

James C. Torner
Professor

EDUCATION

The University of Iowa, Iowa City, IA	BS	1971	General Science
The University of Iowa, Iowa City, IA	MS	1974	Biostatistics
The University of Iowa, Iowa City, IA	PhD	1984	Epidemiology

RESEARCH AND ACADEMIC APPOINTMENTS

1984-88	Assistant Professor, Department of Neurosurgery, University of Virginia
1984-91	Director, Brain Injury Research Program, Department of Neurosurgery, University of Virginia
1984-91	Associate Director, Epidemiologic Studies Program, Center for the Prevention of Disease and Injury, University of Virginia
1987-90	Assistant Professor, Center for the Prevention of Disease and Injury, University of Virginia
1988-91	Associate Professor, Department of Neurosurgery, University of Virginia
1990-91	Associate Professor of Neurosurgery and Internal Medicine, University of Virginia
1991-03	Director, Preventive Intervention Center, Department of Preventive Medicine, The University of Iowa
1991-93	Associate Professor, Department of Preventive Medicine and Environmental Health, The University of Iowa
1991-99	Division Head, Division of Epidemiology, Dept. of Preventive Medicine, The University of Iowa
1993-99	Professor, Department of Preventive Medicine and Environmental Health, The University of Iowa
1993-	Associate Director, Injury Prevention Research Center, Training and Acute Care Cores, The University of Iowa
1999-17	Professor and Head, Department of Epidemiology, College of Public Health, The University of Iowa
2000-	Professor (Secondary Appointment), Department of Surgery, College of Medicine, The University of Iowa
2005-	Professor (Secondary Appointment), Department of Neurosurgery, College of Medicine, The University of Iowa
2006-10	Co-Director, Preventive Intervention Center, Dept. of Epidemiology, The University of Iowa
2007-10	Associate Director, Institute for Clinical and Translational Science, The University of Iowa
2010-	Faculty, Interdisciplinary Graduate Program in Informatics
2010-16	Senior Associate Director, Institute for Clinical and Translational Science, The University of Iowa
2016-	Associate Director for Recruitment and Patient Engagement, Institute for Clinical and Translational Science, The University of Iowa

PROFESSIONAL ORGANIZATIONS

Society for Epidemiologic Research, Society for Clinical Trials, Research Committee on Neuroepidemiology of World Federation of Neurology, American Heart Association (Stroke Council) [Fellow], Cardiovascular Epidemiology Council, American Academy of Neurology, American College of Epidemiology (Fellow), Society for Clinical and Translational Science.

HONORS AND AWARDS

1985	American Heart Association, Stroke, Fellow
1996	American College of Epidemiology, Fellow
2006	Member, Alpha Phi Chapter of the Delta Omega Society (an honorary public health society)
2008	Faculty Research Award, University of Iowa College of Public Health
2011	CPH Distinguished Faculty Lecturer
2014	CPH Outstanding Alumni Award
2017	Tom Foley Iowa Trauma System Achievement Award, ACS Iowa Committee on Trauma
2017	Elected as a member of the Board of the American College of Epidemiology

PUBLICATIONS (publications in the last 5 years)

