

1. BIOGRAPHICAL DATA

Personal Information

Place of Birth: Zhejiang Province, P. R. China
 Marital Status: Married, two sons born in 1998, 2002

Citizenship

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Education

Ph.D. in Statistics; (1998)	Cornell University
M.S. in Statistics; (1997)	Cornell University
M.A. in Probability and Statistics (1992)	Nankai University
B.S. in Probability and Statistics (1989)	Peking University

Employment

09/2010 - present	Associate Professor, Department of Biostatistics, College of Medicine and College of Public Health and Health Professions, University of Florida.
07/2008 - present	Affiliate Associate Professor, Department of Statistics, University of Florida.
07/2002 - present	Director of the Biostatistics Core, VA Brain Rehabilitation Research Center.
09/2010 - 10/2012	Interim Chair, Department of Biostatistics, College of Medicine and College of Public Health and Health Professions, University of Florida.
07/2008 - 09/2010	Associate Professor (with tenure), Department of Epidemiology and Health Policy Research, University of Florida.
07/2005 - 07/2008	Assistant Professor, Department of Epidemiology and Health Policy Research, University of Florida.
08/1998 - 07/2005	Research Assistant then (from 09/2001) Assistant Professor, Department of Statistics, University of Florida.
08/1992 - 07/1994	Software Engineer, Tianjin Computing Center, Tianjin, China.

2. SCHOLARSHIP AND CREATIVE ACTIVITY

Publications in Refereed Journals

[A. Theory and Methods]

1. Lu, X., Sun, A. and **Wu, S. S.** (2013). On estimating the mean of the selected normal population under the LINEX loss function in two-stage adaptive designs. *Journal of Statistical Planning and Inference*. (accepted).
2. Tao, L., **Wu, S. S.**, Chen, S. G., Yang, M. C. K. (2013). Generalized energy-efficient algorithms for the RFID estimation problem. *ACM/IEEE Transaction On Networking*. (accepted).
3. Chang, M., Jung, S. H., **Wu, S. S.** (2011). Two-stage designs with additional utility tests for phase ii clinical trials with heterogeneous patient populations. *Sequential Analysis*. 30: 338-349.
4. Neal, D., Casella, G., Yang, M. C. K., **Wu, S. S.** (2011). Interval estimation in two-stage, drop-the-losers clinical trials with flexible treatment selection. *Statistics in Medicine*. 30(23): 2804-14. (PMID:21823142)
5. Mee, R. W., Ford, J. J. and **Wu, S. S.** (2011). Step-up tests with a single cutoff for unreplicated orthogonal designs. *Journal of Statistical Planning and Inference* 141: 325-334.
6. Luo, X. L., **Wu, S. S.**, Xiong, J. (2010). Parameter estimation following an adaptive treatment selection trial design. *Biometrical Journal*. 52(6):823-35.
7. Tao, L., **Wu, S. S.**, Chen, S. G., Yang, M. C. K. Energy efficient algorithms for the RFID estimation problem. *Proc. IEEE INFOCOM, 2010*.
8. **Wu, S. S.**, Rao, P. V., and Raychaudhuri, A. (2010). Optimal weights for a class of rank tests for censored bivariate data. *The legacy of Alladi Ramakrishnan in the mathematical sciences (K. Alladi, J. R. Klauder, C. R. Rao, Eds.) Springer, New York*.
9. Neal, D., Tan, J., Hao, F., **Wu, S. S.** (2010) Simply better: using regression models to estimate major league batting averages. *Journal of Quantitative Analysis in Sports* Vol. 6: Iss. 3, Article 12.
10. **Wu, S. S.**, Wang, W., Yang, M. C. K. (2010). Interval estimation for drop-the-loser designs. *Biometrika* 97: 405-418.
11. Chang, M., Wu, R. L., **Wu, S. S.**, and Casella, G. (2009). A score-statistic approach for mapping quantitative trait loci from a genetic linkage map. *Statistical Applications in Genetics and Molecular Biology* Vol. 8 : Iss. 1, Article 16.
12. **Wu, S. S.** and Yang M. C. K. (2008). An improved double-elimination tournament with application to the FIFA world cup. *Mathematical Scientist* 33: 79-92.
13. **Wu, S. S.**, Wang, W. Z., Annis, D. (2008). On identification of inferior treatments using the Newman-Keuls test. *Biometrical Journal* 5: 861-869.
14. **Wu, S. S.**, Wang, W. Z. (2008). A note on step-up simultaneous tests in orthogonal saturated designs. *Journal of Statistical Planning and Inference* 138: 3149-3156.

15. **Wu, S. S.**, Wang, W. Z. (2007). Step-up simultaneous tests for identifying active effects in orthogonal saturated designs. *Annals of Statistics* 35(1): 449-463.
16. Annis, D. and **Wu, S. S.** (2007). Improved college football scheduling using a modified Swiss system. *Chance* 20(1): 6-10.
17. **Wu, S. S.**, Yang, M. C. K. (2007). Using pilot study information to increase efficiency in clinical trials. *Journal of Statistical Planning and Inference* 137(7): 2172-2183.
18. **Wu, S. S.**, Annis, D. (2007). Asymptotic relative efficiency of the majority rule and rank-sum method for selecting best population. *Journal of Statistical Planning and Inference* 137(6): 1838-1850.
19. Shuster, J. J., **Wu, S. S.**, Sun, A. Q. (2006) Design alternatives to four team double elimination tournaments. *The Mathematical Scientist* 31: 95-106.
20. **Wu, S. S.** (2006). Combining univariate tests for multivariate location problem. *Communication in Statistics* 35: 1483-1494.
21. Annis, D., **Wu, S. S.** (2006). A comparison of potential playoff systems for NCAA I-A football. *The American Statistician* 60(2):151-157.
22. **Wu, S. S.**, Li, H. Y., and Casella, G. (2006). Tests with optimal average power in multivariate analysis. *Statistical Sinica* 16(1): 255-266.
23. **Wu, S. S.**, Wells, M. T. (2005). An extension of the metropolis algorithm. *Communications in Statistics (Theory and Method)* 34(3): 585-596.
24. **Wu, S. S.**, Yang M. C. K. (2004). Evaluation of current rule in figure skating and possible improvements. *The American Statistician*, Vol. 58: 46-54.
25. **Wu, S. S.**, Wells, M. T. (2003). Nonparametric hazard estimation using wavelet methods. *J. Nonpar. Stat.*, Vol. 15(2), 187-203.
26. Wu, R. L., Ma, C. X., Yang, M. C. K., Chang, M., Littell, R. C., Santra, U., **Wu, S. S.**, Yin, T. M., Huang M. R. and Casella, G. (2003). Quantitative trait loci for growth trajectories in Populus. *Genetical Research*, 81(1), 51-64. 235:245.
27. Wu, R. L., Ma, C. X., **Wu S. S.**, and Zeng Z-B. (2002). Linkage mapping of sex-specific differences. *Genetical Research*, 77: 70-80.
28. **Wu, S. S.**, Ma, C. X., Wu, R. L., and Casella, G. (2002). A hierarchical statistical model for estimating population properties of quantitative genes. *BMC Genetics*, 3:10.
29. Wu, R. L., Ma C. X., Chang, M., Littell, R. C., **Wu, S. S.**, Yin, T. M., Huang M., Wang M. and Casella, G. (2002). A logistic mixture model for characterizing genetic determinants causing differentiation in growth trajectories. *Genetical Research*, 79, 235:245.
30. **Wu, S. S.**, Wu, R. L., Ma, C-X., Zeng, Z. B., Yang, M. C. K. and Casella, G. (2001). A multivalent pairing model of linkage analysis in autotetraploids. *Genetics*, Vol. 159(3): 1339-50.
31. Wu, R. L., Li, B. L., **Wu, S. S.**, and Casella, G. (2001). A maximum likelihood-based method for mining major genes affecting a quantitative character. *Biometrics* Vol. 57(3), 764-8.

