

**CRRRICULUM VITAE**  
**HERNG-CHIA CHIU**

**CONTACT INFORMATION**

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**EDUCATION**

	<b>Degree</b>	<b>Year</b>
Department of Health Administration, School of Allied Health, Virginia Commonwealth University (VCU)	PhD	1995
Department of Health Administration, School of Pharmacy, University of Mississippi	MHS	1985

**TEACHING CIURSES**

- Health Care Economics (3 credits), Graduate Level (1995-present)
- Healthcare Organization Management and Evaluation (2 credits), Graduate Level (1995-present)
- Problems and Decision Makings in Hospitals (3 credits), Team Teaching, Graduate Level, 2001-present)
- Healthcare Research Methods (2 credits), Graduate Level (2001-present)
- Current Health Care Issues (1 credit), Graduate Level, Teaching Language: English, (2009-present)
- Healthcare Quality Management (2 credits), Team Teaching, Graduate Level, (2012-present)
- Organization Behaviors in Healthcare Setting (1995-2001)
- Healthcare Administration, Undergraduate Level (1996-2001)

**SERIVCES TO STUDENTS**

Advisees: More than 150 doctoral and master students graduated since 1995  
(Both MHA and EMHA)

Program Director: Initiated and organized KMU-Executive Master Healthcare

Administration (EMHA) associates to VCU intensive study program (2001-2014). This program included one-week in-class lectures site visits to hospital and other health care organizations.

## **PROFESSIONAL EXPERIENCE**

### **Teaching and University Administrative Positions**

Dean (2016/3--present)	International Medical Industry Institute, Changhua Christian Hospital, Changhua, Taiwan
Professor (2006-present)	Department of Healthcare Administration and Medical Informatics, School of Allied Health, Kaohsiung Medical University, (KMU)
Joint Appointment (2012-present)	Graduate Programs in Aging and Long-term Care Service, School of Nursing, KMU
Adjunct Professor (2014-present)	Department of Business Administration, School of Business Administration, National Sun Yat-sen University, Taiwan
Chair (2004-2006)	Department of Healthcare Administration and Medical Informatics, School of Allied Health, KMU
Associate Professor (2003-2006)	Institute of Healthcare Administration, KMU
Director (2001-2006)	Center of Hospital Development and Management, KMU
Associate Professor (1990-2003)	Department of Public Health, School of Allied Health, KMU
Teaching Assistant (1992-1994)	Department of Healthcare Administration, in Health Economics, School of Allied Health, VCU
Lecture (1986-1990)	Department of Public Health, Kaohsiung Medical College

## **PROFESSIONAL EXPERIENCE**

### **Executive Positions at KMU Healthcare Systems and Consultant to Hospitals**

Consultant (2014-Present)	E-Da Hospital and Health Systems (not-for-profit)
Consultant (2006-2009)	Jiannren Hospital (Private-own hospital)
Vise-superintendent ( 2001-2003)	Office of Superintendent, KMU Hospital (Chief Operating Officer, COO)
Director (1995-2001)	Division of Medical Records, KMU Hospital
Director (1998-2000)	Division of Medical Records, KMU Operated Shing-Kung Hospital
Secretarial General (1988-1991)	Office of Superintendent, KMU Hospital
Director (1986-1988)	General Affairs (purchasing, Inventory, housekeeping, , KMU Hospital
Specialist (1985-1986)	Division of Medical Affairs, National Department of Health, Executive Yuan, Taiwan, ROC

## **EDITORIAL ACTIVITIES**

Editor-in-Chief (2006-present)	Journal of Healthcare Management (Taiwan College of Healthcare Executives)
Editorial Board (2001-present)	Taiwan Journal of Public Health
Editorial board (2008-present)	Journal of Healthcare Quality
Editorial Board (2011-present)	The Journal of Taiwan Association for Medical Informatics
Associate Editor (2003-2006)	Journal of Healthcare Management (Taiwan College of Healthcare Executives)
Editorial Board (2004-2008)	Journal of Formosa Healthcare Management

## **SELECTED PROFESSIONAL ACTIVITIES**

Board Member (2003-present)	Taiwan Collage of Healthcare Executives
Board member (2008-present)	Taiwan Health Insurance Association
Board Member (2004-2008)	Association of Formosa Healthcare
Member (2003-2004)	Society of Geriatric, Division of Medical Care
Member (2001-2002)	Society of Geriatric, Division of Research
Board member (1998-2002)	Association of Medical Records
Board Member (1996-2000)	Association of Long-Term Care Professions
Board member (2002-2004)	Association of Healthcare Informatics
Member (2000-2003)	Forum of long-term Care, Department of Health

## **SOCIETY AND COMMUNITY SERVICE**

Surveyor (1995-present)	Taiwan JCAHO Hospital Accreditation
Surveyor (2004-present)	Technological College Program Accreditation
Surveyor (2007-present)	Higher Education Program Accreditation
Surveyor (2009-present)	Taiwan Nursing Home Accreditation
Reviewer/Evaluator (2001-present)	Taiwan Healthcare Quality Competition Awards
Member (2010-present)	Tainan City Hospital Management Consultation

- Member (2006-present) Central Government, Public Projects Committee
- Member (2009-2012) National Medical Review Council, DOH
- Member (2005-2009) Kaohsiung City Medical Review (CON) Council
- Member (2004-2009) Kaohsiung County Medical Review (CON) Council
- Member (1998- 2009) Southern Taiwan Regional Medical Network Committee
- Member (2007-2009) National Department of Health, Council of Long-term Care
- Member (2005-2007) Elderly Welfare Promotion Committee
- Member (2005-2006) Hospital accreditation Standard development Committee
- Member (2004-2005) Kaohsiung City Elderly Welfare Promotion Committee
- Member (2003-2005) Nursing Home Certificate-of- Need Committee
- Member (2003-2004) Kaohsiung City Hospital Renovation Committee

### **HONORS AND AWARDS**

Special Contribution Award to KMU Healthcare System, 2003, Kaohsiung Medical University

Senior Fulbright Visiting Professor (2012):  
Department of Healthcare Management, Virginia Commonwealth University (Feb-April);

