

Curriculum Vitae

Date Prepared: January 22, 2019
Name: Ji Won Yoo, MD, MS
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Place of Birth: Seoul, Korea

Education:

1994-2000	MD	Medicine	Korea University College of Medicine, Seoul, Korea
2003-2005	MS	Biostatistics	Korea University College of Medicine, Seoul, Korea

Postdoctoral Training:

2000-2001	Intern, Internal Medicine	Korea University Medical Center, Seoul, Korea
2005-2008	Residency, Internal Medicine	Cleveland Clinic Foundation, Cleveland, Ohio
2008-2011	Fellowship, Geriatric Medicine	University of Michigan, Ann Arbor, Michigan

Faculty Academic Appointments:

2013-2015	Assistant Professor	University of Wisconsin School of Medicine and Public Health
2015-2017	Assistant Professor	University of Nevada Reno School of Medicine
2017-	Assistant Professor	University of Nevada Las Vegas School of Medicine

Funding Projects:

Current

2018-2020 Patient-Centered Outcome Research Institute Eugene Washington Community Engagement (PI: Jay J. Shen, School of Public Health) \$250,000
Role: Co-investigator Person months 0.6 (5% of a 12-month calendar appointment)

Title: Engaging Asian communities in palliative care in Nevada

Objectives: To develop sustainable community stakeholder partnerships and infrastructure to increase awareness/knowledge and informed decision making regarding palliative care and advance care planning in the Asian community in southern Nevada.

2018-2019 UNLV Research and Economic Development Faculty Opportunity Award

(PI: Seong-Min Park, Greenspun College of Urban Affairs) \$20,000

Role: Co-investigator Person months 1.2 (10% of a 12-month calendar appointment)

Title: Displace or Displace? The effect of medical and recreational marijuana decriminalization on opioid abuse and other substance-related crimes.

Objectives: To examine effects of medical or/and recreational marijuana decriminalization on prescribed and illicit opioid abuse-related hospitalization and substance-related crimes in selected states in the United States.

2019-2020 Nevada State Governor's Office of Science, Innovation and Technology

(PD: Ji Won Yoo) \$722,346

Role: Program Director Person months 3.6 (30% of a 12-month calendar appointment)

Title: Geriatric Fellowship Development

Objectives: To meet growing health care needs in state of Nevada, Governor's

Office supports development of geriatrics fellowship under graduate medical education office, UNLV School of Medicine.

Under review

2019-2024 Health Resources & Services Administration (PD: Ji Won Yoo) \$35,730,000

Role: Program Director Person months 3.6 (30% of a 12-month calendar appointment)

Title: Nevada Interprofessional Healthy Aging Network

Objectives: To improve health outcomes of older adults in Las Vegas by narrowing gaps of primary care providers workforce and to provide value-based care as interprofessional collaboration.

Past

2010-2012 Detroit Aging Area Agency (PI: James/Fries) (\$78,416)

Title: Quality improvement project in nursing home residents in Detroit

Role: Co-investigator

2013-2015 Aurora Senior Services Pilot Research Grant

PI (\$25,000)

Title: Identification of high-risk readmission among older adults with heart failure using
electronical health record system

2015-2017 University of Nevada Reno School of Medicine Faculty Career Development Award

PI (\$5,000)

Title: From bench to bedside: Applying comparativeness effectiveness in practice of
medicine

2015-2018 Patient-Centered Outcome Research Institute Pipeline to Proposal Awards

(PI: Shen) (\$90,000)

Role: Co-project investigator

Title: Engaging patients with life-limiting illnesses on receiving palliative care in
Las Vegas

Honors and Prizes:

1997-1999	Scholarship	Korea University College of Medicine	Academic achievement
2005	Scholarship	Korea University College of Medicine	Academic achievement
2010	Young Investigator Award	American Geriatrics Society	Research abstract
2012	Travel Award	American Public Health Association	
2014	Community Leader Award	Korean American Medical Doctors Association	
2018	Travel Award	University of Nevada Las Vegas	

Professional Societies:

2007- American Geriatrics Society
2010- American Public Health Association
2015- American College of Physicians
2017- AcademyHealth

Editorial Activities:

Ad hoc Journal Reviewer:

