Timothy F. Platts-Mills, MD, MSc

Curriculum Vitae

Personal Information

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Education

12/2013	MSc	Department of Epidemiology, Gillings School of Global Public Health University of North Carolina at Chapel Hill, Chapel Hill, NC
6/2003	MD	University of California Los Angeles School of Medicine, Los Angeles, CA
6/1996	BA	Environmental Science and Public Policy, Harvard University, Cambridge, MA

Professional Experience – Employment History

2017-present	Vice-Chair, Research, Department of Emergency Medicine University of North Carolina at Chapel Hill, Chapel Hill, NC
2013–present	Assistant Professor, Department of Emergency Medicine University of North Carolina at Chapel Hill, Chapel Hill, NC
2007-2013	Clinical Assistant Professor, Dept. of Emergency Medicine University of North Carolina at Chapel Hill, Chapel Hill, NC
2006-2007	Chief Resident in Emergency Medicine University of California San Francisco-Fresno, Fresno, CA
2003-2006	Resident in Emergency Medicine University of California San Francisco-Fresno, Fresno, CA
1996-1997	Fulbright Scholar Madang, Papua New Guinea
1996-1997	Michael C. Rockefeller Memorial Fellow Madang, Papua New Guinea

Honors

2019	Medical Student Advisor Award	University of North Carolina, Chapel Hill
2018	Hometown Hero	97.19 The Hill WCHL, Chapel Hill
2015	Jefferson-Pilot Fellowship Award	University of North Carolina, Chapel Hill
2014	Young Investigator Award	Society for Academic Emergency Medicine
2013	Gordon H. DeFriese Career Development in Aging Research award	University of North Carolina, Chapel Hill
2013	Medical Student Research Mentor Award	University of North Carolina, Chapel Hill
2012	Top 50 Reviewers of 2012	Annals of Emergency Medicine
2012	Specialty Faculty Scholar	Donald W. Reynolds Foundation
2011	Scholar, Summer Institute on Aging Research	National Institute on Aging
2011	Socrates Teaching Award	University of North Carolina, Chapel Hill
2010	Socrates Teaching Award	University of North Carolina, Chapel Hill
2010	Top 50 Reviewers of 2010	Annals of Emergency Medicine
2009	Socrates Teaching Award	University of North Carolina, Chapel Hill
2007	Resident Academic Achievement Award	Council of EM Residency Directors
2006	Top 50 Reviewers of 2006	Annals of Emergency Medicine
2006	Borba Housestaff Research Award	University Medical Center, Fresno, CA
2003	First Year Resident Award	University Medical Center, Fresno, CA
1996	Hoopes Prize for Senior Thesis	Harvard University
1996	Magna Cum Laude	Harvard University

Medical Licensure

2007	North Carolina
2003	California

Board Certification

2014	Fellow, American Board of Emergency Medicine

2008 Diplomate, American Board of Emergency Medicine

Bibliography and products of scholarship

Books

1. Blok B, Cheung D, **Platts-Mills TF**. First Aid for the Emergency Medicine Boards, 3rd Edition. Highstown (NJ): McGraw Hill Education. 2016.

2. Blok B, Cheung D, **Platts-Mills TF**. First Aid for the Emergency Medicine Boards, 2nd Edition. Highstown (NJ): McGraw Hill Education. 2012.

3. Blok B, Cheung D, **Platts-Mills TF**. First Aid for the Emergency Medicine Boards. Highstown (NJ): McGraw Hill Education. 2009.

4. Petir A, Materem D, **Platts-Mills TF**. Useful Plants of Salemben Village. Madang, Papua New Guinea: Kristen Pres. 1997.

Book Chapters

1. **Platts-Mills TF**, Adams SD. Trauma in Older Adults. Hawood-Nuss' Clinical Practice of Emergency Medicine, 6th edition. Philidelphia (PA): Lippincott Williams & Wilkins. p. 332-336. 2013.

2. **Platts-Mills TF**, Matthews D. The morbidly obese patient. In: Tintinalli JE, Kelen GD, Stapczynski S, editors. Tintinalli's Emergency Medicine: A Comprehensive Study Guide. 7th ed. Highstown (NJ): McGraw-Hill Education. p. 2012-2017. 2008.

3. **Platts-Mills TF**. The eye examination. In: Wolfson AB, Hendey GW, Hendry PL, Linden CH, Rosen CL, editors. Harwood-Nuss' Clinical Practice of Emergency Medicine. 5th ed. Philadelphia (PA): Lippincott Williams and Williams. p. 337-341. 2008.

4. **Platts-Mills TF**. Lacerations of the Leg and Foot. In: Tintinalli JE, Kelen GD, Stapczynski S, editors. Tintinalli's Emergency Medicine: A Comprehensive Study Guide. 7th ed. Highstown (NJ): McGraw-Hill Education. p.330-335. 2008.

5. Lewin MR, Jensen S. **Platts Mills TF**. Wilderness Medical Kits. In: Auerbach PS, editors. Wilderness Medicine. 5th ed. Philadelphia (PA): Mosby Inc. p. 1894-1922. 2008.

6. **Platts-Mills TF**. Renal, Nephrology, and Epidemiology Chapters. In: Le T, Amin C, Vikas Bhushan, eds. First AID for the USMLE Step 2. 4th ed. McGraw-Hill. p. 375-398. 2003.

Journal Articles (ł Trainee as first author with primary mentor role)

1. Shenvi CL, **Platts-Mills TF**. Managing the elderly emergency department patient. Annals of Emergency Medicine. 2019 March; 73(3): 302-7.

