

# Curriculum Vita

## CHI-HONG TSENG

### PERSONAL HISTORY

#### Business Address

Department of Medicine Statistics Core  
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### EDUCATION

- B.S. Physics, National Taiwan University, Taipei, Taiwan, June 1991.
- M.S. Statistics, Iowa State University, Ames, Iowa, December 1994.
- Ph.D. Biostatistics, University of California, Los Angeles, California, June 2004.

### PROFESSIONAL EXPERIENCE

- 2011 – present Associate Professor, UCLA School of Medicine, Department of Medicine
- 2007 -- 2011 Assistant Professor, UCLA School of Medicine, Department of Medicine, Statistics Core
- 2004 -- 2007 Assistant Professor, NYU School of Medicine, Departments of Medicine and Environmental Medicine, Division of Biostatistics.
- 1999 -- 2003 Statistician, St. Jude Medical Inc.
- 1996 -- 1999 Statistical Analyst, MD Anderson Cancer Center.
- 1994 -- 1996 Teaching and Research Assistant, Department of Statistics, University of Washington.

### PROFESSIONAL ACTIVITIES

#### REVIEWING

- Refereed articles for Journal of the American Statistical Association, Bioinformatics, Statistics in Medicine, Communications in Statistics, Journal of Nonparametric Statistics, Statistics in Biopharmaceutical Research, Canadian Journal of Statistics

#### STATISTICAL SOCIETIES

- Professional Memberships: Western North American Region of the International Biometric Society

## **GRADUATE STUDENT ADVISING**

- Doctoral committee member for Jing Han (NYU, 2005), Family-based Linkage Analysis Allowing for Missing Parental Information. Yongzhao Shao, Chair.
- Doctoral committee member for Vandana Mukhi (NYU, 2006), A hybrid Bayesian-Frequentist Approach to Design and Evaluation of Clinical Trials. Yongzhao Shao, Chair.
- Doctoral committee member for Michael Szarek (NYU, 2008), Analysis of Time to First Event in a Composite Endpoint with Missing First Event Status. Judith Goldberg, Chair.
  
- Quantitative Mentor for Robert Wood Johnson Clinical Scholars (UCLA 2007- )  
Rhondee Benjamin-Johnson M.D. ( 2006-2009)  
Gerardo Moreno M.D. (2008-2010)  
Sierra Matula. M.D. (2008-2010)  
Sonali Kulkarni. M.D. (2008-2010)  
Lenard Lesser, M.D. (2009- )  
Robin Clarke, M.D. (2010- )  
Michael Hochman, M.D.(2010- )  
Lorraine Kelley-Quon, M.D. (2010- )  
Lauren Patty, M.D. (2010- )
  
- Quantitative Mentor for Master degree in Clinical Research (UCLA 2009 -)  
Richard Cheng M.D. (2009-2011)  
Cheri Silverstein M.D. (2009- )  
Lynn Shapiro M.D. (2009- )

## **HONORS AND SPECIAL AWARDS**

- Phi Kappa Phi from Iowa State University, 1994

## **RESEARCH GRANTS AND FELLOWSHIPS RECEIVED**

### **CURRENT GRANTS**

- Grant Number (PI): 1R03DK089122-01 (Duru)  
Grant Period: 8/1/10-7/31/13  
Funding Agency: NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES  
Title: THE COVERAGE GAP AND CLINICAL OUTCOMES IN A MEDICARE ADVANTAGE PART D POPULATION  
Effort: 10%  
Total Directs: \$154,664  
Detailed Description: This study will examine the impact of the Medicare Part D coverage gap on medication use and clinical outcomes, including metabolic

control, emergency department use, and hospitalizations, among older adults with diabetes in managed care.