32. Mo, S., **Wu, S. S.**, Chen, R. and Yang, M. C. K. (2001). Optimal sequential allocation with imperfect feedback information. *J. Applied Probability*, Vol. 38, No.1: 248-254.

[B. Applications]

33. Nadeau, S. E., **Wu, S. S.**, Dobkin, B. H., Azen, S. P., Rose, D. K., Tilson, J. K., Cen, S., Duncan, P. W., for The LEAPS Investigative Team. Functional walking ability 2 to 6 months after stroke: effects of progressive task-specific and therapeutic exercise rehabilitation programs compared to usual care. *Neurorehabilitation and Neural Repair*. (accepted).
34. Bernal-Pacheco, O., Oyama G, Foote, K. D., Dai, Y., **Wu, S. S.**, Jacobson, C. E., Limotai, N. Zeilman, P., Romrell, J., Hwynn, N., Rodriguez, R. L., Malaty, I. A., Okun, M. S. (2012). Taking a Better History for Behavioral Issues Pre- and Post-DBS: Issues Missed by Standardized Scales. *Neuromodulation: Technology at the Neural Interface*. (accepted).
35. Jia H, Cowper DC, Chuang H, **Wu, S. S.**, Vogel WB, Chen JG, Litt ER, Reker D. Preventable hospitalization and risk factors among VHA stroke patients. *Federal Practitioner*. (accepted).
36. Dunning, K., O'Dell, M., Kluding, P., **Wu, S. S.**, Feld, J., Ginosian, J., McBride, K. (2013). The Functional Ambulation: Standard Treatment vs. Electrical Stimulation Therapy (FASTEST) Trial for Stroke: Study Design and Protocol. *Open Access Journal of Clinical Trials*. 3(5): 39-49.
37. Hassan, A., **Wu, S. S.**, Schmidt, P., Malaty, I. A., Dai, Y. F., Miyasaki, J. M., Okun, M. S. (2012). What are the issues facing Parkinson's disease patients at ten years of disease and beyond?: Data from the NPF-QII study. *Parkinsonism Relat Disord*. (PMID:22776044)
38. Corti M., McGuirk T. E., **Wu, S. S.**, Patten C. (2012). Differential Effects of Power Training Versus Functional Task Practice on Compensation and Restoration of Arm Function After Stroke. *Neurorehabilitation and Neural Repair*. 26(7):842-54. (PMID:22357633)
39. Oyama, G., Foote, K. D., Jacobson, C. E., Velez-Lago, F., Go, C., Zeilman, P., Romrell, J., **Wu, S. S.**, Neal, D., Okun, M. S. (2012). GPi and STN deep brain stimulation can suppress dyskinesia in Parkinson's disease. *Parkinsonism Relat Disord*. 18(7):814-8. (PMID:22525365)
40. George S. Z., Childs J. D., Teyhen D. S., **Wu, S. S.**, Wright A. C., Dugan J. L., Robinson M. E. (2012). Predictors of occurrence and severity of first time low back pain episodes: findings from a military inception cohort. *PLoS One* 7(2):e30597. (PMID:22355317)
41. Tilson, J. K., **Wu, S. S.**, Cen, S., Feng, Q., Rose, D. K., Behrman, A. L., Azen, S. P., Duncan, P. W. for The LEAPS Investigative Team. (2012). Characterizing and identifying risk for falls in the leaps study: a randomized clinical trial of interventions to improve walking post-stroke. *Stroke*. 43(2): 446-52. (PMID:22246687)

42. Day, K. V., Kautz, S. A., **Wu, S. S.**, Suter, S. T., Behrman, A. L. (2012). Foot placement variability as a walking balance mechanism post-spinal cord injury. *Clinical Biomechanics*. 27(2): 145-50.(PMID:22000699)
43. Velez-Lago, F., Oyama, G., Foote, K. D., Hwynn, N., Zeilman, P., Jacobson, C. E., **Wu, S. S.**, Okun, M. S. (2011). Low frequency deep brain stimulation for dystonia: lower is not always better. *Tremor and Other Hyperkinetic Disorders*. 1: <http://tremorjournal.org/article/view/55>
44. Hwynn, N., Uaq, I. U., Malaty, I. A., Resnick, A. S., Dai, Y. Fernandez, H. H., **Wu, S. S.**, Oyama, G., Jacobson, C. E., Okun, M. S. (2011). Effect of Deep Brain Stimulation on Parkinson's Nonmotor Symptoms following Unilateral DBS: A Pilot Study. *Parkinson's Disease* 2011: 507416. (PMID:22220288)
45. George S. Z., Childs J. D., Teyhen D. S., **Wu, S. S.**, Wright A. C., Dugan J. L., Robinson M. E. (2011). Brief psychosocial education, not core stabilization, reduced incidence of low back pain: results from the Prevention of Low Back Pain in the Military (POLM) cluster randomized trial. *BMC Med*. 9(1):128. (PMID:22126534)
46. Shemisa K, Hass CJ, Foote KD, Okun MS, **Wu, S. S.**, Jacobson CE, Dai Y, Oyama G, Fernandez HH. (2011). Unilateral deep brain stimulation surgery in Parkinson's disease improves ipsilateral symptoms regardless of laterality. *Parkinsonism Relat Disord*. 17(10):745-8. (PMID:21856205)
47. Hwynn, N., Uaq, I. U., Malaty, I., Resnick, A. S., Okun, M. S., Carew, D., Oyama, G., Dai, Y., **Wu, S. S.**, Rodriguez, R. L., Jacobson, C. E., Fernandez, H. H. (2011). The frequency of non-motor symptoms among advanced parkinson patients may depend on instrument used for assessment. *Parkinson's Disease*. 2011:290195. (PMID:21808724).
48. Childs J. D., Teyhen D. S., Van Wyngaarden J. J., Dougherty B. F., Ladislav B. J., Helton G. L., Robinson M. E. **Wu, S. S.**, George S. Z. (2011). Predictors of web-based follow-up response in the Prevention Of Low Back Pain In The Military Trial (POLM). *BMC Musculoskelet Disord* 12:132. (PMID:21668961)
49. Hwynn, N., Hass, C. J., Zeilman, P., Romrell, J., Dai, Y., **Wu, S. S.**, Foote, K. D., Subramony, S. H., Oyama, G., Velez-Lago, F., Fernandez, H. H., Resnick, A. S., Malaty, I., Okun, M. S. (2011). Steady or not following thalamic deep brain stimulation for essential tremor. *Journal of Neurology*. 258(9):1643-8. (PMID:21442464)
50. Okun, M. S., **Wu, S. S.**, Foote, K. D., Bowers, D., Gogna, S., Price, C., Malaty, I., Rodriguez, R. L., Jacobson, C. E., Ward, H. (2011). Do stable patients with a premorbid depression history have a worse outcome after deep brain stimulation for Parkinson disease?. *Neurosurgery* 69(2): 357-60. (PMID:21415789)
51. Haq, I. U., Foote, K. D., Goodman, W. K., **Wu, S. S.**, Sudhyadhom, A. S., Ricciuti, N., Siddiqui, M. S., Bowers, D., Jacobson, C. E., Ward, H., Okun, M. S. (2011). Smile and laughter induction and intraoperative predictors of response to deep brain stimulation for obsessive compulsive disorder. *NeuroImage* 54: 247-55.
52. Duncan, P. W., Sullivan, K. J., Behrman, A. L., Azen, S. P., **Wu, S. S.**, Nadeau, S. E., Dobkin, B. H., Rose, D. K., Tilson, J. K., Cen, S. Hayden, S. K. for The LEAPS Investigative Team. (2011) Body-weight-supported treadmill rehabilitation after stroke. *New England Journal of Medicine* 364(21):2026-2036. (PMID:21612471)

