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Education

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| August 2003 | Ph.D. in Statistics, Texas A&M University, College Station, Texas, August,
Dissertation title: Approaches to the Multivariate Random Variables Associated with Stochastic Processes (Adviser: Dr. Thomas E. Wehrly) |
| February 1995 | B.S. in Mathematics Education, Seoul National University, Seoul, Korea |
| February 1992 | B.S. in Home Economics, Seoul National University, Seoul, Korea |

Professional Experience

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| September 2015 - Present | Director, Population Health and Health Observatory, School of Public Health and Health Profession, SUNY at Buffalo, Buffalo, NY |
| June 2020 – Present | Professor, Dept. of Biostatistics, SUNY at Buffalo, Buffalo, NY |
| September 2012 – May 2020 | Associate Professor, Dept. of Biostatistics, SUNY at Buffalo, Buffalo, NY |
| August 2006 - 2012 | Assistant Professor, Dept. of Biostatistics, SUNY at Buffalo, Buffalo, NY |
| August 2003 - October 2005 | Sr. Biostatistics Consultant, Roswell Park Cancer Institute, Buffalo, NY |
| August 2003 - July 2006 | Research Assistant Professor, Dept. of Biostatistics, SUNY at Buffalo, Buffalo, NY (Volunteer position until October 2005) |
| June 2001 - May 2003 | Statistical Consultant, the Department of Biostatistics, Scott and White Memorial Hospital, Temple, Texas |
| January 1998 - May 2001 | Graduate Teaching Assistant, The Department of Statistics, Texas A&M University, College Station, Texas. |
| March 1995 - August 1996 | Mathematics Teacher, Chang-Hyun High School, Suwon, Korea. |

Research Interests

Clinical trial designs, Nonparametric likelihood approach, Survey sampling methodology

Professional Societies

American Statistical Association (ASA)
Korean International Statistics Society (STATKISS)

Editorial Boards

September 2017 - Associate Editor, *Journal of Applied Statistics*
January 2018 - Associate Editor, *Journal of Korean Data & Information Science Society*

Publications

Journal Publications

- Statistical Methodological Research (Peer-reviewed)

- Superscript * indicates me as the corresponding author.
 - Superscript ** indicates that I was the dissertation chair or primary mentor.
1. **Yu J**, Wehrly TE. An approach to the residence time distribution for stochastic multi-compartment models. *Mathematical Biosciences*, **191**, 185-205 (2004)
 2. **Yu J***, Kepner JL. and Bundy, B.N. Exact power calculations for detecting hypotheses involving two correlated binary outcomes. *Statistics & Probability Letters*, **77**, 288-294 (2007)
 3. **Yu J***, Kepner JL, Iyer R. Exact tests using two correlated binomial variables in contemporary cancer clinical trials. *Biometrical journal*, **51**, 899-914 (2009)
 4. **Yu J***, Vexler A, Tian L. Analyzing incomplete data subject to a threshold using empirical likelihood methods: An application to a pneumonia risk study in an ICU setting. *Biometrics*, **66**, 123-130 (2010)
- *The paper belongs to the 10 most-cited articles in Biometrics, 2010*
 5. Vexler A, **Yu J***, Tian L, Liu S. Two-sample nonparametric likelihood inference based on incomplete data with an application to a pneumonia study. *Biomedical Journal*, **52**, 1-14 (2010)
**Joint first author and corresponding author*
 6. **Yu J***, Kepner J, Iyer R. Author's reply regarding exact tests using two correlated binomial variables in contemporary cancer clinical trials. *Biometrical Journal*, **52**, 438-439 (2010)
 7. Vexler A, **Yu J***, Hutson A. Likelihood testing populations modeled by autoregressive process subject to the limit of detection in applications to longitudinal biomedical data. *Journal of Applied Statistics*, **38**, 1333 – 1346 (2011)
**Joint first author and corresponding author*
 8. **Yu J***, Kepner J. On the maximum total sample size of a group sequential test about bivariate binomial proportions. *Statistics & Probability letters*, **81**, 829-835 (2011)
 9. Vexler A, **Yu J***. Two-sample density-based empirical likelihood tests for incomplete data applied to a pneumonia study. *Biometrical Journal*, **53**, 1-24 (2011)
**Joint first author and corresponding author*
 10. **Yu J***, Vexler A, Kim S, Hutson A. Two-sample empirical likelihood ratio tests for medians in application to biomarker evaluations. *The Canadian Journal of Statistics*, **39**, 671-689 (2011)
 11. Vexler A, Tsai W-M, Gurevich G, **Yu J**. Two-sample density-based empirical likelihood ratio tests based on paired data: with application to a treatment study of Attention-Deficit/Hyperactivity Disorder and Severe Mood Dysregulation. *Statistics in Medicine*, **31**, 1821-1837 (2012)

12. Nahum-Shani I, Qian M, Almira D, Pelham W, Gnagy B, Fabiano G, Waxmonsky J, **Yu J**, Murphy SA. Experimental Design and Primary Data Analysis Methods for Comparing Adaptive Interventions. *Psychological Methods*, **17**, 457-477 (2012)
13. Nahum-Shani I, Qian M, Almira D, Pelham W, Gnagy B, Fabiano G, Waxmonsky J, **Yu J**, Murphy SA. Q-Learning: A Data Analysis Method for Constructing Adaptive Interventions. *Psychological Methods*, **17**, 478-494 (2012)
14. **Yu J***, Vexler A, Hutson AD. A maximum likelihood approach to analyzing incomplete longitudinal data in mammary tumor development experiments with mice. *Sri Lankan Journal of Applied Statistics*, **13**, 61-85 (2012)
15. Liao W, Luo X, Le C, Epstein LH, **Yu J**, Ahluwalia JS, Thomas JL. Analysis of Cigarette Purchase Task Instrument Data with a Left-Censored Mixed Effects Model. *Experimental and Clinical Psychopharmacology*, **21**, 124-132 (2013)
16. **Yu J***, Vexler A, Hutson AD, Baumann H. Empirical Likelihood Approaches to Two-Group Comparisons of Upper Percentiles Applied to Biomedical Data. *Statistics in Biopharmaceutical Research* **6**(1): 30-40 (2014)
17. **Yu J***, Liu L**, Collins R, Vincent P, Epstein L. Analytical Problems and Suggestions in the Analysis of Behavioral Economic Demand Curves. *Multivariate Behavioral Research*, **49** (2), 178-192 (2014)
18. Vexler A, Kim Y-M**, **Yu J**, Hutson A, Lazar N. Computing critical values of exact tests by incorporating Monte Carlo simulations combined with statistical tables. *Scandinavian Journal of Statistics*, **41**, 1013-1030 (2014)
19. Vexler A, Chen X, **Yu J**. Evaluations and Comparisons of Treatment Effects Based on Best Combinations of Biomarkers with Applications to Biomedical Studies. *Journal of Computational Biology*, **21**, 709-721 (2014)
20. Hutson AD, Wilding GE, **Yu J**, Vexler A. Exact inference for the dispersion matrix *Advances in Statistics*, (2014)
21. **Yu J***, Yang L**, Hutson A. Recommendations for the small sample size for studies of periodontal treatment. *Dental Clinics of North America (Special Ed. of Unanswered Questions in Periodontology)*, **59** (4), 781-797 (2015)
22. **Yu J***, Hutson A, Siddiqui A and Kedron MA. Group sequential control of toxicity incidents in clinical trials - non-Bayesian and Bayesian approaches. *Statistical Methods in Medical Research*, **25**, 64-80 (2016)
23. **Yu J***, Yang L**, Vexler A, Hutson A. A Generalized Empirical Likelihood Approach for Two-Group Comparisons Given a U-Statistic Constraint. *Statistics*, **50** (2), 435-453, (2016)
24. **Yu J***, Yang L**, Vexler A, Hutson A. Easy and Accurate Variance Estimation of the Nonparametric Estimator of the Partial Area under the ROC Curve and Its Application. *Statistics in Medicine*, **35**, 2251-2281 (2016)
25. Vexler A, **Yu J***, Lazar N. Bayesian empirical likelihood methods for quantile comparisons. *Journal of the Korean Statistical Society*, **46**(4), 518-538 (2017)
26. Vexler A., **Yu J**, Zhao Y, Hutson A., Gurevich G. Expected P-values in Light of an ROC Curve Analysis Applied to Optimal Multiple Testing Procedures. *Statistical Methods in Medical Research*, **27**: 3560-3576 (2018)
27. Vexler A., **Yu J**. To t-Test or Not to t-Test? A p-Values-Based Point of View in the Receiver Operating Characteristic Curve Framework. *Journal of Computational Biology*, **25**, 541-550 (2018)
28. **Yu J***, Vexler A, Jalal K**. A critical issue of using the variance of the total in the linearization method—In the context of unequal probability sampling. *Statistics in Medicine*, **38**(8), 1475-1483 (2019)

29. Zou L, Vexler A, **Yu J**, Wan H. A Sequential Density-Based Empirical Likelihood Ratio Test for Treatment Effects, *Statistics in Medicine*, in print (2019) doi: 10.1002/sim.8095
30. **Yu J***, Chen Z, Wang K, Tezal M. Suggestion of confidence intervals for coefficient alpha in complex survey data for group comparisons, *Survey Methodology*, 45(3), 465-484 (2019)
31. Tian M**, **Yu J***, Kim J. Estimation of the area under a curve via several B-splines-based regression methods and applications in scientific data, *Journal of Biopharmaceutical Statistics*, 30(4), 704-720 (2020)
32. Tian M**, **Yu J***. Estimating model-based nonnegative population marginal means in application to medical expenditures covered by different health care policies – a study on Medical Expenditure Panel Survey, *Statistical Methods in Medical Research* 30(1), 299-315 (2021)
33. Tian M**, **Yu J***, Lillvis D, Vexler A. Procedural development for comparative studies to assess the effectiveness of influenza vaccination using publicly available medical expenditure data *Health Services Research*, 57(1), 200-211 (2022)
34. Park S, **Yu J***, A Novel Network Architecture Combining Central-Peripheral Deviation with Image-Based Convolutional Neural Networks for Diffusion Tensor Imaging Studies, *Journal of Applied Statistics*, 10:1-8 (2022)
35. Nie J, **Yu J***, An inferential approach to model-based reliability: Applications with health survey data (submitted, 2022)

