

Appendix 1: Peer-Reviewed Publication Record of PhD Graduates, 1998-2002

1997-1998

Min-Chi [Chen](#)

Thesis Title: On Modeling and Inference for Multivariate Failure Time Data

Advisor: Karen Bandeen-Roche

Ko SF, Ng SH, **Chen** MC, Lee TY, Huang CC, Wan YL: Sudden cardiac arrest during CT examination: clinical findings and "dense abdominal veins" on CT. Accepted for publication, *Journal of Computer Assisted Tomography*.

Wang AC, **Chen** MC: Does tension-free vaginal tape procedure really exert no tension on the urethra? - a randomized controlled study using the voiding mechanism. Accepted for publication, *Journal of Obstetrics and Gynaecology*.

Chen CJ, Hsu HL, Niu CC, Chen TY, **Chen** MC, Tseng YC, Wong YC, Wang LJ: Flexion and extension MR imaging in cervical degenerative disease: prediction criteria. Accepted for publication, *Radiology*.

Li CSR, Chen MC, Yang YY, **Chen** MC, Tsay PK: Altered performance of schizophrenia patients in an auditory detection and discrimination task: exploring the "self-monitoring" model of hallucination. *Schizophrenia Research*. Accepted for publication.

Ko SF, Lee TY, Ng SH, Wan YL, **Chen** MC, Tiao MM, Liang CD, Shieh CS, Chuang JH: Small bowel intussusception in symptomatic pediatric patients: experiences with surgically proven cases. *World Journal of Surgery* 26: 438-443, 2002.

Chen NH, Liu YC, Tsao CY, Wu TL, Hsieh MJ, Chuang ML, Huang CC, Kuo AJ, **Chen** MC, Yang CT: Combined bronchoalveolar lavage and polymerase chain reaction in the diagnosis of pulmonary tuberculosis in smear-negative patients. *International Journal of Tuberculosis and Lung Disease* 6(4): 350-355, 2002.

Yen TC, Tzen KY, **Chen** MC, Wu YH, Chen RS, Chen CJ, Wey SP, Ting G, Lu CS: Dopamine transporter concentration is reduced in asymptomatic Machado-Joseph disease gene carriers. *Journal of Nuclear Medicine* 43(2):153-159, 2002.

Wang AC, Chen MC: A comparison of urethral closure profilometry using microtip and double-lumen perfusion catheters. *British Journal of Obstetrics and Gynaecology* 109(3),322-326, 2002.

Tiao MM, Wan YL, Ng SH, Ko SF, Lee TY, **Chen** MC, Shieh CS, Chang JH: Sonographic features of small-bowel intussusception amongst pediatric patients. *Academic Emergency Medicine* 8(4):368-373, 2001.

Hsieh JC, Tu CH, Chen FP, **Chen** MC, Yeh TC, Cheng HC, Wu YT, Liu RS, Ho LT: Activation of the Hypothalamus Characterizes the Acupuncture Stimulation at the Analgesic Point in Human: a PET Study. *Neuroscience Letters* 307(2):105-108, 2001.

Hsieh LL, Wang PF, Chen IH, Liao CT, Wang HM, **Chen** MC, Chang JTC, Cheng AJ: Characteristics of mutations in the p53 gene in oral squamous cell carcinoma associated with betel quid chewing and cigarette smoking in Taiwanese. *Carcinogenesis* 22(9):1497-1503, 2001.

Wang AC, **Chen** MC: Randomized comparison of local versus epidural anesthesia for tension free vaginal tape operation. *Journal of Urology* 165:1177-1180, 2001.

Hsu YY, **Chen** MC, Lim KE, Chang C: Reproducibility of hippocampal proton MR single voxel spectroscopy and chemical shift imaging. *American Journal of Roentgenology* 176(2):529-536, 2001.

Chan YJ, Hsu YH, **Chen** MC, Wong WW, Wu JC, Yang WC, Liu CY: TT virus infection among hemodialysis patients at a medical center in Taiwan. *Journal of Microbiology Immunology and Infection* 33:14-18, 2000.