53. Sullivan, K., Tilson, J. Cen, S. Y., Rose, D., Hershberg, J., Correa, A., Gallichio, J., McLeod, M., Moore, C., **Wu, S. S.**, Duncan, P. W. (2011). Fugl-Meyer assessment of sensorimotor function after stroke, standardized training procedure for clinical practice and clinical trials. *Stroke* 42(2): 427-32. (PMID:21164120)
54. Ried LD, Jia H, Feng H, Cameon R, Wang XP, Tueth M, **Wu, S. S.** (2011). Selective Serotonin reuptake inhibitor treatment and depression are associated with post-stroke mortality. *The Annals of Pharmacotherapy* 45: 888-97.
55. Locke MC, **Wu, S. S.**, Foote KD, Sassi M, Jacobson CE, Rodriguez RL, Fernandez HH, Okun MS. (2011). Weight changes in subthalamic nucleus vs globus pallidus internus deep brain stimulation: results from the COMPARE parkinson disease deep brain stimulation cohort. *Neurosurgery* 68(5): 1233-8.
56. Jia H, Feng H, Wang X, **Wu, S. S.**, Chumbler N. (2011) A longitudinal study of health service utilization for diabetes patients in a care coordination home-telehealth programme. *J Telemed Telecare* 17: 123 - 126.
57. Hubbard Winkler, SL, **Wu, S. S.**, Vogel, B, Cowper-Ripley, DC, Reker, DM, Fitzgerald, SG, Mann, WC, Hoenig, H. (2011) Medical utilization and cost outcomes for veterans post-stroke who receive assistive technology devices from the Veterans Health Administration. *Journal of Rehabilitation Research and Development* 48(2): 125-134.
58. Rose, D., Paris, T., Crews, R. **Wu, S. S.**, Sun, A., Behrman, A., Duncan, P. (2010). Feasibility and effectiveness of circuit training in acute stroke rehabilitation. *Neurorehabilitation and Neural Repair* 25(2): 140-8.
59. Taba, H. A., Okun, M. S., **Wu, S. S.**, Foote, K. D., Hass, C. J., Fernandez, H. H., Dai, Y., Jacobson, C., E. (2010). A closer look at choosing unilateral versus bilateral DBS: Results from the NIH COMPARE cohort. *Journal of Neurosurgery* 113(6): 1224-9.
60. Childs J. D., Teyhen D. S., Casey, P. R., McCoy-Singh, K. A., Feldtmann A. W., Wright A. C., Dugan J. L., **Wu, S. S.**, George S. Z. (2010). Effects of traditional sit-up training versus core stabilization exercises on short-term musculoskeletal injuries in US Army Soldiers: A randomized clinical trial. *Physical Therapy* 90(10); 1404-12.
61. Harrison, J., Kendall, D. L., Okun, M. S., **Wu, S. S.**, Velozo, C. A., Fernandez, H. H., Spencer, K. A., Rosenbek, J. C. (2010). Speech motor program maintenance, but not switching, is enhanced by left-hemispheric deep brain DBS stimulation in Parkinson's disease. *International Journal of Speech-Language Pathology* 12(5): 385-98.
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63. Bowen, L. N., Subramony, S. H., Cheng, J., **Wu, S. S.**, Okun, M. S. (2010) "Elementary My Dear Dr. Allen:" the case of barium toxicity and Pa Ping *Neurology*. 74:1546-1549.
64. Sedig, L., Leibner, J., Ramjit, A. L., **Wu, S. S.**, Dai, Y., Okun, M. S., Rodriguez, R. L., Malaty, I. A., Fernandez, H. H. (2010). Is Rhinorrhea an under-recognized intrinsic symptom of parkinson's disease? a prospective pilot Study. *The International Journal of Neuroscience*. 120(4):258-60.

65. Morishita, T., Foote, K. D., **Wu, S. S.**, Fernandez, H. H., Jacobson, C., E. Rodriguez, R. L., Haq, I. U., Siddiqui, M. S., Malaty, I. A., Hass, C. J., Okun, M. S. (2010). Brain penetration effects of microelectrodes and DBS leads in ventral intermediate nucleus (Vim). *Journal of Neurosurgery*. 112(3):491-6.
66. Goodman, W. K. , Foote, K. D., Greenberg, B. D., Ricciuti, N., Bauer, R., Ward, H., Shapira N. A., **Wu, S. S.**, Hill, C. L., Rasmussen, S. A., Okun, M. S. (2010). Deep brain stimulation for intractable obsessive compulsive disorder: pilot study using a blinded, staggered-onset design. *Biological Psychiatry*. 67(6):535-42.
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68. Hubbard Winkler, SL, Cowper-Ripley, DC, **Wu, S. S.**, Reker, DM, Vogel, B, Fitzgerald, SG, Mann, WC, Hoenig, H. (2010). Demographic and clinical variation in veterans health administration provision of assistive technology devices to veterans post stroke. *Arch Phys Med Rehabil*. 91: 369-77.
69. Susatia, F., Malaty, I. A., Foote, K. D., **Wu, S. S.**, Zeilman, P. R., Mishra, M., Rodriguez, R. L., Haq, I., Jacobson, C. E., Sun, A., Okun, M. S. (2010). An evaluation of rating scales utilized for deep brain stimulation for dystonia. *Journal of Neurology*. 257(1):44-58.
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74. Plowman-Prine E.K, Sapienza, C.M, Okun, M.S., Pollock, S.L, Jacobson, C., **Wu, S.S.**, Rosenbek, J.C. (2009). The Relationship between quality of life and swallowing in parkinson's disease. *Movement Disorders*. 24(9):1352-8.
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81. Jones, H. N., Shrivastav, R, **Wu, S. S.**, Plowman-Prine, E. K., and Rosenbek, J. C. (2009). Intensity and fundamental frequency variability before and after two behavioral treatments for aprosodia. *Journal of Medical Speech-Language Pathology*, 17: 45-53.
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87. George, S. Z., Childs, J. D., Teyhen, D. S., **Wu, S. S.**, Wright, A. C. Dugan, J. L. and Robinson, M. E. (2007). Rationale, design, and protocol for the Prevention of