- Grant Number (PI): 5R01DK081346-02 (Tintut)  
Grant Period: 5/8/09-3/31/14  
Funding Agency: NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES  
Title: REGULATION OF PTH-INDUCED OSTEOANABOLISM BY INFLAMMATORY LIPIDS  
Effort: 3%  
Total Directs: \$560,190  
Detailed Description: The proposed studies will determine how unmanaged cholesterol level reduces efficacy of the treatment so that corrective strategies can be developed.
- Grant Number (PI): 5R01ES016959-02 (Araujo)  
Grant Period: 9/21/09-6/30/14  
Funding Agency: NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES  
Title: EFFECTS OF PARTICULATE AIR POLLUTION ON HDL FUNCTION AND ATHEROSCLEROSIS  
Effort: 5%  
Total Directs: \$560,190  
Detailed Description: This project aims to understand the effects that exposure to air particulate matter produces on HDL function and atherosclerosis, an inflammatory process within the blood vessels that is initiated and propagated by the deposition of lipids and lipoproteins and that is the cause for cardiovascular ischemic diseases such as heart attacks and strokes, responsible for the largest number of deaths in the western world.
- Grant Number (PI): 5K08AG033630-02 (Duru)  
Grant Period: 9/30/09-8/31/14  
Funding Agency: NATIONAL INSTITUTE ON AGING  
Title: MAIL-ORDER PHARMACY USE AND MEDICATION ADHERENCE AMONG OLDER ADULTS WITH DIABETES  
Effort: 5%  
Total Directs: \$121,230  
Detailed Description: In this study we will evaluate whether Medicare beneficiaries with diabetes are more likely to consistently take their medications if they receive them through the mail as compared to at a local pharmacy. We will also develop and test educational and enrollment materials to help low-income Medicare beneficiaries successfully sign up for medication delivery by mail.
- Grant Number (PI): MEDIC study (Uslan)  
Grant Period: 07/01/08 – 06/30/12

Funding Agency: American Heart Association  
Title: Multicenter Electrophysiologic Device Infection Collaboration (MEDIC)  
Effort: 20%  
Total Directs: \$77,000  
Detailed Description: This study is multi-center observational study to study the risk factor associated with the Electrophysiologic Device Infection.

- Grant Number (PI): 1R01HL089901-01A1(Tashkin)  
Grant Period: 09/18/08 – 07/31/13  
Funding Agency: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE  
Title: MOCSLID-DCC  
Effort: 10%  
Total Directs: \$1,895,419  
Detailed Description: This project will be a randomized trial to study the effectiveness of MMF vs CYC in patients with Scleroderma disease.
- Grant Number (PI): 1R01DA030781-01 (Cunningham)  
Grant Period: 8/1/10-7/31/15  
Funding Agency: NIDA  
Title: EFFECTIVENESS OF PEER NAVIGATION TO LINK RELEASED HIV+ JAIL INMATES TO HIV CARE  
Effort: 10%  
Total Directs: \$883,143  
Detailed Description: The goal of the proposed study is to adapt and tailor a successful intervention to the needs of ex-inmates released from jail.

## **COMPLETED GRANTS**

- Grant Number (PI): 1RC2MD004770-01(Wong)  
Grant Period: 9/28/09-7/31/11  
Funding Agency: NCMHD  
Title: A NATURAL EXPERIMENT OF COLLEGE-READY PROGRAMS ON HEALTH AMONG LOW SES MINORITIES  
Effort: 5%
- Grant Number (PI): 5R01CA105048-05(Arab)  
Grant Period: 6/28/06-1/31/2010  
Funding Agency: NCI  
Title: VALIDATION OF WEB-BASED MULTIMEDIA DIETARY ASSESSMENT TOOLS  
Effort: 10%
- Grant Number (PI): 5R01AA013990-04(Ettner)  
Grant Period: 8/1/04-4/30/10

Funding Agency: NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM

Title: COSTS OF PREVENTING ALCOHOL PROBLEMS IN OLDER ADULTS

Effort: 15%

- Grant Number (PI): 5K01CD000049-03(Eisenman)  
Grant Period: 9/30/04-9/30/08  
Funding Agency: OFFICE OF PUBLIC HEALTH RESEARCH (OPHR)  
Title: PROMOTING DISASTER AND TERRORISM PREPAREDNESS IN LATINOS  
Effort: 10%
- Grant Number (PI): 5R01HL059832-09(Rom)  
Grant Period: 09/30/97-08/31/08  
Funding Agency: NIH  
Title: Host Response to TB and AIDS  
Effort: 10%
- Grant Number (PI): 1U54DE14257-01(Katz)  
Grant Period: 09/30/01-07/31/07  
Funding Agency: NIH/NIDR  
Title: NYU Oral Cancer RAAHP Center  
Effort: 10%
- Grant Number (PI): 5P30CA016087-26(Goldberg)  
Grant Period: 09/01/04-08/31/07  
Funding Agency: NIH/NCI  
Title: NYU Cancer center support grant  
Effort: 10%
- Grant Number (PI): 5R21NR009840-02 (Changrani)  
Grant Period: 02/01/06-01/31/07  
Funding Agency: NIH/NINR  
Title: South Asians Engaging in Hypertension Awareness & Treatment (SAEHAT)  
Effort: 10%
- Grant Number (PI): SWAN study (Reynolds)  
Grant Period: 02/01/06-04/30/09  
Funding Agency: Doris Duke Charitable Foundation  
Title: Study of Women with ACS and Non-Obstructive CAD (SWAN)  
Effort: 5%
- Grant Number (PI): ALARMS study (Schwartzbard)  
Grant Period: 05/01/05-04/30/07