Ko SF, Ng SH, Lee TY, Wan YL, Lee CM, Hsieh MJ, **Chen** MC: Anomalous systemic arterialization to normal basal segments of the left lower lobe: helical CT and CTA findings. *Journal of Computer Assisted Tomography* 24(6):971-976, 2000.

Lin CH, Wei FC, Levin LS, **Chen** MC: [Donor-site morbidity comparison between endoscopically assisted and traditional harvest of free latissimus dorsi muscle flap](#). *Plastic and Reconstructive Surgery* 104(4):1070-1077, 1999.

Chen MC, Bandeen-Roche K: Diagnostics for association in bivariate survival models. *ASA 1999 Proceedings* 174-179, 1999.

Dobs A, Hoover D, **Chen** MC, Allen R: [Pharmacokinetic characteristics, efficacy, and safety of buccal testosterone in hypogonadal males: a pilot study](#). *Journal of Clinical Endocrinology and Metabolism* 83(1):33-39, 1998.

Lehman L, Brancati F, **Chen** MC, Roter D, Dobs A: [The effect of bedside presentations on patient's perceptions: a randomized controlled trial](#). *New England Journal of Medicine* 336(16):1150-1155, 1997.

Savader S, Cameron J, Pitt H, Venbrux A, Trerotola S, **Chen** MC, Lund G, Mitchell S, and Osterman F: [Biliary manometry versus clinical trial: value as predictors of success after treatment of biliary tract strictures](#). *Journal of Vascular and Interventional Radiology* 5(5):757-763, 1994.

Paul Rathouz

Thesis Title: Nuisance Parameters, Measurement Error and the Efficient Use of Auxiliary Data for Estimating Unobserved Occupational Exposures

Advisor: Kung-Yee Liang

Preisser JS, Lohman KK, **Rathouz** PJ: Performance of weighted estimating equations for longitudinal binary data with dropouts missing at random. Accepted to *Statistics in Medicine*.

Lahey, BB, Loeber R, Burke J, **Rathouz**, PJ, McBurnett, K: Waxing and waning in concert:

Dynamic comorbidity of conduct disorder with other disruptive and emotional problems over seven years among clinic-referred boys. Accepted to *Journal of Abnormal Psychology*.

Rathouz PJ, Satten GA, Carroll RJ: Semiparametric inference in matched case-control studies with missing covariate data. Accepted to *Biometrika*.

Chung PJ, Garfield CF, **Rathouz** PJ, Lauderdale DS, Best D, Lantos J: Youth targeting by tobacco manufacturers since the master settlement agreement. *Health Affairs* 21, 254-263, 2002.

Lahey BB, Loeber R, Burke J, **Rathouz** PJ: Adolescent outcomes of childhood conduct disorder among clinic-referred boys: Predictors of improvement. *Journal of Abnormal Child Psychology* 30, 333-348, 2002.

Pickett KE, Wakschlag LS, **Rathouz** PJ, Leventhal BL, Abrams B: The working-class context of pregnancy smoking. *Health & Place* 8, 167-175, 2002.

Rathouz PJ, Liang KY: [Locally ancillary quasi-score models for errors-in-covariates](#). *Journal of the American Statistical Association* 96(455):1004-1013, 2001.

Pfiffner LG, McBurnett K, **Rathouz** PJ: Father absence and familial antisocial characteristics. *Journal of Abnormal Child Psychology* 29, 357-367, 2001.

Shah MN, **Rathouz** PJ, Chin MH: Emergency department utilization by noninstitutionalized elders. *Academic Emergency Medicine* 8, 267-273, 2001.

McBurnett K, Lahey BB, **Rathouz** PJ, Loeber R: Low salivary cortisol and persistent aggression in boys referred for disruptive behavior. *Archives of General Psychiatry* 57, 38-43, 2000.

Doherty MC, Junge B, **Rathouz** P, Garfein RS, Riley E, Vlahov D: The effect of a needle exchange program on numbers of discarded needles: A 2-year follow-up. *American Journal of Public Health* 90, 936-9, 2000.