Senior Fulbright Visiting Professor (2012):  
Department of Healthcare Policy and Management, University of Minnesota (April-August)

KMU Best Research Award 2013, Kaohsiung Medical University

## **PUBLICATIONS**

### **Books and Chapters**

1. **HC Chiu**, Chapter 7, Evaluation of Long-term Care Management Center Quality indicators, In CJ Chiou, Theory and Application of Long-term Care, Hungyeh Publishing Company , Taipei, 2012
2. Chung WC, **Chiu HC**, Tzeng DS. Operation Room Costs and Resource Utilization in Lumbar Fusion With Instrumentation Procedures : Integrated Delivery System (Integrated Health Care Delivery is Implicated (pp. 35-48)2008)
3. **Chiu, HC**. Evaluation Instrument of Institutional Care: Taiwan Version of Minimum Data Set (MDS 2.1), National Health Research Institute, Taipei, Taiwan, 2002
4. Rossiter LF, **Chiu HC**, Chen SH. Strengths and Weaknesses of the AAPCC: When Does Risk Adjustment Become Cost Reimbursement? Edited by Harold S. Luft. HMOs and the Elderly. P251-269. Ann Arbor, Michigan: Health Administration Press. 1994

### **JOURNAL ARTICLES (SINCE 2000)**

1. **Chiu HC\*** , Lin YC , Hsieh HM , Chen HP , Wang HL , Wang JY , "The impact of complications on prolonged length of hospital stay after resection in colorectal cancer: A retrospective study of Taiwanese patients" *Journal of International Medical Research*.-2017; 0(0) 1-15(SCI, IF:1.431, MEDICINE, RESEARCH & EXPERIMENTAL 91/124)
2. Hung YH, Lin YH, Shieh HM, **Chiu HC\***, Impact of Non-apnea Sleep Disorders on Diabetic Control and Metabolic Outcome –A Population-Based Cohort Study, *Sleep Medicine* (Under review)
3. Hsieh HM, **Chiu HC\***, Shin SJ. The Diabetes Pay-for-Performance Program and the Competing Causes of Death among Cancer Survivors with Type 2 Diabetes. *International Journal for Quality in Health Care* (Under review)
4. Chen CH, Wang HY Huang HT; Chen JC Lin SY; Ho CJ; Lee TC Lin K; and **Chiu HC\*** ·Specialized Hip Surgeon Decreases One-Year Mortality in Elderly Patients with Hip Fragility Fracture, *International Orthopedics* (Under review)

5. Chie WC, Hsiao CF, **Chiu HC\***, Poon Ronnie, Baccaglioni L, Blazeby JM et al. Minimal clinically important differences of the EORTC QLQ-C30 and QLQ-HCC18 in the assessment of patients with hepatocellular cancer, *Value in Health*, (Under review)
6. Chen KH, Hsieh HM, Chen CM, **Chiu HC\***, Lee IC, "The long-term trends of the association between falls among the elderly in Taiwan and their use of medical facilities" *International Journal of Gerontology* (Accepted for publication, 2016).
7. Su CH, **Chiu HC\***, Hsieh HM, Yen JY, Lee MH, Li CY, Chang KP, Huang CJ\* "Healthcare Utilization and Expenditures for Persons with Diabetes Comorbid with Mental Illnesses" *Psychiatric Quarterly* 87(3),545-557 2016 Sep(SSCI, PSYCHIATRY, IF:0.978, 109/136)
8. Chen CM, Lee IC, Su YY, Judy Mullan, **Chiu HC\*** The longitudinal relationship between mental health disorders and chronic disease for older adults: a population-based study" *International journal of geriatric psychiatry* 2016.Aug (SCI/SSCI,IF=2.699, GERONTOLOGY 7/32 )
9. Hsieh HM, Tsai SL, Shin SJ, **Chiu HC\***, "Effectiveness of Pay-for-Performance Incentive Designs on Diabetes Care. *Medical Care*.-2016.Dec; 12(54) 1063-1069 (SCI/SSCI, IF:3.081, HEALTH POLICY & SERVICES 7/74)
10. Ho TW, Huang CT, **Chiu HC\***, Ruan SY, Tsai YJ, Yu CJ, Lai F ;HINT Study Group "Effectiveness of Telemonitoring in Patients with Chronic Obstructive Pulmonary Disease in Taiwan-A Randomized Controlled Trial" *Scientific reports* 2016. Mar (6) p23797 (SCI, IF:5.228, MULTIDISCIPLINARY SCIENCES 7/63)
11. Chie WC, Hsiao CF, **Chiu HC\***, Poon Ronnie, Baccaglioni L, Blazeby JM et al. Differences in health-related quality of life between European and Asian patients with hepatocellular carcinoma. *Asia-Pacific Journal of Clinical Oncology*, 2016. Mar (SCI, IF:1.722, ONCOLOGY 169/213)
12. Su CH, **Chiu HC\***, Hsieh HM, Yen JY, Lee MH, Li CY, Chang KP, Huang CJ. Psychiatr Q "Healthcare Utilization and Expenditures for Persons with Diabetes Comorbid with Mental Illnesses". *Psychiatric quarterly* 2016 Sep;87(3):545-557. (SSCI, IF:0.978, PSYCHIATRY 109/136)

13. **Chiu HC\***, Hsieh HM, Lin YC, Kuo SJ, Yeh SC. et al, 2015. Patient Assessment of Diabetes Care in a Pay-for-Performance Program, *International Journal for Quality in Health Care*, 2016; 28(2): 183-190 (SCI/SSCI,IF=1.756, HEALTH POLICY & SERVICES 30/71 )
  
14. Yeh SJ, Yuan KS, Chen SS, Lo YY, Chou HC, Huang S, **Chiu HC\***, Wan TT The moderating effect of leadership on the relationship between personality and performance. *Journal of nursing management* 2016 May (SCI/SSCI, IF:1.721, NURSING 16/114)
  
15. Hsieh HM, Lin TS, Shih SC, Lee YC, **Chiu HC\*** The association between participation in a pay-for-performance program and macrovascular complications in patients with type 2 diabetes in Taiwan: A nationwide population-based cohort study. *Preventive Medicine*, 2016 85 (2): 53-59 (SCI IF:2.893, MEDICINE, GENERAL & INTERNAL 24/151)
  