1. Goossen RP, Summers KM, Ryan GL, Mengeling MA, Booth BM, Torner JC, Syrop CH, Sadler AG (2019). Ethnic Minority Status and Experiences of Infertility in Female Veterans. *Journal of women's health (2002)*, 28(1):63-68. PMID: 30481107
2. Misra D, Fielding RA, Felson DT, Niu J, Brown C, Nevitt M, Lewis CE, Torner J, Neogi T (2019). Risk of Knee Osteoarthritis With Obesity, Sarcopenic Obesity, and Sarcopenia. *Arthritis & rheumatology (Hoboken, N.J.)*, 71(2):232-237. PMC: PMC6374038, PMID: 30106249
3. Samaniego EA, Roa JA, Martinez-Burbano B, Ortega-Gutierrez S, Hasan DM, Jibaja M, Torner JC, Maldonado N (2019). Angiographic Features of Intracranial Aneurysms in Ecuador. *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*, 28(3):761-767. PMID: 30522803
4. Vaughan Sarrazin M, Limaye K, Samaniego EA, Al Kasab S, Sheharyar A, Dandapat S, Guerrero WR, Hasan DM, Ortega-Gutierrez S, Derdeyn CP, Torner JC, Chamorro A, Leira EC (2019). Disparities in Inter-hospital Helicopter Transportation for Hispanics by Geographic Region: A Threat to Fairness in the Era of Thrombectomy. *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*, 28(3):550-556. PMID: 30552028
5. Macri EM, Felson DT, Ziegler ML, Cooke TDV, Guermazi A, Roemer FW, Neogi T, Torner J, Lewis CE, Nevitt MC, Stefanik JJ (2019). The association of frontal plane alignment to MRI-defined worsening of patellofemoral osteoarthritis: the MOST study. *Osteoarthritis and cartilage*, 27(3):459-467. PMC: PMC6391198, PMID: 30500383
6. Kates AE, Dalman M, Torner JC, Smith TC (2019). The nasal and oropharyngeal microbiomes of healthy livestock workers. *PloS one*, 14(3):e0212949. PMC: PMC6413945, PMID: 30861031
7. Zanaty M, Howard S, Roa JA, Alvarez CM, Kung DK, McCarthy DJ, Samaniego EA, Nakagawa D, Starke RM, Limaye K, Al Kasab S, Chalouhi N, Jabbour P, Torner J, Tranel D, Hasan D (2019). Cognitive and cerebral hemodynamic effects of endovascular recanalization of chronically occluded cervical internal carotid artery: single-center study and review of the literature. *Journal of neurosurgery*:1-9. PMID: 30925474
8. Limaye K, Patel A, Dave M, Kenmuir C, Lahoti S, Jadhav AP, Samaniego EA, Ortega-Gutiérrez S, Torner J, Hasan D, Derdeyn CP, Jovin T, Adams, Jr HP, Leira EC (2019). Secular Increases in Spontaneous Subarachnoid Hemorrhage during Pregnancy: A Nationwide Sample Analysis. *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*, 28(4):1141-1148. PMID: 30711414
9. Wong GKC, Daly JJ, Rhoney DH, Broderick J, Ogilvy C, Roos YB, Siddiqui A, Torner J (2019). Common Data Elements for Unruptured Intracranial Aneurysm and Subarachnoid Hemorrhage Clinical Research: Recommendations from the Working Group on Long-Term Therapies. *Neurocritical care*. PMID: 31077078
10. Suarez JI, Sheikh MK, Macdonald RL, Amin-Hanjani S, Brown, Jr RD, de Oliveira Manoel AL, Derdeyn CP, Etminan N, Keller E, Leroux PD, Mayer SA, Morita A, Rinkel G, Rufennacht D, Stienen MN, Torner J, Vergouwen MDI, Wong GKC (2019). Common Data Elements for Unruptured Intracranial Aneurysms and Subarachnoid Hemorrhage Clinical Research: A National Institute for Neurological Disorders and Stroke and National Library of Medicine Project. *Neurocritical care*. PMID: 31087257
11. Nakagawa D, Nagahama Y, Policeni BA, Raghavan ML, Dillard SI, Schumacher AL, Sarathy S, Dlouhy BJ, Wilson S, Allan L, Woo HH, Huston, 3rd J, Cloft HJ, Wintermark M, Torner JC, Brown, Jr RD, Hasan DM (2018). Accuracy of detecting enlargement of aneurysms using different MRI modalities and measurement protocols. *Journal of neurosurgery*:1-7. PMID: 29521585 (Accepted/In Press)