Lauderdale DS, **Rathouz** PJ: Body mass index in a US national sample of Asian Americans: Effects of nativity, years since immigration and socioeconomic status. *International Journal of Obesity and Related Metabolic Disorders* 24, 1188-1194, 2000.

Lahey BB, Schwab-Stone M, Goodman SH, Waldman, ID, Canino G, **Rathouz** PJ, Miller TL, Dennis KD, Bird H, Jensen PS, Waldman ID: Age and gender differences in oppositional behavior and conduct problems: A cross-sectional household study of middle childhood and adolescence. *Journal of Abnormal Psychology* 109, 488-503, 2000.

Liang KY, **Rathouz** PJ: [Hypothesis testing under mixture models: application to genetic linkage analysis](#). *Biometrics* 55(1):65-74, 1999.

Rathouz PJ, Liang KY: [Reducing sensitivity to nuisance parameters in semiparametric models: a quasi-score method](#). *Biometrika* 86(4):857-869, 1999.

Zauber P, Lardieri G, **Rathouz** PJ, Khan N, Bishop T: Site specificity of colorectal neoplasms in families without an inherited syndrome. *Gastrointestinal Endoscopy* 50, 603-607, 1999.

Pfiffner LJ, McBurnett K, Lahey BB, Loeber R, Green S, Frick PJ, **Rathouz** PJ: Association of parental psychopathology to the comorbid disorders of boys with attention-deficit hyperactivity disorder. *Journal of Consulting and Clinical Psychology* 67, 881-893, 1999.

Lauderdale DS, **Rathouz** PJ: Evidence of environmental suppression of familial resemblance: Height among U.S. Civil War brothers. *Annals of Human Biology* 26, 413-426, 1999.

Rathouz PJ, Kasper JD, Zeger SL, Ferrucci L, Bandeen-Roche K, Miglioretti DL, Fried LP: [Short-term consistency in self-reported physical functioning among elderly women: the Women's Health and Aging Study](#). *American Journal of Epidemiology* 147(8):764-773, 1998.

Bandeen-Roche K, Miglioretti D, Zeger SL, and **Rathouz** PJ: [Latent variable regression for multiple discrete outcomes](#). *Journal of the American Statistical Association* 92(440):1375-1386, 1997.

Doherty MC, Garfein RS, Vlahov D, Junge B, **Rathouz** PJ, Galai N, Anthony JC, Beilenson P: Discarded needles do not increase soon after the opening of a needle exchange program. *American Journal of Epidemiology* 145, 730-737, 1997.

Liang KY, **Rathouz** PJ, Beaty TH: [Determining linkage and mode of inheritance: mode scores and other methods](#). *Genetic Epidemiology* 13(6):575-93, 1996.

1998-1999

Yingqing Chen

Thesis Title: Accelerated Hazards Model and Its Extensions

Advisor: Mei-Cheng Wang

Huang Y, **Chen**, YQ: Marginal regression of gaps between recurrent events. In press, *Lifetime Data Analysis*.

Chen YQ, Rohde CA, Wang MC: Additive hazards models with latent treatment effectiveness lag time. In press, *Biometrika*.

Guendelman S, Meade K, Benson M, **Chen** YQ, Samuels S: [Improving asthma outcomes and self-management behaviors of inner city children](#), *Archives of Pediatrics & Adolescent Medicine*, 156:114-120, 2002.

Chen YQ, Wang MC, Huang Y: Analysis of recurrent event data: inference based on reduced risksets. In: *Communications of the 3rd International Conference on Mathematical Methods in Reliability*. (Eds. H. Langseth & B. Lindqvist). Trondheim, Norway: 147-150, 2002.

Chen YQ, Jewell NP: [On a general class of hazards regression models](#). *Biometrika*, 88:687-702, 2001.

Chen YQ: [Accelerated hazards regression model and its adequacy for censored survival data](#). *Biometrics*, 57:853-860, 2001.

Wang MC, **Chen** YQ: Discussion of Lin/Ying: Semiparametric and nonparametric regression analysis of longitudinal data. *Journal of the American Statistical Association* 96(453):113-114, 2001.