2. Kandasamy D, **Platts-Mills TF**, Shah MN, Van Orden KA, Betz ME. Social disconnection among older adults receiving care in the emergency department. Western Journal of Emergency Medicine. 2018;19:919-25.

3. Biese K, Massing M, **Platts-Mills TF**, Young J, McArdle J, Dayaa JA, Simpson R Jr. Predictors of 30-day return following an emergency department visit for older adults. North Carolina Medical Journal. 2019;80:12-8.

4. **Platts-Mills TF**, Dayaa JA, Reeve BB, Krajick K, Mosqueda L, Haukoos JS, Patel MD, Mulford CF, McLean SA, Sloane PD, Travers D, Zimmerman S. Development of the Emergency Department Senior Abuse Identification (ED Senior AID) tool. *Journal of Elder Abuse and Neglect*. 2018 Aug-Oct; 30(4):247-70.

5. ǂ Namboodri BL, Rosen T, Dayaa JA, Bischof JJ, Ramadan N, Patel MD, Grover J, Brice JH, **Platts-Mills TF**. Elder abuse identification in the prehospital setting: an examination of state emergency medical services protocols. *Journal of the American Geriatrics Society*. 2018 May; 66(5): 962-8.

6. Jones CW, Misemer BS, **Platts-Mills TF**, Ahn R, Woodbridge A, Abraham A, Saba S, Korenstein D, Madden E, Keyhani S. Primary outcome switching among drug trials with and without principal investigator financial ties to industry: a cross-sectional study. *BMJ Open*. 2018 Feb 8; 8(2):e019831.

7. **Platts-Mills TF**, Hollowell AG, Burke GF, Zimmerman S, Dayaa JA, Quigley BR, Bush M, Weinberger M, Weaver MA. Randomized controlled pilot study of an educational video plus telecare for the early outpatient management of musculoskeletal pain among older emergency department patients. *Trials*. 2018 Jan 5;19(1):10.

8. ǂ Evans CS, **Platts-Mills TF**, Fernandez AR, Grover JM, Cabanas JG, Patel MD, Vilke GM, Brice JH. Repeated emergency medical services use by older adults: analysis of a comprehensive statewide database. *Annals of Emergency Medicine.* 2017 Oct; 70(4): 506-13.

9. ǂ Dadoo S, Grover JM, Keil LG, Hwang KS, Brice JH, **Platts-Mills TF**. Prehospital fluid administration in trauma patients: a survey of state protocols. *Prehospital Emergency Care*. 2017 Sep;21(5):605-9.

10. ǂ Evans CS, Hunold KM, Rosen T, **Platts-Mills TF**. Diagnosis of elder abuse in U.S. emergency departments. *Journal of the American Geriatric Society*. 2017 Jan;65(1):91-7.

11. **Platts-Mills TF**, Nebolisa BC, Flannigan SF, Richmond NL, Domeier RM, Swor RA, Hendry PL, Peak DA, Rathlev NK, Jones JS, Lee DC, Jones CW, McLean SA. Posttraumatic stress disorder among older adults experiencing motor vehicle collision: a multicenter prospective cohort study. *Journal of American Geriatric Psychiatry*. 2017 Sep;25(9):953-63.

12. ǂ Burks, CE, Jones CW, Braz VA, Swor RA, Richmond NL, Hwang KS, Hollowell AG, Weaver MA, **Platts-Mills TF**. Risk factors for malnutrition among older adults in the emergency department: a multicenter study. *Journal of the American Geriatric Society*. 2017 Aug;65(8):1741-47.

13. Jones CW, Braz VA, McBride SM, Roberts BW, **Platts-Mills TF**. Cross-sectional assessment of patient attitudes towards participation in clinical trials: does making results publicly available matter? *British Medical Journal Open*. 2016 Nov 24;6(11).

14. Jones CW, Roberts BW, **Platts-Mills TF**. Patient perspectives on sharing deidentified trial data. *Annals of Internal Medicine*. 2016 Nov 15;165(10):748-9.

15. **Platts-Mills TF**, Richmond NL, LeFebvre EM, Mangipudi SA, Hollowell AG, Travers D, Biese K, Hanson LC, Volandes AE. Availability of advance care planning documentation for older emergency department patients: a cross sectional study. *Journal of Palliative Medicine.* 2017 Jan;20(1):74

16. George NR, Kryworuchko J, Hunold KM, Ouchi K, Berman A, Wright R, Grudzen CR, Kovalerchik O, LeFebvre EM, Lindor RA, Quest TE, Schmidt TA, Sussman T, Vandenbroucke A, Volandes AE, **Platts-Mills TF**. Shared decision making to support the provision of palliative and end-of-life care in the emergency department: a consensus statement and research agenda. *Academic Emergency Medicine*. 2016 Dec;23(12):1394-1402.

17. **Platts-Mills TF**, Evans CS, Brice JH. Prehospital triage of injured older adults: thinking slow inside the golden hour. *Journal of the American Geriatric Society*. 2016 Oct;64(10):1941-3.

18. Misemer B, **Platts-Mills TF**, Jones C. Citation bias favoring positive clinical trials of thrombolytics for acute ischemic stroke: a cross-sectional analysis. *Trials*. 2016 Sept 28;17(1):473.

19. Lo AX, Flood KF, Biese K, **Platts-Mills TF**, Donnelly JP, Carpenter CR. Factors associated with hospital admission for older adults receiving care in united states emergency departments. *Journals of Gerontology: Medical Sciences*. 2016 Oct 21;72(8):1105-9.