16. Hsieh SC, **Chiu, HC\***, Hsieh YH, Ho PS, Chen LC, Chang WC. The Perceptions and Expectations toward Hospital's Social Responsibility and Organizational Commitment of Nursing Staff. *Journal of Nursing Research*, 2016;24 (3): 249-261 (SCI/SSCI, IF:0.955, NURSING 68/114)
  
17. Huang CJ, **Chiu HC\***, Shieh HM, Yen JY, Lee MH, Chang KP, Li CY, Lin CH,. Health care utilization and expenditures of persons with diabetes comorbid with anxiety disorder: a national population-based cohort study. *General hospital psychiatry*. 2015 Jul-Aug; 37(4):299-304. (SCI/SSCI IF:2.381, PSYCHIATRY 43/136)
  
18. Hsieh HM, Shin SJ, Tsai SL, **Chiu HC\***. Effects of changes in diabetes pay-for-performance incentive designs on patient risk selection, *Health services research* 2016 ,51 (2):667-686(SCI/SSCI IF:2.865, HEALTH POLICY & SERVICES 9/74)
  
19. Chen CM, Su YY, Mullan J, Huang MS, **Chiu HC\***. Trajectories of disability and their relationship with health status and social service use. *Journal Experimental Aging Research* 2015; 41(3), 240-258. (SCI IF:1.103, PSYCHOLOGY 61/76)
  
20. Hsieh HM, Shih, SC, **Chiu HC\***. Cost-Effectiveness of a Diabetes Pay-for-Performance Program in Diabetes Patients with Multiple Chronic Conditions, *PLOS One*, 2015 Jul 14;10 (7)(SCI IF:3.057, MULTIDISCIPLINARY SCIENCES 11/63)



21. Kao SH, Lu DK, Lin YL, Hsieh HM, Lin TH, **Chiu HC\*** Association of Physician Certification Policy and Quality of Care: Evidence of percutaneous coronary intervention certification program in Taiwan. *Health Policy*. 2015 Aug; 119(8):1031-8. (SSCI/SCI, IF: 2.035, HEALTH POLICY & SERVICES 28/74)
  
22. Chie WC, Yu F, Li M, Baccaglioni L, Blazeby JM, Hsiao CF, **Chiu HC\***, Poon RT, Mikoshiba N, Al-Kadhimi G, Heaton N, Calara J, Collins P, Caddick K, Costantini A, Vilgrain V, Trinquart L, Chiang C. Quality of life changes in patients undergoing treatment for hepatocellular carcinoma. *Quality of Research*.; 2015;24 (10):2499-2506(SSCI/SCI IF=2.429 PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH 22/153)
  
23. Hsieh HM, Tsai SL, Shin SJ, Mau LW, **Chiu HC\***, Cost-Effectiveness of Diabetes Pay-for-Performance Incentive Designs. *Medical Care*. 2015, 53(2), 106-115 (SCI/SSCI, IF: 3.081, HEALTH POLICY & SERVICES 7/74)
  
24. Hsieh HM, Lin YJ, **Chiu HC\***. Impact of pay-for performance on quality of chronic disease care. *Journal of Medical Care quality*: In Chinese 2014, 8(2), 28-31.
  
25. **Chiu HC\***, Lin YJ, Hsieh HM, Lee, YC. Development and current Taiwan healthcare management education programs. *Journal of Medical Care Quality*, in Chinese, 2014; 8(4), 4-8
  
26. Tsai MJ, Yang CJ, Kung YT, Sheu CC, Shen YT, Chang PY, **Chiu HC\***. Metformin decreases lung cancer risk in diabetic patients in a dose-dependent manner. *Lung Cancer*. 2014; 86(2), 137-143. (SCI IF:3.767,;RESPIRATORY SYSTEM 12/58)
  
27. Chen CM, Su YY, Lan TY, Mullan J, Shi HY, **Chiu HC\***. Health-related services use and the onset of functional disability: 10 year follow-up study. *Archives of gerontology and geriatrics*, 2014; 58(3), 356-363. (SCI; IF:1.971, GERIATRICS & GERONTOLOGY 30/49)
  
28. **Chiu HC\***, Ho TW, Lee KT, Chen HY, Ho WH. Mortality Predicted Accuracy for Hepatocellular Carcinoma Patients with Hepatic Resection Using Artificial Neural Network, *Scientific World Journal*. 2013, (2013) (SCI, IF: 1.219; MULTIDISCIPLINARY SCIENCES 16/55)

29. Shi HY, Chang JK, **Chiu HC\*** Volume Associations in Total Hip Arthroplasty: A Nationwide Taiwan Population-Based Study. *Journal of Arthroplasty*. 2013;28 (10):1834-1838. (SCI IF:2.515, ORTHOPEDICS 15/74)
30. Chen CH, Lin K, Huang HT, Chang JK, Wu SF, Lin SY, Cheng YM, **Chiu HC\***; Longitudinal Changes in Bone Mineral Density of Healthy Female Elders in Southern Taiwan. *Taiwanese Journal of Obstetrics & Gynecology*. 2013; 52, 61-65, (SCI IF:0.865, OBSTETRICS & GYNECOLOGY 71/80)
31. Lee KT, Wang SN, Su RW, Chen HY, Shi HY, Ker CG, **Chiu HC\***. Is Wider Surgical Margin Justified for Better Clinical Outcomes for Patients with Resectable Hepatocellular Carcinoma. *Journal of the Formosan Medical Association*. 2012; 111(3), 160-170 .(SCI IF: 2.018, MEDICINE, GENERAL & INTERNAL 44/151)
32. Ho WH, Lee KT, Chen HY, HO, TW, **Chiu HC\*** Disease-free Survival after Hepatic Resection in Hepatocellular Carcinoma Patients: A Prediction Approach Using Artificial Neural Network. *PLOS One*. 2012; 7 (1) (SCI IF:3.057, MULTIDISCIPLINARY SCIENCES 11/63)
33. Chen CM, Mullan J, Criffiths D, Kreis IA, Lan TY, **Chiu HC\***. The Longitudinal Relationship between Depressive Symptoms and Disability for Older Adults: A Population Based Study. *The journals of gerontology. Series A, Biological sciences and medical* 2012; 67(10) 1059-1067, (SSCI/SCI IF:5.476 GERONTOLOGY 1/32)
34. Huang CJ, Lin CH, Lee MH, Chang KP, **Chiu HC\***. Prevalence and incidence of diagnostic depression in patients with diabetic: A National Population-Based Cohort Study. *General Hospital Psychiatry*. 2012; 34(3):242-248 (SSCI/SCI IF:2.381 PSYCHIATRY,43/136)
35. Lin TH, **Chiu HC\***, Voon WC, Lai WT, Sheu SH, Wang CL, Hsu PC, Su HM. The Gly460 Trppolymorphism polymorphism of alpha-adducin gene as a predictor of renal function decline over 4 years of follow-up in an apparently healthy Chinese population. *Translational Research*. 2012; 160 (2) 162-163 (SCI IF:4.557 MEDICAL LABORATORY TECHNOLOGY,2/30)