Wang MC, **Chen** YQ: [Nonparametric and semiparametric trend analysis for stratified recurrence time data](#). *Biometrics* 56(3):789-794, 2000.

Chen YQ and Wang MC: [Estimating a treatment effect with the accelerated hazards models](#). *Controlled Clinical Trials* 21:369-380, 2000.

Chen YQ, Wang MC: [Analysis of accelerated hazards models](#). *Journal of the American Statistical Association* 95(450):619-627, 2000.

Brookmeyer R, **Chen** YQ: [Person-time analysis of paired community intervention trials when the number of communities is small](#). *Statistics in Medicine* 17(18):2122-32, 1998.

Abhik Das

Thesis Title: Topics in Spatial Statistics

Advisor: Subhash Lele

Bunnell JE, Price SD, **Das** A, Shields TM, Glass GE: Geographic information systems and spatial analysis of adult ixodes scapularis (acari: ixodidae) in the middle Atlantic region of the USA. *Journal of Medical Entomology*. In press, 2002.

Bada H, **Das** A, Bauer CR, Shankaran S, Lester B, et al. Intrauterine growth of infants exposed to cocaine and/or opiates in utero: maternal lifestyle study. *Obstetrics and Gynecology*. In press, 2002.

Das A, Poole WK, Bada H: Simultaneous modeling of multiple binary outcomes: a GEE approach. *2002 Proceedings of the American Statistical Association, Section on Statistics in Epidemiology* [CD-ROM], Alexandria, VA: American Statistical Association. In Press, 2002.

Brenner R, Simons-Morton B, Bhaskar B, Revenis M, **Das** A, Clemens J: Infant-parent bed sharing in an inner-city population. *Archives of Pediatric and Adolescent Medicine*. In press, 2002.

Bada H, Bauer CR, Shankaran S, Lester B, Wright LL, A. **Das**, et al: Central and autonomic nervous systems (CNS/ANS) signs associated with in-utero cocaine/opiate exposure. *Archives of Diseases in Childhood*. In press, 2002.

Das A, Lele SR, Glass GEG, Shields T, Patz JA: Modeling a discrete spatial response using generalized linear mixed models: application to Lyme disease vectors. *International Journal of Geographic Information Science* 16(2):151-166, 2002.

Thornberry J, Bhaskar B, Krulewich K, Wesley B, Hubbard M, **Das**, A: Audio computer-assisted self-interview (A-CASI) with touch screen to detect alcohol consumption in pregnant women: application of a new technology to an old problem. *Computers in Nursing* 20(2):46-52, 2002.

Bobashev GS, Das S, **Das** A: Experimental design for gene microarray experiments and differential expression analysis. In: *Methods of Microarray Data Analysis II*. Lin SM, Johnson KF (Eds). Boston: Kluwer Academic Publishers, 2002.

Dawson DA, **Das** A, Faden VB, Bhaskar B, Krulewitch CJ, Wesley B: Screening for high and moderate risk drinking during pregnancy: a comparison of several TWEAK-based screeners. *Alcoholism: Clinical and Experimental Research* Vol. 25, No. 9, pp. 1342-1349, 2001.

Yurk R, Jenckes MW, Stuart ME, Shaffer TJ, Lockwood RS, **Das** A, Rubin HR: Benchmarking applications: linking state strategic planning, quality improvement, and consumer reporting. *Journal of Public Health Management Practice* 7(3):47-58, 2001.

Brenner R, Simons-Morton B, Bhaskar B, **Das** A, Clemens J, and the NIH-DC Initiative Immunization Working Group: Prevalence and predictors of immunization status among inner-city infants: a birth cohort study. *Pediatrics* 108:661-670, 2001.

Ohls R, Ehrenkranz R, Wright L, Lemons J, Korones S, Stoll B, Stark A, Shankaran S, Donovan E, Close N, **Das** A: The effects of early erythropoietin therapy on the transfusion requirements of preterm infants below 1,250 grams birthweight: a multi-center randomized controlled trial. *Pediatrics* 108:934-942, 2001.