20. **Platts-Mills TF**, Nicholson RJ, Richmond NL, Patel KV, Simonsick EM, Domeier RM, Swor RA, Hendry PL, Peak DA, Rathlev NK, Jones JS. Restricted activity and persistent pain following motor vehicle collision among older adults: a multicenter prospective cohort study. *BMC Geriatrics*. 2016 Apr 19;16(1):1.

21. Rosen T, Hargarten S, Flomenbaum NE, **Platts-Mills TF**. Identifying elder abuse in the emergency department: toward a multidisciplinary team-based approach. *Annals of Emergency Medicine*. 2016 Sep; 68(3):378-82.

22. ǂ Hunold KM, Pereira GF, Jones CW, Isaacs CG, Braz VA, Gadi SR, **Platts-Mills TF**. Priorities of care among older adults in the emergency department: a cross-sectional study. *Academic Emergency Medicine*. 2016 Mar 1;23(3):362-5.

23. ǂ Holland CW, Hunold KM, Mangipudi SA, Rittenberg AM, Yosipovitch N, **Platts-Mills TF**. A prospective evaluation of shared-decision making regarding analgesic selection for older emergency department patients with acute musculoskeletal pain. *Academic Emergency Medicine*. 2016;23:306-14.

24. ǂ Hunold KM, Smith SA, **Platts-Mills TF**. Constipation prophylaxis is rare for older adults prescribed outpatient opioid therapy from U.S. emergency departments. *Academic Emergency Medicine*. 2015;22:1118-21.

25. Jones CW, Keil LG, Holland WC, Caughey MC, **Platts-Mills TF**. Comparison of registered and published outcomes in randomized controlled trials: a systematic review. *BMC Medicine*. 2015 Nov 18;13(1):1.

26. ǂ Pereira GF, Bulik CM, Weaver MA, Holland WC, **Platts-Mills TF**. Malnutrition among cognitively intact, noncritically ill older adults in the emergency department. *Annals of Emergency Medicine.* 2015;65:85-91.

27. ǂ Roedersheimer KM, Pereira GF, Jones CW, Braz VA, Mangipudi SA, **Platts-Mills TF**. Self-reported vs. performance-based assessments of a simple mobility task among older adults in the emergency department. *Annals of Emergency Medicine*. 2016 Feb 29;67(2):151-6.

28. **Platts-Mills TF**, Flannigan SA, Bortsov AV, Smith S, Domeier RM, Swor RA, Hendry PL, Peak DA, Rathlev NK, Jones JS, Lee DC, Keefe FJ, Sloane PD, McLean SA. Persistent pain among older

adults discharged home from the emergency department after motor vehicle crash: a prospective study. *Annals of Emergency Medicine*. 2016 Feb 29;67(2):166-76.

29. ǂ Richmond NL, Flannigan SA, Keil LG, Betz ME, **Platts-Mills TF**. Cessation of driving is rare in older drivers seen in the emergency department after a motor vehicle collision: a prospective cohort study. *Journal of the American Geriatrics Society*. 2015;63:183-5.

30. Carpenter CR, Shelton E, Fowler S, Suffoletto B, **Platts-Mills TF**, Rothman RE, Hogan TM. Risk factors and screening instruments to predict adverse outcomes for undifferentiated older emergency department patients: a systematic review and meta-analysis. *Academic Emergency Medicine*. 2015;22:1-21.

31. ǂ Pereira GF, McLean SA, Tkacik TJ, Swor RA, Jones JS, Lee DC, Peak DA, Domeier RM, Rathlev NK, Hendry PL, **Platts-Mills TF**. Pain, distress, and anticipated recovery for older versus younger emergency department patients after motor vehicle collision. *BMC Emergency Medicine*. 2014; 14:25-33.

32. ǂ Keil LG, **Platts-Mills TF**, Jones CW. Systematic reviews published in emergency medicine journals do not routinely search clinical trials registries: a cross-sectional analysis. *Annals of Emergency Medicine*. 2015 Oct 31;66(4):424-7.

33. Musey PI Jr, Linnstaedt SD, **Platts-Mills TF**, Miner JR, Bortsov AV, Safdar B, Bijur P, Rosenau A, Tsze DS, Chang AK, Dorai S, Engel KG, Feldman JA, Fusaro AM, Lee DC, Rosenberg M, Keefe FJ, Peak DA, Nam CS, Patel RG, Fillingham RB, McLean SA. Gender differences in acute and chronic pain in the emergency department: results of the 2014 Academic Emergency Medicine consensus conference pain section. *Academic Emergency Medicine*. 2014;12:1421-30.

34. Jones CW, Keil LG, Weaver MA, **Platts-Mills TF**. Clinical trials registries are under-utilized in the conduct of systematic reviews: a cross-sectional analysis. *Systematic Reviews*. 2014; 3:126.

35. ǂ Hunold KM, Sochor MR, McLean SA, Mosteller KB, Fernandez AR, **Platts-Mills TF**. Ambulance transport rates after motor vehicle collision for older vs. younger adults: a population-based study. *Accident Analysis and Prevention*. 2014; 73:373-9.

36. ǂ Hunold KM, Richmond NL, Waller AE, Cutchin MP, Voss PR, **Platts-Mills TF**. Primary care availability and emergency department use by older adults: a population-based analysis. *Journal of the American Geriatrics Society*. 2014;62:1699-6.

37. Bortsov AV, **Platts-Mills TF**, Peak DA, Jones JS, Swor RA, Domeier RM, Lee DC, Rathlev NK, Hendry PL, Fillingim RB, McLean SA. Effect of pain location and duration on life function during the year following motor vehicle collision. *Pain*. 2014;155:1836-45.