In Progress

- Yang L, **Yu J**, Vexler A, Hutson A. Empirical likelihood approach to a mode test in an application to survey data (*In progress*)

- **Collaborative & Statistical Application Research (Peer-reviewed)**

36. Douglas WG, Tracy E, Tan D, **Yu J**, Hicks W L, Rigual NR, Loree T R, Wang Y, Baumann H. Development of head and neck squamous cell carcinoma is associated with altered cytokine responsiveness. *Molecular Cancer Research*, 2(10), 585-593 (2004)
37. Javle MM, Tan D, **Yu J**, LeVeae CM, Li F, Kuvshinoff BW, Gibbs JF. Nuclear survivin expression predicts poor outcome in cholangiocarcinoma. *Hepato-Gastroenterology*, 51(60), 1653-1657 (2004)
38. Couchman GR, Forjuoh SN, Rajab MH, Phillips CD, **Yu J**. Nonclinical factors associated with primary care physicians' ordering patterns of magnetic resonance imaging/computed tomography for headache. *Academic Radiology* 11(7), 735-740 (2004)
39. Loewen GM, Tracy E, Blanchard F, Tan D, **Yu J**, Raza S, Matsui SI, Baumann H. Transformation of human bronchial epithelial cells alters responsiveness to inflammatory cytokines. *BMC Cancer*, 5, 145 (2005)
40. Chadha KS, Khoury T, **Yu J**, Black J, Gibbs JF, Kuvshinoff BW, Tan DF, Brattain MG, Javle MM. Activated AKT and ERK expression and survival after surgery in pancreatic carcinoma. *Annals of Surgical Oncology*, 13(7), 933-939 (2006)
41. Ahn J, Nowell S, McCann SE, **Yu J**, Carter L, Lang NP, Kadlubar FF, Ratnasinghe, LD, Ambrosone CB. Associations between Catalase Phenotype and Genotype: Modification by Epidemiologic Factors. *Cancer Epidemiology, Biomarkers & Prevention*, 15(6), 1217-1222 (2006)
42. Miller KC, DiMicelli L, Marshal P, Landrigan B, **Yu J**, Koryzna A, Doran V, Chanan-Khan A. Prospective evaluation of low-dose warfarin for prevention of thalidomide associated venous thromboembolism. *Leukemia and Lymphoma*, 47(11), 2339-2343 (2006)
43. Bhagat V, Javle M, **Yu J**, Agrawal A, Gibbs JF, Kuvshinoff B, Nava E, Iyer R. Combined Hepatocholangiocarcinoma: Case-series & Review of Literature. *International Journal of Gastrointestinal Cancer*, 37(1), 27-34 (2006)

44. Chanan-khan AA, Padmanabhan S, Miller KC, Musiel L, **Yu J**, Bernstein ZP, ..., Czuczman MS. Final Results of a Phase II Study of Bortezomib (Velcade) in Combination with Liposomal Doxorubicin (Doxil) and Thalidomide (VDT) Demonstrate a Sustained High Response Rates in Patients (pts) with Relapsed (rel) or Refractory (ref) Multiple Myeloma. *Blood*, **108**(11), 3539-3539 (2006)
45. Morey SR, Smiraglia DJ, James SR, **Yu J**, Moser MT, Foster BA, Karpf AR. DNA methylation pathway alterations in an autochthonous murine model of prostate cancer. *Cancer Res.*, **66**(24), 11659-11667 (2006)
46. Javle MM, **Yu J**, Khoury T, Chadha KC, Iyer RV, Gibbs JF, Geradts J, Black JD, Brattain MG, Akt expression may predict favorable prognosis in cholangiocarcinoma. *Journal of Gastroenterology and Hepatology*, **21**(11), 1744-1751 (2006)
47. Park EM, Ramnath N, Yang G, Ahn JY, Park Y, Lee TY, Shin HS, **Yu J**, Clement Ip C, Park YM. High SOD and low GPX activities in RBC predict susceptibility of lung cancer patients to radiation pneumonitis. *Free Radical Biology & Medicine*, **42**, 280-287 (2007)
48. Agrawal S, Kuvshinoff BW, Khoury T, **Yu J**, Javle MM, LeVea C, Groth J, Coignet LJ, Gibbs JF. CD24 expression is an independent prognostic marker in cholangiocarcinoma. *Journal of Gastrointestinal Surgery*, **11**(4), 445-51 (2007)
49. Reddy N, **Yu J**, Fakih MG. Toxicities and survival among octogenarians and nonagenarians with colorectal cancer (CRC) treated with chemotherapy or concurrent chemoradiation. *Clinical Colorectal Cancer*, **6**(5), 362-366 (2007)
50. Javle M, Shah P, **Yu J**, Bhagat V., Litwin A, Iyer R, Gibbs J. Cystic pancreatic tumors (cpt): predictors of malignant behavior. *Journal of surgical oncology*, **95**, 221-228 (2007)
51. Ailawadhi S, Nagase H, Khoury T, **Yu J**, Tan D, Black J, Brattain M, Javle M. Intestinal Trefoil Factor (TFF-3) and Extracellular Signal-Regulated Kinase(ERK) in Cholangiocarcinoma. *Hepato-Gastroenterology*, **54**, 1339-1344 (2007).
52. Kim JH, Bogner P, Ramnath N, **Yu J**, Park Y, and Park YM. Elevated expression of Prx1 and Nrf2 in stage I non-small cell lung cancer: Prx1, but not Nrf2, is an independent prognostic factor for disease recurrence and reduced survival after surgery. *Clinical Cancer Research*, **13**(13), 3875-82 (2007)
53. Varadarajan R, Edgg SB, **Yu J**, Wartroba N, Janarthanan B. Prognosis of occult breast carcinoma presenting as isolated axillary nodal metastasis. *Oncology*, **71**(5-6), 456-459 (2007)
54. Woloszynska-Read A, James SR, Link PA, **Yu J**, Odunsi K, Karpf AR. DNA methylation-dependent regulation of BORIS/CTCF expression in ovarian cancer. *Cancer Immunity*, **7**, 21 (2007)
55. Javle MM, Gibbs JF, Iwata KK, Pak Y, Rutledge P, **Yu J**, Black JD, Tan D, Khoury T. Epithelial-mesenchymal transition (EMT) and activated extracellular signal-regulated kinase (p-Erk) in surgically resected pancreatic cancer. *The Annals of Surgical Oncology*, **14**(12), 3527-3533 (2007)
56. Woloszynska-Read A, Mhaweche-Fauceglia P, **Yu J**, Odunsi K, Karpf AR. Intertumor and intratumor NY-ESO-1 expression heterogeneity is associated with promoter-specific and global DNA methylation status in ovarian cancer. *Clinical Cancer Research*, **14**(11), 3283-3290 (2008)
57. Ramnath N, **Yu J**, Khushalani NI, Gottlieb RH, Schwarz JK, Iyer RV, Rustum YM, Creaven PJ. Scheduled administration of low dose irinotecan before gemcitabine in the second line therapy of non-small cell lung cancer: a phase II study. *Anticancer Drugs*, **19**(7), 749-752 (2008)
58. Mastrandrea L, **Yu J**, Behrens T, Buchlis J, Albin C, Fournier S, Quattrin T. Etanercept Treatment in Children with New Onset Type 1 Diabetes: Pilot Randomized, Placebo-Controlled, Double Blind Study. *Diabetes Care*, **32**(7), 1244-1249 (2009)
59. Javle M, **Yu J**, Garrett C, Kuvshinoff B, Litwin A, Phelan III J, Gibbs J, Iyer R. Bevacizumab combined with Gemcitabine and Capecitabine advanced pancreatic cancer: A phase II study. *British Journal of Cancer*, **100**(12), 1842-1845 (2009)