Funding Agency: American Heart Association  
Title: Are Lipids Affected by Rosiglitazone in Metabolic Syndrome Study  
(Alarms)  
Effort: 5%

## **LECTURES AND PRESENTATIONS**

### **UNDERGRADUATE AND GRADUATE INSTRUCTION**

- Introduction to Biostatistics, New York University Graduate School of Art and Science. Fall semester, 2005 and Fall semester, 2006.
- Advanced Topics in Biostatistics, New York University Graduate School of Art and Science. Spring semester, 2006.
- Topics in Estimation, Biostatistics 115, University of California, Los Angeles. For first year biostatistics Master degree students. Spring Quarter 2008.
- Advanced Biostatistics, Biomathematics 266, University of California, Los Angeles. For clinical scholars in Masters of Clinical Research program. Spring Quarter, 2008, 2009, 2010, 2011, 2012.

### **DEPARTMENTAL SEMINARS**

- “Nonparametric estimation of a survival function with two-stage design studies”, Department of Biostatistics, University of Medicine and Dentistry of New Jersey, May 2004
- “Nonparametric estimation of a survival function with two-stage design studies”, Division of Biostatistics, NYU School of Medicine, May 2004
- “Nonparametric estimation of a survival function with two-stage design studies”, Institute of Statistics, Academia Sinica, Taipei, Taiwan, October, 2004
- “The effect of language interpretation on the detection of depressive disorder”. UCLA GIM/HSR Division, May 2007
- “The effect of language interpretation on the detection of depressive disorder”. Radiation effects research foundation, Hiroshima, Japan, May 2007
- “Analysis of the composite endpoint of longitudinal data and survival data”, Department of Biostatistics, University of California, Los Angeles. October 2007.
- Nonparametric estimation of a survival function with two-stage design studies”, Department of Statistics, UC Santa Barbara, July 2008
- Joint modeling of survival data and longitudinal measurements under nested case-control sampling. Department of Mathematics and Statistics, SDSU, San diego, April 2009
- Joint modeling of survival data and longitudinal measurements under nested case-control sampling. Institute of Statistics, Academia Sinica, Taipei, Taiwan, July 2009

## **SCIENTIFIC MEETING ORAL PRESENTATIONS (PAST 3 YEARS)**

- Joint modeling of survival data and longitudinal measurements under nested case-control sampling. Joint Statistical Meeting, Salt Lake City, UT, July 2007
- Analysis of a Composite Endpoint with Longitudinal and Time-to-Event Data. International Conference on Multiple Decision Theory, Statistical Inference and Applications. Taipei, Taiwan. December 2007
- Joint modeling of survival data and longitudinal measurements under nested case-control sampling. ICSA Applied Statistics Symposium, Piscataway , New Jersey June 2008
- Sample size calculation with dependence adjustment for FDR control in pharmacogenomic studies. The First International Symposium on Biopharmaceutical Statistics (ISBS), Shanghai, China. July 2008
- Joint modeling of survival data and longitudinal measurements under nested case-control sampling. WNAR meeting, Portland, Oregon, June 2009
- Predictive validation for Dietary Assessment Questionnaires. Experimental Biology 2010 Conference, Anaheim, California. April 2010
- Robust inference for longitudinal data analysis with non-ignorable and non-monotonic missing values. International Conference on Statistical Analysis in Complex Data. Kunming, China. June 2010.
- Robust inference for longitudinal data analysis with non-ignorable and non-monotonic missing values. First Joint Biostatistics Symposium, Beijing, China. July 2010.