Clinical journals (American Journal of Medicine, British Medical Journal, Circulation: Cardiovascular Quality and Outcomes, Clinical Transplantation, Journal of the American Geriatrics Society, Journal of the American Medical Directors Association, JAMA Cardiology, JAMA Internal Medicine, Journal of Palliative Medicine, Journal of Thoracic Oncology)

Public health journals (American Journal of Public Health, BMC Health Service Research)

Teaching and Training:

Teaching of Students in Courses:

2009-2011	Geriatrics Medicine Bench to Bedside 4th year medical students	University of Michigan Medical School Two 1-hour session per year
2013-2015	Acute Care for the Elderly 4th year medical students	University of Wisconsin School of Medicine and Public Health Four 2-hour session per year
2015-	Medication Use in Hospital 3rd year medical students	University of Nevada Reno School of Medicine Six 2-hour session per year

Formal Teaching of Residents, Clinical and Research Fellows (post-docs):

2019-2011	Health Service Research in Aging Geriatrics Fellow	University of Michigan Medical School 1 st year One 1-hour lecture per year
2013-2015	Geriatrics Fellow Journal Club Geriatrics Fellow	University of Wisconsin School of Medicine and Public Health Eight 1-hour preceptor per year
2015-	Morning Report/Academic Half Day Internal/Family Medicine/Psychiatrics	University of Nevada Reno School of Medicine Twelve 1-hour preceptor per year

Clinical Supervisory and Training Responsibilities:

2010-2011	Geriatrics Inpatient Consult 1 st year Geriatrics Fellow	Veterans Affairs Ann Arbor Medical Center Six weeks per year
2013-2015	Geriatrics Inpatient Consult Geriatrics Fellow	Aurora Health Care Twelve weeks per year
2015-	Medicine Inpatient Internal Medicine Resident	University Medical Center of Southern Nevada Twenty weeks per year

2015- Ambulatory Patient Care Center
Internal Medicine Resident One day per week

Formally Mentored Medical and Graduate Students:

2015- Xibei Liu, MD University of Nevada Reno School of Medicine
Accomplishment: Ten leading authored publications, clinical research award application, graduate training (Department of Medicine, University of Arizona College of Medicine, Tuscon, AZ)

2017- Johnson Ukken, MS University of Nevada Reno School of Medicine
Accomplishment: One leading and six co-authored publications, extramural scholarship award

Other Mentored Trainees and Faculty:

2007-2014 Shunichi Nakagawa, MD Cleveland Clinic Foundation, Cleveland, OH
Accomplishment: Seven coauthored publications, career development research award, faculty position (Assistant Professor, Hospice and Palliative Medicine, Columbia University College of Physicians and Surgeons)

2009-2015 Sun Jung Kim, PhD University of Michigan School of Public Health
Accomplishment: Four leading authored publications, seven co-authored publications, faculty position (Assistant Professor, Soon Chun Hyang University College of Health Administration and Management, Asan, Korea)

2015- Mohamed Azab, MD University of Nevada Las Vegas School of Medicine
Accomplishment: Three leading authored publications, graduate training (Gastroenterology, Loma Linda University School of Medicine, CA)

2017- Yong-Jae Lee, MD, PhD Yonsei University College of Medicine, Seoul, Korea
Accomplishment: Five co-authored publications, faculty opportunity award, visiting scholar (UNLV School of Public Health, sponsor is Jay J. Shen, PhD)

2018- Sung Youn Chun, PhD Yonsei University College of Medicine, Seoul, Korea
Accomplishment: Five co-authored publications, Korean Medical Association award, visiting scholar (UNLV School of Public Health, sponsor is Jay J. Shen, PhD)

2018- Jinwook Hwang, MD, PhD Korea University College of Medicine, Seoul, Korea
Accomplishment: Three co-authored publication, visiting scholar (UNLV School of Public Health, sponsor is Jay J. Shen, PhD)

National and International Invited Teaching and Presentations

International:

2018 Time trends of palliative care and life-sustaining treatment in U.S. hospitals using a national dataset and its clinical and policy implications
Korean Society for Hospice and Palliative Care, Bundang, Korea

Program All-inclusive Care for the Elderly (PACE) program: Lessons from US health housing program for the community-dwelling elderly
Seoul Colloquium, Seoul Institute, Seoul, Korea

Aging in place: Lessons from US health system and oral health among older adults
Seoul National University School of Dentistry, Seoul, Korea

2016 Long-Term Health Care and System in U.S.
Korean Clinical Geriatrics Society, Seoul, Korea

National:

2010 Delirium and Health Outcomes Among Hospitalized Older Adults with Pneumonia,
American Geriatrics Society, Washington D.C.