60. Chanan-Khan A, Miller KC, Musial L, Padmanabhan S, **Yu J**, Ailawadhi S, Sher T, Mohr A, Bernstein ZP, Barcos M, Patel M, Iancu D, Lee K, Czuczman MS. Bortezomib in combination with pegylated liposomal doxorubicin and thalidomide is an effective steroid independent salvage regimen for patients with relapsed or refractory multiple myeloma: results of a phase II clinical trial. *Leukemia and Lymphoma*, **50**(7), 1096-1101 (2009)
61. Scanapieco F, **Yu J**, Raghavendran K, Vacanti A, Owens S, Wood K, Mylotte J. A randomized trial of chlorhexidine gluconate on oral bacterial pathogens in mechanically ventilated patients. *Critical Care*, **13**(4), R117 (2009)
62. Mastrandrea LD, **Yu J**, Behrens T, Buchlis J, Albini CH, Fournier S, Quattrin T. Etanercept treatment in children with new onset type 1 diabetes. Response to Peters. *Diabetes Care*, **32**(12), e154 (2009)
63. Fabiano GA, Vujnovic RK, Pelham WE, Waschbusch DA, Massetti GM, Pariseau ME, Naylor J, **Yu J**, Robins M, Carnefix T, Greiner AR, Volker M. Enhancing the Effectiveness of Special Education Programming for Children with Attention-Deficit/Hyperactivity Disorder Using a Daily Report Card. *School Psychology Review*, **39**, 219-239 (2010)
64. Babinski DE, Pelham WE Jr, Molina BS, Gnagy EM, Waschbusch DA, **Yu J**, Maclean MG, Wymbs BT, Sibley MH, Biswas A, Robb JA, Karch KM. Late adolescent and young adult outcomes of girls diagnosed with ADHD in childhood: an exploratory investigation. *Journal of Attention Disorder*, **15**(3), 204-214 (2011)
65. Woloszynska-Read A, Zhang W, **Yu J**, Link PA, Mhawech-Fauceglia P, Collamat G, Akers SN, Ostler KR, Godley LA, Odunsi K, Karpf AR. Coordinated Cancer Germline Antigen Promoter and Global DNA Hypomethylation in Ovarian Cancer: Association with the BORIS/CTCF Expression Ratio and Advanced Stage. *Clinical Cancer Research*, **17**(8), 2170-2180 (2011)
66. Kent KM, Pelham WE Jr, Molina BS, Sibley MH, Waschbusch DA, **Yu J**, Gnagy EM, Biswas A, Babinski DE, Karch KM. The academic experience of male high school students with ADHD. *The Journal of Abnormal Child Psychology*, **39**(3), 451-462 (2011)
67. Babinski DE, Pelham Jr WE, Molina BS, Waschbusch DA, Gnagy EM, **Yu J**, Sibley M, Biswas A. Women with childhood ADHD: Comparisons by diagnostic group and gender. *Journal of psychopathology and behavioral assessment*, **33**(4), 420-429. (2011)
68. Fabiano GA, Pelham WE, Cunningham CE, **Yu J**, Gangloff B, Buck M, Linke SM, Gormley M, Gera S. A Waitlist-Controlled Trial of Behavioral Parent Training For Fathers of Children with Attention-Deficit/Hyperactivity Disorder. *Journal of Clinical Child and Adolescent Psychology*, **41**(3), 337-345 (2012)
69. Quattrin T, Roemmich JN, Paluch R, **Yu J**, Epstein LH, Ecker MA. Efficacy of Family-Based Weight Control Program for Pre-School Children in Primary Care. *Pediatrics*, **130**(4), 660-666. (2012)
70. Sternberg Z, Ghanim H, Gillotti KM, Tario JD Jr, Munschauer F, Curl R, Noor S, **Yu J**, Ambrus JL Sr, Wallace P, Dandona P. Flow cytometry and gene expression profiling of immune cells of the carotid plaque and peripheral blood. *Atherosclerosis*, **229**(2):338-47 (2013)
71. Kuriyan AB, Pelham WE, Molina BS, Waschbusch DA, Gnagy EM, Sibley MH, Babinski DE, Walther C, Cheong J, **Yu J**, Kent KM. Young adult educational and vocational outcomes of children diagnosed with ADHD. *Journal of Abnormal Child Psychology*, **41**(1), 27-41.(2013)
72. Fabiano GA, Vujnovic RK, Waschbusch DA, **Yu J**, Mashtare T, Pariseau ME, ..., Smalls KJ. A comparison of workshop training versus intensive, experiential training for improving behavior support skills in early educators. *Early Childhood Research Quarterly*, **28**(2), 450-460. (2013)
73. Sternberg Z, Leung C, Sternberg D, **Yu J**, Hojnacki D. Disease Modifying Therapies May Modulate Cardiovascular Risk Factors in Multiple Sclerosis Patients. *Cardiovascular Therapeutic*, **32**(2), 33-39 (2014)

74. Collins RL, Vincent PC, **Yu J**, Liu L**, Epstein LH. A behavioral economic approach to assessing demand for marijuana. *Experimental and Clinical Psychopharmacology*. **22**(3):211-221 (2014)
75. Siddiqui AH, Zivadinov R, Benedict RH, Karmon Y, Yu J, Hartney ML, Marr KL, Valnarov V, Kennedy CL, Ramanathan M, Ramasamy DP. Prospective randomized trial of venous angioplasty in MS (PREMiSe). *Neurology*. **83**(5), 441-9 (2014)
76. Zivadinov R, Siddiqui A, Karmon Y, **Yu J**, Marr K, Valnarov V, Kennedy C, Ramanathan M, Ramasamy D, Kresimir D, Hojnacki D. Percutaneous transluminal venous angioplasty (PTVA) is ineffective in correcting chronic cerebrospinal venous insufficiency (CCSVI) and may increase multiple sclerosis (MS) disease activity in the short term: Safety and efficacy results of the 6-month, double-blinded, sham-controlled, prospective, randomized endovascular therapy in MS (PREMiSe) Trial. *Neurology*, **80**(19) E206 (2014)
77. Kamm K, Feikin D, Bigogo G, Aol G, Audi A, Cohen A, Shah M, **Yu J**, Breiman R, Ram P. Associations between presence of handwashing stations and soap in the home, and diarrhea and respiratory illness, in children less than five years old in rural western Kenya. *Tropical Medicine & International Health* **19** (4), 398-406 (2014)
78. Quattrin T, Roemmich J, Paluch R, **Yu J**, Epstein L, Ecker M. Treatment Outcomes of Overweight Children and Parents in the Medical Home. *Pediatrics* **134**, 290-297 (2014)
79. Sternberg Z, Sternberg D, Drake A, Chichelli T, **Yu J**, Hojnacki D. Disease modifying drugs modulate endogenous secretory receptor for advanced glycation end-products, a new biomarker of clinical relapse in multiple sclerosis. *Journal of Neuroimmunology*, **274**, 197-201 (2014)
80. Anwar S, Tan W, **Yu J**, Hutson A, Javle M, Iyer R. Quality-of-life (QoL) as a predictive biomarker in patients with advanced pancreatic cancer (APC) receiving chemotherapy: results from a prospective multicenter phase 2 trial. *Journal of gastrointestinal oncology*, **5**(6), 433-439. (2014)
81. Sternberg Z, Grewal P, Cen S, Debarge-Igoe F, **Yu J**, Arata M. Blood pressure normalization post-jugular venous balloon angioplasty. *Phlebology* **30**, 280-287 (2015)
82. Xiang J, **Yu J**, Choi H, Fox Dolan J, Snyder K, Levy EI, Siddiqui AH, Meng H: Rupture Resemblance Score (RRS)—Toward Risk Stratification of Unruptured Intracranial Aneurysms Using Hemodynamic-Morphologic Discriminants. *Journal of Neurointerventional Surgery*. **7**(7):490-495 (2015)
83. Ram PK, DiVita MA, Khatun-e-Jannat K, Islam M, Krytus K, Cercone E, Sohel BM, Ahmed M, Rahman AM, Rahman M, **Yu J**, Brooks WA, Azziz-Baumgartner E, Fry AM, Luby SP. Impact of Intensive Handwashing Promotion on Secondary Household Influenza-Like Illness in Rural Bangladesh: Findings from a Randomized Controlled Trial. *PLoS One*, **10**(6), e0125200 (2015).
84. Xiang J, **Yu J**, Snyder KV, Levy EI, Siddiqui AH, Meng H. Hemodynamic-morphological discriminant models for intracranial aneurysm rupture remain stable with increasing sample size. *Journal of Neurointerventional Surgery*. **8**(1),104-110 (2016)
85. Fanous AA, Natarajan SK, Jowdy PK, Dumont TM, Mokin M, **Yu J**, Goldstein A, Wach MM, Budny JL, Hopkins LN, Snyder KV, Siddiqui AH, Levy EI: High Risk Factors in Symptomatic Patients Undergoing Carotid Artery Stenting with Distal Protection. Buffalo Risk Assessment Scale (BRASS). *Neurosurgery*, **77**(4):531-42 (2015)
86. Sternberg Z, Chichelli T, Sternberg D, Sawyer R, Ching M, **Yu J**, Munschauer F. Relationship between inflammation and aspirin and Clopidogrel antiplatelet responses in acute ischemic stroke. *Journal of Stroke and Cerebrovascular Diseases*, **25**(2), 327-34 (2016)
87. Sternberg Z, Sternberg D, Chichelli T, Drake A, Patel N, Kolb C, Chadha K, **Yu J**, Hojnacki D. High-mobility group box 1 in multiple sclerosis. *Immunologic Research*, **64**(2):385-391 (2016)