36. Chie WC, Blazeby JM, Hsiao CF, **Chiu HC\***, Poon RT, Mikoshiba N, Al-Kadhimi G, Heaton N, Calara J, Collins P, Caddick K, Costantini A, Vilgrain V, Trinquart L, Chiang C. International cross-cultural field validation of an European Organization for Research and Treatment of Cancer questionnaire module for patients with primary liver cancer, the European Organization for Research and Treatment of Cancer quality-of-life questionnaire HCC18. *Hepatology*; 2012; 55(4), 1122-1129. (SCI IF: 11.711 GASTROENTEROLOGY & HEPATOLOGY, 4/78)
37. Chen, W., Chang, C. C., Chiu, H. C., Shabbir, A., Perng, D. S., & Huang, C. K. Use of individual surgeon versus surgical team approach: surgical outcomes of laparoscopic Roux-en-Y gastric bypass in an Asian Medical Center. *Surgery for Obesity and Related Diseases*, 2012; 8(2), 214-219. (SCI IF:4.121 SURGERY 8/199)
38. Huang CJ, Wang SY, Lee MH, **Chiu HC\***. Prevalence and Incidence of Mental Illness in Diabetes: A National Population-Based Cohort Study. *Diabetes Research and Clinical Practice*. 2011; 93(1)106-114 (SCI IF: **2.754**, ENDOCRINOLOGY & METABOLISM 56/122)
39. Hwang JR, **Chiu HC**, Wang SY. Prevalence and Incidence of Anxiety Disorders in Diabetic patients: A National Population-Based Cohort Study. *General Hospital Psychiatry*. 2011; 33(1) 8-15 (SCI/SSCI IF: 2.744, PSYCHIATRY 31/117)
40. Wu MS, Lan TH, Chen CM, **Chiu HC**, Lan TY. Socio-demographic and health-related factors associated with cognitive impairment in the elderly in Taiwan. *BMC Public Health*, 2011; 11(1), 22 (SCI/SSCI IF: 2.364, PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH 41/142 )
41. Chen CM, Mullan J, Criffiths D, Kreis IA, Lan TY, **Chiu HC\***. Trajectories of depression and their relationship with health status and social service use. *Archives of Gerontology and Geriatrics*. 2011; 53(2) 118-124 (SCI IF: 1.438, GERIATRICS & GERONTOLOGY 30/45)
42. Shi HY, Chang JK, Wong CY, Wang JW, Tu YK, **Chiu HC**, Lee KT. Responsiveness and minimal important difference after revision total hip replacement, *BMC Musculoskeletal Disorders*.2010; 11:261. (SCI IF: 1.941, ORTHOPEDICS 21/61)

43. Lin MY, Mau LW, Hwang SJ, **Chiu HC\***. Impact of Late-Stages CKD and Aging on Medical Utilization in the Elderly Population: A Closed Cohort Study in Taiwan. *Nephrol Dial Transplant*.2010; 25(10):3230-5. (SCI IF=3.488, UROLOGY & NEPHROLOGY 11/77)
44. Hsu CE, Lee KT, Chang CS, **Chiu HC**, Chao FT Shi HY. Cholecystectomy prevalence and treatment costs: an 8-year study in Taiwan. *Surgical endoscopy* 2010; 24(12): 3127-3133(SCI IF= 3.436, SURGERY 15/188)
45. Chung YC, Cheng KC, **Chiu HC\***. Influence of Closed Medical Intensive Care Unit on Quality and Medical Resources Use for Patients with Ventilator. *Journal Taiwan Hospital Association*. 2010; 43 (3): 9-19 (In Chinese)
46. Wei SY, Chang YY, Mau LW, Lin MY, **Chiu HC**, Tsai JC, Huang CJ, Chen HC, Hwang SJ. Chronic kidney disease care program improves quality of pre-end-stage renal disease care and reduces medical costs. *Nephrology*. 2010; 15: 108-115.(SCI IF= 1.172, UROLOGY & NEPHROLOGY 51/69)
47. Wei MH, Lin YL, Shi HY, **Chiu HC\***. Effects of Provider Patient Volume and Comorbidity on Clinical and Economic Outcomes for Total Knee Arthroplasty A Population-Based Study. *Journal of Arthroplasty*. 2010;25 (6):906-913 (SCI IF=2.207, ORTHOPEDICS 15/61)
48. Liou DC, **Chiu HC\***, Chuang SH, Lu CY. The outcomes and affecting factors analysis of hepatocellular carcinoma patients underwent transcatheter arterial chemoembolization. *Chinese J. Radiology*. 2010; 35,71-79.
49. Huang, CM, Lin CT, Leu YS, Chiu SC, **Chiu HC\***. Medical Utilization and expenditure of Nasopharyngeal Cancer Patients. T.S.M.H. *Medical & Nursing Journal*. 2010; 16(4): 237-244. In Chinese.
50. Chung WC, Fan PL, **Chiu HC**, Yang CY, Huang KL Tzeng DS. Operating room cost for coronary artery bypass graft procedures: Does experience or severity of illness matter? *Journal of Evaluation in Clinical Practice*. 2010; 16(6):1063-70 (SCI IF= 1.003, HEALTH CARE SCIENCES & SERVICES53/72)