38. Carpenter CR, Bromley M, Caterino JM, Chun A, Gerson LW, Greenspan J, Hwang U, John DP, Lyons WL, **Platts-Mills TF**, Mortensen B, Ragsdale L, Rosenberg M, Wilber S. Optimal older adult emergency care: introducing multidisciplinary geriatric emergency department guidelines from the American College of Emergency Physicians, American Geriatrics Society, Emergency Nurses Association, and Society for Academic Emergency Medicine. *Annals of Emergency Medicine*. 2014; 63:e1-3.

39. ǂ Lewis GC, **Platts-Mills TF**, Liberzon I, Bair E, Swor R, Peak D, Jones J, Rathlev N, Lee D, Domeier R, Hendry P, and McClean SA. (2014). Incidence and predictors of acute psychological distress and dissociation after motor vehicle collision: a cross-sectional study. *Journal of Trauma &*

Dissociation. 2014 Oct; 15(5):527-47.

40. Orrey DC, Halawa OI, Bortsov AB, Shupp JW, Jones SW, Haith LR, Hoskins JM, Jordan MH, Bangdiwala S, Roane BM, **Platts-Mills TF**, Holmes JH, Hwang J, Cairns BA, McLean SA. Results of a pilot multi-centered genotype-based randomized placebo-controlled trial of propranolol to reduce pain after major thermal burn injury. *Clinical Journal of Pain*. 2014;31:21-9.

41. ǂ Stevens TB, Richmond NL, Pereira GF, Shenvi CL, **Platts-Mills TF**. Prevalence of non-medical problems among older adults presenting to the emergency department. *Academic Emergency Medicine*. 2014; 21:651-8.

42. Jones CW, Handler L, Crowell KE, Keil LG, Weaver MA, **Platts-Mills TF**. Non-publication of large randomized trials: cross sectional analysis. *BMJ*. 2013; 29:347-56.

43. LaMantia MA, Stewart PW, **Platts-Mills TF**, Biese KJ, Forbach C, Zamora E, McCall BK, Shofer FS, Cairns CB, Busby-Whitehead J, Kizer JS. Predictive value of initial triage vital signs for critically ill older adults. *Western Journal of Emergency Medicine*. 2013; 14:453-60.

44. Biese KJ, Forbach CR, Medlin RP, **Platts-Mills TF**, Scholer MJ, McCall B, Shofer FS, LaMantia M, Hobgood C, Kizer JS, Busby-Whitehead J, Cairns CB. Computer-facilitated review of electronic medical records reliably identifies emergency department interventions in older adults. *Academic Emergency Medicine*. 2013; 20:621-8.

45. **Platts-Mills TF**, Hunold KM, Weaver MA, Dickey RM, Fernandez AR, Fillingim RB, Cairns CB, McLean SA. Pain treatment for older adults during prehospital emergency care variations by patients gender and pain severity. *Journal of Pain*. 2013; 14:966-74.

46. ǂ Hunold KM, Esserman DA, Isaacs CG, Dickey RM, Pereira GF, Fillingim RB, Sloane PD, McLean SA, **Platts-Mills TF**. Side effects from oral opioids in older adults during the first week of treatment for acute musculoskeletal pain. *Academic Emergency Medicine* 2013; 20:872-9.

47. Kistler CE, Sloane PD, **Platts-Mills TF**, Beeber AS, Khandelwal C, Weber DJ, Mitchell CM, Reed D, Chisholm L, and Zimmerman S. Challenges of antibiotic prescribing for assisted living residents: perspectives of providers, staff, residents, and family members. *Journal of the American Geriatrics Society*. 2013; 61:565-70.

48. ǂ Isaacs CG, Kistler C, Hunold KM, Periera GF, Buchbinder M, Weaver MA, McLean SA, **Platts-Mills TF**. Shared decision making in the selection of outpatient analgesics for older emergency department patients. *Journal of the American Geriatrics Society*. 2013; 61:793-8.

49. Bortsov AV, **Platts-Mills TF**, Peak DA, Jones JS, Swor RA, Domeier RM, Lee DC, Rathlev NK, Hendry PL, Fillingim RB, McLean SA. Pain distribution and predictors of widespread pain in the immediate aftermath of motor vehicle collision. *European Journal of Pain*. 2013:17; 1243-51.

50. **Platts-Mills TF**, Hunold KM, Esserman DA, Sloane PD, McLean SA. Motor vehicle collision-related emergency department visits by older adults in the United States. *Academic Emergency Medicine*. 2012; 19:821-7.

51. Jones CW, Hunold KM, Isaacs CG, **Platts-Mills TF**. Randomized trials in emergency medicine journals, 2008-2011. *American Journal of Emergency Medicine*. 2013; 31:231-5.

52. **Platts-Mills TF**, Hunold K, Bortsov AV, Soward A, Peak DA, Jones JS, Swor RA, Lee DC,

Domeier RM, Hendry PL, Rathlev NK, McLean SA. More educated emergency department patients are less likely to receive pain medication. *Pain*. 2012; 153:967-73.

53. Jones CW, **Platts-Mills TF**. Quality of registration for clinical trials published in emergency medicine journals. *Annals of Emergency Medicine*. 2012; 60:458-64.

54. ǂ Lee YM, **Platts-Mills TF**, MacWilliams JB, Sochor MR, Jones JS, Schneider LW, McLean SA. Descriptions of motor vehicle collisions by participants in emergency department-based studies: are they accurate? *Western Journal of Emergency Medicine*. 2012; 13:329-4.