- Low Back Pain in the Military (POLM) trial (NCT00373009) *BMC Musculoskeletal Disorders* 8:92.
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 99. Morse, S. B., **Wu, S. S.**, Ma, C. X., Ariet, M., Resnick, M., Roth, J. (2006). Racial and gender differences in the viability of extremely low birth weight infants. *Pediatrics Electronic Pages* 117: 106-112.

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108. Jia, C., Uphold, C. R., Findley, K., **Wu, S. S.**, Reid, K., Duncan, P. W. (2004). Health related quality of life in veterans living with hiv: the role of coping, social support, and depression. *AIDS Patient Care and STDs* 18(10).
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110. Shenkman, E., **Wu, S. S.**, Nackashi, J., Sherman, J. (2003). Managed care organizational characteristics and health care use among children with special health care needs. *Health Services Research*, Vol. 38: 1599-1624.
111. Yang, S. H., Liu, R., **Wu, S. S.**, and Simpkins, J. W. (2003). The use of estrogens and related compounds in the treatment of damage from cerebral ischemia. *The Annals of the New York Academy of Sciences*, Vol. 1007: 101-107.

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Book Chapters

Wu, S. S., Shen, Z. M. and Yang M. C. K. (2003) Optimal Adaptive Target Shooting with Imperfect Feedback Systems. *Cooperative Control: : Models, Applications and Algorithms*, edited by Butenko, S., Murphey, R., and Pardalos, P. 349:364.

Other Publications

1. George S. Z., Childs J. D., Teyhen D. S., **Wu, S. S.**, Wright A. C., Dugan J. L., Robinson M. E. Rationale, design, and protocol for the prevention of low back pain in the military (polm) trial (NCT00373009). *Proceedings of the 10th Annual Force Health Protection Conference*.
2. **Wu, S. S.** and Yang, M. C. K. (2005). Some improved tests using pilot study information. *Proceedings of the 2005 Joint Statistical Meetings; Biopharmaceutical Section*.
3. Annis, D. H. and **Wu, S. S.** (2005). Some properties of playoff systems for NCAA I-A football. *Proceedings of the 2005 Joint Statistical Meetings; Section on Statistics in Sports*.
4. Ma, C.X., **Wu, S. S.**, Carter, R., Roth, J., Ariet, M., Feaver, E., and Resnick M. (2003), *Correlations between maternal and infant risk factors and preschool child maltreatment*, Report to Agency for Health Care Administration.
5. Roth, J., Cui, W., **Wu, S. S.**, Ma, C., Ariet, M., Resnick, M. B., Morse, S. B. (2003). Birth medical risk, infant mortality, and preschool morbidity. *Pediatric Research*, 51(4), Suppl. Part 2 of 2:458A.
6. Roth, J., **Wu, S. S.**, Ma, C., Carter, R. L., Ariet, M., Feaver, E., Resnick, M. B. (2002). Risk factors of infant maltreatment: A population-based study. *Journal of Investigative Medicine*, 50(1), 139A.
7. Casella, G., Wu, R. L., **Wu, S. S.** and Weidman, S. T. (2002). *Making sense of complexity: summary of the workshop on dynamical modeling of complex biomedical systems*. National Academy Press, Washington, D.C.

8. **Wu, S. S.**, Ma, C.X., Carter, R., Ariet, M., Roth, J., Feaver, E., and Resnick M. (2002). *Predictors of Preschool Child Maltreatment*, Report to Medicaid Program Office of Florida Agency for Health Care Administration, Florida Department of Health; and Florida Department of Children and Families.
9. **Wu, S. S.**, Yang, J., Ma, C.X., Carter, R., Ariet, M., Roth, J., Feaver, E., and Resnick M. (2002), *Impact of Medicaid Managed Care on Pregnancy Outcomes*, Report to Medicaid Program Office of Florida Agency for Health Care Administration, Florida Department of Health.
10. Wu, R. L., **Wu, S. S.** and Casella, G. (2002). Statistical methodologies for linkage mapping in polyploids. *The Proceedings of International Conference on Plant, Animal & Microbe Genome X*.
11. **Wu, S. S.**, Ma, C.X., Chen, H., Carter, R., Ariet, M., Roth, J., Scott, S., Feaver, E., and Resnick M. (2001). *Analysis of Infant Abuse and Neglect*, Report to Children's Medical Services, the Department of Health, and the Agency for Health Care Administration.
12. **Wu, S. S.**, Chen, H., Ma, C.X., Carter, R., Ariet, M., Roth, J., Scott, S., Feaver, E., and Resnick M. (2001), *Impact of Medicaid Managed Care on Pregnancy Outcomes*, Report to Agency for Health Care Administration.
13. Roth J, **Wu, S. S.**, Carter R, Ariet M, Ross N, Resnick, M. Impact of Medicaid managed care and WIC participation on infant birth outcomes. *Pediatric Research*. 2000;47(4) Suppl. Part 2 of 2:222A.
14. **Wu, S. S.**, Rao, P. V., and Raychaudhuri, A. (2000). Estimating Optimal Weights for a Class of Rank Tests for Censored Bivariate Data. *Proceedings from the 2000 Joint Statistical Meetings in Indianapolis, IN, and other 2000 Statistical Meetings*.
15. **Wu, S. S.**, and Wells, M. T. (1999). Nonparametric Estimation of Hazard Functions by Wavelet Methods. *Proceedings from the 1999 Joint Statistical Meetings in Baltimore, MD, and other 1999 Statistical Meetings*.

Work In Progress

[A. Papers under Review]

1. Dobkin, B. H., Nadeau, S. E., Behrman, A. L., **Wu, S. S.**, Rose, D. K., Bowden, M., Stidenski, S., Lu, X., Duncan, P. W. Prediction of responders to the interventions of the Locomotor Experience Applied Post Stroke clinical trial. *Journal of Rehabilitation Research & Development*.
2. Kluding, P., Dunning, K., O'Dell, M., **Wu, S. S.**, Ginosian, J., Feld, J., McBride, K. Foot Drop Stimulation vs Ankle Foot Orthosis Following Stroke: 30 week outcomes. *Stroke*.
3. **Wu, S. S.**, Tu, Y., He, Y. Testing for Efficacy in Adaptive Clinical Trials with Enrichment. *Statistics in Medicine*.
4. George, S. Z., Parr J., Wallace, M. R., **Wu, S. S.**, Borsa, P. A., Dai, Y., Fillingim, R. B. Biopsychosocial influence on exercise-induced injury: genetic and psychological combinations are predictive of shoulder pain phenotypes. *J Pain*.