12. Nakagawa D, Kudo K, Awe O, Zanaty M, Nagahama Y, Cushing C, Magnotta V, Hayakawa M, Allan L, Greenlee J, Awad IA, Carroll T, Torner J, Raghavan ML, Hasan DM (2018). Detection of microbleeds associated with sentinel headache using MRI quantitative susceptibility mapping: pilot study. *Journal of neurosurgery*:1-7. PMID: 29799347 (Accepted/In Press)
13. Sadler AG, Cheney AM, Mengeling MA, Booth BM, Torner JC, Young LB (2018). Servicemen's Perceptions of Male Sexual Assault and Barriers to Reporting During Active Component and Reserve/National Guard Military Service. *Journal of interpersonal violence*:886260518780407. PMID: 29907078 (Accepted/In Press)
14. Jaja, Blessing N. R., Saposnik G, Lingsma HF, Macdonald E, Thorpe KE, Mamdani M, Steyerberg EW, Molyneux A, Manoel, Airtton Leonardo de Oliveira, Schatlo B, Hanggi D, Hasan D, Wong, George K. C., Etminan N, Fukuda H, Torner J, Schaller KL, Suarez JI, Stienen MN, Vergouwen, Mervyn D. I., Rinkel, Gabriel J. E., Spears J, Cusimano MD, Todd M, Le Roux, Peter, Kirkpatrick P, Pickard J, van den Bergh, Walter M., Murray G, Johnston SC, Yamagata S, Mayer S, Schweizer TA, Macdonald RL (2018). Development and validation of outcome prediction models for aneurysmal subarachnoid haemorrhage: the SAHIT multinational cohort study. *BMJ-BRITISH MEDICAL JOURNAL*, 360.
15. Fenton SAM, Neogi T, Dunlop D, Nevitt M, Doherty M, Duda JL, Klocke R, Abhishek A, Rushton A, Zhang W, Lewis CE, Torner J, Kitas G, White DK (2018). Does the intensity of daily walking matter for protecting against the development of a slow gait speed in people with or at high risk of knee osteoarthritis? An observational study. *Osteoarthritis and cartilage*, 26(9):1181-1189. PMC: 6098720, PMID: 29729332
16. Nagahama Y, Allan L, Nakagawa D, Zanaty M, Starke RM, Chalouhi N, Jabbour P, Brown, Jr RD, Derdeyn CP, Leira EC, Broderick J, Chimowitz M, Torner JC, Hasan D (2018). Dual antiplatelet therapy in aneurysmal subarachnoid hemorrhage: association with reduced risk of clinical vasospasm and delayed cerebral ischemia. *Journal of neurosurgery*, 129(3):702-710. PMID: 29099296
17. Hudson JS, Nagahama Y, Nakagawa D, Starke RM, Dlouhy BJ, Torner JC, Jabbour P, Allan L, Derdeyn CP, Greenlee JDW, Hasan D (2018). Hemorrhage associated with ventriculoperitoneal shunt placement in aneurysmal subarachnoid hemorrhage patients on a regimen of dual antiplatelet therapy: a retrospective analysis. *Journal of neurosurgery*, 129(4):916-921. PMID: 29125410
18. Hanson BM, Kates AE, O'Malley SM, Mills E, Herwaldt LA, Torner JC, Dawson JD, Farina SA, Klostermann C, Wu JY, Quick MK, Forshey BM, Smith TC (2018). Staphylococcus aureus in the nose and throat of Iowan families. *Epidemiology and infection*, 146(4):1777-1784. PMC: 6135667, PMID: 29932041
19. Yang J, Peek-Asa C, Noble JM, Torner J, Schmidt P, Cooper ML (2018). Common data elements collected among universities for sport-related concussion studies. *Injury epidemiology*, 5(1):2. PMC: PMC5809629, PMID: 29435691
20. Mocco J, Brown, Jr RD, Torner JC, Capuano AW, Fargen KM, Raghavan ML, Piepgras DG, Meissner I, Iii JH, International Study of Unruptured Intracranial Aneurysms Investigators (2018). Aneurysm Morphology and Prediction of Rupture: An International Study of Unruptured Intracranial Aneurysms Analysis. *Neurosurgery*, 82(4):491-496. PMID: 28605486
21. Glass NA, Torner JC, Letuchy EM, Burns TL, Janz KF, Eichenberger Gilmore JM, Schlechte JA, Levy SM (2018). Does Visceral or Subcutaneous Fat Influence Peripheral Cortical Bone Strength During Adolescence? A Longitudinal Study. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 33(4):580-588. PMC: PMC5959294, PMID: 29083059