2011 Advance Care Planning in Intensive Care Unit, American Academy of Hospice and Palliative Medicine, Vancouver

2015 Risk Identification of Hospital Readmission Among Older Adults with Heart Failure,
American Geriatrics Society, National Harbor, MD

2017 Palliative Care in Life-Limiting Patients in Las Vegas. Patient-Centered Outcome Research Institute, Chicago, IL

Regional:

- 2016 End of life symposium (organizer and presenter)
Literacy, cultural sensitivity, life-expectancy estimation, social cohesion.
Heath Law program, University of Nevada Las Vegas William Boyd School of Law
- 2018 Opioid epidemics in the nation and state of Nevada (moderator and presenter)
Health outcomes, care utilization, and policy implications.
Heath Law, University of Nevada Las Vegas William Boyd School of Law
- Global health forum (presenter):
Tooth implant for the elderly: a 3-year experience under the universal health system in Korea.
Research week, University of Nevada Las Vegas School of Public Health

Current Licensures and Certification:

- 2000 Korean Medical License
- 2004 Educational Commission for Foreign Medical Graduate Certificate
- 2008 American Board of Internal Medicine
- 2009 American Board of Internal Medicine-Geriatric Medicine
- 2015 Nevada State Medical Examiner-Full License

Publications in Print or Other Media:

Zaramo CE, Morton T, **Yoo JW**, Bowen GR, Modlin CS. Culturally competent methods to promote organ donation rates among African-Americans using venues of the Bureau of Motor Vehicles.

Transplantation Proceedings. 2008; 40:1001-1004. PMID: 18555099. SCI Impact Factor 0.982 (2014)

Yoo JW*, Nakagawa S, Kim S. Integrative palliative care, advance directives, and hospital outcomes of critically ill older adults. *American Journal of Hospice & Palliative Care*. 2012; 29: 655-662. PMID: 22310025. SCI Impact Factor 1.383 (2014)

Yoo JW*, Nakagawa S, Kim S. The relationships between advance directives, principal diagnoses, and discharge outcomes in community dwelling, critically ill older adults. *Palliative & Supportive Care*. 2012;15: 1-8. PMID: 22892195. SCI Impact Factor 1.211 (2014)

Yoo JW*, Nakagawa S, Kim S. The effect modification of supplemental insurance on the relationship between race and bone mineral density screening in female Medicare beneficiaries. *Journal of Immigrant and Minority Health*.2013; 14:912-917. PMID: 22535021. SCI Impact Factor 1.482 (2014)

Yoo JW*, Kim S, Nakagawa S. Delirium and transition to a nursing home of hospitalized older adults: a controlled trial of assessing the interdisciplinary team-based "geriatric" care and care coordination by non-geriatrics specialist physicians. *Geriatrics and Gerontology International*. 2013; 13:342-350. PMID: 22762723. SCI Impact Factor: 2.188 (2014)

Yoo JW*, Kim S, Choi JH, Ryu WS. Intensified rehabilitation therapy and transitions to skilled nursing facilities in community-living seniors with acute medical illnesses. *Geriatrics Gerontology International*.2013; 13:547-554. PMID: 22963368. SCI Impact Factor: 2.188 (2014)

Yoo JW*, Kim S, Nakagawa S. Effects of reimbursement reductions and supplementary health insurance on bone mineral density testing for female Medicare beneficiaries. *Journal of Women's Health (Larchmt)*.2012; 21: 1144-1148. PMID: 22966834. SCI Impact Factor: 2.050 (2014)

Yoo JW*, Kim S, Choi JH, Choi JB, Min TJ, Ryu WS, Kwon M, Yang JM, Kim SJ, Nakagawa S. Effects of an internal medicine interdisciplinary team on hospital and clinical outcomes of seniors with acute medical illness. *Geriatrics Gerontology International*. 2013; 13: 942-948. PMID: 23441847. SCI Impact Factor: 2.188 (2014)