[B. Papers in Preparation]

5. Savenkov, A., **Wu, S. S.**, Neal, D. Testing for Efficacy in Single-Subject Trials with Intervention Analysis.
6. **Wu, S. S.**, Chen, S., Burr, D. New Technologies for Privacy Preserving Data Collection and Analysis.

Presentations at Professional Conferences and Meetings**[A. Presentations at International Conferences]**

1. **Wu, S. S.** “What is statistics - how to grow the statistics profession in China?” *The 4th China Statistics Annual Conference*, Kunming, PR China. October 26-28, 2012. (Invited)
2. **Wu, S. S.**, He, Y., Tu, Y. “Testing for efficacy in adaptive clinical trials with enrichments.” *Second Joint Biostatistics Symposium*, Beijing, PR China. July 8-9, 2012.
3. **Wu, S. S.**, Neal, D., Jones, T., Ginosian, J. “A Comparison of Covariate-Adaptive Randomization Procedures in Clinical Trials.” *Fourth Annual International Symposium on the Evaluation of Clinical Trials Methodologies and Applications*, Beijing, PR China. June 30 - July 3, 2011.
4. **Wu, S. S.** “Two statistical applications.” *The 3rd China Statistics Annual Conference*, Wuhan, PR China, October 29-31, 2010. (Invited)
5. **Wu, S. S.**, Mark, Y. C. K. “An improved double-elimination tournament with application to the fifa world cup.” *Adaptive Design And Multiple Comparison Procedures Workshop*, Coventry, UK, July 2-3, 2009.
6. **Wu, S. S.** “Seamless phase II/III clinical trials using the likelihood approach.” *The International Society for Biopharmaceutical Statistics (ISBS) First International Symposium on Biopharmaceutical Statistics*, Shanghai, PR China, June 30 - July 2, 2008.
7. **Wu, S. S.**, Wang, W. Z. “Step-up tests for number of active effects in orthogonal saturated designs.” *IMS-China International Conference on Statistics and Probability*, Hangzhou, China, June 11-13, 2008.
8. **Wu, S. S.**, Wang, W. Z., Annis, D. H. “On identification of inferior treatments using the Newman-Keuls procedure.” *The 5th International Conference on Multiple Comparison Procedures*, Vienna, Austria, July 8-11, 2007.
9. **Wu, S. S.** “Adaptive designs in clinical trials.” *The 1st China Statistics Annual Conference*, Tianjin, PR China. October 20-22, 2006. (Invited)
10. **Wu, S. S.**, Mark, Y. C. K., Annis, D. H. “Improved designs for world cup and college football.” *2006 International Conference on Design of Experiments and Its Applications*, Tianjin, PR China. July 9-12, 2006. (Invited)
11. Wang, W. Z., **Wu, S. S.** “New results for stepwise tests in orthogonal saturated designs.” *2006 International Conference on Design of Experiments and Its Applications*, Tianjin, PR China. July 9-12, 2006. (Invited)

12. **Wu, S. S.**, Wang, W. Z. "Step-up simultaneous tests in orthogonal saturated design." *The 4th International Conference on Multiple Comparison Procedures*, Shanghai, PR China, August 17-19, 2005.
13. **Wu S. S.** "Univariate Test and Multivariate Analysis." *International Workshop on Information Theory and Information Science*, Tianjin, PR China, November 10, 2003. (Invited)

[B. Presentations at National Conferences]

14. **Wu, S. S.**, He, Y., Tu, Y. "Testing for efficacy in adaptive clinical trials with enrichments." *The Joint Statistical Meeting*, San Diego, CA, July 28 - August 2, 2012.
15. **Wu, S. S.** "Interval estimation for drop-the-losers designs." *WNAR Annual Meeting*, San Luis Obispo, CA, June 20-22, 2011.
16. **Wu, S. S.**, Neal, D., Jones, T., Ginosian, J. "A comparison of covariate-adaptive randomization procedures in clinical trials." *The Joint Statistical Meeting*, Maimi Beach, FL, July 30 - August 4, 2011.
17. Neal, D., Casella, G., Yang, M. C. K., **Wu, S. S.** "Interval estimation in drop-the-losers clinical trials with flexible treatment selection." *The Joint Statistical Meeting*, Vancouver, British Columbia, Canada, July 31 - August 5, 2010.
18. **Wu, S. S.**, Wang, W. Z. "Step-up tests for number of active effects in orthogonal saturated designs." *Joint Statistical Meeting*, Denver, Colorado, August 3-7, 2008.
19. **Wu, S. S.**, Annis, D. "Asymptotic efficiency of majority rule relative to rank sum method." *The Joint Statistical Meeting*, Seattle, WA, August 7-11, 2006.
20. Annis, D., **Wu, S. S.** "Improved college football scheduling using a pseudo-swiss system." *The Joint Statistical Meeting*, Seattle, WA, August 7-11, 2006.
21. **Wu, S. S.**, Mark, Y. C. K. "Shrinkage test and its applications in clinical trials." *ICSA 2006 Applied Statistics Symposium*, Storrs, CN, June 14-17. 2006. (Invited)
22. Annis, D. H., **Wu, S. S.** "Improved college football scheduling using a pseudo-swiss system." *ICSA 2006 Applied Statistics Symposium*, Storrs, CN, June 14-17. 2006. (Invited)
23. Mark, Y. C. K., **Wu, S. S.** "Improvements in design of FIFA world cup by double elimination schemes." *ICSA 2006 Applied Statistics Symposium*, Storrs, CN, June 14-17. 2006. (Invited)
24. **Wu, S. S.**, Mark, Y. C. K. "Some improved tests using pilot study information." *The Joint Statistical Meeting*, Minneapolis, MN, August 7-11, 2005.
25. Annis, D., **Wu, S. S.** "Some properties of playoff in NCAA I-A football." *The Joint Statistical Meeting*, Minneapolis, MN, August 7-11, 2005.
26. **Wu, S. S.** "Some new advances in multivariate analysis." *The Joint Statistical Meeting* Toronto, Canada, August 7-12, 2004.
27. **Wu, S. S.**, Li, H., Casella, G. "Some new results in multivariate analysis." *International Biometric Society ENAR 2004 Spring Meeting*, Pittsburgh, PA, March 28-31, 2004.