22. Zanaty M, Nakagawa D, Starke RM, Leira EC, Samaniego EA, Guerrero WR, Torner J, Nagahama Y, Awe O, Greenlee J, Hudson JS, Allan L, Elwy R, Chalouhi N, Jabbour P, Woodroffe R, Piscopo A, Hasan D (2018). Intraventricular extension of an aneurysmal subarachnoid hemorrhage is an independent predictor of a worse functional outcome. *Clinical neurology and neurosurgery*, 170:67-72. PMID: 29730271
23. Hart HF, Crossley KM, Felson D, Jarraya M, Guermazi A, Roemer F, Lewis CE, Torner J, Nevitt M, Stefanik JJ (2018). Relation of meniscus pathology to prevalence and worsening of patellofemoral joint osteoarthritis: the Multicenter Osteoarthritis Study. *Osteoarthritis and cartilage*, 26(7):912-919. PMC: PMC6005722, PMID: 29427724
24. Levy SM, Eichenberger-Gilmore JM, Warren JJ, Kavand G, Letuchy E, Broffitt B, Marshall TA, Burns TL, Janz KF, Pauley C, Torner JC, Phipps K (2018). Associations of fluoride intake with children's cortical bone mineral and strength measures at age 11. *Journal of public health dentistry*, 78(4):352-359. PMID: 30155933
25. Missikpode C, Peek-Asa C, McGehee DV, Torner J, Wakeland W, Wallace R (2018). Teen driver system modeling: a tool for policy analysis. *Injury epidemiology*, 5(1):34. PMC: PMC6139293, PMID: 30221317
26. Wink AE, Gross KD, Brown CA, Lewis CE, Torner J, Nevitt MC, Tolstykh I, Sharma L, Felson DT (2018). Association of Varus Knee Thrust during Walking with Worsening WOMAC Knee Pain: The Multicenter Osteoarthritis Study. *Arthritis care & research*. PMID: 30242985
27. Oweis RR, Levy SM, Eichenberger-Gilmore JM, Warren JJ, Burns TL, Janz KF, Torner JC, Saha PK, Letuchy E (2018). Fluoride intake and cortical and trabecular bone characteristics in adolescents at age 17: A prospective cohort study. *Community dentistry and oral epidemiology*, 46(6):527-534. PMID: 29962091
28. Mohr NM, Dick-Perez R, Ahmed A, Harland KK, Shane D, Miller D, Miyake C, Kannedy L, Fuller BM, Torner JC (2018). Emergency department charges may be associated with mortality in patients with severe sepsis and septic shock: a cohort study. *BMC emergency medicine*, 18(1):62. PMC: PMC6310923, PMID: 30594140
29. Segal NA, Frick E, Duryea J, Nevitt MC, Niu J, Torner JC, Felson DT, Anderson DD (2017). Comparison of tibiofemoral joint space width measurements from standing CT and fixed flexion radiography. *Journal of orthopaedic research: official publication of the Orthopaedic Research Society*, 35(7):1388-1395. PMID: 27504863
30. Goyal V, Mengeling MA, Booth BM, Torner JC, Syrop CH, Sadler AG (2017). Lifetime Sexual Assault and Sexually Transmitted Infections Among Women Veterans. *J Womens Health*, 26(7):745-754. PMID: 28281918
31. Mohr NM, Harland KK, Shane DM, Ahmed A, Fuller BM, Ward MM, Torner JC (2017). Rural Patients With Severe Sepsis or Septic Shock Who Bypass Rural Hospitals Have Increased Mortality: An Instrumental Variables Approach. *Critical care medicine*, 45(1):85-93. PMC: PMC5161646, PMID: 27611977
32. Sadler AG, Mengeling MA, Booth BM, O'Shea AM, Torner JC (2017). The Relationship Between US Military Officer Leadership Behaviors and Risk of Sexual Assault of Reserve, National Guard, and Active Component Servicewomen in Nondeployed Locations. *American journal of public health*, 107(1):147-155. PMID: 27854521
33. Yau MS, Yerges-Armstrong LM, Liu Y, Lewis CE, Duggan DJ, Renner JB, Torner J, Felson DT, McCulloch CE, Kwok CK, Nevitt MC, Hochberg MC, Mitchell BD, Jordan JM, Jackson RD (2017).

Genome-Wide Association Study of Radiographic Knee Osteoarthritis in North American Caucasians. *Arthritis and Rheumatology*, 69(2):343-351. PMID: 27696742

