

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Guoqing John Chen	POSITION TITLE Associate Professor		
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Tongji Medical University, Wuhan, China	MD	1982	Medicine
University of North Carolina at Chapel Hill, NC	MPH	1988	Health Policy
University of North Carolina at Chapel Hill, NC	PhD	1995	Health Economics/HSR
Wake Forest University School of Medicine, Winston-Salem, NC	Fellow	1995-1996	Geriatrics/Gerontology

A. Positions and Honors**Positions and Employment**

- 1983-1985 Lecturer, Department of Preventive Medicine, Tongji Medical College, Wuhan, P.R. China
- 1987-1993 Research Assistant, Department of Health Policy and Administration, University of North Carolina at Chapel Hill, NC
- 1997-2005 Assistant Professor, Department of Public Health Sciences, Wake Forest University School of Medicine, Winston-Salem, NC
- 1999-2005 Assistant Professor, Department of Dermatology, Wake Forest University School of Medicine, Winston-Salem, NC Section Head, General Internal Medicine, Wake Forest University School, NC
- 1999-2005 Associate, Department of Internal Medicine (General Internal Medicine), Wake Forest University School of Medicine, Winston-Salem, NC
- 2005- Associate Professor, Department of Medicine, Medical University of South Carolina, Charleston, SC
- 2006- Associate Professor, Dept of Biostatistics, Bioinformatics and Epidemiology, Medical University of South Carolina, Charleston, SC

Other Experience and Professional Memberships

- 1997- International Association of Health Economics
- 1997- Academy for Health Services Research and Health Policy
- 1995-1996 Fellowship in Geriatrics, Wake Forest University School of Medicine, Wake Forest University, Winston-Salem, NC
- 2000-2005 Evidence-Based Medicine Task Force, Wake Forest University School of Medicine, Winston-Salem, NC
- 2002-2005 Member, Institutional Review Board, Wake Forest University Health Sciences, Winston-Salem, NC
- 2005- Member, Scientific Merit Review Board (SMRB), Health Services Research & Development Service, Department of Veterans Affairs

B. Selected peer-reviewed publications (in chronological order).

1. **Chen GJ**, Yelverton CB, Polisetty SS, Housman TS, Williford PM, Teuschler HV,