Yoo JW*, Choi JB, Kim SJ, Shin HP, Kim K, Ryu WS, Min TJ, Kim S, Nakagawa S. Factors associated with remaining in a skilled nursing facility for over 90 days from admission: Residents' participation in therapy and desire to return to the community. *Journal of the American Medical Directors Association*. 2013; 14:710. e1-4. PMID: 23860264. SCI Impact Factor: 4.939 (2014)

Yoo JW*, Kim S, Kim SJ, Ryu WS, Min TJ, Choi JB, Nakagawa S. Effects of health insurance on racial disparity in female seniors' osteoporosis drug therapy adherence. *Journal of the American Pharmacists Association*. 2013; 53:626-31. SCI Impact Factor: 1.238 (2014)

Yoo JW*, Seol H, Kim SJ, Yang J, Kwon M, Ryu WS, Min TJ, Choi, JB, Kim S. Effects of hospitalist-directed interdisciplinary medicine floor service on hospital outcomes for seniors with acute medical illness. *Geriatrics Gerontology International*. 2014; 14:71-7. PMID: 23531144. SCI Impact Factor: 2.188 (2014)

Yoo JW*, Kim SJ, Geng Y, Shin HP, Nakagawa S. Quality and innovations for caring hospitalized older persons in the United States. *Aging & Disease*. 2013; 5: 41-51. PMID: 24490116. SCI Impact Factor: 3.07 (2014)

Kim SJ, Park E, Kim S, Nakagawa S, Lung J, Choi JB, Ryu WS, **Yoo JW***. The association between quality of care and quality of life in long-stay nursing home residents with preserved cognition. *Journal of the American Medical Directors Association*. 2014; 15: 220-225. PMID: 24355078. SCI Impact Factor: 4.939 (2014)

Kim SJ, Lee JH, Nakagawa S, Bukowy E, Biswas A, Han B, Cho Y, Shin HP, **Yoo JW***. Predictors of hospitalization among newly admitted skilled nursing facility residents: rethinking the role of the functional decline. *Journal of Patient-Centered Research Review*. 2014; 1: 70-76

Lee JH, Kim SJ, Lam J, Nakagawa S, Kim S, **Yoo JW***. The effects of shared situational awareness on functional and hospital outcomes of hospitalized older adults with heart failure. *Journal of Multidisciplinary Healthcare*. 2014; 7: 259-265. PMID: 25061316.

Kim SJ, Lee JH, Kim S, Nakagawa S, Bertelson H, Lam J, **Yoo JW***. Associations between the 2007 Medicare reimbursement reduction for bone mineral density testing and osteoporosis drug therapy patterns of female Medicare beneficiaries. *Patient Preference & Adherence*. 2014; 8: 909-915. PMID: 25028539. SCI Impact Factor: 1.676 (2014)

Kim SJ, **Yoo JW**, Lee SG, Kim TH, Han KT, Park EC. Governmental designation of spine specialty hospitals, their characteristics, performance and designation effects: a longitudinal study in Korea. *BMJ Open*. 2014; 4: e006525. SCI Impact Factor: 2.271 (2014)

Kim SJ, Lee JH, Nakagawa S, Han B, Lam J, Bukowy E, Rao A, Bertelson H, Shin HP, Kim S, **Yoo JW***. Effects of hospital-based physical therapy on hospital discharge outcomes among hospitalized older adults with pneumonia and declining physical function. *Aging and Disease*. 2015; 6: 174-9. PMID: 26029475. SCI Impact Factor: 3.07 (2014)

Kim SJ, Park EC, Kim TH, **Yoo JW**, Lee SG. Mortality, length of stay, and inpatient charges for heart failure patients at public versus private hospitals in South Korea. *Yonsei Med J*. 2015; 56: 853-861. PMID: 25837196. SCI Impact Factor: 1.287 (2014)

Yoo JW*, Jabeen S, Bajwa T, Kim SJ, Hasan L, Leander D, Punke J, Soryal S, Khan A. Hospital Readmission of Skilled Nursing Facility Residents: A Systematic Review. *Research in Gerontological Nursing* 2015; 8: 148-156. PMID: 25710452. SCI Impact Factor: 1.024 (2014)