88. Sternberg Z, Chiotti A, Tario J, Chichelli T, Patel N, Chadha K, **Yu J**, Karmon Y. Reduced expression of membrane-bound (m)RAGE is a biomarker of multiple sclerosis disease progression. *Immunobiology*, **221**(2):193-198, (2016)
89. Weaver AM, Khatun-e-Jannat K, Cercone E, DiVita MA, KrytusK, Sohel BM, Ahmed M, Rahman M, W. Brooks A, Azziz-Baumgartner E, **Yu J**, Fry AM, Luby SP, Ram PK, Household-level risk factors for secondary influenza-like illness in a rural area of Bangladesh. *Tropical Medicine & International Health* **22**, 187-195 (2017a)
90. Vincent PC, Collins RL, Liu L, **Yu J**, De Leo JA, Earleywine M. The effects of perceived quality on behavioral economic demand for marijuana: A web-based experiment. *Drug and Alcohol Dependence* **170**, 174-180 (2017)
91. Sternberg Z, Kolb C, Chadha K, Nir R, George R, Johnson J, **Yu J**, Hojnacki D. Fingolimod Anti-inflammatory and Neuroprotective Effects Modulation of RAGE Axis in Multiple Sclerosis Patients, *Neuropharmacology* **130**, 71-76 (2018)
92. Weaver A, Parveen S, Doli Goswami D, Crabtree-Ide C, Carole Rudra C, **Yu J**, Mu L, Fry A, Sharmin I, Stephen P. Luby S, Ram P. Pilot intervention study of household ventilation and fine particulate matter concentrations in a low-income urban area, Dhaka, Bangladesh. *The American Journal of Tropical Medicine and Hygiene* **97**, 615-623 (2017b)
93. Varble N, Tutino VM, **Yu J**, Sonig A, Siddiqui AH, Davies JM, Meng H. Shared and Distinct Rupture Discriminants of Small and Large Intracranial Aneurysms. *Stroke* **49**(4):856-864 (2018)
94. Zhao J, Kessler E, **Yu J**, Jalal K, Cooper CA, Brewer J, Schwaitzberg SD, Guo WA. Impact of Trauma Hospital Ransomware Attack on Surgical Residency Training, *Journal of Surgical Research*, **232**, 389-397 (2018)
95. Amin N, Sagerman DD, Nizame FA, Das KK, Nuruzzaman M, **Yu J**, Unicomb L, Luby SP, Ram PK. Effects of complexity of handwashing instructions on handwashing procedure replication in low-income urban slums in Bangladesh: A randomized non-inferiority field trial, *Journal of Water, Sanitation and Hygiene for Development* (2019, accepted)
doi.org/10.2166/washdev.2019.131
96. Wichaidit W, Steinacher R, Okal JA, Whinnery J, Null C, Kordas K, **Yu J**, Pickering AJ, Ram PK. Effect of a Hardware-Behavior Change Intervention on Handwashing Behavior Among Primary School Children in Kenya: the Povu Poa School Pilot Study, *BMC Public Health* (2019, In print)
97. Frauenhofer E, Cho J, **Yu J**, Al-Saigh Z, Kim J. Adsorption of hydrocarbons commonly found in gasoline residues on household materials studied by inverse gas chromatography, *Journal of Chromatography A*, in print (2019). doi.org/10.1016/j.chroma.2019.01.076
98. Sternberg Z, Sternberg R, Nir A, **Yu J**, Nir R, Chadha K, Halverson S, Quinn JF, Kaye J, Kolb C. Increased Free Prostate Specific Antigen Serum Levels in Alzheimer's Disease, Correlation with Clinical Severity, *Journal of Neurological Sciences*, **400**, 188-193 (2019)
99. Desai G, Barg G, Vahter M, Queirolo EI, Peregalli F, Mañay N, Millen AE, **Yu J**, Browne R, Kordas K. Low level arsenic exposure, B-vitamins, and scholastic achievement among Uruguayan school children. *International Journal of Hygiene and Environmental Epidemiology*, **223**, 124-131 (2020)
100. Desai G, Vahter M, Queirolo EI, Peregalli F, Mañay N, Millen AE, **Yu J**, Browne R, Kordas K. Vitamin B-6 Intake Is Modestly Associated with Arsenic Methylation among Uruguayan Children with Low-level Arsenic Exposure, *The Journal of Nutrition* , 150(5), 1223-1229 (2020)
101. Filipescu R, Powers C, Yu H, **Yu J**, Rothstein DH, Harmon CM, Clemency B, Guo WA, Bass KD. Improving the Performance of the Revised Trauma Score using Shock Index, Peripheral Oxygen Saturation and Temperature – a National Trauma Database Study 2011 – 2015, *Surgery*, **167**, 821-828 (2020)

102. Wichaidit W, Kordas K, **Yu J**, Muldoon R, Nepal BP, Basnet N, Vujcic J, Ram P. Normative Expectations and Handwashing Behaviors: Results from a Cross-Sectional Survey with Structured Observation in Nepal (2019, submitted)
103. Kim J, **Yu J**. Measurements of relative distribution constants of vaporized hydrocarbons between air and polydimethylsiloxane via capillary column inverse gas chromatography for the calculation of headspace hydrocarbon compositions, *Journal of Chromatography A*, 1627, 461405 (2020)
104. Desai G, Barg G, Vahter M, Queirolo E, Peregalli F, Manay N, Millen A, **Yu J**, Kordas K. Executive Functions in School Children from Montevideo, Uruguay and their Associations with Concurrent Low-level Arsenic Exposure, *Environmental International*, 142, 105883 (2020)
105. Petterson DSW, Dulmus C, Wilding G, Barczykowski A, **Yu J**, Beeler-Stinn S, Blackdeer A, Harvey S, Rodriguez N. Profiles and Predictors of Treatment-Resistant Opioid Use Disorder (TROUD): A Secondary Data Analysis of Treatment Episode Data Set's 2017 Admissions, *Alcoholism Treatment Quarterly*, (Epub March 2021) .
<https://www.tandfonline.com/doi/abs/10.1080/07347324.2021.1895015?journalCode=watq20>
106. Fraunhofer E, Cimmerer C, **Yu J**, Al-Saigh Z, Kim J. Investigation of sorption and diffusion of hydrocarbons into polydimethylsiloxane in the headspace-solid phase microextraction sampling process via inverse gas chromatography, *Journal of Chromatography A*, 1639, 461894 (Feb 2021)
107. Sternberg Z, Podolsky R, Nir A, **Yu J**, Nir R, Halvorsen SW, Quinn JF, Kaye J, Kolb C. The Utility of Spermidine Serum Levels as a Biomarker of Alzheimer's Disease a Pilot study *Alzheimer's Disease & Dementia* (May, 2021)
108. Hu J, Jalal K, **Yu J**, Jordan J. Surgical Delay in Peptic Ulcer Perforation Leads to Serious Adverse Outcomes (submitted, 2021)
109. Filipescu R, Powers C, Yu H, **Yu J**, Guo W, Clemency B, Harmon C, Bass K, Rothstein D. Early Tracheostomy in Pediatric Patients with Traumatic Brain Injury: The Why and When (submitted, 2021)
110. Patterson Silver Wolf DA, Dulmus CN, Wilding GE, **Yu J**., Barczykowski AL, ShiT, ..., & Linn BK. Treatment Resistant Alcohol Use Disorder. *Alcoholism Treatment Quarterly*, 40(2), 205-216. (2022)
111. Sternberg Z, Podolsky R, Nir A, **Yu J**, Nir R, Halvorsen SW, ..., & Kolb C. Elevated spermidine serum levels in mild cognitive impairment, a potential biomarker of progression to Alzheimer dementia, a pilot study. *Journal of Clinical Neuroscience*, 100, 169-174. (2022)
112. Sternberg Z, Podolsky R; Nir A, Yu J, Nir R, Halvorsen SW, Quinn J, Kaye J, Kolb C. Delayed decline of cognitive function by antihypertensive agents: A cohort study linked with genotype data (submitted 2022).
113. Lillvis, D. F., Sheehan, K. M., Yu, J., Noyes, K., Bass, K. D., & Kuo, D. Z. Characterizing physical trauma in Children and Youth with Special Health Care Needs. *The Journal of Trauma and Acute Care Surgery*. (accepted, 2022)

Book

Vexler A, **Yu J**. *Empirical Likelihood Methods in Biomedicine and Health*, CRC Press, Taylor & Francis Company (September, 2018)

Book Chapters

Vexler A, Hutson A, **Yu J**. Chapter 10. Empirical Likelihood Methods in Clinical Experiments. *Methods and Applications of Statistics in Clinical Trials: Planning, Analysis, and Inferential Methods*, Volume 2 (2014)

Yu J, Vexler A. Chapter 11. Predicting Confidence Interval for the Proportion at the Time of Study Planning in Small Clinical Trials. *Frontiers of Biostatistics and Bioinformatics*, Edited by Yichuan Zhao and Ding-Geng Chen Springer: ICSA Book Series in Statistics (2018)

Book Contract

Vexler A, **Yu J**, Modern inference based on health related markers - Biomarkers and Statistical Decision Making, Elsevier Inc. ID: 475F9690-A101-4D89-B713-279B3B1C9314 (Expected in 2020).

Book Review

1. **Yu J**. Measures, Integrals and Martingales, by René L. Schilling. *Technometrics* **49**, 363 (2007)
2. **Yu J**. An Introduction to Applied Multivariate Analysis with R by B. Everitt; T. Hothorn. *Technometrics* **54**, 54(4), 445 (2012)

Published Abstracts in Journals

1. Kim M, Tan DF, LeVeae C, **Yu J**, Kuvshinoff B, Suneetha D, Gibbs J, Javle MM. Nuclear survivin expression correlates with poor prognosis in cholangiocarcinoma. *Journal of Clinical Oncology, 2004 American Society of Clinical Oncology Annual Meeting Proceedings (Post-Meeting Edition)*. Vol 22, No 14S (July 15 Supplement), 4092 (2004)
2. Ailawadhi S, Khoury T, **Yu J**, LeVeae C, Javle MM, Kuvshinoff B, Black J, Brattain M. Intestinal trefoil factor (tff-3) expression and correlation with other signaling proteins in cholangiocarcinoma. *Journal of Clinical Oncology, 2005 American Society of Clinical Oncology Annual Meeting Proceedings*. Vol 23, No. 16S, Part I of II (June 1 Supplement), 4137 (2005)
3. Javle MM, **Yu J**, Chadha M, Khoury T, LeVeae C, Iyer R, Gibbs J, Oleszek D, Brattain M, Black J. MAPK activation predicts poor survival after pancreaticoduodenectomy in pancreatic carcinoma. *Journal of Clinical Oncology, 2005 American Society of Clinical Oncology Annual Meeting Proceedings*. Vol 23, No. 16S, Part I of II (June 1 Supplement), 9578 (2005)
4. Javle MM, Iyer RV, **Yu J**, Wilkinson DQ, Nava HR, Phelan JT, Litwin AM, Haney JM, Gibbs JF, Kuvshinoff BW. Phase II study of gemcitabine, capecitabine and bevacizumab for advanced pancreatic cancer (APC) with ecog ps: 0-1. *Journal of Clinical Oncology, 2006 American Society of Clinical Oncology Annual Meeting Proceedings Part I*. Vol 24, No. 18S (June 20 Supplement), 4117 (2006)
5. Yosuido V, Khoury T, **Yu J**, Pande A, Javle MM. Epithelial-mesenchymal transition (EMT) in resected pancreatic cancer. *Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I*. Vol 24, No. 18S (June 20 Supplement), 4094 (2006)
6. **Yu J**, Reddy NM, Rajput A, Smith J, Yang G, Fakih M. Outcomes and toxicities among octogenarians and nonagenarians with colorectal cancer (crc) treated with chemotherapy or concurrent chemoradiation-a single institution study. *Journal of Clinical Oncology*. 2006 Jun 20;24(18_suppl):13514-13514 (2006)
7. Chanan-Khan AA, Padmanabhan S, Miller KC, Musiel L, **Yu J**, Bernstein ZP, Manochakian R, Czuczman MS. A Phase II Study of Velcade, Doxil, and Thalidomide (VDT) in Relapsed/Refractory Myeloma. *Blood*, 108 (11), 1010a (2006)
8. Iyer RV, Javle MM, Pande A, **Yu J**, Wilkinson D, Rustum Y, Wallace P. Levels of circulating endothelial cells (CECs) as early pharmacodynamic markers of activity of anti-angiogenic (AA) therapy in advanced pancreatic cancer (PC). *Journal of Clinical Oncology, 2006 American Society of Clinical Oncology Annual Meeting Proceedings Part I*. 24, 18S (June 20 Supplement), (2006)