28. **Wu, S. S.**, Vogel, W., Reid, K., Neugaard, B., Cowper, D., Côté, M. “Facility vs. Patient Effects on the Treatment Cost of Traumatic Brain Injury Patients in the VA Health System.” *VA Health Services Research and Development (HSR&D) National Meeting*, Washington, DC, Mar. 10, 2004. (Invited)
29. **Wu S. S.** “A population based study of child maltreatment up to age four.” *The Eighth Annual Maternal and Child Health Epidemiology Conference*, Sheraton Sand Key, Clear Water Beach, FL, December 11-13, 2002.
30. **Wu, S. S.**, Mo, S., Chen, R., and Yang, M. C. K. “Optimal Sequential Allocation with Imperfect Feedback Information.” *The Joint Statistical Meetings*, Atlanta, GA, August 5-9, 2001.
31. **Wu, S. S.**, Carter, R. L., Ariet, M., Roth, J. and Resnick, M. B. “Viability of Extreme Low Birth Weight Infants.” *The Sixth Annual Maternal and Child Health Epidemiology Conference*, Atlanta, GA, December 12-13, 2000.
32. **Wu, S. S.**, Raychaudhuri, A., Rao, P. V., “Optimal Weights for a Class of Rank Tests for Censored Bivariate Data.” *The Joint Statistical Meetings, Indianapolis, IN*, August 13-17, 2000. (Contributed.)
33. **Wu, S. S.** and Wells, M. T., “Nonparametric Estimation of Hazard Functions by Wavelet Methods”, *The Joint Statistical Meetings, Baltimore, MD, August 8-12, 1999*.
34. **Wu, S. S.**, “Nonparametric Estimation of Hazard Functions.” *The 4th North American Meeting of New Researchers*, Baltimore, MD, August 4-7, 1999.

[C. Presentations at Regional Conferences]

35. **Wu, S. S.**, He, Y., Tu, Y. “Testing for efficacy in adaptive clinical trials with enrichments.” *The 5th Symposium of Science, Engineering, and Biomedicine*, Sarasota, FL, August 31 - September 3, 2012. (Invited)
36. **Wu, S. S.** “Two statistical applications.” *The 4th Symposium of Science, Engineering, and Biomedicine*, Lake Buena Vista, FL, September 3-6, 2010. (Invited)
37. **Wu, S. S.** “Adaptive designs in clinical trials.” *The 3rd Symposium of Science, Engineering, and Biomedicine*, Amelia Island, FL, August 30 - September 1, 2008. (Invited)
38. **Wu, S. S.**, Mark, Y. C. K. “Some improved tests using pilot study information.” *The 2nd Symposium of Science, Engineering and Biomedicine*, Clear Water, FL, September 2-5, 2005. (Invited)
39. **Wu S. S.** “Nonparametric tests for umbrella alternatives.” *Nonparametric statistics research conference*, Tallahassee, FL, January 17-18, 2003.
40. **Wu, S. S.**, Shen, Z., Mo, S., Chen, R., and Yang, M. C. K. “Optimal Sequential Allocation with Imperfect Feedback Information.” *Conference on Cooperative Control and Optimization*, FL, November 12-14, 2001. (Invited)
41. **Wu, S. S.**, Carter, R. L., Ariet, M., Roth, J. and Resnick, M. B. “Birth Weight by Gestation Norms for Singleton Births in Florida.” *The 6th Annual Florida Epidemiology Meeting*, August 2-4, 2000.

42. **Wu, S. S.**, Carter, R. L., Ariet, M., Roth, J. and Resnick, M. B. "Survival Probability for Extremely Low Birth Weight Infants." *The Annual Florida Epidemiology Meeting*, Miami, FL, July 28-30, 1999.

[D. Presentations at Academic Institutions]

43. **Wu S. S.** "New Statistical Opportunities with Big Data and Fast Computing." *Department of Statistics, National Cheng Kung University*, December 27, 2012. (Invited)
44. **Wu S. S.** "New Statistical Opportunities with Big Data and Fast Computing." *Department of Statistics, Central University of Finance and Economics*, December 23, 2012. (Invited)
45. **Wu, S. S.** "Some statistical applications in US daily life." *Department of Statistics, Tianjin University of Finance and Economics*, Tianjin, PR China, December 21, 2012. (Invited)
46. **Wu, S. S.** "A case study with emphasis on interaction with FDA." *Department of Statistics, Tianjin University of Finance and Economics*, Tianjin, PR China, July 1, 2012. (Invited)
47. **Wu S. S.** "Some Statistical Issues in Adaptive Clinical Trials." *Department of Statistics, National Cheng Kung University*, December 22, 2011. (Invited)
48. **Wu, S. S.** "Some Statistical Issues in Adaptive Clinical Trials." *Department of Statistics, Tianjin University of Finance and Economics*, Tianjin, PR China, November 7, 2011. (Invited)
49. **Wu S. S.** "Interval estimation for drop-the-losers designs." *Department of Statistics, National Cheng Kung University*, December 22, 2009. (Invited)
50. **Wu, S. S.** "Interval estimation for drop-the-losers designs." *Department of Statistics, University of Florida*, Gainesville, FL, November 19, 2009.
51. **Wu, S. S.** "Interval estimation for drop-the-losers designs." *Department of Statistics, Shanghai University of Finance and Economics*, Shanghai, PR China, May 19, 2009. (Invited)
52. **Wu, S. S.**, Wang, W. Z. "Step-up tests for number of active effects in orthogonal saturated designs." *Department of Statistics, Tianjin University of Finance and Economics*, Tianjin, PR China, June, 2008. (Invited)
53. **Wu, S. S.**, Wang, W. Z. "Step-up tests for number of active effects in orthogonal saturated designs." *Department of Statistics, Operation and Management Science, University of Tennessee*, Knoxville, TN, February 29, 2008
54. **Wu, S. S.**, Wang, W. Z. "Improved designs for world cup and college football." *Department of Statistics, Operation and Management Science, University of Tennessee*, Knoxville, TN, February 28, 2008
55. **Wu S. S.** "Rating Teams and Scheduling Games." *Department of Statistics Student seminar, University of Florida*, April 5, 2005.
56. **Wu S. S.** "Combination of t-tests vs. T^2 in Simultaneous Inference." *Department of Statistics, University of Florida*, September 9, 2004.