- Feldman SR: Treatment patterns and cost of non-melanoma skin cancer management. Dermatologic Surgery 2006 (accepted)
2. Moran WP, **Chen GJ**, Watters C, Poehling G, Millman F: Using a collaborative to reduce postoperative complications for hip-fracture patients: a three-year follow-up. Journal on Quality and Patient Safety 2006;32(1):16-23.
 3. Cold DW, Ginn TA, **Chen GJ**, Smith BP, Curl W, Martin D, Poehling G. Cost comparison of anterior cruciate ligament reconstruction: autograft vs. allograft. Arthroscopy 2005; 21(7):786-90.
 4. Shaffer CL, Feldman SR, Fleischer AB, Huether MJ, **Chen GJ**. The cutaneous surgery experience of multiple specialties in the Medicare population. Journal of American Academy of Dermatology 2005; 52(6):1045-8.
 5. Jia H, Uphold CR, Wu S, **Chen GJ**, Duncan PW. Predictors of Changes in Health-related Quality of Life among Men with HIV Infection. AIDS Patient Care and STDs 2005; 19(6):395-405.
 6. Bertoni AG, Bonds DE, Thom T, **Chen GJ**, Goff DC Jr.: Acute Coronary Syndrome National Statistics: Challenges in Definitions. American Heart Journal 2005;149(6):1055-61.
 7. **Chen GJ**, Ferrucci L, Moran WP, Pahor M. A Cost-Minimization Analysis of Diuretic-Based Antihypertensive Therapy Reducing Cardiovascular Events in Older Adults with Isolated Systolic Hypertension. Cost Effectiveness and Resource Allocation 2005;3:2.
 8. Hancox JG, Neville JA, **Chen GJ**, Coldiron B, Williford PM, Feldman SR. Interpretation of dermatopathology specimens is within the standard of care of dermatology practice. Dermatologic Surgery 2005;31(3):306-309.
 9. **Chen GJ**, Feldman SR, Williford PW, Hester E, Kiang SH, Gill I, Fleischer, AB. The Clinical Diagnosis of Actinic Keratosis Identifies a High-Risk Elderly Population for Skin Cancer. Dermatologic Surgery 2005; 31(1):43-47.
 10. **Chen GJ**, Smith RD, Ferrario CM: Association between antihypertensive agent utilization and hospital admissions in a managed care population. American Journal of Medical Sciences 2004;327(6):310-4.
 11. Manternach T, Housman TS, Williford PM, Teuschler H, Fleischer AB Jr, Feldman SR, **Chen GJ**: Surgical treatment of nonmelanoma skin cancer in the Medicare population. Dermatologic Surgery 2003;29(12):1167-9.
 12. Pineau BC, Paskett ED, **Chen GJ**, Espeland MA, Phillips K, Han JP, Mikulaninec C, Vining DJ. Virtual colonoscopy using oral contrast compared with colonoscopy for the detection of patients with colorectal polyps. Gastroenterology 2003;125(2):304-10.
 13. Duque MI, Jordan JR, Fleischer AB Jr, Williford PM, Feldman SR, Teuschler H, **Chen GJ**: Frequency of seborrheic keratosis biopsies in the United States: a benchmark of skin lesion care quality and cost effectiveness. Dermatologic Surgery 2003;29(8):796-801.
 14. Dehkharghani S, Bible J, **Chen GJ**, Feldman SR, Fleischer AB: The economic burden of skin disease in the United States. Journal of the American Academy of Dermatology 2003;48(4):592-9.
 15. Housman TS, Feldman SR, Williford PM, Fleischer AB Jr, Goldman ND, Acostamadiedo JM, **Chen GJ**: Skin cancer is among the most costly of all cancers to treat for the Medicare population. Journal of the American Academy of Dermatology 2003;48(3):425-9.
 16. Feldman SR, Fleischer AB, Shaffer CL, Kiang SH, Williford PM, Lupton FA, **Chen GJ**: Coding multiple diagnoses for patient visits at which procedures were performed: no evidence for abuse by physicians. Dermatol Surgery 2003;29(2):150-4.
 17. Feldman SR, **Chen GJ**, Fleischer AB Jr.: Effects of systematic asymmetric discounting on physician-patient interactions: a theoretical framework to explain poor compliance with lifestyle counseling. BMC Med Inform Decision Making 2002;2(1):8-12.
 18. Casciano R, Doyle JJ, **Chen GJ**, Arikian S, Kugel H, Arocho R: The economic benefits of amlodipine treatment in patients with coronary artery disease. Pharmacoeconomics 2002; 20(8):553-63.
 19. Balkrishnan R, Hall MA, Dehrabi D, **Chen GJ**, Feldman SR, Fleischer AB Jr.: Capitation payment, length of visit, and preventive services: evidence from a national sample of outpatient physicians. American

