role: PI

GRANT SUPPORT - COMPLETED - 1. A2017-423, Geisinger Clinic, Longitudinal Study of Geisinger Clinic Patients with Urologic and Non-Urologic Diseases (PI: Williams, H), 05/30/2017-03/31/2018

Role: Co-PI

2. IIR 12-095, VA HSR&D, Comprehensive vs. Assisted Management of Mood and Pain Symptoms (CAMMPS) Trial (PI: Kroenke, K), 06/01/2013-05/31/2017

Role: Biostatistician

3. IIR 10-128, VA HSR&D, Care Management for the Effective Use of Opioids (CAMEO) (PI: Bair, MJ), 08/01/2011-07/30/2015

Role: Biostatistician

4. IIR 07-119, VA HSR&D, Stepped Care to Optimize Pain Care Effectiveness (SCOPE)(PI: Kroenke, K), 10/01/2009-09/30/2013  
Role: Biostatistician
5. CDA 07-016, VA HSR&D CDA, Colorectal Cancer Survivor Surveillance Care and Personal Health Records(PI: Haggstrom, DA), 10/01/2008 - 01/31/2013  
Role: Biostatistician
6. F4437-I, VA RR&D, Evaluation of Stepped Care for Chronic Pain in Iraq/Afghanistan Veterans (ESCAPE)(PI: Bair, MJ), 12/01/2007-09/30/2012  
Role: Biostatistician
7. R01 CA132927-01, NIH/NCI, Breath-Intervention for Hot Flashes, Interference, and Associated Outcomes(PI: Carpenter, J), 05/12/2008-02/28/2012  
Role: Co-I
8. #64194, Robert Wood Johnson Foundation, Nurse Faculty Scholar, Memory Intervention for Breast Cancer Survivors(PI: Von Ah, D), 09/01/2008-01/31/2012  
Role: Biostatistician
9. W81XWH-05-1-0326, United State Army, The Role of Serotonin in Hot Flashes After Breast Cancer(PI: Carpenter, J), 03/01/2005-03/31/2008  
Role: Biostatistician
10. R01 MH071268-02, NIH/NCMH, Stepped Care for Depression and Musculoskeletal Pain(PI: Kroenke, K), 09/01/2004-05/31/2008  
Role: Biostatistician
11. R01 HD042404-01, NIH/NICHD, Statistical Tools For Daily STD/HIV Behavioral Reports(PI: Tu, W), 12/01/2003-11/30/2006  
Role: Biostatistician
12. R01 HL69399-01, NIH/NHLBI, Improving Drug Use in Patients with Hypertension(PI: Murray, MD), 09/30/2001-09/29/2005  
Role: Biostatistician
13. R01 AG07631, NIH/NIA, Clinical Pharmacology of Loop Diuretics(PI: Brater, DC), 09/01/2000-08/31/2005  
Role: Biostatistician
14. R01 AG19105, NIH/NIA, Improving Drug Use for the Elderly(PI: Murray, MD), 09/29/2000-09/28/2004  
Role: Biostatistician
15. UR6/CCU517826, CDC, Strategies to Prevent Genital Herpes Simplex Infections(PI: Fife, KH), 08/30/2002-08/29/2003  
Role: Biostatistician

#### COMPUTER SKILLS

- Statistical Packages: Extensive use of SAS, SPSS, R, S-Plus, BUGS.
- Languages: MPI parallel processing library.
- Applications: L<sup>A</sup>T<sub>E</sub>X, common Windows database, spreadsheet, and presentation software
- Operating Systems: Unix/Linux, Windows.