55. ǂ Gawor G, Biese K, **Platts-Mills TF**. Delay in spinal cord injury diagnosis due to sedation: a case report. *Journal of Emergency Medicine*. 2012; 43:413-8.

56. Zamora Z, McCall B, Patel L, Biese K, Lamantia M, **Platts-Mills T**, Naus N, Jerkewitz HP Cairns CB, Busby-Whitehead J, Kizer JS. Implementation of a Web-based system to improve the transitional care of older adults. *Journal of Nursing Care Quality*. 2012; 27:182-9.

57. **Platts-Mills TF**, Esserman DA, Brown DL, Bortsov AV, Sloane PD, McLean SA. Older US emergency department patients are less likely to receive pain medication than younger patients: results from a national survey. *Annals of Emergency Medicine*. 2012; 60:199-206.

58. **Platts-Mills TF**, Lee YM, Swor RA, Zaleski EZ, Clauw DJ, McLean SA. Pain and interference of pain with function and mood in elderly adults involved in a motor vehicle collision: a pilot study. *Experimental Aging Research*. 2012; 38:330-43.

59. ǂ Jones CW, **Platts-Mills TF**. Understanding commonly encountered limitations in clinical research: an emergency medicine resident's perspective. *Annals of Emergency Medicine*. 2012:59:425-31.

60. **Platts-Mills TF**, Ballina L, Bortsov AV, Soward A, Swor RA, Jones JS, Lee DC, Peak DA, Domeier RM, Rathlev NK, Hendry PL, McLean SA. Using emergency department-based inception cohorts to determine genetic characteristics associated with long term patient outcomes: methodology of the CRASH study. *BMC Emergency Medicine*. 2011; 11:14-19.

61. **Platts-Mills TF**, Biese K, LaMantia MA, Zamora Z, Patel LN, McCall B, Egbulefu F, Busby-Whitehead J, Cairns CB, Kizer JS. Nursing home revenue source and information availability during the emergency department evaluation of nursing home residents. *Journal of the American Medical Directors Association*. 2011; 13:332-6.

62. **Platts-Mills TF**, Leacock B, Cabanas J, McLean SA. Emergency medical services use in the elderly: analysis of a statewide database. *Prehospital Emergency Care*. 2010; 14:329-33.

63. LaMantia MA, **Platts-Mills TF**, Biese K, Khandelwal C, Forbach C, Cairns C, Busby-Whitehead J, Kizer JS. Predicting admission to the hospital and returns to the emergency department for elderly patients. *Academic Emergency Medicine*. 2010; 17:252-9.

64. **Platts-Mills TF**, Travers D, Biese K, McCall B, Kizer S, LaMantia M, Busby-Whitehead J, Cairns CB. Accuracy of the Emergency Severity Index triage instrument for identifying elderly emergency department patients receiving an immediate life-saving intervention. *Academic Emergency Medicine*. 2010; 17:238-43.

65. **Platts-Mills TF**, Campagne D, Chinnock B, Snowden B, Glickman LT, Hendey GW. A comparison of

video laryngoscopy versus direct laryngoscopy for emergency department intubations. *Academic Emergency Medicine*. 2009; 16:866-71.

66. **Platts-Mills TF**, Hendey GH, Ferguson B. Teleradiology interpretations of emergency department computed tomographic scans. *Journal of Emergency Medicine.* 2010; 38:188-95.

67. Tonna JE, Lewin MR, Hahn IH, **Platts-Mills TF**, Norell MA. A prospective, multi-year analysis of illness and injury during summer travel to arid environments. *Wilderness & Environmental Medicine*. 2009; 20:107-12.

68. DeKoning EP, Hakenwerth A, **Platts-Mills TF**, Tintinalli JE. Epidemiology of burn injuries presenting to North Carolina emergency departments in 2006-2007. *Burns*. 2009; 35:776-82.

69. **Platts-Mills TF**, Stendell E. Lewin MR, Moya M, Dhah K, Stroh G, Shallit M. An experimental study of warming intravenous fluids in a cold environment. *Wilderness & Environmental Medicine*. 2007 Fall; 18(3):177-85.

70. **Platts-Mills TF**, Lewin MR, Wells J, Bickler P. Improvised cricothyrotomy provides reliable airway access in an un-embalmed human cadaver model. *Wilderness Environmental Medicine*. 2006; 17(2):81-86.

71. **Platts-Mills TF**, Lewin MR, Ma S, Madsen T. The oral certification examination. *Annals of Emergency Medicine*. 2006; 47(3):278-82.

72. **Platts-Mills TF**, Burg MD, Snowden B. Obese patients with abdominal pain presenting to the emergency department do not require more time or resources for evaluation than nonobese patients. *Academic Emergency Medicine*. 2005; 12(8):778-81.

Review Articles

1. Hwang U, **Platts-Mills TF**. Acute pain management in older adults in the emergency department. *Clinics in Geriatric Medicine*. 2013; 29:151-64.

2. Carpenter CR, **Platts-Mills TF**. Evolving prehospital, emergency department, and “inpatient” management models for geriatric emergencies. *Clinics in Geriatric Medicine*. 2013; 29:31-47.