34. Guermazi A, Hayashi D, Roemer FW, Niu J, Quinn EK, Crema MD, Nevitt MC, Torner J, Lewis CE, Felson DT (2017). Brief Report: Partial- and Full-Thickness Focal Cartilage Defects Contribute Equally to Development of New Cartilage Damage in Knee Osteoarthritis: The Multicenter Osteoarthritis Study. *Arthritis and Rheumatology*, 69(3):560-564. PMID: 27788291
35. Widjajahakim R, Roux M, Jarraya M, Roemer FW, Neogi T, Lynch JA, Lewis CE, Torner JC, Felson DT, Guermazi A, Stefanik JJ (2017). Relationship of Trochlear Morphology and Patellofemoral Joint Alignment to Superolateral Hoffa Fat Pad Edema on MR Images in Individuals with or at Risk for Osteoarthritis of the Knee: The MOST Study. *Radiology*, 284(3):806-814. PMID: 28418810
36. Hankinson TC, Tuite GF, Moscoso DI, Robinson LC, Torner JC, Limbrick, Jr DD, Park TS, Anderson RCE, Park-Reeves Syringomyelia Research Consortium Investigators (2017). Analysis and interrater reliability of pB-C2 using MRI and CT: data from the Park-Reeves Syringomyelia Research Consortium on behalf of the Pediatric Craniocervical Society. *Journal of neurosurgery. Pediatrics*:1-6. PMID: 28524792
37. Wink AE, Gross KD, Brown CA, Guermazi A, Roemer F, Niu J, Torner J, Lewis CE, Nevitt MC, Tolstykh I, Sharma L, Felson DT (2017). Varus thrust during walking and the risk of incident and worsening medial tibiofemoral MRI lesions: the Multicenter Osteoarthritis Study. *Osteoarthritis and Cartilage*, 25(6):839-845. PMID: 28104540
38. Jarraya M, Guermazi A, Felson DT, Roemer FW, Nevitt MC, Torner J, Lewis CE, Stefanik J (2017). Is Superolateral Hoffa's Fat Pad Hyperintensity a Marker of Local Patellofemoral Joint Disease? - The MOST Study. *Osteoarthritis and cartilage*, 25(9):1459-1467. PMID: 28606557
39. Crema MD, Felson DT, Guermazi A, Nevitt MC, Niu J, Lynch JA, Marra MD, Torner J, Lewis CE, Roemer FW (2017). Is the atrophic phenotype of tibiofemoral osteoarthritis associated with faster progression of disease? The MOST study. *Osteoarthritis and cartilage*, 25(10):1647-1653. PMID: 28606556
40. Derdeyn CP, Zipfel GJ, Albuquerque FC, Cooke DL, Feldmann E, Sheehan JP, Torner JC (2017). Management of Brain Arteriovenous Malformations: A Scientific Statement for Healthcare Professionals From the American Heart Association/American Stroke Association. *Stroke*, 48(8):e200-e224. PMID: 28642352
41. Chalouhi N, Jabbour P, Zanaty M, Starke RM, Torner J, Nakagawa D, HaSAN DM (2017). Sex differential in 15-hydroxyprostaglandin dehydrogenase levels in the lumen of human intracranial aneurysms. *J Am Heart Assoc*, 6(10):e006639. PMC: 5721867, PMID: 29042428
42. Bradley CS, Nygaard IE, Hillis SL, Torner JC, Sadler AG (2017). Longitudinal associations between mental health conditions and overactive bladder in women veterans. *American journal of obstetrics and gynecology*, 217(4):430.e1-430.e8. PMID: 28645572
43. Seaman S, Kerezoudis P, Bydon M, Torner JC, Hitchon PW (2017). Titanium vs. polyetheretherketone (PEEK) interbody fusion: Meta-analysis and review of the literature. *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*, 44:23-29. PMID: 28736113
44. Sadler AG, Booth BM, Torner JC, Mengeling MA (2017). Sexual assault in the US military: A comparison of risk in deployed and non-deployed locations among Operation Enduring Freedom/Operation Iraqi Freedom active component and Reserve/National Guard servicewomen. *American journal of industrial medicine*, 60(11):947-955. PMID: 28857214