## **GUEST LECTURES**

- Logistic Regression Data Analysis. Methods for Categorical Data Analysis (Yongzhao Shao, NYU). Fall 2005.
- Design of Clinical Trials. Cardiology Research Conference (Judith Hochman, NYU) Fall 2007.
- Randomization, Blinding and Baseline Characteristics. Clinical Trial (Joy Frank, UCLA) Spring 2009, Spring 2010, Spring 2011
- Nested Case Control Study. Advanced Nutritional Epidemiology (Simin Liu, UCLA) Spring 2009

## **BIBLIOGRAPHY**

### **RESEARCH PAPERS (PEER REVIEWED)**

#### **A. PEER REVIEWED**

A1. Statistical methods

1. Heath SC, Snow GL, Thompson EA, **Tseng CH**, and Wijsman EM. MCMC segregation and linkage analysis. *Genet Epidemiol*. 1997;14(6):1011-6. (PMID: 9433616)
2. Thall P, Lee JJ and **Tseng CH**. Accrual Strategies for Phase I Trials With Delayed Patient Outcome. *Stat Med*. 1999 May 30;18(10):1155-69. (PMID: 10363337)
3. Lee JJ and **Tseng CH**. Uniform power method for sample size calculation in historical control studies with binary response. *Control Clin Trials*. 2001 Aug;22(4):390-400. (PMID: 11514040)
4. Shao YZ, **Tseng CH**. Sample size calculation with dependence adjustment for FDR-control in microarray studies. *Stat Med*. 2007 Oct 15;26(23):4219-37. (PMID: 17328091)
5. Ge YC, Sealfon S, **Tseng CH**, and Speed T. A Holm-type procedure controlling the false discovery rate. *Statistics and Probability Letters*. 2007 Dec;77:1756-1762.
6. Li G, **Tseng CH**. Nonparametric estimation of a survival function with two-stage design studies. *Scand Stat Theory Appl*. 2008 Jun 1;35(2):228-247. (PMID: 19696901)
7. **Tseng CH**, Liu M. Joint modeling of survival data and longitudinal measurements under nested case-control sampling. *Statistics in Biopharmaceutical Research*. 2009 Nov;1(4):415-423.
8. Liu M, Lu W, **Tseng CH**. Cox Regression in Nested Case-controls Studies with Auxiliary Covariates. *Biometrics*. 2010 Jun;66(2):374-81. (PMID: 19508242)
9. **Tseng CH**, Shao Y. Sample size calculation for pharmacogenomics study. *Statistics in Biopharmaceutical Research*. 2010 Aug;2(3):319-328.
10. **Tseng CH**, Wong WK. Analysis of a Composite Endpoint with Longitudinal and Time-to-Event Data. *Stat Med*. 2011 Apr 30;30(9):1018-27.
11. **Tseng CH**, Li N, Li G, Elashoff R. Robust inference for longitudinal data analysis with non-ignorable and non-monotonic missing values. *Statistics and Its Inference*. (in press)

## A2. Other research

12. Jones JR, Perkins BD, Kaiser MS, **Tseng CH**. Variability in nutrients and algal biomass in a midwestern lake: An analysis of daily measurements during a two year period, *Lake and Reservoir Management*. 1994;9(2):85.
13. Gershenwald JE, Colome MI, Lee JE, Mansfield PF, **Tseng CH**, Lee JJ, Balch CM, and Ross MI. Patterns of recurrence following a negative sentinel lymph node biopsy in 243 patients with stage I or II melanoma. *J Clin Oncol*. 1998 Jun;16(6):2253-60. (PMID: 9626228)
14. Gershenwald JE, **Tseng CH**, Thompson W, Mansfield PF, Lee JE, Bouvet M, Lee JJ, and Ross MI. Improved sentinel lymph node localization in patients with primary melanoma with the use of radiolabeled colloid. *Surgery*. 1998 Aug;124(2):203-10. (PMID: 9706139)
15. Gershenwald JE, Thompson W, Mansfield PF, Lee JE, Colome MI, **Tseng CH**, Lee JJ, Balch CM, Reintgen DS, and Ross MI. Multi-institutional melanoma