Invited Commentaries and Editorials

1. Newgard CD, **Platts-Mills TF**. Can an out-of-hospital medication history save lives for injured older adults? *Annals of Emergency Medicine*. 2017 Aug; 70(2):139-141.
2. LaMantia MA, **Platts-Mills TF**. Bending the curve on health trajectories for older adults discharged from the emergency department. *Annals of Emergency Medicine*. 2017 Apr;69(4):434-436.
3. LeFebvre EM, **Platts-Mills TF**. Resuscitating End-of-Life Care. *Annals of Emergency Medicine.* 2016 July;68(1):40-2.
4. **Platts-Mills TF**, Glickman SW. Measuring the value of a senior emergency department: making sense of health outcomes and health costs. *Annals of Emergency Medicine*. 2014; 63(5):535.
5. **Platts-Mills TF**, Owens ST, McBride MJ. A modern-day purgatory: older emergency department patients with non-operative injuries. *Journal of the American Geriatrics Society*. 2014; 62(3):525-8.

Letters to the Editor

1. **Platts-Mills TF**, Quigley BR, Duronio JP, Hoover MV, Burgh ET, LaMantia MA, Davis SM, Weaver MA, Zimmerman S. Development and Validation of a Brief Interactive Educational Video to Improve Outpatient Treatment of Older Adults' Acute Musculoskeletal Pain. *Journal of the American Geriatrics Society*. 2016 Apr 1;64(4):880-1.

2. ǂ Hunold KM, **Platts-Mills TF**. In Reply. *Academic Emergency Medicine*. 2016;23:107.

3. **Platts-Mills TF**, Poole C. Confounders, mediators, and selection bias. *Annals of Emergency Medicine*. 2015 Sep 1;66(3):339-40.

4. **Platts-Mills TF**, Barrio K, Isenberg EE, Glickman LT. Emergency physician identification of a cluster of elder abuse in nursing home residents. *Annals of Emergency Medicine*. 2014; 64:99-100.

5. **Platts-Mills TF**. Capsule commentary on Davydow et al., Neuropsychiatric disorders and potentially preventable hospitalizations in a prospective cohort study of older Americans. *Journal of General Internal Medicine*. 2014 Oct 1;29(10):1362-71.

6. Jones CW, **Platts-Mills TF**. Delayed publication of vaccine trials. *BMJ*. 2014; 348:3259.

7. Jones CW, **Platts-Mills TF**. Authors' reply to van Lent and Out. *BMJ*. 2013; 347:7588.

8. **Platts-Mills TF**, Keil LG. Delayed telephone consent in emergency medicine research. *Academic Emergency Medicine*. 2013; 20:855.

9. **Platts-Mills TF**, Richmond NL, Hunold KM, Bowling CB. Life-threatening hyperkalemia after 2 days of ibuprofen. *American Journal of Emergency Medicine*. 2013:31:465.

10. **Platts-Mills TF**, Hunold KM. Increase in older adults reporting mountaineering-related injury or illness in the United States, 1973-2010. *Wilderness and Environmental Medicine*. 2012; 24:86-8.

11. **Platts-Mills TF**, Sloane PD. Emergency department visits and infections. *CMAJ*. 2012; 184:678.

12. McLean SA, **Platts-Mills TF**, Hunold KM. Response to: who receives opioids for acute point in the emergency department? Considering evidence, patient and provider preferences. *Pain*. 2012; 153:2300.

Unpublished Oral Presentations

1. **Platts-Mills TF**, Dayaa JA, Reeve BB, Krajick K, Mosqueda L, Haukoos JS, Patel MD, McLean SA, Sloan PD, Travers D, Zimmerman S. Development of the Emergency Department Senior Abuse Identification Tool. Society for Academic Emergency Medicine Annual Meeting, Indianapolis, Indiana, May 2018.

2. **Platts-Mills TF**, Dayaa JA, Bush M, Namboodri BL, Richmond NL, Nelson L. Patient Health Literacy and the Receipt of Opioids in the Emergency Department: Identifying Modifiable Factors. Society for Academic Emergency Medicine Annnual Meeting, Indianapolis, Indiana, May 2018.

3. ǂ Richmond NL, Burks CE, Braz VA, Swor RA, Jones CW, Weaver MA, **Platts-Mills TF**. Modifiable Risk Factors for Malnutrition Among Older Adults Receiving Care in the Emergency Department. Society for Academic Emergency Medicine Annual Meeting, New Orleans, Louisiana, May 2016.

4. ǂ Evans C, Hunold KM, Rosen T, **Platts-Mills TF.** Diagnosis of Elder Abuse in US Emergency Departments. Society for Academic Emergency Medicine Annual Meeting, New Orleans, Louisiana, May 2016.

5. Jones C, **Platts-Mills TF**. Assessing the Quality of Primary Outcomes for Randomized Controlled Trials in Emergency Medicine. Society for Academic Emergency Medicine Annual Meeting, New Orleans, Louisiana, May 2016.

6. Jones C, **Platts-Mills TF**. Attitudes Toward Clinical Trial Participation and Publication Among Research Subjects in the Emergency Department. Society for Academic Emergency Medicine Annual Meeting, New Orleans, Louisiana, May 2016.

7. ǂ Burks CE, Natalie NL, Braz VA, Swor RA, Jones CW, Weaver MA, **Platts-Mills TF**. Modifiable Risk Factors for Malnutrition Among Older Adults Receiving Care in the Emergency Department. American Geriatric Society Annual Meeting, Long Beach, California, May 2016.

8. ǂ Flannigan S, Peak DA, Jones JS, Swor RA, Domeier RM, Lee DC, Rathlev NK, Hendry PL, McLean SA, Platts-Mills TF. Post-Traumatic Stress Disorder among Elderly Motor Vehicle Collision Victims Receiving Care in the Emergency Department: a Prospective Study. Society for Academic Emergency Medicine Annual Meeting San Diego, California, May 2015.