Kim YS, Kim WY, Kim YH, **Yoo JW**, Min TJ. The protective effect of hydromorphone to ischemia in rat glial cells. *Springerplus*. 2016;5:610. PMID: 27247906. SCI Impact Factor: 0.982 (2015)

Hasan M, Malalur P, Agastya M, Malik AO, Dawod Y, Jaradat M, **Yoo JW**, Makar R. A high-value cost conscious approach to minimize heparin induced thrombocytopenia antibody (HITAb) testing using the 4T score. *Journal of Thrombosis & Thrombolysis*. 2016; 42: 441-446. PMID: 27377975. SCI Impact Factor: 1.884 (2015)

An J, Lee Y, Park WY, Park S, Park H, **Yoo JW**, Choi JB. Variations in the distance between the cricoid cartilage and targets of stellate ganglion block in neutral and extended supine positions: an ultrasonographic evaluation. *Journal of Anesthesia*. 2016; 30: 999-1002. PMID: 27503111. SCI Impact Factor: 1.34 (2015)

Jaradat M, Shetty K, Hasan M, Malik AO, Shawo A, Ahsan C, **Yoo JW***. Beta-blockers do not provide survival benefit in a population with angiographic coronary artery disease without myocardial infarction

or reduced ejection fraction: A meta-analysis. *International Journal of Cardiology*. 2016; 223:976-980. PMID: 27591695. SCI Impact Factor: 4.68 (2015)

Liu X, Han K.T., Yamashita T, **Yoo JW***. Long-term care practice and health policy in US. *Korean Journal of Clinical Geriatrics*. *Korean Journal of Clinical Geriatrics*. 2017;18:1-7. eISSN: 2383-5699

Lee JL, Liu X, **Yoo JW***. More health outcomes analysis from more representative population data is necessary prior to bronchial genomic classifier application in real practice. *Journal of Thoracic Oncology*. 2017;12:e151-152. PMID: 28838720 SCI Impact Factor: 6.59 (2016)

Wonnapharhown A, Shafi A, Liu X, Villamagna A.H., Lee M, Nakagawa S, **Yoo JW***. Clinical implications quality of evidence in meta-analysis about effects of palliative care in critically ill patients in the intensive care unit. *Palliative & Supportive Care*. 2017;15:513-515. PMID: 28162124. SCI Impact Factor: 2.33 (2015)

Liu X, Dawod Y, Wonnapharhown A, Shafi A, Doo L, Ko E, Choi YS, **Yoo JW***. Hospital palliative care effects on hospital length of stay and in-hospital mortality rate: A systematic review and meta-analysis. *Palliative & Supportive Care*. 2017;15:741-752. PMID: 28196551. SCI Impact Factor: 2.33 (2015)

Malik AO, Abela O, Allenback G, Devabhaktuni S, Lui C, Singh A, Diep J, Yamashita T, **Yoo JW**, Malhotra S, Ahsan C. ST-segment elevation myocardial infarction, systems of care. An urgent need for policies to co-ordinate care in order to decrease in-hospital mortality. *International Journal of Cardiology*. 2017;240:82-86. PMID: 28256327. SCI Impact Factor: 4.68 (2015)

Liu X, Villamagna A.H., **Yoo JW***. The importance of recognizing cannabinoid hyperemesis syndrome from synthetic marijuana use. *Journal of Medical Toxicology*. 2017;13:199-200. PMID: 28353201. SCI Impact Factor: 1.91 (2015)

Azab M, Doo L, Doo DH, Elmofti Y, Ahmed M, Cadavona J, Liu X, Shafi A, Joo MK, **Yoo JW***. Hospital-acquired *Clostridium difficile* infection risk comparisons, proton pump inhibitor vs histamine-2 receptor antagonist, for prophylaxis and treatment of stress ulcers. *Gut & Liver*. 2017;11:781-788. PMID: 28506028. SCI Impact Factor: 2.67 (2015)

Liu X, Villamagna A.H., **Yoo JW***. Sustainable affordability of Otago exercise in the U.S. healthcare system. *Osteoporosis International*.2017;28:2733-2734. PMID: 28523444. SCI Impact Factor: 3.53 (2015)

Liu X, Lee JL, **Yoo JW***. More benefits from interrupted time series in evaluating recent market release of DAAs and state Medicaid reimbursement program. *Clinical Gastroenterology & Hepatology*. 2017;15:1813. PMID: 28602973. SCI Impact Factor: 7.68 (2015)