51. Wan YH, Lin SL, **Chiu HC\***, Lin YL. Impact of Regional Alliance on DOH Hospital Executives' Morale. *The Journal of Health Sciences*. 2010;12(2):67-81 In Chinese.
52. Chung YC, Cheng KC, **Chiu HC\***. Influence of Closed Medical Intensive Care Unit on Quality and Medical Resources Use for Patients with Ventilator. *Taiwan Hospital Association*. 2010; 43 (3): 9-19. In Chinese
53. Shi HY, Lee KT, Lee HH, Uen YH, Na HL, **Chiu HC**, Chao FT, Chiu CC. The Minimal Clinically Important Difference in the Gastrointestinal Quality of Life Index after Cholecystectomy. *Surg Endosc*.2009;23(12):2708-2712 (SCI IF= 3.307, SURGERY 17/167)
54. Shi HY, Khan M, Culbertson R, Chang JK, Wang JW, **Chiu HC\***.Health-related quality of life after total hip replacement: a Taiwan study. *International Orthopaedics*. 2009; 33(5):1217-1222 (SCI IF= 1.825, ORTHOPEDICS18/56)
55. Tien WC, Kao HY, Tu YK, **Chiu HC**, Lee KT, Shi HY. A Population-Based Study of Prevalence and Operational Hospitalization Charges in Total Hip and Knee Replacement. *International Orthopaedics*.2009;33(4):949-954 (SCI IF= 1.825, ORTHOPEDICS18/56)
56. Wu LC, Lin MY, Hsieh CC, **Chiu HC**, Mau LW, Chiu YW, Chen HC, Hwang SJ. Planned Creation of Vascular Access Saves Medical Expenses for Incident Dialysis Patients. *Kaohsiung Journal of Medical Sciences*. 2009 Oct;25(10).(SCI IF= 0.607, MEDICINE, RESEARCH & EXPERIMENTAL 84/93)
57. Shi HY, Mau LW, Chang JK, Wang JW, **Chiu HC\***. Responsiveness of the Harris Hip Score and the SF-36: five years after total hip arthroplasty. *Quality of life research* 2009;18(8):1053-1060 (SSCI/SCI IF=2.376, HEALTH CARE SCIENCES & SERVICES 20/69)
58. Lee KT, Lu YW, Wang SN, Chen HY, Chuang SC, Chang WT, Shi HY , Ker CG, **Chiu HC\***.The Effect of Preoperative transarterial chemoembolization of resectable hepatocellular carcinoma on clinical and economic outcomes. *Journal of Surgical Oncology*. 2009 May 1; 99(6):343-50 (SCI IF=2.502 SURGERY 37/167)

59. Lee YT, **Chiu HC**, Huang CT , Su HM, Wang CL, Lin TH, Voon WC, Chen HC, Lai WT, Sheu SH .The A1166C polymorphism of angiotensin IIType1 receptor as a predictor of renal function decline over 4 years follow of-up in an apparently health Chinese population. *Clinical Nephrology* .2009 Dec;72(6):457-467 (SCI IF= 1.373 UROLOGY & NEPHROLOGY 43/63)
60. Su YY , Win KT, **Chiu HC**. The Development of Taiwanese Electronic Medical Record Systems Evaluation Instrument. *International Journal of Biological and Medical Sciences*.2009;1:140-145.
61. Su YY, Win KT , Fulcher J, Chiu HC. Measuring end-users' opinions for establishing a usercentred Electronic Health Record (EHR) system from the perspective of nurses. *Journal of theoretical and applied electronic commerce research*. 2009; 4(2), 55-63.
62. Mau LW, **Chiu HC**, Chang PY, Hwang SC, Hwang SJ. Health-Related Quality of Life in Taiwanese Dialysis Patients: Effects of Dialysis Modality *Kaohsiung Journal of Medical Sciences*. 2008; 24(9). (SCI IF= 0.474, MEDICINE, RESEARCH & EXPERIMENTAL 92/106)
63. Shi HY, Lee HH, Chiu CC, **Chiu HC**, Uen YH, Lee KT. Responsiveness and minimal clinically important differences after cholecystectomy: GIQLI versus SF-36. *J Gastrointest Surg*. 2008;12(7):1275-82. (SCI IF=2.311 SURGERY 36/148)
64. Shi HY, **Chiu HC**, Chang JK, Wang JW, Culbertson R, Khan M. Evaluation and prediction of health-related quality of life for total hip replacement among Chinese in Taiwan. *International Orthopaedics*. 2008 ;32(1):27-32 (SCI IF= 1.235 ORTHOPEDICS 28/49)
65. Su YY, Fulcher J, Win KT, **Chiu HC**, Chiu GF. Evaluating the implementation of Electronic Medical Record (EMR) Systems from the perspective of Health Professional. IEEE 8th International Conference on Computer and Information Technology. *IEEE Computer Society*. 2008; 589-594.
66. Lee YT, **Chiu HC**, Su HM, Voon WC, Lin TH, Lai WT, Sheu SH. Presence of chronic kidney disease and subsequent changes of left ventricular geometry over 4 years in an apparently healthy population aged 60 and older.*Hypertens Res*. 2008;31(5):913-20. (SCI IF= 3.146 PERIPHERAL VASCULAR DISEASE 18/56)