45. Ammann EM, Leira EC, Winiecki SK, Nagaraja N, Dandapat S, Carnahan RM, Schweizer ML, Torner JC, Fuller CC, Leonard CE, Garcia C, Pimentel M, Chrischilles EA (2017). Chart validation of inpatient ICD-9-CM administrative diagnosis codes for ischemic stroke among IGIV users in the Sentinel Distributed Database. *Medicine*, 96(52):e9440. PMID: 29384925
46. Ammann EM, Jones MP, Link BK, Carnahan RM, Winiecki SK, Torner JC, McDowell BD, Fireman BH, Chrischilles EA (2016). Intravenous immune globulin and thromboembolic adverse events in patients with hematologic malignancy *Blood* 127(2):200-207. PMID: 26443622
47. Ramachandran M, Retarekar R, Raghavan ML, Berkowitz B, Dickerhoff B, Correa T, Lin S, Johnson K, Hasan D, Ogilvy C, Rosenwasser R, Torner J, Bogason E, Stapleton CJ, Harbaugh RE (2016). Assessment of image-derived risk factors for natural course of unruptured cerebral aneurysms. *J Neurosurg*, 124(2):288-95. PMID: 26381246
48. White DK, Tudor-Locke C, Zhang Y, Niu J, Felson DT, Gross KD, Nevitt MC, Lewis CE, Torner J, Neogi T (2016). Prospective change in daily walking over 2 years in older adults with or at risk of knee osteoarthritis: the MOST study *Osteoarthritis Cartilage* 24(2):246-53. PMID: 26318659
49. Ryan GL, Mengeling MA, Summers KM, Booth BM, Torner JC, Syrop CH, Sadler AG (2016). Hysterectomy risk in premenopausal-aged military veterans – associations with sexual assault and gynecologic symptoms. *Am J Obstet Gynecol*, 214(3):352.e1-352.e13. PMID: 26475424
50. Mohr NM, Harland KK, Shane DM, Miller SL, Torner JC (2016). Potentially avoidable pediatric interfacility transfer is a costly burden for rural families: A cohort study. *Acad Emerg Med*, 23(8):855-94. PMID: 27018337
51. Felson DT, Niu J, Neogi T, Goggins J, Nevitt MC, Roemer F, Torner J, Lewis CE, Guermazi A, MOST Investigators Group (2016). Synovitis and the risk of knee osteoarthritis: the MOST study. *Osteoarthritis Cartilage*, 24(3):458-64. PMID: 26432512
52. Øiestad BE, White DK, Booton R, Niu J, Zhang Y, Torner J, Lewis B, Levitt M, LaValley M, Felson DT (2016). The longitudinal course of physical function in people with symptomatic knee osteoarthritis: Data from the MOST study and the OAI. *Arthritis Care Res (Hoboken)*, 68(3):325-31. PMID: 26236919
53. Øiestad BE, White DK, Booton R, Niu J, Zhang Y, Torner J, Lewis CE, Nevitt M, LaValley M, Felson DT (2016). Longitudinal Course of Physical Function in People With Symptomatic Knee Osteoarthritis: Data From the Multicenter Osteoarthritis Study and the Osteoarthritis Initiative. *Arthritis care & research*, 68(3):325-31. PMC: PMC4879777, PMID: 26236919
54. Janz KF, Letuchy EM, Burns TL, Kwon S, Gilmore-Eichenberger JM, Torner JC, Levy SM (2016). Objectively-Measured Physical Activity Predicts DXA-Measured Fat Mass from Age 5-17 Years: Iowa Bone Development Study: 1405 Board #58 June 2, 9: 00 AM - 10: 30 AM. *Medicine and Science in Sports and Exercise*, 48(5 Suppl 1):373-4. PMID: 27360324
55. Ammann EM, Haskins CB, Fillman KM, Ritter RL, Gu X, Winiecki SK, Carnahan RM, Torner JC, Fireman BH, Jones MP, Chrischilles EA (2016). Intravenous immune globulin and thromboembolic adverse events: A systematic review and meta-analysis of RCTs *Am J Hematol* 91(6):594-605. PMID: 26973084
56. Glass NA, Torner JC, Letuchy EM, Burns TL, Janz KF, Eichenberger Gilmore JM, Schlechte JA, Levy SM (2016). The Relationship Between Greater Prepubertal Adiposity, Subsequent Age of Maturation, and Bone Strength During Adolescence. *Journal of Bone and Mineral Research*, 31(7):1455-65. PMC: PMC4960659, PMID: 26861036