9. **Platts-Mills TF**, Swor RA, Jones JS, Lee DC, Peak DA, Domeier RM, Rathlev NK, Hendry PL, McLean SA. Older Adults with Persistent Musculosketal Pain after Motor Vehicle Collision are at Increased Risk of Functional Decline. Society for Academic Emergency Medicine Annual Meeting, Dallas, Texas, May 2014.

10. ǂ Roedersheimer K, Pereira G, **Platts-Mills TF**. Self-Reported vs. Performance-Based Assessments of Physical Function Among Older Adults in the Emergency Department. Society for Academic Emergency Medicine Annual Meeting, Orlando, Florida, May 2014.

11. ǂ Roedersheimer K, Pereira G, **Platts-Mills TF**. Self-Reported vs. Performance-Based Assessments of Physical Function Among Older Adults in the Emergency Department. American Geriatric Society Annual Meeting, Dallas, Texas, May 2014.

12. ǂ Pereira GF, Bulik C, Weaver M, **Platts-Mills TF**. Malnutrition among older emergency department patients. Society for Academic Emergency Medicine Annual Meeting, Dallas, Texas, May 2014.

13. ǂ Darsie M, Hunold KM, Waller, Fernandez A, **Platts-Mills TF**. Determinants of EMS use by older adults: a state-wide population based analysis. Society for Academic Emergency Medicine Annual Meeting, Dallas, Texas, May 2014.

14. ǂ Keil L**, Platts-Mills TF**, Jones CW. Systematic Reviews Published In Emergency Medicine Journals Do Not Routinely Search Clinical Trials Registries: A Cross-Sectional Analysis. Society for Academic Emergency Medicine Annual Meeting, Dallas, Texas, May 2014.

15. ǂ Hunold KM, Sochor MR, McLean SA, Mosteller KB, Fernandez AR, **Platts-Mills TF**. "Transport Rates For Older vs. Younger Adults Experiencing Motor Vehicle Collision: A Statewide Population-Based Study". Society for Academic Emergency Medicine Annual Meeting, Dallas, Texas, May 2014.

16. ǂ Hunold KM, Sochor MR, McLean SA, Mosteller KB, Fernandez AR, **Platts-Mills TF**. "Transport Rates For Older vs. Younger Adults Experiencing Motor Vehicle Collision: A Statewide Population-Based Study". Americn Geriatric Society, Orlando, Florida, May 2014.

17. ǂ Matthews S, Pereira GF, Fillingim RB, Swor RA, Jones JS, Lee DC, Peak DA, Domeier RM, Rathlev NK, Hendry PL, McLean SA, **Platts-Mills TF**. Age-related differences in recovery from pain due to motor vehicle collision: a prospective longitudinal study. Society for Academic Emergency Medicine; Atlanta, GA; May 2013.

18. ǂ Darsie M, Hunold KM, Kovach M, Richmond N, Tkacik TJ, Waller AE, Weaver MA, **Platts-Mills TF**. Geographic Variation in Emergency Department Use by Older Adults in North Carolina. Society for Academic Emergency Medicine; Atlanta, GA; May 2013.

19. ǂ Rittenberg AM, Matthews S, Pereira GF, Keil L, McLean SA, **Platts-Mills TF**. Shared decision making for the selection of analgesics for older adults with acute musculoskeletal pain: a prospective observational study. American Geriatric Society; Grapevine, TX; May 2013.

20. ǂ Hunold KM, Weaver MA, Dickey RM, Fernandez AR, Fillingim RB, Cairns CB, McLean SA, **Platts-Mills TF**. Pain treatment in older Adults during prehospital care in North Carolina: A descriptive analysis. Society for Academic Emergency Medicine; Atlanta, GA; May 2013.

21. ǂ Verma N, **Platts-Mills T**, Hunold K, Swor R, Peak D, Jones J, Rathlev N, Lee D, Domeier R, Hendry P, McLean S. Initial neuropathic pain symptoms predict musculoskeletal pain severity six weeks after MVC. Accepted for presentation at the Annual Meeting of the American Pain Society, New Orleans, LA, May 2013.

22. ǂ Isaacs CG, Kistler C, Hunold K, Pereira G, Buchbinder M, McLean SA, **Platts-Mills TF**. Shared decision making in the selection of outpatient analgesics for older emergency department patients. Society for Academic Emergency Medicine; Chicago, IL; May 2012.

23. ǂ Isaacs CG, Kistler C, Hunold K, Pereira G, Buchbinder M, McLean SA, **Platts-Mills TF**. Shared decision making in the selection of outpatient analgesics for older emergency department patients. American Geriatrics; Seattle, WA; May 2012.

24. Kucharska-Newton A, Jones SB, Kalbaugh CA, O'Brien EC, Patel M, Rosamond WD, Handler L, Fares WH, **Platts-Mills TF**, Rosamond WD. Gender differences in functional status following myocardial infaraction. A systematic review of the literature. American Heart Association Quality of Care and Outcomes Research Scientific Session; Atlanta, GA; May 2012.

25. **Platts-Mills TF**, Ballina L, Hunold KM, Ulirsch J, Diatchenko L, Bortsov A, Swor R, Peak D, Jones JS, Rathlev N, Lee D, Domieir R, Hendry P, Liberzon I, McLean SA. Influence of COMT HPS Haplotype on Peritraumatic Distress Severity among Women Experiencing Motor Vehicle Collision: Report of an Age x Gene Interaction. Society of Biological Psychiatry. Philidelphia, PA, May 2012.