67. **Chiu HC**, Chen CH, Ho ML, Liu HW, Wu SF, Chang JK. Longitudinal Changes in Bone Mineral Density for Healthy Male Elders in Southern Taiwan. *Journal of the Formosan Medical Association*. 2008;107(8):653-658. (SCI IF= 0.640 MEDICINE, GENERAL & INTERNAL 83/107)
68. Hwang SJ, Lin MY, Chen HC, Hwang SC, Yang WC, Hsu CC, **Chiu HC**, Mau LW. Increased risk of mortality in the elderly population with late-stage chronic kidney disease: a cohort study in Taiwan. *Nephrol Dial Transplant*. 2008 Oct; 23(10):3192-8.(SCI IF= 3.564 UROLOGY & NEPHROLOGY,12/69)
69. Lee YT, **Chiu HC**, Su HM, Voon WC, Lin TH, Lai WT, Sheu SH. Angiotensinogen and Angiotensin II Type 1 Receptor Gene Polymorphisms and Changes in Repolarization Parameters in Elderly Chinese: A 4-Year Follow-up Study. *Kaohsiung Journal of Medical Sciences*. 2008; 24(3):111-9 (SCI IF= 0.474, MEDICINE, RESEARCH & EXPERIMENTAL 92/106)
70. Lee YT, **Chiu HC**, Su HM, Voon WC, Lin TH, Lai WT, Sheu SH. The D allele of angiotensin-converting enzyme polymorphism as a predictor of renal function decline over 4 years in an apparently healthy Chinese population aged 60 and older. *Journal of the American Geriatrics Society*. 2008; 56(4):718-723. (SCI/SSCI IF= 3.805 GERONTOLOGY 3/25)
71. Lee YT, **Chiu HC**, Su HM, Yang JH, Voon WC, Lin TH, Lai WT, Sheu SH. Lower hemoglobin concentrations and subsequent decline in kidney function in an apparently healthy population aged 60 and older. *Clinica chimica acta* 2008; 389(1-2):25-30. (SCI IF= 2.960 MEDICAL LABORATORY TECHNOLOGY 5/27)
72. **Chiu HC**, Shi HY, Mau LW, Wang GJ. The Effects of a Prospective Case Payment System on Hospital Charges for Total Hip Arthroplasty in Taiwan. *The Journal of Arthroplasty*. 2007;22 (1): 65-71(SCI) IF= 1.609 ORTHOPEDICS 17/48)
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88. Fang FM, Tsai WL, Chien CY, **Chiu HC**, Wang CJ, Chen HC, Hsiung CY. Changing Quality of Life in Patients with Advanced Head and Neck Cancer after Primary Radiotherapy or Chemoradiation. *Oncology*. 2005; 68(4-6): 405-413. (SCI)IF= 2.114 ONCOLOGY 65/123)

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91. Fang FM, Tsai WL, **Chiu HC**, Kuo WR, Hsiung CY. Quality of Life as a Survival Predictor for Esophageal Squamous Cell Carcinoma Treated with Radiotherapy. *International Journal of Radiation Oncology Biology Physics*. 2004; 58(5): 1394-1404. (SCI IF= 4.297;RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING 6/84)
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96. **Chiu HC**, Lee LJ, Hsieh HM, Mau LW. Inappropriate Hospital Utilization for Long-Stay Patients in Southern Taiwan. *The Kaohsiung Journal of Medical Sciences*. 2003; 19(5):225-232. (SCI IF= 0.474, MEDICINE, RESEARCH & EXPERIMENTAL 92/106 )

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98. **Chiu HC**, Lee TK\*, Mau LW, Liu HW. Prevalence of Cardiovascular Risk Factors of Elderly Persons in Taiwan. *The Kaohsiung Journal of Medical Sciences*.2002; 18(2):53-61 (SCI IF= 0.474, MEDICINE, RESEARCH & EXPERIMENTAL 92/106)
99. Hsieh YH, **Chiu HC**, Mau LW. The Use and Perceived Need for Services of Community Elderly Person's – a Cohort Study of 1994-1998. *Taiwan Journal of Public Health*. 2002; 21(6):411-419. (In Chinese)
100. **Chiu HC**. Organization and Delivery of Long-Term Care in Taiwan. *Journal of Aging & Social Policy*. 2002; 13(2):217-232.(SSCI IF= 0.612, GERONTOLOGY23/30 )
101. **Chiu HC**, Mau LW, Hsu YC, Chang JK. Postoperative 6-month and 1-year evaluation of health-related quality of life in total hip replacement patients. *Journal of the Formosan Medical Association*. 2001; 100 (7): 461-465. (SCI IF= 0.378 MEDICINE, GENERAL & INTERNAL 76/112)
102. **Chiu HC\***, Lee IC, Wang JW, Wong CY, Chang JK. Outcomes and Health-Related Quality of Life in Total Hip Replacement. *Taiwan Journal of Public Health*. 2001; 20 (4): 301-310. (In Chinese)
103. **Chiu HC**, Chern JY, Shi HY, Chen SH, Chang JK. Physical Functioning and Health-Related Quality of Life: Before and After Total Hip Replacement. *The Kaohsiung Journal of Medical Sciences*. 2000; 16 (6): 285-292. (SCI IF= 0.474, MEDICINE, RESEARCH & EXPERIMENTAL 92/106 )
104. **Chiu HC**, Chang HY, Mau LW, Lee TK, Liu HW. Height, Weight, and Body Mass Index (BMI) of the Elderly in Taiwan. *Journal of Gerontology: Biological Sciences and Medical Sciences*. 2000; 55A(11): 684-690.(SCI/SSCI, IF:1.549 GERONTOLOGY 5/23)

105. **Chiu HC**, Mau LW, Liu HW. Physical Health Status of the Community and Institutional Elderly in Taiwan. *Hallym International Journal of Aging*. 2000; 2 (1): 61-69