- lymphatic mapping experience: the prognostic value of sentinel lymph node status in 612 stage I or II melanoma patients. *J Clin Oncol*. 1999 Mar;17(3):976-83. (PMID: 10071292)
16. Grimm EA, Smid CM, Lee JJ, **Tseng CH**, Eton O, and Buzaid AC. Unexpected cytokines in serum of malignant melanoma patients during sequential biochemotherapy. *Clin Cancer Res*. 2000 Oct;6(10):3895-903. (PMID: 11051235)
  17. Billeh B, Hirsh D, Baker C, Jorgensen B, Jeger R, Ramanathan K, Tseng CH, Hudaihed A, Haas F, Jorde UP. Randomized double blind comparison of acute beta-1 blockade with 50mg metoprolol versus 25 mg carvedilol. *Congest Heart Fail*. 2006 Sep-Oct;12(5):254-7. (PMID: 17033273)
  18. Hirsh, D, Vittorio TJ, Barbarash SL, Hudaihed A, **Tseng CH**, Arwady A, Goldsmith RL, Jorde UP. Association of heart rate recovery and maximum oxygen consumption in patients with chronic congestive heart failure. *Journal of Heart and Lung transplantation* (2006) 25:942-5. (PMID: 16890115)
  19. Elkayam L, Matalon A, **Tseng CH**, Axelrod F. Prevalence and Severity of Renal Disease in Familial Dysautonomia. *Am J Kidney Dis*. 2006 Nov;48(5):780-6. (PMID: 17059997)
  20. Narasimhaswamy S, VEDI C, Xavier Y, **Tseng CH**, and Shine D. Effect of implementing pain management standards. *J Gen Intern Med*. 2006 Jul;21(7):689-93. (PMID: 16808767)
  21. Jeger RV, **Tseng CH**, Hochman JS, and Bates ER. Inter-hospital Transfer for Emergency Revascularization in Patients with ST-Elevation Myocardial Infarction Complicated by Cardiogenic Shock - A Report from the SHOCK Trial and Registry. *Am Heart J*. 2006 Oct;152(4):686-92. (PMID: 16996836)
  22. Paulino LC, **Tseng CH**, Strober BE and Blaser MJ. Molecular Analysis of Fungal Microbiota in Samples from Healthy Human Skin and Psoriatic Lesions. *J Clin Microbiol*. 2006 August; 44(8): 2933–2941. (PMID: 16891514)
  23. Pillon L, **Tseng CH**. Blood volume monitoring improves volume assessment and management as determined by cardiovascular parameters [Abstract]. *American Journal of Kidney Diseases*. 49 (4): B65 (2007).
  24. Lee MS, Barker CM, Menon V, Steckman D, **Tseng CH**, Hochman JS. Outcome following coronary artery bypass grafting and percutaneous coronary intervention for acute myocardial infarction complicated by Cardiogenic shock and left main coronary artery stenosis: A report from the SHOCK trial and registry [Abstract]. *Circulation*. 2007; 116: 394.
  25. Kinkhabwala A, Roper J, Shak JR, Olivares AZ, **Tseng CH**, Perez-Perez GI, Blaser MJ, Francois F. Prospective evaluation of H-pylori eradication effects on meal-induced changes in plasma ghrelin and leptin [Abstract]. *Gastroenterology*. 2007;132(4):A208.
  26. Gany F, Kapelusznik L, Prakash K, Gonzalez J, Orta LY, **Tseng CH**, Changrani J. The Impact of Medical Interpretation Method on Time and Errors. *J Gen Intern Med*. 2007 Nov;22 Suppl 2:319-23. (PMID: 17957418; PMCID: PMC2078536)
  27. Jorde UP, Colombo PC, Ahuja K, Hudaihed A, Onat D, Diaz T, Hirsh DS, Fisher EA, **Tseng CH**, Vittorio TJ. Exercise-Induced Increases in Oxidized