Liu X, Lee JL, **Yoo JW***. Societal perspectives and patient/public involvement in DAAs coverage of hepatitis C treatment in the U.S. *Clinical Gastroenterology & Hepatology*. 2017;15:1814-1815. PMID: 28606844. SCI Impact Factor: 7.68 (2015)

Al-Shammari M, Herrera K, Liu X, Yamashita T, Azab M, Maklad M, Farooqui M.T., Makar R, **Yoo JW***. Effects of 2009 federal liberalization of medical cannabinoid possession on hospital utilization due to cannabinoid dependency and persistent vomiting in the United States. *Clinical Gastroenterology & Hepatology*. 2017;15:1876-1881. PMID: 28602973. SCI Impact Factor: 7.39 (2016)

Liu X, Shin HP, **Yoo JW***. More sensitivity analysis of Share 35, human immunodeficiency virus co-infection, delist, hospital cost on cost effectiveness of direct-acting antiviral agents for liver transplant hepatitis C virus patients. *Clinical Gastroenterology & Hepatology*. 2017;15:1979-1981. PMID: 28826914. SCI Impact Factor: 7.39 (2016)

Babary H, Liu X, Ayatollahi Y, Chen X.P., Doo L, Uppaluru L.K., Kulaga C, Modjinou D, Olec O, **Yoo JW***. Favorable effects of hydroxychloroquine on serum low density lipid concentration in patients with systemic lupus erythematosus: A systematic review and meta-analysis. *International Journal of Rheumatologic Disease*. 2018;21:84-92. PMID: 28884965. SCI Impact Factor: 2.62 (2016)

Kim P, Shen JJ, Lee YJ, Kim SJ, Liu X, **Yoo JW***. Alternate trends estimate and stakeout synthetic marijuana use. *American Journal of Medicine*. 2017;130:e563-e564. PMID: 29173950. SCI Impact Factor: 5.55 (2016)

Liu X, Shen JJ, Lee JL, **Yoo JW***. Cost-effective, but, unaffordable and unequal in hepatitis C treatment in the U.S. *American Journal of Gastroenterology*. 2017;112:1749. PMID: 29109499. SCI Impact Factor: 9.56 (2016)

Lee JL, Liu X, **Yoo JW***. Education and healthcare system effects on tooth and dementia incidence in later life. *Journal of the American Geriatrics Society*. 2017;65:e141. PMID: 28921515. SCI Impact Factor: 4.38 (2016)

Hong S, Park EC, Kim TH, Kwon JA, Yoo KB, Han KT, **Yoo JW**, Kim SJ. Effect of pre-existing respiratory conditions on survival of lung cancer patients: A nationwide population-based cohort study. *Asian Pacific Journal of the Clinical Oncology*. 2018;14:e71-e80. PMID: 28762660. SCIE Impact Factor: 1.494 (2017)

Liu X, Elmofti Y, Kulaga C, Gisi B, **Yoo JW***. Societal perspectives' analysis for evaluating direct-acting antivirals affordability while awaiting liver transplant. *Hepatology*. 2018;67:450. PMID: 28960417. SCIE Impact Factor: 14.079 (2017)

Liu X, Shen J, Lee YJ, Kim SJ, Kwak MK, **Yoo JW***. Necessity of time series analysis and effects of direct-acting antivirals on HCV patients awaiting liver transplantation. *Journal of Hepatology*. 2018;68:628-629. PMID: 28939131. SCIE Impact Factor: 15.040 (2017)

Azab M, Shah S, Liu X, Ukken K, Froehlich M, Shafi A, Al Dawoodi T, Liu C, Shin HP, **Yoo JW***. Extended DAA indications for hepatitis C patients awaiting liver transplantation and further statistical considerations. *Journal of Hepatology*. 2018;68:626-627. PMID: 29079290. SCIE Impact Factor: 15.040 (2017)

Sonoo V, Liu X, Kumar JV, Eisert J, Froehlich M, Ukken J, **Yoo JW***. Alternative time series analysis and potential effects of Center for Medicare & Medicaid Services' hospital readmission reduction program. *American Journal of Gastroenterology*. 2018;113:144. PMID: 29311731. SCIE Impact Factor: 10.231 (2017)

Azab M, Shah S, Liu X, Shafi A, Al Dawoodi T, Elmofti Y, Froehlich M, Ukken J, **Yoo JW***. Necessity of interrupted time series analysis in evaluating the impact of PHS risk identification and introduction of

direct-acting antiviral therapy and Share 35 implementation. *Transplantation*. 2018;102:e122-e123.