### SELECTED RESEARCH GRANTS PARTICIPATION

Title of Grant	Sponsoring Agency	Principal Responsibility	Date	Funding Budget
Long-term outcomes and healthcare utilization in older hip fracture patients comorbid with parkinsonism (MOST104-2314-B-037-026-MY3)	Ministry of Science and Technology	Principal Investigator	2015/8/1 ~2018/7/31	3,079,000
Biomarkers for the early diagnosis, prediction, prognosis for colorectal cancers. Sub-project : Cost Benefit and Cost-Effectiveness of using Biochips on Colorectal Cancer Patients.	Academia Sinica	Sub-project Principal Investigator	2012/5/1 ~2016/12/31	48,800,000
Impact of Medical Technological Innovation on Clinical Outcomes and Cost-Effectiveness of Surgical CRC Patients (NSC101-2314-B-037-050-MY3)	Ministry of Science and Technology	Principal Investigator	2012/08/01 ~2015/07/31	3,540,000
Development of biomarkers and biotech drug for the early diagnosis, prediction, prognosis and tailored therapy for colorectal cancers. (KMU-TP103C00) Sub-project 4 : Economic evaluation of primary prevention, diagnoses and treatments among CRC patients.	Kaohsiung Medical University 1	Sub-project Principal Investigator	2014/8/1 ~2015/7/31	10,761,000
Evaluation of Pay-for-Performance and Establishment of Prospective Payment for Integrated Care. (DOH101-NH-9018)	NHIA: Ministry of Health and Welfare	Principal Investigator	2012/11/1 ~2013/11/30	4,150,000
The Influence of the New Hospital Accreditation on Healthcare Quality	Ministry of Science and Technology	Co-investigator	2012/08/01 ~2013/07/31	500,000

and Hospital Management in Taiwan. (101-2410-H-075-001)				
Hospital resource utilization, perceptions, outcomes and cost effectiveness in patients undergoing breast cancer surgery: A longitudinal study. (99-2314-B-037-069-MY3)	Ministry of Science and Technology	Co-investigator	2010/8/1 ~2013/7/31	4,200,000
Data Mining for the Hepatocellular Carcinoma Patients' Long-term Prognosis Optimal Predicting Model and Its Decision Support Systems Design. (99-2320-B-037-026-MY2)	Ministry of Science and Technology	Co-investigator	2010/8/1 ~2012/7/31	1,882,000
Long-term Outcomes, Quality of Life, Psychological Distress and Medical Utilization of Colorectal Cancer (CRC) Patients. ( NSC98-2314-B-037-062-MY3 )	Ministry of Science and Technology	Principal Investigator	2009/08/01 ~2012/07/31	2,850,000
Development and validation of a prediction model for the risk of functional decline in the older population. ( 100-2314-B-010-055 )	Ministry of Science and Technology	Co-investigator	2011/8/1 ~2012/7/31	600,000
Study on Service Quality and Association Factors for Long-Term Care Management Center. ( DOH098-TD-M-113-098004 )	Ministry of Health and Welfare	Principal Investigator	2009/03/01 ~2011/02/28	2,308,000
Hospital Resource Utilization, Perceptions and Satisfaction, Outcomes, and Cost Effectiveness in Revision THR: A Longitudinal Study. (96-2314-B-037-050-MY3)	Ministry of Science and Technology	Co-investigator	2007/8/1 ~2010/7/31	2,536,000
Evaluation of Heng-Chuen Medical Care Demand and Programs to Improve Medical Service Quality. ( H098014 )	Ministry of Health and Welfare	Principal Investigator	2009/04/01 ~2009/11/30	500,000

Long-term Outcomes and Health-related Quality Life of Hepatocellular Carcinoma Patients with Resection. NSC95-2314-B-037-079-MY3 )	Ministry of Science and Technology	Principal Investigator	2006/08/01 ~2009/07/31	2,559,000
Evaluation of Effectiveness, Economic Efficiency, and Payment Policy for Injection of Hyaluronic Acid. ( DOH97-NH-1002 )	NHIA, Ministry of Health and Welfare	Principal Investigator	2008/07/01 ~2009/06/30	499,950
Performance Evaluation of Different Scales in Regional Health Alliance for the Department of Health Hospitals	Ministry of Health and Welfare	Co-investigator	2007/11/01 ~2008/10/30	900,000
Clinical and Economic Outcomes of Percutaneous Coronary Intervention. (95CM-KMU-17)	Chi Mei Hospital	Principal Investigator	2006/03/01 ~200702/28	500,000
Epidemiological Studies on Diabetes Mellitus and Associated Complications in the Kao-Ping Region. ( DOH95-HP-1103)	Ministry of Health and Welfare	Principal Investigator	2006/01/01 ~2006/12/31	702,000
Clinical and Economic Outcomes of Percutaneous Coronary Intervention: A Multicenter Study. ( NSC 94-2416-H-037-001 )	Ministry of Science and Technology	Principal Investigator	2005/08/01 ~2006/07/31	389,000
Development of Resources Integration Platform of Southern Taiwan Medical Network.	Ministry of Health and Welfare	Principal Investigator	2005/01/01 ~2005/12/31	500,000
Outcomes and Medical Utilization of Total Hip Replacement: Comparison between Two Medical Centers. (MMH-KMU-07)	Mackay Memorial Hospital	Principal Investigator	2005/05/01 ~2005/12/31	600,000
Five-year Follow-up of Primary THR and Risk Factors of Revision and Outcomes Study. (NSC 93-2320-B-037-024)	Ministry of Science and Technology	Principal Investigator	2004/8/1 ~2005/7/31	617,000
Outcomes of Total Hip Replacement: Postoperative Five	Ministry of Science and Technology	Principal Investigator	2003/08/01 ~2004/07/31	595,200

Years Follow Up. (NSC 92-2320-B-037-055)				
Gerontology Research Lab: The Longitudinal Study of Aging. (NHRI-EX93-8903PL)	National Health Research Institutes	PI Principal Investigator	1999/07/01 ~2004/12/31	15,000,000
Examination of Effects of Health Insurance Reimbursement Policy on the Selection of Specialty of Graduate Medical Education. (NSC 91-2516-S-037-002)	Ministry of Science and Technology	Principal Investigator	2002/08/01 ~2003/07/31	583,200
The Effect of Clinical Pathway on Resource Utilization and Quality of Care-Example of Total Hip Replacement. (NSC 91-2320-B-037-037)	Ministry of Science and Technology	Principal Investigator	2002/08/01 ~2003/07/31	724,800
Build-up of Databank of Hospital Accreditation and Evaluation of Its Effectiveness. (DOH-91)	Ministry of Health and Welfare	Principal Investigator	2002/01/01 ~2002/12/31	920,000
Examination of Risk Factors on Hip Replacement Patients. (NSC 90-2320-B-037-039)	Ministry of Science and Technology	Principal Investigator	2001/08/01 ~2002/07/31	597,000
Development of Resident Assessment Instrument and Payment Schemes for Long-term Care Facilities.	Ministry of Health and Welfare	Principal Investigator	1999/11/01 ~2002/06/30	3,682,980
Effectiveness Evaluation of Hospital Accreditation System. (DOH-9013)	Ministry of Health and Welfare	Principal Investigator	2001/01/01 ~2001/12/31	954,000
The Effects of Hospital Drug Policy and Physician Prescribing Behaviors (DOH89-NH-039)	Ministry of Health and Welfare	Principal Investigator	2000/07/01 ~2001/06/30	800,000
The Impact of Integrated Delivery System on Medical Care Utilization. (DOH89-)	Ministry of Health and Welfare	Principal Investigator	2000/01/01 ~2000/12/31	942,000
Outcomes of Primary Total Hip Replacement: A Longitudinal Study. (NSC 89-2320-B-037-022)	Ministry of Science and Technology	Principal Investigator	1999/07/01 ~2000/06/31	542,700