- Low-Density Lipoprotein Are Associated With Adverse Outcomes in Chronic Heart Failure. *J Card Fail.* 2007 Nov;13(9):759-64. (PMID: 17996825)
28. Gao Z, **Tseng CH**, Pei Z, Blaser MJ. Molecular analysis of human forearm superficial skin bacterial biota. *Proc Natl Acad Sci USA.* 2007 Feb 20;104(8):2927-32. (PMID: 17293459; PMCID: PMC1815283)
  29. Vittorio TJ, Ahuja K, Kasper M, Turalic H, **Tseng CH**, Jorde UP. Comparison of high- versus low-tissue affinity ACE-inhibitor treatment on circulating aldosterone levels in patients with chronic heart failure. *J Renin Angiotensin Aldosterone Syst.* 2007 Dec;8(4):200-4. (PMID: 18205099)
  30. Jorde UP, Vittorio TJ, Kasper ME, Arezzi E, Colombo PC, Goldsmith RL, Ahuja K, **Tseng CH**, Haas F, Hirsh DS. Chronotropic incompetence, beta-blockers, and functional capacity in advanced congestive heart failure: Time to pace?. *Eur J Heart Fail.* 2008 Jan;10(1):96-101. (PMID: 18096432)
  31. Shak JR, Roper J, & Perez-Perez GI, **Tseng CH**, Francois F, Gamagaris Z, Patterson C, Weinshel E, Fielding GA, Ren C, Blaser MJ. The effect of laparoscopic gastric banding surgery on plasma levels of appetite-control, insulinotropic, and digestive hormones. *Obes Surg.* 2008 Sep;18(9):1089-96. (PMID: 18408980)
  32. Paulino LC, **Tseng CH**, and Blaser MJ. Analysis of Malassezia microbiota in healthy superficial human skin and in psoriatic lesions by multiplex real-time PCR. *FEMS Yeast Res.* 2008 May;8(3):460-71. (PMID: 18294199)
  33. Francois F, Goodman A, Pei Z, Ghumman M, Mourad M, Olivares de Perez AZ, Perez-Perez GI, **Tseng CH**, Blaser MJ. The association of gastric leptin with esophageal inflammation and metaplasia. *Gut.* 2008 Jan;57(1):16-24. (PMID: 17761783)
  34. Lee MS, **Tseng CH**, Baker CM, Menon V, Steckman D, Shemin R, Hochman JS. Outcome following Surgery and Percutaneous Intervention for Cardiogenic Shock and Left Main Disease. *Ann Thorac Surg.* 2008 Jul;86(1):29-34. (PMID: 18573394)
  35. Vittorio TJ, Zolty R, Kasper ME, Khandwalla RM, Hirsh DS, **Tseng CH**, Jorde UP, Ahuja K. Differential effects of carvedilol and metoprolol succinate on plasma norepinephrine release and peak exercise heart rate in subjects with chronic heart failure. *J Cardiovasc Pharmacol Ther.* 2008 Mar;13(1):51-7. (PMID: 18287590)
  36. Roper J, Francois F, Shue PL, Mourad MS, Pei Z, Olivares de Perez AZ, Perez-Perez GI, **Tseng CH**, and Blaser MJ. Leptin and ghrelin in relation to Helicobacter pylori status in adult males. *J Clin Endocrinol Metab.* 2008 Jun;93(6):2350-7. (PMID: 18397989; PMCID: PMC2435636)
  37. Gao Z, **Tseng CH**, Strober BE, Pei Z, Blaser MJ. Substantial alterations of the cutaneous bacterial biota in psoriatic lesions. *PLoS One.* 2008 Jul 23;3(7):e2719. (PMID: 18648509; PMCID: PMC2447873)
  38. Vittorio TJ, Zolty R, Garg PK, Sarswat N, **Tseng CH**, Jorde UP, Colombo PC. Interdependence of cardiac and endothelial function in patients with symptomatic chronic heart failure of nonischemic etiology. *Echocardiography.* 2009 Sep;26(8):916-21. (PMID: 19486111; PMCID: PMC2744413)