9. Noe MF, Epstein LH, Lackner J, Leddy J, Fisher N, **Yu J**, Trevisan M, Paluch R, Kennedy C, Kilanowski C. The Health Improvement Project (HIP): A report on the outcome of an intensive medical intervention for class III obesity. *Obesity* **18**, S148-S148 (2010)
10. Sagerman DD, Nizame FA, Nuruzzaman M, **Yu J**, Luby SP, Ram PK. Impact of complexity of handwashing instructions on adherence in a low income setting, Dhaka, Bangladesh, 2010. *American Journal of Tropical Medicine and Hygiene*. **6**(suppl 1):380-381 (2011)
11. Amin N, Sagerman DD, Nizame FA, Das KK, Nuruzzaman M, **Yu J**, Unicomb L, Luby SP, Ram PK. Effects of complex handwashing instructions on adherence among school children in a low income urban community of Dhaka, Bangladesh. *American Journal of Tropical Medicine and Hygiene, American Society of Tropical Medicine & Hygiene* **93**, 175-175 (2015)

Abstracts for Conferences

1. Douglas WG, Tracy E, Tan DF, **Yu J**, Hicks WL, Rigual NR, Loree TR, Wang Y, Baumann H. Development of head and neck squamous cell carcinoma is associated with altered cytokine responsiveness. *The Cancer Education Translational Oncology Research Symposium*, 2004
2. Chadha K, Javle MM, **Yu J**. EGFR signaling pathway predicts survival post- Whipple resection for pancreatic carcinoma. *Digestive Disease Week*, 2005
3. Bhagat V, Shah P, **Yu J**, Gibbs J, Iyer R, Litwin A, Javle MM. Cystic lesions of pancreas: predictors of malignant behavior. *American College of Physicians*, 2005
4. Scime M, Pelham WE, Massetti G, Waschbusch DA, O'Dell S, **Yu J**. Impact of a school-wide positive behavior program on office referrals and time spent dealing with student misbehavior. *The 40th Annual Convention of the National Association of School Psychologists*, 2008
5. Fabiano GA, Pelham WE, Waschbusch DA, Massetti GM, Summerlee M, Naylor J, Vujnovic R, Robins ML, Carnefix TB, Volker M, Lopata C, Rennemann J, **Yu J**. Enhancing the individualized education programs of children with ADHD using a daily report card procedure. *The Institute of Educational Sciences' Third Annual Research Conference*, 2008
6. Fabiano GA, Gangloff B, Buck M, Pelham WE, **Yu J**, Cunningham CE. Outcomes for an intervention for fathers of children with ADHD. *American Psychological Association*, 2009
7. Waxmonsky JG, Pariseau ME, Belin PJ, D. Waschbusch DA, Akinnusi O, Fabiano GA, Haak J, **Yu J**, Pelham WE. Efficacy and tolerability of stimulants in children with ADHD and severe Mood Dysregulation (SMD). *The American Academy of Child and Adolescent Psychiatry 2010 Conference*, 2010
8. Waxmonsky JG, Pariseau ME, Belin PJ, Waschbusch DA, Akinnusi O, Fabiano GA, Haak J, **Yu J**, Pelham WE. A novel group-based therapy for children with ADHD and severe mood dysregulation (SMD). *American Academy of Children and Adolescent Psychiatry - 57th Annual Meeting*, 2010
9. Fabiano GA, Vujnovic R, Waschbusch DA, Pelham WE, **Yu J**. Supporting head start teachers in effective classroom management through behavioral consultation. *Society for Research in Child Development Biennial Meeting*, 2011
10. Collins RL, Vincent P, Epstein L, **Yu J**, Vetter C, Lambiase M, Insana M, Saltino D. Marijuana purchasing behavior among young-adult marijuana users. *The College on Problems of Drug Dependence meeting*, 2011
11. Quattrin T, Roemmich JN, Paluch R, **Yu J**, Epstein LH, Ecker MA. Treating pre-school overweight children in the primary care setting: preliminary results of Buffalo healthy tots (BHT). *The Society for Pediatric Research*, 2011
12. Sagerman D, Nizame F, **Yu J**, Luby SP, Ram P. Impact of complexity of instructions on handwashing instructions on adherence in a low income setting. Dhaka, Bangladesh, 2010. *The American Society of Tropical Medical and Hygiene conference*, 2011

13. DiVita MA, Khatun-e-Jannat K, Islam M, Cercone E, Rook K, Sohel BM, Ahmed M, Azziz-Baumgartner E, Fry A, Brooks WA, **Yu J**, Averhoff F, P. Luby SP, Ram PK. Impact of intensive handwashing promotion on household transmission of influenza in a low income setting: Preliminary results of a randomized controlled clinical trial. *The American Society of Tropical Medical and Hygiene conference*, 2011
14. Kamm KB, Feikin DR, Bigogo G, Aol G, Audi A, Cohen AL, Shah M, **Yu J**, Breiman RF, Ram PK. Associations with handwashing in the home and respiratory and diarrheal illness in children under five years old in rural western Kenya. *The American Society of Tropical Medical and Hygiene conference*, 2011
15. Waxmonsky JG, Belin PJ, Pariseau M, Babocsai L, **Yu J**, Humphery H, Waschbusch D, Akinnusi O, Robb J, Pettit J, Haak J, Fabiano GA, Kent K, Babinski DE, Quiroz V, Pelham WE. A Randomized trial of a group therapy program for children with severe mood dysregulation (SMD). *American Academy of Children and Adolescent Psychiatry/Canadian Academy of Child and Adolescent Psychiatry Joint Meeting*, 2011
16. **Yu J**, Vexler A. Empirical likelihood confidence interval of a difference in high percentiles between two groups. *Joint Statistical Meeting*, August 2012
17. Quattrin T, Roemmich JN, Paluch R, **Yu J**, Epstein LH, Ecker MA. Parent weight change predicts child weight change in family-based weight control program for pre-school children (Buffalo Healthy Tots). *Pediatric Academic Societies' Annual Meeting*, April 2012
18. Ram PK, Islam M, Jannat K, DiVita M, Cercone E, Rook K, Azziz-Baumgartner E, Sohel BM, Brooks WA, **Yu J**, Fry AM. Individual level risk factors for secondary transmission of influenza-like illness: secondary data analysis from the Bangladesh Interruption of Secondary Transmission of Influenza Study (BISTIS). *American Society of Tropical Medicine and Hygiene Annual Meeting*, 2012
19. Weaver AM, Parveen S, Goswami D, Crabtree-Ide C, Rudia C, **Yu J**, Fry A, Sharmin I, Brooks WA, Luby SP, Ram PK. Pilot intervention study of household ventilation and fine particulate matter concentration in a low-income urban area, Dhaka, Bangladesh. *American Society of Tropical Medicine and Hygiene Annual Meeting*, 2012
20. Yang L, **Yu J**, Vexler A, Hutson A. A generalized empirical likelihood approach for two-group comparisons given a U-Statistic constraint. *J. Warren Perry Poster Day*, April 2014
21. Amin N, Sagerman DD, Nizame FA, Das KK, Nuruzzaman M, **Yu J**, Unicomb L, Luby SP, Ram PK. Effects of complex handwashing instructions on adherence among school children in a low income urban community of Dhaka, Bangladesh. *American Society of Tropical Medicine and Hygiene Annual Meeting*, 2015
22. Weaver AM, Islam M, Khatun-e-Jannat K, Cercone E, DiVita MA, Krytus K, Sohel BM, Ahmed M, Rahman AM, Rahman M, Brooks WA, Azziz-Baumgartner E, **Yu J**, Fry AM, Luby SP, Ram PK. Household-level risk factors for secondary influenza-like illness in a rural area of Bangladesh. *American Society of Tropical Medicine and Hygiene Annual Meeting*, 2015
23. Collins RL, Vincent P, Earleywine M, **Yu J**, De Leo J. The effects of perceived quality on demand for marijuana: a web-based behavioral economic experiment with young adults marijuana Users. *NIH Neuroscience Research Summit*, March 2016
24. Beecher A, So KL, Powell B, **Yu J**, Carter RL, Flynn W, Guo W. Red cell distribution width predicting trauma mortality is independent of severity of injury, *The American Association for the Surgery of Trauma*, September 2016 AAST (American Association for the Surgery of Trauma), 2016