- Journal of Managed Care 2002; 8(4):332-40.
20. **Chen GJ**, Fleischer AB, Smith ED, Kancler C, Goldman ND, Williford PM, Feldman SR.: Cost of non-melanoma skin cancer care in the United States. Dermatol Surgery 2001;27(12):1035-8.
 21. Suneja T, Smith ED, **Chen GJ**, Zipperstein KJ, Fleischer AB Jr., Feldman SR: Waiting times to see a dermatologist are perceived as too long by dermatologists: implications for the dermatology workforce. Arch Dermatology. 2001;137(10):1303-7.
 22. Pineau B, Paskett E, **Chen GJ**, Durkalski V, Espland M, Vining D: Validation of virtual colonoscopy in the detection of colorectal polyps and masses: rationale for proper study design. International Journal of Gastrointestinal Cancer 2001; 30(3):133-40.
 23. Ferrucci L, Furberg CD, Penninx B, Bari MD, Williamson, JD, Guralnik JM, **Chen GJ**, Applegate WB, Pahor M: Treatment of systolic hypertension in older patients: who should be treated more aggressively? Circulation 2001; 104(16):1923-6.
 24. Kincaid EH, Chang MC, **Chen GJ**, Letton RL, Meredith JW: Admission base deficit in pediatric trauma: a study using the national trauma data bank. Journal of Trauma 2001;51(2):332-5.
 25. Feldman SR, Dempsey JR, Grummer BA, **Chen GJ**, Fleischer AB Jr.: Implication of a utility model for ultraviolet exposure behavior. Journal of the American Academy of Dermatology 2001;45(5):718-22.
 26. Muender MM, More ML, **Chen GJ**, Sevick MA: Cost-benefit of a nursing telephone intervention to reduce preterm and low-birthweight births in an African American clinic population. Preventive Medicine 2000;30:271-76.
 27. **Chen GJ**, Feldman SR: Economic perspective of health care system. Clinics of Dermatology 2000; 18(2):211-14.
 28. Daeihagh P, Jordan J, **Chen GJ**, Rocco M: Efficacy of tissue plasminogen activator administration on patency of hemodialysis access catheters. American Journal of Kidney Diseases 2000;36(1):75-9.
 29. Sevick MA, Dunn AL, Morrow MS, Marcus BH, **Chen GJ**, Blair SN: Cost-effectiveness of lifestyle and structured exercise interventions in sedentary adults: results of Project ACTIVE. American Journal of Preventive Medicine 2000;19(1):1-8.
 30. Sevick MA, Bradham DD, Muender M, **Chen GJ**, Enarson C, Dailey M, Ettinger WH Jr.: Cost-effectiveness of aerobic exercise and resistance exercise in elders with knee osteoarthritis: results of the Fitness Arthritis and Seniors Trial (FAST). Medicine & Science in Sports & Exercise 2000;32(9):1534-40.
 31. Feldman SR, Fleischer AB, **Chen GJ**: Prior authorization of topical tretinoin for acne is not an effective cost-saving device. The American Journal of Managed Care 1999;5:457-63.
 32. Feldman SR, Fleischer AB, **Chen GJ**: The gatekeeper model is inefficient for the delivery of dermatologic services. Journal of the American Academy of Dermatology 1999;40(3):426-32.
 33. Sevick MA, Tell GS, Shumaker SA, Rocco MV, Burkart JM, Rushing JT, Levine DW, **Chen GJ**, Bradham DD, Pierce JJ, James MK: The Kidney Outcomes Prediction and Evaluation (KOPE) Study: a prospective cohort investigation of patients undergoing hemodialysis. Study design and baseline characteristics. Annals of Epidemiology 1998;8(3):192-200.
 34. Herman CM, **Chen GJ**, High KP.: Pneumococcal penicillin resistance and the cost-effectiveness of pneumococcal vaccine. Infections in Medicine 1998;15(4):233, 236-237,241-243,275.
 35. Gartiner S, Sevick MA, Keenan RJ, **Chen, GJ**: Cost-utility of lung transplantation: a pilot study. Journal of Heart and Lung Transplantation 1998;16(11):1129-34.
 36. Sevick MA, Sereika S, Hoffman LA, Matthews JT, **Chen GJ**: A confirmatory factor analysis of the caregiving appraisal scale for caregivers of home-based ventilator-assisted individuals. Heart and Lung 1997;26(6):430-8.
 37. Moran WP, Catherine M, Worford J, Guerette P, Preisser J, **Chen GJ**, Sheehen A, Wright M, Velez R: The community care coordination network: reducing acute care use by coordinating community care. Journal of American Medical Informatics 1998.
 38. Jain SC, Bold D, **Chen G**: Attributes of effective managers and implications for health care management education in the Asia-Pacific region. Asia-Pacific Journal of Public Health 1994;7(3):39-59.

C. Research Support

Ongoing Research Support

Research Career Development Award
VA/VISN 7

04/01/2006 - 03/31/2008

Racial Differences in Quality of Care, Outcomes, and Utilizations in Veteran CKD Patients

This study examines racial differences in quality of care, clinical outcomes, and utilization in veteran patients with chronic kidney disease.

Role: Principal Investigator

Completed Research Support

American Society for Dermatologic Surgery

10/01/2004 – 07/30/2005

The Benefits of Dermatological Surgeons in the Management of Skin Cancer

This study was to examine treatment pattern, quality and cost of skin cancer care among specialties.

Role: Principal Investigator

NIH/NIDDK: Rocco (PI)

10/01/2003 - 07/30/2005

Frequency Hemodialysis Network (FHN)

This study compared effectiveness of the frequent home dialysis with the in-center dialysis among patients with end-stage renal disease.

Role: Co-Investigator

N01-HC-95178 Byington (PI)

10/01/99 - 07/30/2005

NIH/NHLBI

Action to Control Cardiovascular Risk in Diabetes (ACCORD) Trial

This study investigated effect of intensive glycemia, hypertensive and lipid controls on prevention and/or delay cardiovascular complications in patients with type 2 diabetes.

Role: Co-Investigator

CDC: #200-95-0957/Task Order #0957-28 Goff (PI)

1/01/98 - 10/31/03

Reducing Preventable Hospitalizations for Heart Failure in the Managed Care Setting

This study examined effect of interventions on physician practice on quality of heart failure care.

Role: Co-Investigator

NIH/NCI Torti (PI)

10/01/2000 – 03/31/2001

Cancer Treatment Patterns in the Elderly in NC

This study examined treatment pattern and quality of breast and colon cancer using linked NC cancer registry data with Medicaid claims.

Role: Co-Investigator