57. Ahmed R, Menezes AH, Torner JC (2016). Role of resection and adjuvant therapy in long-term disease outcomes for low-grade pediatric intramedullary spinal cord tumors. *Journal of Neurosurgery. Pediatrics*:1-8. PMID: 27420482
58. Mohr NM, Harland KK, Shane DM, Ahmed A, Fuller BM, Torner JC (2016). Inter-hospital transfer is associated with increased mortality and costs in severe sepsis and septic shock: An instrumental variables approach. *Journal of critical care*, 36:187-194. PMID: 27546770
59. Chalouhi N, Starke RM, Correa T, Jabbour PM, Zanaty M, Brown, Jr RD, Torner JC, Hasan DM (2016). Differential Sex Response to Aspirin in Decreasing Aneurysm Rupture in Humans and Mice. *Hypertension*, 68(2):411-7. PMC: PMC4945417, PMID: 27296993
60. Rao S, Douglas Gross K, Niu J, Nevitt MC, Lewis CE, Torner JC, Hietpas J, Felson D, Hillstrom HJ (2016). Are Pressure Time Integral and Cumulative Plantar Stress Related to First Metatarsophalangeal Joint Pain? Results From a Community-Based Study. *Arthritis care & research*, 68(9):1232-8. PMID: 26713755
61. Segal NA, Frick E, Duryea J, Roemer F, Guermazi A, Nevitt MC, Torner JC, Felson DT, Anderson DD (2016). Correlations of Medial Joint Space Width on Fixed Flexed Standing CT and Radiographs with Cartilage and Meniscal Morphology on MRI. *Arthritis Care & Research*, 68(10):1410-6. PMID: 26991547
62. Zanaty M, Chalouhi N, Starke RM, Daou B, Todd M, Bayman E, Torner J, Hasan D (2016). Short-Term Outcome of Clipping Versus Coiling of Ruptured Intracranial Aneurysms Treated by Dual-Trained Cerebrovascular Surgeon: Single-Institution Experience. *World Neurosurgery*, 95:262-269. PMID: 27535631
63. Niu J, Felson DT, Neogi T, Nevitt MC, Guermazi A, Roemer F, Lewis CE, Torner J, Zhang Y (2015). Patterns of Coexisting Lesions Detected on Magnetic Resonance Imaging and Relationship to Incident Knee Osteoarthritis The Multicenter Osteoarthritis Study. *ARTHRITIS & RHEUMATOLOGY*, 67(12):3158-3165.
64. Cheney AM, Reisinger HS, Booth BM, Mengeling MA, Torner JC, Sadler AG (2015). Servicewomen's Strategies to Staying Safe During Military Service. *GENDER ISSUES*, 32(1):1-18.
65. Missikpode C, Peek-Asa C, Young T, Swanton A, Leinenkugel K, Torner J (2015). Trends in non-fatal agricultural injuries requiring trauma care *Inj Epidemiol* 2(1):30. PMID: 26693134
66. Yang J, Peek-Asa C, Covassin T, Torner JC (2015). Post-concussion symptoms of depression and anxiety in division I collegiate athletes. *Dev Neuropsychol*, 40(1):18-23. PMID: 25649755
67. Misra D, Guermazi A, Sieren JP, Lynch J, Torner J, Neogi T, Felson DT (2015). CT imaging for evaluation of calcium crystal deposition in the knee: initial experience from the Multicenter Osteoarthritis (MOST) study. *Osteoarthritis Cartilage*, 23(2):244-8. PMC: PMC4305039, PMID: 25451303
68. Misra D, Felson DT, Silliman RA, Nevitt M, Lewis CE, Torner J, Neogi T (2015). Knee Osteoarthritis and Frailty: Findings From the Multicenter Osteoarthritis Study and Osteoarthritis Initiative. *J Gerontol A Biol Sci Med Sci*, 70(3):339-344. PMC: PMC4351392, PMID: 25063080
69. Mengeling MA, Booth BM, Torner JC, Sadler AG (2015). Post-sexual assault health care utilization among OEF/OIF servicewomen. *Med Care*, 53(4 Suppl 1):S136-42. PMID: 25767967
70. VanderWeg MW, Mengeling MA, Booth BM, Torner JC, Sadler AG (2015). Prevalence and correlates of cigarette smoking among operation Iraqi Freedom-era and Operation Enduring Freedom-era women from the active component military and reserve/national guard. *Med Care*, 53(4 Suppl 1):S55-62. PMID: 25767977