Lele SR, **Das** A: Incorporating expert opinion for statistical inference in spatial studies. *International Journal of Mathematical Geology*, 32:4, 2000.

Das A, Lele S: Spatial modeling for discrete data using generalized linear mixed models: application to abundance of Lyme disease vectors. In: *Accuracy 2000*. Heuvelink GBM, Lemmens MJPM (Eds). Amsterdam: Delft University Press, 2000.

Powe NR, **Das** A, Hwang W, Brancati FL: Incident end-stage renal disease (ESRD) in a nationally representative cohort of diabetic adults. *Journal of General Internal Medicine*. 13(1):12, 1998.

Steiner C, Powe NR, Anderson G, **Das** A: Technology coverage decisions by health care plans and considerations by medical directors. *Medical Care* 35(5):472-489, 1997.

Powe NR, Steiner CA, Anderson GF, **Das** A: [Awareness of providers' use of new medical technology among private health care plans in the United States](#). *International Journal of Technology Assessment in Health Care* 12(2):367-76, 1996.

Steiner C, Powe NR, Anderson G, Das A: The process and information used by health care providers in the US to evaluate new medical technology. *Journal of General Internal Medicine* 11(5): 294-302, 1996.

Sarah Gray**Thesis Title:** Analysis of Multidimensional Longitudinal Data**Advisor:** Ron Brookmeyer

Kawas C, **Gray S**, Brookmeyer R, Fozard J, Zonderman A: [Age-specific incidence rates of Alzheimer's disease: the Baltimore longitudinal study of aging](#). *Neurology* 54(11):2072-7, 2000.

Brookmeyer R, **Gray S**: [Methods for projecting the incidence and prevalence of chronic diseases in ageing populations: application to Alzheimer's disease](#). *Statistics in Medicine* 19(11-12):1481-1493, 2000.

Gray SM, Brookmeyer R: [Multidimensional longitudinal data: estimating a treatment effect from continuous, discrete, or time-to-event](#). *Journal of the American Statistical Association* 95(450):396-406, 2000.

Wu AW, **Gray SM**, Brookmeyer R: [Application of random effects models and other methods to the analysis of multidimensional quality of life data in an AIDS clinical trial](#). *Medical Care* 37(3):249-58, 1999.

Gray SM and Brookmeyer R: [Estimating a treatment effect from multidimensional longitudinal data](#). *Biometrics* 54(3):976-988, 1998.

Brookmeyer R, **Gray S** and Kawas C: [Projections of Alzheimer's disease in the United States and the public health impact of delaying disease onset](#). *American Journal of Public Health* 88(9), 1337-1342, 1998.

Chuanfa Guo**Thesis Title:** Combining Information: A Likelihood Approach**Advisor:** Richard Royall

Badros A, Tricot G, Toor A, Morris C, **Guo C**, Munshi N, Barlogie B, Cottler-Fox M: ABO mismatch may affect engraftment in multiple myeloma patients receiving nonmyeloablative conditioning. *Transfusion*, 42:205-209, 2002.

Brooks SE, Mullins CD, **Guo C**, Chen TT, Gardner JF, & Baquet CR: Resource utilization for patients undergoing hysterectomy with or without lymph node dissection for endometrial cancer. *Gynecologic Oncology*, 85:242-249, 2002.

Goodman MT, McDuffie K, Kolonel L, Terada K, Donlon T, Wilkens LR, **Guo C**, Le Marchand L: Case-control study of ovarian cancer and polymorphisms in genes involved in catecholestrogen formation and metabolism. *Cancer, Epidemiology, Biomarkers, and Prevention*, 10:209-216, 2001.

Goodman MT, McDuffie K, **Guo C**, Terada K, & Donlon T: CYP17 genotype and ovarian cancer: a null case-control study. *Cancer, Epidemiology, Biomarkers, and Prevention*, 10:563-564, 2001.

Goodman MT, McDuffie K, Hernandez B, Bertram C, Wilkens LR, **Guo** C, Seifried A., Killeen J., & Le Marchand L: CYP1A1, GSTM1, and GSTT1 polymorphisms and the risk of cervical squamous intraepithelial lesions in a multiethnic population. *Gynecologic Oncology*, 81:263-269, 2001.