PMID: 29319614. SCIE Impact Factor: 3.960 (2017)

Ukken J, Froehlich M, Kioka M, Romero A, Lee YJ, Liu X, Liu C, **Yoo JW***. Effects of advanced care planning on reduced mortality, implications of blood transfusion use by ICU sites, and further statistical considerations. *Chest*. 2018;153:284-285. PMID:29307423. SCI Impact Factor: 7.652 (2017)

Oh B, Han DH, Han KT, Liu X, Ukken J, Chang C, Dounis K, **Yoo JW***. Association between residual teeth number in later life and incidence of dementia: A systematic review and meta-analysis. *BMC Geriatrics*. 2018;18:48. PMID:29454307. SCIE Impact Factor: 2.866 (2017)

Sonoo V, Kumar JV, Liu X, Ukken J, Froehlich M, **Yoo JW***. Necessity of more sensitivity analyses and interpretations from public health perspectives. *Hepatology*. 2017 Sep 18 [Epub ahead print] PMID: 28921652. SCIE Impact Factor: 14.079 (2017)

Tammineedi DS, Eisert J, Ukken J, Froehlich M, Azab M, Liu X, **Yoo JW***. More extended indication of DAA therapy in patients with HCC, affordability, and further statistical considerations. *Journal of Hepatology*. 2017 Sep 25. [Epub ahead print] PMID: 28958883. SCIE Impact Factor: 15.040 (2017)

Caseja AJ, Ukken J, Froehlich M, Babary H, Lee YJ, **Yoo JW***. Necessity for interrupted time series to analyze the effects of propoxyphene withdrawal from the market and health outcome trend estimates. *Arthritis & Rheumatology*. 2018;70:794-795. PMID:29439294. SCIE Impact Factor:7.873 (2017)

Kim SJ, Shen J, Ko E, Kim P, Lee YJ, Lee JH, Liu X, Ukken J, Kioka M, **Yoo JW***. Life-sustaining procedures, palliative care, and cost trends in dying COPD patients in U.S. hospitals: 2005-2014. *Korean Journal of Hospice & Palliative Care* 2018;21:1-10.

Shen JJ, Ko E, Kim P, Kim SJ, Lee YJ, Lee JH, **Yoo JW***. Life-sustaining procedures, palliative care consultation, and Do-Not Resuscitate status in dying COPD patients in U.S. hospitals:2010-2014. *Journal of Palliative Care*. 2018;33:159-166. PMID:29807480. SCIE Impact Factor:0.882 (2017)

Han KT, Kim SJ, Kim SJ, **Yoo JW**, Park EC. Do reduced copayments affect mortality after surgery due to stroke? An interrupted time series analysis of a national cohort sampled in 2003-2012. *Journal of*

Stroke and Cerebrovascular Disease. 2018;27:1502-1510. PMID:29467088. SCIE Impact Factor:1.598 (2017)

Tiwari S, Ukken J, Froehlich M, Hwang JW, Min TJ, Yu W, Kioka M, **Yoo JW***. Necessity of additional sensitivity analysis and the clinical implications of risk identification with nonventilator hospital-acquired pneumonia. *American Journal of Infection Control*. 2018;46:846-847. PMID:29653765. SCIE Impact Factor:1.929 (2017)

Khullar N, Ukken J, Froehlich M, Caseja AJ, Yamashita T, Liu X, **Yoo JW***. Social determinants of mortality in U.S. lupus patients. *Arthritis Care & Research (Hoboken)*. 2018 Apr 2. [Epub ahead print] PMID:29609225. SCI Impact Factor:4.149 (2017)

Ayatollahi Y, Liu X, Namazi A, Jaradat M, Yamashita T, Shen J, Lee YJ, Kim SJ, **Yoo JW***. Early readmission risk identification for hospitalized older adults with decompensated heart failure. *Research In Gerontological Nursing*. 2018;11:190-197. PMID:29634848. SCIE Impact Factor:0.855 (2017)

Lee YS, Kim WY, **Yoo JW**, Jung HD, Min TJ. Correlation between regional tissue perfusion saturation and lactate level during cardiopulmonary bypass. *Korean Journal of Anesthesiology*. 2018 Apr 25. [Epub ahead print] PMID:29690753.