25. Zhao J, Kessler E, **Yu J**, Jalal K, Cooper C, Brewer J, Schwaitzberg SD, Guo WA. How well would digitally native surgery residents adapt to a ransomware attack at a level I trauma center? *Western New York Committee on Trauma*, 2017
26. Zhao J, Kabir J, **Yu J**, Guo WA. Survival Benefit of Survival Benefit of Survival Benefit of Chest CT over CXR CT over CXR in Trauma. *14th Annual Academic Surgical Congress (ASC)*, February 2019
27. Mei Y, Tian M, **Yu J**. Increasing burden of mental disorder for young people – based on the data from Medical Expenditure Panel Survey. *J Warren Perry Poster Day*, University at Buffalo, April 2019
28. Hu J, Perez R, Jalal K, **Yu J**, Jordan J. Surgical Delay in Peptic Ulcer Perforation Leads to Serious Adverse Outcomes. *Clinical Congress 2019*, October 2019
29. Hu J, Perez R, Jalal K, **Yu J**, Jordan JM. Emergency acute diverticulitis: who should we anastomose? *The 15th Annual Academic Surgical Congress*, February 2020
30. Ashely Chopko¹, Radu Filipescu², Mingmei Tian³, Han Yu⁴, Jihnee Yu³, David H. Rothstein², Renee Reynolds⁵, Weidun A. Guo¹ INTRACRANIAL PRESSURE MONITORING DOES NOT INCREASE MORTALITY: A PROPENSITY MATCHED ANALYSIS, 2020 AAST Annual Meeting, September 2020
31. Hu J, Perez R, Jalal K, **Yu J**, Jordan J. Emergency Acute Diverticulitis: Who should we anastomose? *Clinical Congress 2020* (virtual oral presentation)
32. Radu F, Powers C, Tian M, Yu H, **Yu J**, Harmon CM, Bass KD, Clemency B, Guo WA, David H., Reynolds R (2020). Field and Ed physiologic trends improve performance of modified revised trauma socire. *79th Annual Meeting of AAST & Clinical Congress of Acute Care Surgery*, (virtual oral presentation 2020).
33. Ashley C, Filipescu R, Mingmei T, Yu H, **Yu J**, Rothstein D, Reynolds R, Guo WA. Intracranial Pressure Monitoring Does Not Increase Mortality: A Propensity Matched Analysis. *79th Annual Meeting of AAST & Clinical Congress of Acute Care Surgery*, (virtual oral presentation 2020).
34. Radu F, Powers C, Mingmei T, Yu H, **Yu J**, Harmon CM, Bass K, Harmon, Clemency B, Guo WA, David H., Reynolds R (2020). Random forest model using international classification of disease injury codes (ICD-10 clinical modification) outperforms injury severity score in predicting outcome and hospital length of stay. *79th Annual Meeting of AAST & Clinical Congress of Acute Care Surgery*, (virtual oral presentation 2020).
35. Tian M, **Yu J** (lead author), Estimating model-based nonnegative population marginal means in application to medical expenditures covered by different health care policies, *Eastern North American Region/International Biometric Society, 2021* (virtual – poster presentation)
36. Nordin A, Bass K, Lillvis D, **Yu J**, Cantor B, Nair VV. Gun Violence in the Era of COVID-19: One Northeastern City, *Quick Shot presentation on Research Day, University at Buffalo* (May, 2021).
37. Lillvis DF, Sheehan KM, **Yu J**, Noyes K, Bass KD, Kuo DZ. Characterizing Physical Trauma In Children and Youth with Special Health Care Needs, *Joseph Tepas Non MD Paper Competition 2021 Pediatric Trauma Society Annual Meeting* (2021)
38. Park S, **Yu J** (lead author). A Novel Network Architecture Combining Central Peripheral Deviation with Image-based Convolutional Neural Networks for Diffusion Tensor Imaging Studies, *Eastern North American Region/International Biometric Society* (March, 2022)
39. Park S, **Yu J** (lead author). A Novel Network Architecture Combining Central Peripheral Deviation with Image-based Convolutional Neural Networks for Diffusion Tensor Imaging Studies, *UP-STAT Conference 2022* (May, 2022) 3rd place in the student poster competition.

40. Nie J, **Yu J** (lead author). An inferential approach for coefficient omega in survey design, *Eastern North American Region/International Biometric Society* (March, 2022)
41. Nie J, **Yu J** (lead author). An inferential approach for coefficient omega in survey design, *UP-STAT conference 2022* (May, 2022)
42. Park S, **Yu J** (lead author). A Novel Network Architecture Combining Central Peripheral Deviation with Image-based Convolutional Neural Networks for Diffusion Tensor Imaging Studies, *2022 Symposium on Data Science and Statistics* (June, 2022)

Presentations

Talks

1. Applying Mason's rule to the distribution of the residence time in compartment models, *Texas A&M University Research Week*, College Station, TX, March 2002
2. Confidence interval estimation of the success rate in exact group sequential designs, *Eastern North American Region/International Biometric Society*, Pittsburgh, PA, March 2004
3. An analysis on the type I error and power using the bivariate binomial distribution to test two joint hypotheses on the success rate, *Eastern North American Region/International Biometric Society*, Austin, TX, March 2005
4. An application of exact tests using two correlated binomial variables in cancer clinical trials, *Eastern North American Region/International Biometric Society*, Arlington, TX, March 2008
5. Analyzing incomplete data subject to a threshold using empirical likelihood methods-An application to a pneumonia risk study in an ICU setting, *UB Biostatistics seminar*, April 2008
6. Analyzing incomplete data subject to a threshold using empirical likelihood methods-An application to a pneumonia risk study in an ICU setting, *Joint Statistical Meeting*, Denver, CO, August 2008
7. Exact tests using two correlated binomial variables in contemporary cancer clinical trials, *UB Biostatistics seminar*, February 2010
8. Exact tests using two correlated binomial variables in contemporary cancer clinical trials, *Eastern North American Region/International Biometric Society*, New Orleans, LA, March 2010
9. Two-sample nonparametric likelihood inference based on incomplete data with an application to a pneumonia study, *UB Biostatistics Seminar*, February 2010
10. Two-sample empirical likelihood ratio tests for medians in application to biomarker evaluations, *Eastern North American Region/International Biometric Society*, Miami, FL, March 2011
11. Two-sample empirical likelihood ratio tests for medians in application to biomarker evaluations, *UB Biostatistics Seminar*, April 2011
- Invited talks
 12. A maximum likelihood approach to analyzing incomplete longitudinal data in mammary tumor development experiments with mice, *22nd International Workshop on Matrices and Statistics*, Toronto, ON, August 2013 (Invited)
 13. Clinical trials and randomization, *American Association for Dental Research Buffalo Section Seminar*, Buffalo, NY, April 2014 (Invited)
 14. Variance estimation of the nonparametric estimator of the partial area under the ROC curve *International Conference on Statistical Distributions and Applications (ICOSDA)* Toronto, ON, October 2016 (Invited)
 15. A generalized empirical likelihood approach for two-group comparisons given a U-statistic Constraint. *Statistics Colloquium*, Department of Mathematics and Statistics, University of Maryland, Baltimore County, September 2016 (Invited)
 16. Applications of empirical likelihood methods to some U-statistics. *Statistics Seminar*, Department of Mathematical Sciences, SUNY Binghamton, September 2017 (Invited)

17. Empirical likelihood methods for various U-statistics and problems in analyzing trauma registry data, Department of Biostatistics, University of Toronto, March 2018 (Invited)
18. Bayesian empirical likelihood approach to compare quantiles. *International Conference on Statistical Distributions and Applications (ICOSDA)* Grand Rapids, MI, October 2019 (Invited)
19. Various usage of influence functions for complicated statistics in the context of survey sampling. Division of Cancer Epidemiology & Genetics, Biostatistics Branch, National Cancer Institute (NCI), Rockville, March 2020 (Invited)
20. Using influence functions for population health research with survey data. Department of Mathematics and Statistics, Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi, Pakistan. May 2022 (Invited)

Poster Presentations

21. Applying saddlepoint approximation to approximate the densities of bivariate variables, *Conference of Texas Statistician*, The University of Houston, Houston, TX, April 2002
22. An approach to the residence time distribution for the stochastic multi-compartment models, *The 40th anniversary of conference*, Department of Statistics, Texas A&M University, College Station, TX, September 2002
23. Empirical likelihood confidence interval of a difference in upper percentiles between two groups, *Joint Statistical Meeting*, August 2012.
24. Suggestion of the confidence interval of the Cronbach alpha in application to complex survey data, *Symposium on Data Science & Statistics (SDSS)*, May, 2018

Workshop

25. **Yu J**, Jalal K, Barczykowski A. (3 co-presenters from the Population Health Observatory) Designs and Challenges using Registry Data. *Statistics Workshop Series*, Clinical and Translational Science Institute (CTSI), University at Buffalo, December 2019

Teaching

Sole Instructor

(The mark * indicates the courses I developed.)

STA 527 Introduction to Medical Statistics (3 credits; Fall 2006 and Fall 2007, UB)

STA 531* Theory and Methods of Sample Surveys (3 credits; Springs of 2010, 2011, 2012, 2013, 2015, 2016, 2018, 2019, 2021)

STA 504 Analysis of Variance (3 credits; Spring 2014, UB)

STA 551* Stochastic Processes (3 credits; Spring 2007 and Spring 2008, UB)

STA 581* Multivariate Data Analysis (3 credits; Falls of 2008, 2009, 2010, 2011, 2012, 2013, UB)

STAT 302-303 Statistical Methods (3 credits; Fall 1999, Spring, Summer and Fall 2000, Texas A&M)

STA 675* Advanced Survival Analysis (3 credits; Fall 2014, Spring 2017, Spring 2020)

STA 641 Theory of Linear Models (3 credits; Fall 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2020)

Guest Lecturer

Roswell Park Cancer Institute Surgical Oncology Fellow Trainee Lecture Series (2 lectures on clinical trials, Spring 2004).

Roswell Park Cancer Institute Surgical Oncology Fellow Trainee Lecture Series (2 lectures on clinical trials, Spring 2005).