71. Grossbach AJ, Viljoen SV, Hitchon PW, Watson DeVries NA, Grosland NM, Torner J (2015). Vertebroplasty plus short segment pedicle screw fixation in a burst fracture model in cadaveric spines. *J Clin Neurosci*, 22(5):883-8. PMID: 25769251
72. Carvour ML, Harms JP, Lynch CF, Mayer RR, Meier JL, Liu D, Torner JC (2015). Differential survival for men and women with HIV/AIDS-related neurologic diagnoses. *PLoS One*, 10(6):e0123119. PMC: PMC4480974, PMID: 26107253
73. Swanton AR, Young TL, Leinenkugel K, Torner JC, Peek-Asa C (2015). Nonfatal tractor-related injuries presenting to a state trauma system. *J Safety Res*, 53:97-102. PMID: 25934002
74. Segal NA, Nevitt MC, Lynch JA, Niu J, Torner JC, Guermazi A (2015). Diagnostic performance of 3D standing CT imaging for detection of knee osteoarthritis features. *Phys Sportsmed*, 43(3):213-20. PMC: 26313455
75. Cucciare MA, Sadler AG, Mengeling MA, Torner JC, Curran GM, Han X, Booth BM (2015). Associations between deployment, military rank, and binge drinking in active duty and Reserve/National Guard US servicewomen. *Drug Alcohol Depend*, 153:37-42. PMID: 26118832
76. Li C, Jin D, Chen C, Letuchy EM, Janz KF, Burns TL, Torner JC, Levy SM, Saha PK (2015). Automated cortical bone segmentation for multirow-detector CT imaging with validation and application to human studies. *Med Phys*, 42(8):4553. PMID: 26233184
77. Wise BL, Niu J, Felson DT, Hietpas J, Sadosky A, Torner J, Lewis CE, Nevitt M (2015). Functional impairment is a risk factor for knee replacement in the Multicenter Osteoarthritis Study. *Clin Orthop Relat Res*, 473(8):2505-13. PMC: PMC4488226, PMID: 25754756
78. Thompson BG, Brown Jr RD, Amin-Hanjani S, Broderick JP, Cockcroft KM, Connolly Jr ES, Duckwiler GR, Harris CC, Howard VJ, Johnston SC, Meyers PM, Molyneux A, Olgilvy CS, Ringer AJ, Torner J, on behalf of the American Heart Association Stroke Council, Council on Cardiovascular and Stroke Nursing, and Council on Epidemiology and Prevention (2015). Guidelines for the management of patients with unruptured intracranial aneurysms: a guideline for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke*, 46(8):2368-400. PMID: 26089327
79. Saha PK, Liu Y, Chen C, Jin D, Letuchy EM, Xu Z, Amelon RE, Burns TL, Torner JC, Levy SM, Calarge CA (2015). Characterization of trabecular bone plate-rod microarchitecture using multirow detector CT and the tensor scale: Algorithms, validation, and applications to pilot human studies. *Med Phys*, 42(9):5410-25. PMID: 26328990
80. Ayling OG, Ibrahim GM, Drake B, Torner JC, Macdonald RL (2015). Operative complications and differences in outcome after clipping and coiling of unruptured intracranial aneurysms. *J Neurosurg*, 123(3):621-8. PMID: 26047409
81. Guermazi A, Hayashi D, Roemer F, Felson DT, Wang K, Lynch J, Amin S, Torner J, Lewis CE, Nevitt MC (2015). Severe radiographic knee osteoarthritis – does Kellgren and Lawrence grade 4 represent end stage disease? – the MOST study. *Osteoarthritis Cartilage*, 23(9):1499-505. PMID: 25929973
82. Etminan N, Brown Jr RD, Beseoglu K, Juvela S, Raymond J, Morita A, Torner JC, Derdeyn EP, et al (2015). The unruptured intracranial aneurysm treatment score: A multidisciplinary consensus. *Neurology*, 85(10):881-9. PMID: 26276380
83. Leira EC, Zaheer A, Shnell T, Torner JC, Olalde HM, Pieper AA, Ortega-Gutierrez S, Nagaraja N, Marks NL, Adams, Jr HP, (2015). Effect of helicopter transport on neurological outcomes in a mouse model of embolic stroke with reperfusion: AIR-MICE pilot study. *Int J Stroke*, 10 Suppl(A100):119-24. PMID: 26376603

84. Guermazi A, Eckstein F, Hayashi D, Roemer FW, Wirth W, Yang T, Niu J, Sharma L, Nevitt MC, Lewis CE, Torner J, Felson DT (2015). Baseline radiographic osteoarthritis and semi-quantitatively assessed meniscal damage and extrusion and cartilage damage on MRI is related to quantitatively defined cartilage thickness loss in knee osteoarthritis: The Multicenter Osteoarthritis Study. *Osteoarthritis Cartilage*, 23(12):2191-8. PMID: 26162806
85. Niu J, Felson DT, Neogi T, Nevitt MC, Guermazi A, Roemer F, Lewis CE, Torner J, Zhang Y (2015). Patterns of co-existing lesions detected on magnetic resonance imaging and relationship to incident knee osteoarthritis: The Multicenter Osteoarthritis Study. *Arthritis Rheumatol*, 67(12):3158-65. PMC: 4661091, PMID: 26414125