39. Sivapalasingam S, Klein RS, Howard A, Qin A, **Tseng CH**, Gourevitch MN. Housing insecurity and lack of public assistance are risk factors for tuberculin skin test conversion among persons who use illicit drugs in New York City. *J Addict Med*. 2009 Sep;3(3):172-7. (PMID: 20161091)
40. Dawson R, Condos R, Tse D, Huie ML, Ress S, **Tseng CH**, Brauns C, Weiden M, Hoshino Y, Bateman E, Rom WN. Immunomodulation with recombinant interferon- $\gamma$  in pulmonary tuberculosis. *PLoS One*. 2009 Sep 15;4(9):e6984. (PMID: 19753300; PMCID: PMC2737621)
41. Eisenman DP, Glik D and Ong M, Zhou Q, **Tseng CH**, Long A, Fielding J, Asch S. Terrorism-related fear and avoidance behavior in a multiethnic urban population. *Am J Public Health*. 2009 Jan;99(1):168-74. (PMID: 19008521)
42. Eisenman DP, Glik D, Zhou Q, **Tseng CH**, Asch S. Improving Latino disaster preparedness using social networks. *Am J Prev Med*. 2009 Dec;37(6):512-7. (PMID: 19944917)
43. Khanna D, **Tseng CH**, Furst DE, Clements PJ, Elashoff R, Roth M, Elashoff D, Tashkin DP. Minimally important differences in the Mahler's Transition Dyspnoea Index in a large randomized controlled trial--results from the Scleroderma Lung Study. *Rheumatology (Oxford)*. 2009 Dec;48(12):1537-40. (PMID: 19776222; PMCID: PMC2777487)
44. Leng JCF, Changrani J, **Tseng CH**, and Gany F. Detection of Depression with Different Interpreting Methods Among Chinese and Latino Primary Care Patients: A Randomized Controlled Trial. *J Immigr Minor Health*. 2010 Apr;12(2):234-41. (PMID: 19408119)
45. Van H, Poommipanit P, Shalaby M, Gevorgyan R, **Tseng CH**, Tobis J. Sensitivity of Transcranial Doppler Versus Intracardiac Echocardiography in the Detection of Right-to-Left Shunt. *JACC Cardiovasc Imaging*. 2010 Apr;3(4):343-8. (PMID: 20394894)
46. Chao C, Song Y, Cook N, **Tseng CH**, Manson JE, Eaton C, Margolis KL, Rodriguez B, Phillips LS, Tinker LF, Liu S. The utility of circulating biomarkers of inflammation and endothelial dysfunction for type 2 diabetes risk prediction among postmenopausal women – The Women's Health Initiative Observational Study. *Arch Intern Med*. 2010 Sep 27;170(17):1557-65. (PMID: 20876407; PMCID: PMC3127580)
47. Li Z, Song R, Nguyen C, Zerlin A, Karp H, Naowamondhol K, Thames G, Gao K, Li L, **Tseng CH**, Henning SM, Heber D. Pistachio Nuts Reduce Triglycerides and Body Weight by Comparison to Refined Carbohydrate Snack in Obese Subjects on a 12-Week Weight Loss Program. *J Am Coll Nutr*. 2010 Jun;29(3):198-203. (PMID: 20833992)
48. Akhondi A, Gevorgyan R, **Tseng CH**, Slavin L, Dao C, Liebeskind DS, Tobis JM. The association of PFO morphology and of stroke size in patients with paradoxical embolism. *Circ Cardiovasc Interv*. 2010 Oct;3(5):506-10. (PMID: 20858864)
49. Vittorio TJ, Lanier G, Zolty R, Sarswat N, **Tseng CH**, Colombo PC, Jorde UP. Association between endothelial function and chronotropic incompetence in subjects with chronic heart failure receiving optimal medical therapy. *Echocardiography*. 2010 Mar;27(3):294-9. (PMID: 20070352)