Canisius College, Master of Science in Physical Education Program (1 lecture on Statistics, Fall 2005, Fall 2006)

Seminar on commonly used medical statistics, Dr. Hui Meng's group, Clinical and Translational Science Institute - University at Buffalo (1 lecture, Fall, 2015)
Statistics Lectures for Surgery Grand Rounds, University at Buffalo (2 lectures, Summer 2018)

Graduate Student Committees Member & Chair

Master student committee chair/member:

Master committee chair for Ji-Young Yu, Biostatistics (2006-2007)
Master committee member for Ryan Danison, Biostatistics (2008)
Master committee member for Kabir Jalal, Biostatistics (2011)
Master committee member for Somee Jung, Biostatistics (2010)
Master committee member for Ning Ma, Biostatistics (2010)
Master committee member for Li Yan, Biostatistics (2012)
Master committee member for Guogen Shan, Biostatistics (2012)
Master committee member for Bill Lainhart, Social & Preventive Medicine (2013)
Master committee member for Dawn Sagerman, Social & Preventive Medicine (2013)
Master committee member for Wei Liang, Biostatistics (2013)
Master committee member for JingJing Yin, Biostatistics (2011)
Master committee chair for Wan Zhai, Biostatistics (2011-2012)
Master committee chair for Tabitha Maier, Biostatistics (2012)
Master committee member for Ling Li, Biostatistics (2012)
Master committee chair for Liu Liu, Biostatistics (2011-2013)
Master committee chair for Luge Yang, Biostatistics (2011- 2014)
Master committee chair for Zhouxin Jiang, Biostatistics (2011- 2013)
Master committee member for Carolyn Horowitz MPH, Biostatistics concentration (2013)
Master committee member for Zhou Zhang MPH, Biostatistics concentration (2013)
Master committee member for Tengda Lin, Biostatistics. (2014)
Master committee chair for Kong Xin, Biostatistics (2014-2015)
Master committee member for Shuo Li Biostatistics (2015)
Master committee member for Jia Hua Biostatistics (2014)
Master committee chair for Ziqiang Chen, Biostatistics (2014-2017)
Master committee chair for Kan Wang, Biostatistics (2014-2015)
Master committee chair for Yan Zhu, Biostatistics (2014--2015)
Master committee member for Reham AL-Jasser, Oral Biology (2014 -2015)
Master committee member for Yi Cui, Biostatistics (2014-2015)
Master committee member for Mingyue Han, Biostatistics (2014-2016)
Master committee member for Ziyang Yin, Biostatistics (2015)
Master committee member for Chenxi Yang, Biostatistics (2015)
Master committee chair for Siqi Ben, Biostatistics (2016)
Master committee chair for Yulin Chen, Biostatistics (2016)
Master committee member for Yibo Gu, Biostatistics (2018)
Master committee chair for Zuojun Wu, Biostatistics (2018)
Master committee member for Jianghai He, Biostatistics (2018)
Master committee chair for Junyu Nie, Biostatistics (2018-)
Master committee member for Chang Xu, Biostatistics (2019)
Master committee member for Yihan Zhao, Biostatistics (2019)
Master committee member for Keifeng Yu, Biostatistics (2019)
Master committee member for Tong Wu, Biostatistics (2019)
Master committee member for Xuejun Chen, Biostatistics (2019)

Master committee chair for Yanan Mei, Biostatistics (2018-2019)
Master committee chair for Ruolin Tang, Biostatistics (2020-2021)

PhD student committee chair/member:

Ph.D. dissertation committee member for Seong-Eun Kim, Biostatistics (2011-2012)
Ph.D. dissertation committee member for Wan-MinTsai, Biostatistics (2011-2012)
Ph.D. dissertation committee member for Kelly Kamm, Social Preventive Medicine (2012-2014)
Ph.D. dissertation committee member for Jianping Xiang, Mechanical Engineering (2012)
Ph.D. dissertation committee member for William Brady, Biostatistics (2012)
Ph.D. dissertation committee member for Ge Tao, Biostatistics (2014)
Ph.D. dissertation committee member for Xiwei Chen, Biostatistics (2014)
Ph.D. committee chair for Luge Yang, Biostatistics (2015-2016)
Ph.D. dissertation committee member for Anne Weaver, Department of Epidemiology and Environmental Health (2013-2014)
Ph.D. dissertation committee member for Zhengyu Yang, Biostatistics (2014-2017)
Ph.D. dissertation committee member for Xiaobin Liu, Biostatistics (2014-2015)
Ph.D. dissertation committee member for Mojgan Golzy, Biostatistics (2015)
Ph.D. dissertation committee member for Wit Wichaidit, Epidemiology and Environmental Health (2016-2019)
Ph.D. dissertation committee member for Yang Zhao, Biostatistics (2017)
Ph.D. dissertation committee member for Tingting Zhuang, Biostatistics (2017)
Ph.D. dissertation committee member for Li Zou, Biostatistics (2017-2018)
Ph.D. dissertation committee member for Paul May, Biostatistics (2018)
Ph.D. dissertation committee member for Gauri Desai, Epidemiology and Environmental Health (2017-)
Ph.D. dissertation committee member for Xi Shen, Biostatistics (2018)
Ph.D. dissertation committee co-chair for Sanghyeon Kim, Economics (2018 -)
Ph.D. dissertation committee chair for Mingmei Tian (2018-2021)
Ph.D. dissertation committee chair for Soyun Park (2019-)
Ph.D. dissertation committee chair for Junyu Nie (2020-)

University, School and Departmental Services

Departmental service:

Departmental Academic Grievance Committee, Member (December 2006 – Present)
Departmental Master Comprehensive Exam Committee, Member (Summer 2008)
Departmental PhD Qualifying Exam Committee, Member (Summers of 2016, 2017, 2018, 2019, 2020, 2021, 2022)
Departmental Admission Committee, Member (January 2010-May 2010)
Departmental seminar organizer (Fall 2011 – Spring 2012)
Departmental seminar organizer (Fall 2017 - Spring 2018)
Departmental Graduate Curriculum Committee (April 2018- Present)
Departmental Mission/Vision Statement Committee (2019 –2020)

School service:

SPHHP Award Committee, Member (October 2007 - November 2007)
SPHHP Faculty Council, Member (September 2007 – August 2009)
SPHHP Decanal Adjudication Meeting, Member (January 2010)

SPHHP Grievance Committee, Member (December 2010 - 2011)
Review of materials for SPHHP Researcher awards (Spring 2012)
SPHHP Outstanding Researcher Award Committee, Member (April 2013)
SPHHP Perry Poster, Referee (2007)
SPHHP Perry Poster, Referee (April 2015)
SPHHP Perry Poster, Referee (April 2016)
SPHHP Perry Poster, Referee (April 2017)
OGHI (Office of Global Health Initiatives) Strategic Working Group (2016 -)
SPHHP Promotion and Tenure committee for Associate Professor (Fall 2018, Spring 2019)
Statistics poster competition for high school students, Referee (May 2019)
SPHHP Promotion and Tenure committee for Professor (2021 - 2022)
2022 UP-STAT conference, session chair of Statistical Decision Mechanisms and their Application (May, 2022)
2022 UP-STAT conference, referee for students' paper and poster competition (May, 2022)
SPHHP 2021-2022 Junior/Senior Researcher of the Year, referee (May, 2022)

University service:

Faculty member/Statistician for Center for Children and Family (2008 - 2010)
Search Committee for Assistant Professor for the UB2020 Strategic Strength: Molecular Recognition in Biological Systems and Bioinformatics, Member (January 2011 – March 2011)
Working team member for the Center for Health Statistics and Bioinformatics Engineering, the Department of Industrial Engineering and Management, and the SCE-Shamoon College of Engineering (2013)
Director of the Population Health Observatory (Fall 2015 -)
Search Committee for tenure track faculty position, Department of Biostatistics, School of Public Health and Health Professions, University at Buffalo (October 2019 – present)
UB Trauma Outcomes Research & Quality Consortium (UB-TORQUe), Role: Data working group leader (September 2019 – present)
Search Committee for Resource Manager/Assistant to Chair, Department of Biostatistics, School of Public Health and Health Professions, University at Buffalo (November, 2021 – May, 2022)

Professional Service

Review for Oral, Dental and Craniofacial Sciences Study Section, National Institute of Dental and Craniofacial Research (February, 2010)
Roswell Park Cancer Institute Institutional Review Board, Member (January 2007 - August 2007)
Review for Small Business: Oral, Dental and Craniofacial Sciences Study Section, National Institute of Dental and Craniofacial Research (NIH/NIDCR), November, 2011.
Review for Small Business: Oral, Dental and Craniofacial Sciences Study Section, National Institute of Dental and Craniofacial Research (NIH/NIDCR), January, 2013.
Working team member for the Center for Health Statistics and Bioinformatics Engineering, the Department of Industrial Engineering and Management, and the SCE-Shamoon College of Engineering, 2013
Review for Small Research Grants for Oral Health Data Analysis and Statistical Methodology, Development, National Institute of Dental and Craniofacial Research (NIH/NIDCR), June, 2016.
Statistical advisor for the Department of Advanced Materials and Chemical Engineering at Catholic University of Daegu in South Korea (2017-2018)
Study section for NIDCR Secondary Data Analysis Grants (NIH/NIDCR), January, 2018

Study section for NIDCR Secondary Data Analysis Grants (NIH/NIDCR), June, 2018
Study section for NIDCR Secondary Data Analysis Grants (NIH/NIDCR), November, 2018
Shapiro Review Panel for JDRF - Type 1 Diabetes Research Funding and Advocacy, December, 2018
Study section for NIDCR Secondary Data Analysis Grants (NIH/NIDCR), February, 2019
Study section for NIDCR Secondary Data Analysis Grants (NIH/NIDCR), June, 2019
Study section for NIDCR Secondary Data Analysis Grants (NIH/NIDCR), October, 2019
2018 JAS (J. App Stat) Best Paper Award selection committee, November, 2019
Review for Oral Health in People Living with HIV and Additional Non-Communicable Diseases (R01 Research Project Grant), National Institute of Dental and Craniofacial Research (NIH/NIDCR), November 2019.
Study section for NHLBI's R61/R33 & R34 Single-Site Clinical Trials and Pilot Studies (NIH/NHLBI), March 2020
Study section for NIDCR Secondary Data Analysis Grants (NIH/NIDCR), November, 2019

Refreeing Journal Articles (other than associate editor's role)

Journal of Clinical Oncology 2 times (2008), 2 times (2009), 4 times (2010), 2 times (2011), 3 times (2012), 4 times (2013), 2 times (2014), 2 times (2016), 1 time (2020)
Communication in Statistics 2 times (2009), 1 time (2010), 1 time (2016), 2 times (2017)
Journal of Applied Statistics 1 time (2009), 1 time (2011), 1 time (2013), 1 time (2016), 1 time (2017)
Applied Mathematical Modelling 1 time (2011)
BMC Public Health 1 time (2011)
Contemporary clinical trials 1 time (2011)
Statistics in Medicine 1 time (2012), 1 time (2020)
BMC Medical Research Methodology 1 time (2013)
Journal of Statistical Computation and Simulation 1 time (2014)
Haceteppe Journal of Mathematics and Statistics 1 time (2014)
Statistics in Biopharmaceutical Research 2 times (2015)
Journal of Nonparametric Statistics 1 time (2015), 1 time (2016), 1 time (2017)
Biometrics 4 time (2016, 2018, 2019)
Journal of Korean Statistical Society 1 time (2018)
BMC Bioinformatics 2 times (2018)
PLOS ONE 2 times (2018)
Journal of Korean Statistical Association 1 time (2018)
Pediatrics 1 time (2019)
Statistical Methods in Medical Research 1 time (2019), 2 times (2021)

Grant Support

- The mark * indicates my role as PI.