Guo C, Wilkens LR, Maskarinec G, Murphy S: Examining association of brain aging with midlife tofu consumption. (Letter). *Journal of American College of Nutrition*, 19:467-468, 2000.

Guo C, Wilkens LR: Use of bootstrap procedure and Monte Carlo simulation. (Letter). *The Journal of Nutrition*, 130:2618-2619, 2000.

Wenzheng Huang

Thesis Title: Unbiased Generic Likelihood

Advisor: Richard Royall

Lin MR, Chang, SH, **Huang** W, Hwang, HF, Lu P: Factors associated with severity of motorcycle injuries among young adult riders. *Annals of Emergency Medicine*. To appear, 2002.

Lin MR, **Huang** W, Huang C, Tsai LW, Chiou YN: The Impact of Ji-Ji earthquake on quality of life among community elderly people in Taiwan. *Quality of Life Research* 11:379-388, 2002.

Huang W, DeGruttola V, Fisch M, Hammer S, Richman D, Havlir D, Gulick R, Squires K, Mellors J: Patterns of plasma HIV-1 RNA response to antiretroviral therapy. *Journal of Infectious Disease* 183:1455-1465, 2001.

Huang W, Zeger SL, Anthony JC, Garrett E: [Latent variable model for joint analysis of multiple repeated measures and bivariate time events](#). *Journal of the American Statistical Association* 96(455):906-914, 2001.

Zeger SL, Diggle PJ, **Huang** W: Generalized linear models for longitudinal data. In: *Encyclopedia of Biostatistics*. P. Armitage and T. Colton, Editors. New York: John Wiley and Sons, 1998.

Balser J, Martinez E, Winters B, Purdue P, Clarke A, **Huang** W, Tomaselli G, Dorman T, Campbell K, Lipsett P, Breslow B, Rosenfeld B: Beta-adrenergic blockade accelerates conversion of postoperative supraventricular tachyarrhythmias. *American Journal of Anesthesiology* 89(5):1052-9, 1998.

Nae-Yuh Wang

Thesis Title: On the Use of Extended Generalized Estimating Equations for Regression Analysis under Non-Standard Situations

Advisor: Kung-Yee Liang

Chang PP, Sussman MS, Conte JV, Grega MA, Schulman SP, Gerstenblith G, **Wang** NY, Capriotti A, Weiss JL: [Postoperative ventricular function and cardiac enzymes after on-pump versus off-pump CABG surgery](#). *American Journal of Cardiology* 89(9):1107-10, 2002.

Chang PP, Ford DE, Meoni LA, **Wang** NY, Klag MJ: [Anger in young men and subsequent premature cardiovascular disease: the precursors study](#). *Archives of Internal Medicine* 162(8):901-6, 2002.

Klag MJ, **Wang** NY, Meoni LA, Brancati FL, Cooper LA, Liang KY, Young JH, Ford DE: [Coffee intake and risk of hypertension: the Johns Hopkins Precursors Study](#). *Archives of Internal Medicine* 162(6):657-62, 2002.

Yeh H, Matanoski GM, **Wang** NY, Sandler DP, Comstock GW: [Cancer incidence after childhood nasopharyngeal radium irradiation: a follow-up study in Washington County, Maryland](#). *American Journal of Epidemiology* 153(8):749-56, 2001.

Gelber AC, Hochberg MC, Mead LA, **Wang** NY, Wigley FM, Klag MJ: [Joint injury in young adults and risk for subsequent knee and hip osteoarthritis](#). *Annals of Internal Medicine* 133(5):321-8, 2000.

Wang NY, Liang KY: Regression analysis of family data from complex survey. *Proceedings of the Biometrics Section of the American Statistical Association* 216-21, 2000.

Wang NY, Liang KY: On the use of extended generalized estimating equations for regression analysis on incomplete data. *Proceedings on Statistics in Epidemiology of the American Statistical Association* 35-40, 1999.