57. **Wu S. S.** “Univariate Test and Multivariate Analysis.” *Department of Probability and Statistics, Beijing University*, Beijing, PR China, November 14, 2003. (Invited)
58. **Wu S. S.** “Optimal Locations for VA Traumatic Brain Injury Treatment Centers.” *Department of Statistics, Tianjin University of Finance and Economics*, Tianjin, PR China, November 12, 2003. (Invited)
59. **Wu S. S.** “Linkage Analysis in Autotetraploids.” *Department of Biostatistics, Roswell Park Cancer Institute*, Buffalo, NY, February 28, 2003. (Invited)
60. **Wu S. S.** “Clustering and classification in microarray analysis.” *Workshop on Tools for Genomics & Proteomics Research*, Interdisciplinary Center for Biotechnology Research (ICBR), Gainesville, FL, February 1, 2002. (Invited)
61. **Wu S. S.** “DNA Microarrays and Statistical Challenges.” *Department of Statistics, University of Florida*, January 24, 2002.
62. **Wu S. S.** “Clustering and classification in microarray analysis.” *ICBR Workshop on Microarray Experiments*, Gainesville, FL, December 10, 2001. (Invited)
63. **Wu, S. S.** “Microarray Analysis and Statistical Challenges.” *Department of Mathematics, Wright State University, OH*, November 2, 2001. (Invited)
64. **Wu, S. S., Mo, S., Chen, R. and Yang, M. C. K.** “Optimal Sequential Allocation with Imperfect Feedback Information.” *The joint FSU-UF seminar*, November 17, 2000. (Invited)

3. TEACHING AND ADVISING

Formal Courses

Course Number	Course Title	Date
GMS 6827	Advanced Clinical Trial Methods	Spring, 2012 & 2013
GMS 5905	Design and Analysis of Translational Research in Biomedical Sciences	Spring, 2007
STA 6934	Design and Analysis of Sports Tournaments	Summer, 2006
STA 7179	Survival Analysis	Spring, 2002
STA 4321	Mathematical Statistics	Fall & Spring, 2001
STA 4502	Nonparametric Statistical Methods	Fall, 2000
STA 6166	Statistical Methods in Research	Fall, 1999
STA 3032	Engineering Statistics	Fall, 1998; Spring, 1999

Other Teaching

Role	Course Title	Date
Group Leader	Introduction to Clinical and Translational Research	Summer, 2006, 2008-2010
Theme Leader	Introduction to Clinical Medicine	Fall, 2012
Coordinator	Grant-writing seminar at the VA Rehabilitation Outcome Research Center	Fall, 2006

Graduate Committee Activities**[A. PhD Dissertation, Chair]**

Student	Research Topic	Home Department	Completion Date
Ying He	Adaptive clinical trials with enrichment	Biostatistics	–
Hui Zeng (Co-chair, Dr. John Kairalla)	Clinical trials	Statistics	–
Alex Savenkov	Novel methods for time series data in clinical studies	Statistics	2012
Anqi Sun (Co-chair, Dr. Jim Hobert)	Strong Type I error control and point estimation in two-stage adaptive designs	Statistics	2011

[B. Masters Students, Chair]

Student	Research Topic	Home Department	Completion Date
Sijia Huang	Clinical trials	Biotatistics	–
Dan Neal	Interval estimation in drop-the-losers clinical trials with flexible treatment selection	Statistics	2009
Liquan Xu	Simultaneous statistical inference	Statistics	2006
Wei Xue	Meta-analysis	Statistics	2003
Jie Yang	Generalized linear model	Statistics	2003
Yaning Wang	Bayesian analysis of pharmacokinetic data	Statistics	2003
Hongying Li	Multivariate analysis	Statistics	2003

[C. MS and PhD Committees in Non-chair Role]

Student	Research Topic	Home Department	Completion Date
Nilanjan Goswami	Power-performance and architecture optimization	Electrical and Computer Engineering	–
Meng Liu	Image analysis	Mathematics	–
Carolina Montedonico	Investigation of central pain processing in post-operative shoulder pain	Physical Therapy	2011
Sharon Barak	Ambulatory recovery for stroke survivors	Physical Therapy	2009
Hailong Meng	Bioinformatics	Molecular Genetics and Microbiology	2006
Xiaowen Yang	Physical Environment and Residential Burglary	Urban and Regional Planning	2006
Damaris Santana	Statistical genetics	Statistics	2005
Qi Liu	Statistics in Bioequivalence Studies	Statistics	2004
Yue-Pey A. Buu	Analysis of rater effects	Statistics	2003
James J. Yang	Statistical genetics	Statistics	2002
Jeffrey Thompson	Errors in variable model	Statistics	2002
Haoyi Chen	Survival analysis	Statistics	2001
Deng-shan Shiau	Nonstationary time series	Statistics	2001
Chapman Carrie	Impact of C677T MTHFR	Nutrition	2002
Daniel Scognamillo	Ecological separation between Jaguar and Puma	Wildlife ecology & conservation	2001

Other Mentoring

As the director of the Biostatistics Core at the Brain Rehabilitation Research Center (BRRC), I provide on-going mentoring and guide practical research for Ph.D. students and junior investigators. I have provided mentoring for the following people: Christine Carmichael, Toni Chiara, Tim Conway, David Fitzgerald, Megan Gaiefsky, Harrison Jones, Diane Kendall, Jaeock Kim, Matt Malcolm, Preeti Nair, Chetan Phadke, Lorie Richards, Amy Rodriguez, Keith White, Michelle Woodbury, Stacie Harnish, Brandon Burtis, Nicole Tester, David Clark and Julia Kay Waid-Ebbs.

Visitors

1. Dr. Jinlin Cao, Tianjin University of Finance and Economics (2011-2012)
2. Dr. Weiguo Liu, Nanjing Brain Hospital (2012)
3. Dr. Bo Yang, The First Affiliated Hospital of Zhenzhou University (2011)

4. Dr. Yuming Xu, The First Affiliated Hospital of Zhenzhou University (2010)
5. Dr. Feng Hao, Tianjin University of Finance and Economics (2009-2010)
6. Dr. Leping Liu, Tianjin University of Finance and Economics (2007-2008)
7. Dr. Guijun Yang, Tianjin University of Finance and Economics (2007-2008)
8. Dr. Changxing Ma, Nankai University, PR China (2001)

4. SERVICE

Professional Services

1. Editorial board, *Neurorehabilitation and Neural Repair*, (2013 - present)
2. Member, Data Monitoring Committee, *CSP #567: A Clinical Demonstration of an EEG Brain-Computer Interface for ALS Patients* (2011-present)
3. Member of statistical review team, *Journal of Physical Therapy*, (2008 - 2009)
4. Referee for *Journal of American Statistical Association*, *Biometrika*, *Statistica Sinica*, *Journal of Computational and Graphical Statistics*, *Journal of Agricultural, Biological, and Environmental Statistics*, *Genetics*, *Journal of Multivariate Statistical Analysis*, *The American Statistician*, *Journal of the International Neuropsychological Society*
5. Member of Special Emphasis Panel, Data Coordinating Center for the Network of Excellence in Neuroscience Clinical Trials for NIH/NINDS (2011)
6. Member of Special Emphasis Panel, Spinal Cord Injury Research Program of Department of Defense (DoD) United States Army Medical Research and Materiel Command (USAMRMC) Congressionally Directed Medical Research Programs (CDMRP) (2010)
7. Member of Special Emphasis Panel, Safety and Efficacy of Lithium in combination with Riluzole in Subjects with ALS, NIH/NINDS (2009)
8. Member of Special Emphasis Panel, Rare Diseases Clinical Research Consortia (RD-CRC) for the Rare Diseases Clinical Research Network (U54), NIH/NINDS (2009)
9. Member, IMS New Researcher's Committee (1999 - 2000)