Current/Active Funded Grants

PI: Lillvis D

Project title: Examining Factors Associated with Increased Physical Trauma for Children and Youth with Special Health Care Needs

Role: Co-I (0.12 calendar months)

Funding source: CYSHCNet emerging investigator

Direct cost: \$11,905
Duration: 09/01/2020-08/31/2021

PI: Kang J
Project title: Novel gair training paradigm to promote healthy aging in individuals with cerebral palsy
Role: Co-I (in-kind, student summer support)
Funding source: SUNY Research Seed Grant Program - Multidisciplinary Small Team Award
Direct cost: \$40,000
Duration: 09/01/2020-02/28/2022

PI: **Yu J***
Project title: Umbrella proposal for secure and confidential handling of the ECMC Trauma Registry data
Role: Principal Investigator (Cost-sharing for 1.6 calendar months by Biostatistics, UB)
Funding source: Erie County Medical Center Corporation
Direct cost: \$349,878
Duration: 04/01/2017-03/31/2022

PI: Dulmus C.
Project title: A Strategic University Collaboration to Assess the Long-Term Impact of Integrity Partners
Role: Co-Investigator (1.2 calendar months)
Funding source: Integrity Partners for Behavioral Health IPA Incorporated
Direct Cost: \$919,955
Expected duration: 2020-2022 (2 years)

PI: Fabiano G (UB)
Project title: Enhancing IEPs of Children with ADHD Using Daily Report Cards: An Efficacy Trial
Role: Co-Investigator (0.6 calendar months)
Funding source: US Department of Education
Direct cost: \$3,290,517
Duration: 04/01/2018-08/31/2022

PI: Meng H (UB)
Project title: Virtual Intervention of Intracranial Aneurysms.
Role: Co-Investigator (0.3 calendar months)
Funding source: National Institute of Health
Direct cost: \$1,250,000, Indirect cost: \$689,120.
Duration: 04/01/15-03/31/22

PI: Yu KO. (Newly funded in January 2020)
Project title: Immunologic and clinical studies on perinatal hepatitis C viral infection
Role: Co-Investigator (in-kind)
Funding source: E F Wildermuth Foundation
Direct cost: \$35,000
Expected duration: 2020-2023 (3 years)

Completed Research Support

PIs: **Yu J*** and Vexler A (1G13LM012241-01)

Project title: Modern Empirical Likelihood Methods in Biomedicine and Health

Role: Principal Investigator (1.6 calendar months)

Funding source: National Institute of Health

Direct cost: \$100,000

Duration: 09/01/2016-08/31/2018

PI: Troen B. (UB)

Project title: SUNY Network Aging Partnership (SNAP): Investigating Frailty and Enhancing Lifespan Across the Health Spectrum

Role: Co-Investigator (in-kind, 0.6 calendar months)

Funding source: SUNY Networks of Excellence

Total cost: \$147,482

Duration: 06/01/14-05/31/15

PI: Rudin S. (UB)

Project title: Micro-radiographic for neurovascular interventions.

Role: Co-Investigator (0.6 calendar months)

Funding source: National Institute of Biomedical Imaging and Bioengineering

Direct cost: \$1,961,002, Indirect cost: \$1,034,530

Duration: 07/01/12-6/30/16

PI: Collins R. (UB)

Project title: Use of Exercise to Reduce Young Adults' Marijuana Use: There is an App for That.

Role: Co-I (0.48 calendar months)

Funding source: National Institute on Drug Abuse

Direct cost: \$450,000, Indirect cost: \$263,250

Duration: 7/01/13-6/30/15

PI: **Yu, J*** and Vexler. A. (Multiple PIs, UB)

Project title: Analysis for Incomplete Data in Oral Health/Ventilator-Associated Pneumonia Study.

Role: PI (1.80 calendar months)

Funding source: NIH/NIDCR (1R03DE020851 - 01A1)

Direct cost: \$200,000, Indirect cost: \$117,000

Duration: 06/01/11-05/31/14 (*Awarded as of May 2011*)

PI: Dandona, P. (UB)

Project title: Anti-diabetic effects of liraglutide in adolescents and young adults with Type 1 diabetes.

Role: Co-I (0.36 calendar months)

Funding source: American Diabetese Association

Direct cost: \$521,672, Indirect cost: \$78,251

Duration: 1/1/12-12/31/14

PI: Quattrin, T. (UB)

Project title: Treating Overweight Youth: A Family Based Approach in Primary Care.

Role: Co-I (0.6 calendar months)

Funding source: NIH (1R01HD053773-01A2)

Direct cost (per year): \$538,391
Duration: 04/01/08 – 03/31/13

PI: Collins, L. (UB)
Project title: Applying Behavioral Economics and EMA to Physical Activity and Marijuana Use.
Role: Co-I (0.6 calendar months)
Funding source: NIH (1R01DA027606-01)
Direct cost: \$1,002,239, Indirect cost: \$570,786
Duration: 09/01/09-08/31/12

PI: Fabiano, G. (UB)
Project title: Head Start University Partnership Research Grants: Strategies for Developing Teacher Effectiveness.
Role: Co-I (0.6 calendar months)
Funding source: NIH (97YR0017)
Direct cost (per year): \$181,371
Duration: 04/30/08-04/29/11 (no cost extension until August 2011)

PI: Waxmonsky, J. (UB)
Project title: A novel approach to stimulant-induced weight suppression and its impact on growth
Role: Co-I (0.6 calendar months)
Funding source: NIH/NIMH (R01MH083692)
Direct cost (per year): \$499,502
Duration: 07/01/09 – 06/30/14 (PI moved to FIU, Florida)

PI: Karpf, A. (Roswell Park Cancer Institute)
Project title: Epigenetic regulation of cancer/germ-line antigen gene expression
Role: Co-I (UB-PI through subcontract, 0.6 calendar months)
Funding source: NIH/NIMH (R01MH083692)
Direct cost (per year): \$6,000
Duration: 05/01/06 – 03/31/11

PI: Fabiano, G. (UB)
Project title: Parent Training for Fathers of Children with ADHD
Role: Co-I (0.63 calendar months)
Funding source: NIH/NIMH (1 R34 MH078051)
Direct cost (per year): \$135,000
Duration: 04/07/07 – 02/28/10

PI: Waxmonsky, J. (UB)
Project title: A Novel Multimodal Intervention for Children with ADHD and Impaired Mood
Role: Co-I (0.6 calendar months)
Funding source: NIH/NIMH (1 R34 MH080791-01A1)
Direct cost (per year): \$135,000
Duration: 04/01/08 – 02/28/11

PI: Ram, P. (UB)
Project title: Preventing pathogen transmission to neonates in rural Bangladesh by intensive handwashing promotion to new mothers
Role: Co-I (0.6 calendar months)

Funding source: NIH (R03 HD061030-01)
Direct cost (per year): \$50,000
Duration: 9/10/09 – 8/31/11

PI: Noe, M. (UB)
Project title: Buffalo obese subjects study (BOSS)
Role: Co-I (0.6 calendar months)
Funding source: Blue Cross Blue Shield
Direct cost (per year): \$754,085
Duration: 9/10/05 – 8/31/09

PI: Pelham, W. (UB)
Project title: School-wide Academic and Behavioral Competencies Program
Role: Consultant (0.6 calendar months)
Funding source: DOE/IES (R305 L0300065A)
Duration: 9/10/09 – 8/31/11

PI: Iyer, R. (Roswell Park Cancer Institute)
Project title: Open Label Study of Capecitabine, Gemcitabine and Bevacizumab in Pancreatic Cancer: A Phase II Study with Biologic Correlates
Role: Co-I (0.6 calendar months)
Funding source: National Comprehensive Cancer Network
Duration: 5/1/05-4/30/06

PI: Pendayla, L. (Roswell Park Cancer Institute)
Project title: Gene Expression Profiling of Esophageal Cancer in Patients Receiving Oxaliplatin, Capecitabine & Radiation, Exploring Correlations to Response/Survival
Role: Consultant (0.6 calendar months)
Funding source: National Comprehensive Cancer Network
Duration: 5/1/05-4/30/06

PI: Javle, M. (Roswell Park Cancer Institute)
Project title: Capecitabine in Combination with Oxaliplatin & Radiation: A Phase II, Neoadjuvant Study for Esophageal Cancer
Role: Consultant (0.6 calendar months)
Funding source: National Comprehensive Cancer Network
Duration: 5/1/05-4/30/06

PI: Foster, B. (Roswell Park Cancer Institute)
Project title: Vitamin D Analogs for Prevention of Prostate Cancer
Role: Consultant (0.6 calendar months)
Funding source: NIH (SR1CA0905367-04)
Duration: 9/20/02-8/31/06

PI: Sood, A. (Roswell Park Cancer Institute)
Project title: Prostate derived Ets factor, an immunogenic breast cancer antigen
Role: Consultant (0.6 calendar months)
Funding source: DOD
Duration: 9/1/05-10/31/06

PI: Park, Y. (Roswell Park Cancer Institute)
Project title Hypoxia and Prx1 in malignant progression of prostate cancer
Role: Consultant (0.6 calendar months)
Funding source: DOD (W81XWH0510572)
Duration: 10/12/05-9/30/08