Gelber AC, Hochberg MC, Mead LA, **Wang** NY, Wigley FM, Klag MJ: [Body mass index in young men and the risk of subsequent knee and hip osteoarthritis](#). *American Journal of Medicine* 107(6):542-8, 1999.

Brancati FL, **Wang** NY, Mead LA, Liang KY, Klag MJ: [Body weight patterns from 20 to 49 years of age and subsequent risk for diabetes mellitus: the Johns Hopkins Precursors Study](#). *Archives of Internal Medicine* 159(9):957-63, 1999.

Chuu WM, **Wang** NY, Perry D: Vena caval filters for the prevention of pulmonary embolism. *New England Journal of Medicine* 339(1):46, 1998.

Ford DE, Mead LA, Chang PP, Cooper-Patrick L, **Wang** NY, Klag MJ: [Depression is a risk factor for coronary artery disease in men: the precursors study](#). *Archives of Internal Medicine* 158(13):1422-6, 1998.

Graves PL, **Wang** NY, Mead LA, Johnson JV, Klag MJ: [Youthful precursors of midlife social support](#). *Journal of Personality and Social Psychology* 74(5):1329-36, 1998.

Rollman BL, Mead LA, **Wang** NY, Klag MJ: [Medical specialty and the incidence of divorce](#). *New England Journal of Medicine* 336(11):800-3, 1997.

Johnson JV, Hall EM, Ford DE, Mead LA, Levine DM, **Wang** NY, Klag MJ: [The psychosocial work environment of physicians. The impact of demands and resources on job dissatisfaction and psychiatric distress in a longitudinal study of Johns Hopkins Medical School graduates](#). *Journal of Occupational and Environmental Medicine* 37(9):1151-9, 1995.

Klag MJ, Mead LA, LaCroix AZ, **Wang** NY, Coresh J, Liang KY, Pearson TA, Levine DM: [Coffee intake and coronary heart disease](#). *Annals of Epidemiology* 4(6):425-33, 1994.

Graves PL, Mead LA, **Wang** NY, Liang KY, Klag MJ: [Temperament as a potential predictor of mortality: evidence from a 41-year prospective study](#). *Journal of Behavioral Medicine* 17(2):111-26, 1994.

1999-2000:

Jeffrey Blume

Thesis Title: On the Probability of Observing Misleading Evidence in Sequential Trials

Advisor: Richard Royall

Blume JD, Royall RM: Illustrating the law of large numbers. *The American Statistician*. In press, 2002.

Blume JD: [Likelihood methods for measuring statistical evidence](#). *Statistics in Medicine* 21(17):2563-99, 2002.

Phipps MG, **Blume** JD, DeMonner, SM: [Young maternal age associated with increased risk of postneonatal death](#). *Obstetrics and Gynecology* 100(3):481, September 2002.

Peipert JF, Ness RB, **Blume** JD, et al: [Clinical predictors of endometritis in women with symptoms and signs of pelvic inflammatory disease](#). *American Journal of Obstetrics and Gynecology* 184(5):856-63, 2001.

Yen-Feng Chiu

Thesis Title: Multipoint Linkage Detection in the Presence of Heterogeneity

Advisor: Kung-Yee Liang

Chiu YF, McGrath JA, Thornquist MH, Wolyniec PS, Nestadt G, Swartz KL, Lasseter VK, Liang KY, Pulver AE: [Genetic heterogeneity in schizophrenia II: conditional analyses of affected schizophrenia sibling pairs provide evidence for an interaction between markers on chromosome 8p and 14q](#). *Molecular Psychiatry* 7(6):658-64, 2002.

Chiu YF, Liang KY, Beaty TH: [Multipoint linkage detection in the presence of heterogeneity](#). *Biostatistics* 3(2):195-211, 2002.

Chiu YF, Addington A, Beaty TH, Klein AP, Liang KY: [Multipoint linkage analysis under heterogeneity: incorporation of parametric and nonparametric approaches](#). *Genetic Epidemiology* (Suppl 1):55-60, 2001.