Son DH, **Yoo JW**, Cho MR, Lee YJ. Relationship between handgrip strength and pulmonary function in apparently healthy older women. *Journal of the American Geriatrics Society*. 2018;66:1367-1371. PMID:29875797. SCIE Impact Factor:4.155 (2017)

Choi H, Yoem H, Chun SY, **Yoo JW***. Hepatitis C screening in opioid epidemics in the United States and societal perspectives. *Liver International* 2018;38:1330. PMID:29781572. SCIE Impact Factor: 4.500 (2017)

Liu X, Shen JJ, Kim P, Park S, Lee YJ, Pan JJ, Azab, Choi H, Yeom H, **Yoo JW***. Hepatitis C infection screening and management in opioid use in the United States. *American Journal of Medicine*. 2018;131:1276-1278. SCIE Impact Factor: 5.117 (2017)

Liu X, Ayatollahi Y, Yamashita T, Jaradat M, Shen JJ, Kim SJ, Chun SY, Lee YJ, Hwang J, Yeom H, Upadhyay S, **Yoo JW***. Health literacy and mortality in patients with heart failure: A systematic review

and meta-analysis. *Research In Gerontological Nursing*. 2018 Dec 12. [Epub ahead print]

PMID:30540872. SCIE Impact Factor:0.855 (2017)

Mashiana HS, Dhailwal AS, Sayles H, Dhindsa B, **Yoo JW**, Wu Q, Singh S, Siddiqui AA, Ohning G, Giortra M, Adler DG. *World Journal of Gastrointestinal Endoscopy*. 2018 Nov 16. [Epub ahead print]

PMID:30487946.

Lee YJ, **Yoo JW**, Hua L, Kim PC, Kim SJ, Shen JJ. Ten-year trends of palliative care utilization associated with multiple sclerosis patients in the United States from 2005 to 2014. *Journal of Clinical Neuroscience*. 2018;58:13-19. PMID:30454687. SCIE Impact Factor: 1.640 (2017)

Shen JJ, Shan G, Kim PC, **Yoo JW**, Dodge-Francis C, Lee YJ. Trends and related factors of cannabis-associated emergency department visits in the United States:2006-2014. *Journal of Addiction Medicine*.

PMID:30418337. SCIE Impact Factor: 2.406 (2017)

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Narrative Report:

I am a clinician and health service researcher with a long-term goal to improve decision-making processes and outcomes for vulnerable adults who can easily lose their healthy and happy lives. As a primary care physician and geriatrician, I provide both ambulatory and inpatient care services. I also participate in various formal and informal clinical research mentoring activities for medical students, postgraduate trainees, and visiting scholars at University of Nevada Las Vegas School of Medicine and School of Public Health. My respectful academic mentors are Professors Jay J. Shen, PhD, at School of Public Health and Georgia Dounis, DDS, at School of Dental Medicine, both at University of Nevada Las Vegas as well as Professor Yong-Jae Lee, MD, at Yonsei University College of Medicine, Seoul, Korea.

Health outcomes of vulnerable adults are determined by social determinants such as wealth deprivation and epidemiologic trends. My research interest focuses on empirical assessment of health outcomes and social determinants of vulnerable adults struggling with opioid crisis epidemics using the

state and national dataset. The stream of work aims to understand responsiveness and behaviors impacted by concurrent health policies such as the Medicaid expansion and cannabis legalization. I am also specialized in community engagement of promoting palliative care for Asian Americans with life-limiting illnesses in Nevada with the uninterrupted funding support from the Patient-Centered Outcome Research Institute since 2016.

Unmet needs of trained workforce for caring older adults still exists in Southern Nevada. To narrow these gaps, as a geriatrics board-certified physician, I develop partnerships between academic and community-based organizations to promote age-friendly health systems and dementia-friendly communities, so-called “aging in place”. Thankfully, Governor’s Office funded the University of Nevada Las Vegas School of Medicine to open geriatrics fellowship program where I will serve as program director.