50. Duru OK, Xu H, **Tseng CH**, Mirkin M, Ang A, Tallen L, Moore AA, Ettner SL. Correlates of Alcohol-Related Discussions between Older Adults and their Physicians. *J Am Geriatr Soc*. 2010 Dec;58(12):2369-74. (PMID: 21087224; PMID: PMC3058868)
51. Crandall CJ, **Tseng CH**, Crawford S, Thurston R, Gold E, Johnston J, Greendale G. Association of Menopausal Vasomotor Symptoms with Increased Bone Turnover during the Menopausal Transition. *J Bone Miner Res*. 2011 Apr;26(4):840-9. (PMID: 20878774)
52. Roth MD, **Tseng CH**, Clements PJ, Furst DE, Tashkin DP, Goldin JG, Khanna D, Klerup EC, Li N, Elashoff D, Elashoff RM. Scleroderma Lung Study Research Group. Predicting treatment outcomes and responder subsets in scleroderma-related interstitial lung disease. *Arthritis Rheum*. 2011 Sep;63(9):2797-808. (PMID: 21547897)
53. Jeger RV, Urban P, Harkness SM, **Tseng CH**, Stauffer JC, Lejemtel TH, Sleeper LS, Pfisterer ME, Hochman JS. Early revascularization is beneficial across all ages and a wide spectrum of cardiogenic shock severity: A pooled analysis of trials. *Acute Card Care*. 2011 Mar;13(1):14-20. (PMID: 21244231)
54. Khanna D, **Tseng CH**, Farmani N, Steen V, Furst DE, Clements PJ, Roth MD, Goldin JG, Elashoff RM, Seibold JR, Sagggar R, Tashkin DP. Clinical course of lung physiology in patients with scleroderma and interstitial lung disease: Analysis of the Scleroderma Lung Study Placebo Group. *Arthritis Rheum*. 2011 Oct;63(10):3078-85. (PMID: 21618205; PMID: PMC3183128)
55. Furst DE, **Tseng CH**, Clements PJ, Strange C, Tashkin DP, Roth MD, Khanna D, Li N, Elashoff RM, Schraufnagel DE and other coauthors of the Scleroderma Lung Study. Adverse Events during the Scleroderma Lung Study. *Am J Med*. 2011 May;124(5):459-67. (PMID: 21531236)
56. Wallbom A, Benton D, Victor T, Miranda A, Nastasi A, Chi A, **Tseng CH**. Measuring Success Rates of Nonsurgical Treatment in Veterans With Chronic Low Back Pain and Posttraumatic Stress Disorder: A Pilot Study. *Federal Practitioner*. 2011; 28: 16-24.
57. Gany F, Leng JC, Winston G, **Tseng CH**, Qin A, Changrani J. Diabetes care and language discordance among Chinese and Latino primary care patients. *Ethn Dis*. 2011 Autumn;21(4):473-9. (PMID: 22428353)
58. Arab L, **Tseng CH**, Ang A, Jardack P. Validity of a Multipass, Web-based, 24-Hour Self-Administered Recall for Assessment of Total Energy Intake in Blacks and Whites. *Am J Epidemiol*. 2011 Dec 1;174(11):1256-65. (PMID: 22021561; PMID: PMC3224251)
59. Wesseling-Perry K, Pereira RC, **Tseng CH**, Elashoff R, Zaritsky J, Yadin O, Sahney S, Gales B, Jüppner B, Salusky IB. Early Skeletal and Biochemical Alterations in Pediatric Chronic Kidney Disease. *Clin J Am Soc Nephrol*. 2012 Jan;7(1):146-52. (PMID: 22052943)
60. Bharmal N, **Tseng CH**, Kaplan R, Wong MD. State-Level Variations in Racial Disparities in Life Expectancy. *Health Serv Res*. 2012 Feb;47(1 Pt 2):544-55. (PMID: 22092060)
61. Theodore A, **Tseng CH**, Li N, Elashoff R, Tashkin D. Correlation of Cough with Disease Activity and Treatment with Cyclophosphamide in Scleroderma

- Interstitial Lung Disease Findings from the Scleroderma Lung Study. *Chest*. 2011 Dec 8. (PMID: 22156609)
62. Greenspon A, **Tseng CH**, Uslan D. Timing of the Most Recent Device Procedure Influences the Clinical Outcome of Lead-Associated Endocarditis: Results from the Multicenter Electrophysiologic Device Cohort (MEDIC). *Journal of the American College of Cardiology*. 2012 Feb 14;59(7):681-7. (PMID: 22322085)
  63. Li N, Elashoff RM, Li G, **Tseng CH**. Joint analysis of bivariate longitudinal ordinal outcomes and competing risks survival times with nonparametric distributions for random effects. *Stat Med*. 2012 Feb 17. (PMID: 22344869)
  64. Clarke RM, **Tseng CH**, Brook RH, Brown AF. Tool Used To Assess How Well Community Health Centers Function As Medical Homes May Be Flawed. *Health Aff (Millwood)*. 2012 Mar;31(3):627-35. (PMID: 22345663)
  65. Tashkin DP, Simmons MS, **Tseng CH**. Impact of Changes in Regular Use of Marijuana and/or Tobacco On Chronic Bronchitis. *COPD*. 2012 Apr 12. [Epub ahead of print] (PMID: 22497563)
  66. **Tseng CH**, Elashoff R, Li N, Li G. Longitudinal data analysis with non-ignorable missing data. *Stat Methods Med Res*. 2012 May 24. [Epub ahead of print] (PMID: 22637472)

#### **LETTERS TO THE EDITOR**

1. Arab L, **Tseng CH**, Cambou M. Letter to the Editor. Re: Number of 24-hour diet recalls needed to estimate energy intake. *Annals of Epidemiology*. 2010;20(1):86.