Liang KY, **Chiu** YF, Beaty TH, Wjst M: [Multipoint analysis using affected sib pairs: Incorporating linkage evidence from unlinked regions](#). *Genetic Epidemiology* 21(2):105-22, 2001.

Beaty TH, Wang H, Hetmanski JB, Fan YT, Zeiger JS, Liang KY, Chiu YF, Vanderkolk CA, Seifert KC, Wulfsberg EA, Raymond G, Panny SR, McIntosh I: [A case-control study of nonsyndromic oral clefts in Maryland](#). *Annals of Epidemiology* 11(6):434-42, 2001.

Liang KY, Chiu YF, Beaty TH: [A robust identity-by-descent procedure using affected sib pairs: multipoint mapping for complex diseases](#). *Human Heredity* 51(1-2):64-78, 2001.

Mendell NR, Babron MC, Boddeker I, **Chiu** YF, Grigull J, Van Eerdewegh P, Wang K: [Introduction: heterogeneity](#). *Genetic Epidemiology* 21 Suppl 1:S42-3, 2001.

Potash JB, Willour VL, **Chiu** YF, Simpson SG, MacKinnon DF, Pearlson GD, DePaulo JR Jr, McInnis MG: [The familial aggregation of psychotic symptoms in bipolar disorder pedigrees](#). *American Journal of Psychiatry* 158(8):1258-64, 2001.

Potash JB, Kane HS, **Chiu** YF, Simpson SG, MacKinnon DF, McInnis MG, McMahon FJ, DePaulo JR Jr: [Attempted suicide and alcoholism in bipolar disorder: clinical and familial relationships](#). *American Journal of Psychiatry* 157(12):2048-50, 2000.

Barnes KC, Freidhoff LR, Nickel R, **Chiu** YF, Juo SH, Hizawa N, Naidu RP, Ehrlich E, Duffy DL, Schou C, Levett PN, Marsh DG, Beaty TH: [Dense mapping of chromosome 12q13.12-q23.3 and linkage to asthma and atopy](#). *Journal of Allergy and Clinical Immunology* 104(2 Pt 1):485-91, 1999.

Hizawa N, Freidhoff LR, Ehrlich E, **Chiu** YF, Duffy DL, Schou C, Dunston GM, Beaty TH, Marsh DG, Barnes KC, Huang SK: [Genetic influences of chromosomes 5q31-q33 and 11q13 on specific IgE responsiveness to common inhaled allergens among African American families. Collaborative Study on the Genetics of Asthma \(CSGA\)](#). *Journal of Allergy and Clinical Immunology* 102(3):449-53, 1998.

Hizawa N, Freidhoff LR, **Chiu** YF, Ehrlich E, Luehr CA, Anderson JL, Duffy DL, Dunston GM, Weber JL, Huang SK, Barnes KC, Marsh DG, Beaty TH: [Genetic regulation of Dermatophagoides pteronyssinus-specific IgE responsiveness: a genome-wide multipoint linkage analysis in families recruited through 2 asthmatic sibs. Collaborative Study on the Genetics of Asthma \(CSGA\)](#). *Journal of Allergy and Clinical Immunology* 102(3):436-42, 1998.

Elizabeth [Garrett](#)

Thesis Title: Graphical Diagnostic Tools for Standard Latent Class and Latent Class Regression Model Assessment with an Application in Describing Depression and Validating Diagnostic Criteria for Depression

Advisor: Scott Zeger

Garrett ES, Parmigiani G: POE: Statistical methods for qualitative analysis of gene expression. In: *The Analysis of Gene Expression Data: Methods and Software*. (ed. Parmigiani, et al.) New York: Springer. To appear, spring, 2003.

Parmigiani G, **Garrett** ES, Irizarry RA, Zeger SL: *The Analysis of Gene Expression Data: Methods and Software*. New York: Springer. To appear, spring, 2003.

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Renée Rees

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Advisor: Marie Diener-West

Qian-Li [Xue](#)

Thesis Title: Latent Variable Regression Analysis with Missing Covariates

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Advisor: Kung-Yee Liang

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Chiung-Yu Huang

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