Services at the University of Florida

1. Interim chair, Department of Biostatistics (2010 - 2012)
2. Member, College of Medicine Leadership Committee (2010 - 2012)
3. Member, College of Public Health and Health Professions Executive Leadership Committee (2010 - 2012)
4. Member, Advisory Board for the College of Medicine's Advanced Postgraduate Program for Clinical Investigators (APPCI) (2008 - present)
5. Member, Admission Committee, Department of Statistics (2000 - present)
6. Member, Faculty Search Committee (2001, 2002 co-chair, 2003, 2005-2007, 2013)

7. Member, Advisory Board for the College of Medicine's Interdisciplinary Program in Biomedical Sciences (IDP) (2008 - 2012)
8. Director of the Biostatistics Education Core, Department of Epidemiology and Health Policy Research (2007 - 2010)
9. Chair, Biostatistics Introductory Course Review Committee (2008-2009)
10. Member, Clinical and Translational Science Award (CTSA) Epidemiology and Biostatistics Planning Group (2006)
11. Member, Department Strategic Planning Committee (2005)
12. Member, Organizing Committee of the UF Winter Workshop: An IMS Mini-Meeting on Functional Data Analysis (2002)
13. Co-chair, Statistics Department Web Page Committee (2001)
14. Member, Organizing Committee of the UF Winter Workshop: An IMS Mini-Meeting on Imaging, Classification, and Clustering (2001)
15. Member, Task force for the development of Master and Ph.D program in Biostatistics (1998-1999)

5. GRANTS, CONTRACTS AND AWARDS

Ongoing Grants And Contracts

- Wu, S. S.** (P.I.), Biostatistical Research Support Services for VAMC Rehabilitation Studies. US Dept of Veterans Affairs. \$1,024,211, 07/01/2002-present.
- Wu, S. S.** (P.I.), Biostatistical Research Support Services for National Parkinson Foundation. \$75,000, 04/01/2012 - 12/31/2014.
- Dyson-Hudson, S. P.I., **Wu, S. S.**, *et al.*, Co-investigator. Restoring Lost Functions after Spinal Cord Injury: Combination Therapy with Dalfampridine and Locomotor Training in Persons with Chronic, Motor Incomplete Spinal Cord Injury, National Institute on Disability and Rehabilitation Research (NIDRR), US Department of Education . \$89,000, 10/01/2011-09/30/2016.
- George, S. P.I., **Wu, S. S.**, *et al.*, Co-investigator. Creation of the Orthopaedic Physical Therapy Investigative Network (OPT-IN) for the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort Study. Orthopaedic Section of the American Physical Therapy Association. \$300,000, 01/01/2013-12/31/2015.
- George, S. P.I., **Wu, S. S.**, *et al.*, Co-investigator. Biopsychosocial influence on shoulder pain. NINDS/NIH. \$2,498,777, 07/01/2008-06/30/2013.

Completed Grants And Contracts

- Wu, S. S.**, P.I., Faculty Enhancement Opportunity Award for researching the topic of large-scale data analysis on astronomy and medical imaging data." \$39,049, 6/1/2012-12/31/2012.

- Wu, S. S.** (P.I.), Contract between Texas State University - San Marcos and UF. \$25,000, 10/01/2011 - 5/31/2012.
- Duncan, P. W., P.I.; **Wu, S. S.**, Lead Statistician, Co-director of Data Management and Analysis Core. Locomotor Experience Applied Post-Stroke (LEAPS).” NINDS/NIH. \$13,932,360, 07/01/2005-06/30/2012.
- Okun, M. S., P.I., **Wu, S. S.**, *et al.*, Co-investigator. Scheduled and Responsive Brain Stimulation for the Treatment of Tourette Syndrome. NIMH/NIH, \$150,000, 09/17/2009-05/31/2011.
- Chen S. G., P.I., **Wu, S. S.**, *et al.*, Co-investigator. Smart Street Network: Transforming a City Transportation Infrastructure into a High Speed Communication Infrastructure. UF DSR, \$100,000, 05/01/2008 -04/30/2010.
- George, S. P.I., **Wu, S. S.**, *et al.*, Co-investigator. Prevention of Low Back Pain in the Military: A randomized trial. DoD. \$999,985, 12/01/05-11/30/09.
- Fernandez, H. H., P.I., **Wu, S. S.**, *et al.*, Co-investigator. Repetitive Transcranial Magnetic Stimulation for the Treatment of Apathy in Parkinson’s Disease (The ReStore Study). NIH, \$51,000, 07/01/2007 - 06/30/2009.
- Okun, M. S., P.I., **Wu, S. S.**, *et al.*, Co-investigator. DBS Effects on Mood & Cognition in Parkinson’s Disease. NIH, \$877,839, 07/01/2003 - 06/30/2008.
- Beyth, R. J., P.I.; **Wu, S. S.**, *et al.*, Co-investigator. Improving Anti-Thrombotic Use in Stroke Prevention. NIH - nhlbi-heart, lung, & blood. \$1,522,781, 01/10/2005-08/31/07.
- Andresen, E., P.I.; **Wu, S. S.**, *et al.*, Co-investigator. The Public Health of Caregiving. CDC. \$272,257, 9/30/2004-09/29/2005.
- Sleasman, J., P.I., Goodenow, M. M., **Wu, S. S.**, Co-investigator. Impact of HIV-1 Genotype on Therapy Response in Children.” NIH. \$1,439,438, 11/1/00 - 3/31/03.
- Wu, S. S.**, Project P.I., Predictors of toddler and infant maltreatment.” Part of a contract to the Maternal Child Health, Education & Data Research Center by Florida Agency for Health Care and Administration. \$240,000, 07/01/2002-6/30/2004.
- Wu, S. S.**, Project P.I., Birth Vital Statistics: Survival, Low Birth Weight and Morbidity Outcomes Research.” Part of a contract to the Maternal Child Health, Education & Data Research Center by Florida Agency for Health Care and Administration. \$750,000, 07/01/1998-6/30/2004.
- Wu, S. S.** (organizer), Casella, G. UF Winter Workshop: An IMS Mini-Meeting on Imaging, Classification, and Clustering.” the Institute of Mathematical Statistics (IMS). \$3,000 January 2002. (In addition, CLAS Dean funded \$2,000 and VP for Research at UF funded \$1,500)
- Wu, S. S.**, P.I., CLAS Research Initiation Projects Award for researching the topic of Incomplete Data in Generalized Linear Models.” \$10,000 over 3 months, 1999.

Honors And Awards

Specially Appointed Professor, Tianjin University of Finance and Economics, Tianjin, PR China (2004 - present)

Adjunct Professor, National Cheng Kung University, Taipei, Taiwan (2009 - present)

First Prize winner of the Stroke Progress and Innovation Award for Tilson et al, 2012 (PMID:22246687)

Best poster award from the Seventh Annual Maternal and Child Health Epidemiology conference, Tampa, FL, 2001

Awarded UF CLAS Research Initiation Project (1999)

Graduate Student Fellowship, Cornell University, summer 1995 and summer 1996

Wang Ke-Chang Fellowship, Nankai University, 1991-1992

Guang-Hua Fellowship, Nankai University, 1990-1991