Outcome Evaluation of Quasi-HMO Health Service Program: Contracted Out Program of Pang-Hu Islands. (DOH88-NH-006)	Ministry of Health and Welfare	Principal Investigator	1999/04/01 ~2000/03/31	876,000
Impact of Case-payment System on Quality of Care and Expenditures: Example of Total Hip Replacement. (NSC 88-2314-B-037-048)	Ministry of Science and Technology	Principal Investigator	1998/07/01 ~1999/07/31	726,000
Database Establishment of Multi-dimensional Functional Status of the Taiwan Elderly. (DD01-86IX-GR-602S)	Ministry of Health and Welfare	Principal Investigator	1996/07/01 ~1999/06/30	9,896,000
A Longitudinal Study of Medical Outcomes and Economic Efficiency of Primary Total Hip Anthroplasty and Revision of THA. (NSC 87-2314-B-037-090)	Ministry of Science and Technology	Principal Investigator	1997/08/01 ~1998/07/31	390,600
Study on the Integrated Delivery Systems (IDS) between Hospitals and Long-Term Care Facilities: From Financial and Functional Perspectives. ( DOH87-TD-1128)	Ministry of Health and Welfare	Principal Investigator	1995/07/01 ~1998/06/30	3,327,000
Impact of National Health Insurance on Long-Term Care System.(DOH86-NH-014)	Ministry of Health and Welfare	Principal Investigator	1995/11/01 ~1996/06/30	700,000

## **SLECTED LECTURES**

### **Invited by Society, University, and Hospital**

March, 2009	Kaohsiung Medical University Hospital, Kaohsiung, Taiwan “Application Process Management in Hospital Operation”
June, 2009	Kaohsiung SK Municipal Hospital, Kaohsiung, Taiwan “Research Subjects Selection and Hypotheses”
August, 2009	Kaohsiung United hospital: Fine art campus, Kaohsiung “Impact of Taiwan DRG on Hospital Utilization”
Sept, 2009	Dry Lab Research Center, Taipei Medical University, Taipei “Search Research Subjects from National Claim Data Set”
Nov, 2009	International Conference on Geriatric Syndrome Studies, Center



	for Geriatrics and Gerontology, Taipei “Pathways Between Chronic Disease, Disability and Depression.
Dec, 2009	Taiwan Respiratory Therapist Association Annual Meeting, Taipei “Patient Safety From Hospital Accreditation Perspective”
April, 2010	Chung-Kung Memorial Healthcare System, Taipei “Use Balanced Scorecard to Improve Hospital Overall Performance”
April, 2010	E-Da Hospital, Kaohsiung “ Taiwan Diagnostic Related Groups (DRGs) impact on Hospital Operation”
May, 2010	Kaohsiung Ta-Tung Municipal Hospital, Kaohsiung “Use statistical process control methods to improve quality management”
Dec, 2010	National Cheng Kung University, Institute of Gerontology and Geriatrics, Tainan “Service Quality of Long-term Care Gatekeeper Center: From Providers and Customers’ Perspective”
Jan, 2011	Department of Healthcare Management, Chang Jung Christian University, Tainan “Use Balanced Scorecard to Improve Hospital Overall Performance”
March, 2011	Chi-Mei Medical Center, Tainan “Taiwan Diagnostic Related Groups Impact on Hospital Operation and Management”
Sept 2011	Kaohsiung Medical University Hospital, Kaohsiung “From Surveyor Perspective to Review Hospital Operation and Quality Care
Dec. 2011	Ming-Chun University, Taiyuan “Taiwan Hospital, Yesterday, Today and Tomorrow”
March, 2012	School of Medicine, Virginia Common University, Richmond, Virginia, USA “Taiwan National Health Insurance: Contrast and Comparisons”
May, 2012	University of University Programs in Health Administration (AUPHA) Annual Conference, Minneapolis, MN, USA “Healthcare Education program in Taiwan
Sept. 2012	Chi-Mei Medical Center, Tainan Analyses and Presentation: How To Make Your Paper More Readers’ Friendly”

Nov. 2012	2012 Healthcare Word Asia Convention, Singapore “Uncovering Critical Factors to Enhance Your Procurement and Inventory System”
Dec. 2012	Kaohsiung Veteran General Hospital, Kaohsiung Hospital Operational Management Strategies under Taiwan-DRGs Payment System
May, 2013	Kaohsiung SK Municipal Hospital, Kaohsiung “Adopt Balanced Scorecard to Improve Hospital Overall Performance”
Oct. 2013	National Cheng Kung University Hospital, Tainan “Adopt Balanced Scorecard to Improve Hospital Overall Performance”
Oct. 2013	E-Da Hospital, Kaohsiung “Hospital Core Value and Visions as Hospital Management Strategies”
Feb. 2014	Management Workshop for Chairs and Directors, Kaohsiung Medical University Apply Balanced Scorecard as management strategies for University
Oct. 2014	Ministry of Health and Social Welfare Ping-Tung Hospital, Ping-Tung “Document Management to Hospital Operation: Prepare for Hospital Accreditation Survey”
Nov. 2014	Taiwan Joint Commission of Hospital Accreditation, Workshop on Medical Center Missions, Taipei “The Reconstruction of Taiwan Medical Center Missions”