26. **Platts-Mills TF**, Hunold KH, Esserman DA, Isaacs CG, Dickey R, Fillingim RB, Sturmer T, McLean SA. Side effects of opioid-containing analgesics vs. non-opioid analgesics for acute musculoskeletal pain in older adults: a cross-sectional study. Association for Clinical Research Training; Washington D.C.; April 2012.

27. **Platts-Mills TF**, Hunold KM, Esserman DA, Sloane PD, McLean SA. Motor vehicle collision-related emergency department visits by older adults in the United States. Society for Academic Emergency Medicine; Boston, MA; June 2011.

28. **Platts-Mills TF**, Esserman DA, Brown DL, Bortsov AV, Sloane PD, McLean SA. Older US emergency department patients are less likely to receive pain medication than younger patients: results from a national survey. Society for Academic Emergency Medicine; Boston, MA; June 2011.

29. **Platts-Mills TF**, Esserman DA, Brown DL, Bortsov AV, Sloane PD, McLean SA. Older US emergency department patients are less likely to receive pain medication than younger patients: results from a national survey. American Pain Society; Austin, TX; May 2011.

30. Orrey D, Shupp J, Hoskins J, **Platts-Mills TF**, Bortsov A, Bangdiwala S, Haith L, Diatchenko L, Holmes J, Jordan M, Cairns B, McLean SA. Pilot multicenter, genotype-based, randomized, double-blind, placebo-controlled trial of propranolol to reduce initial pain symptoms in patients with major burn injury. American Pain Society; Austin, TX; May 2011.

31. Ballina L, **Platts-Mills TF**, Jones J, Peak D, Swor R, Soward AC, Whittington K, Lee D, Rathlev N, Domeier R, Orrey D, Liberzon I, McLean SA. Receipt of mental health care services in the initial weeks after motor vehicle collision is rare among patients with persistent neck pain and substantial co-morbid PTSD symptoms. American Pain Society; Austin, TX, May 2011.

32. Halawa OI, Mclean SA, Lee YM, **Platts-Mills TF**, Zaleski E, Withrow A, Clauw DJ, Liberzon I. Elevated Cortisol Levels after Motor Vehicle Collision Predict Post Traumatic Stress Disorder and Depressive Symptoms at 1 Month. Society of Biological Psychiatry; New Orleans, LA; May 2010.

33. **Platts-Mills TF**, Travers D, Biese K, McCall B, Kizer S, LaMantia M, Busby-Whitehead J, Cairns CB. Accuracy of the Emergency Severity Index triage instrument for identifying elderly emergency department patients receiving an immediate life-saving intervention..American Geriatrics Society; Chicago, IL; May 2009.

Other Un-Refereed Works

1. **Platts-Mills TF**, Burg MD. Epiploic appendagitis. *Journal of Emergency Medicine*. 2009; 37:308-9.

2. **Platts-Mills TF**, Burg MD, Pollack ZT. Images in Emergency Medicine: Calcaneal avulsion fracture. *Emergency Medicine Journal*. 2007 Mar; 24(3):231.

3. **Platts-Mills TF**. Review of Emergency Medicine Written Board Review, Sixth Edition. *Journal of Emergency Medicine*. 2007 Feb; 32(2) 229-230.

4. **Platts-Mills TF**, Burg MD. Images in Emergency Medicine: Reexpansion pulmonary edema. *Annals of Emergency Medicine*. 2006; 48(4):475 & 512.

Teaching Activities

Course Director

2017-present	Director, Emergency Medicine Research Fellowship. Department of Emergency Medicine
2012-present	Course Director, UNC Department of Emergency Medicine Journal Club
2011-present	Co-Director, Geriatric Emergency Medicine Fellowship. Department of Emergency Medicine

2015-2018 EPID 805/806 Instructor, Clinical Research Skills: Proposal Development

2015 Co-leader, Responsible Conduct of Research course

2012-2013 Course Director, NUTR 692H (Honors Thesis in Nutrition)

2011-2012 Course Director, BIOS 692H (Honors Thesis in Biostatistics)

Grand Rounds and Invited Seminars and Presentations

"Creating Age-Friendly Streets – Part 1"
Invite Webinar for Pedestrian & Bicycle Information Center (233 attendees)
Chapel Hill, NC, April 2019

"ASA Malnutrition Highlighted Session – Let's Talk Policy & Practice"
American Society on Aging
New Orleans, LA, April 2019

"The Emergency Department Senior Abuse Identification (AID) Tool: An Update"
Invited Lecture for the John A. Hartford Foundation and the Education Development Center
Memphis, TN, February 2019

"Using the Emergency Department Visit to Bridge the Gap Between the Medical System and Community-Based Organizations"
Pidement Triad Regional Council Remarkable Integration Conference
Greensborough, NC, December 2018

"Mentorship: A Guide for Junior Faculty"
Invited Lecture for Epidemiology 802 Clinical Research Skills
Chapel Hill, NC, September 2017

"Pain Management in Older Adults: How to Help, How not to Harm."
Society for Academic Emergency Medicine
Orlando, FL, May 2017

"Identification of Elder Abuse"
28th Annual May Day Trauma Conference
Chapel Hill, NC, May 2017

"Shared decision making to improve the emergency care of older adults: a research agenda."
Leader, Consensus Conference meeting
Society for Academic Emergency Medicine
New Orleans, LA, May 2016

"Shared Decision Making to Support the Provision of Palliative and End-of-Life in the Emergency Department: A Consensus Statement and Research Agenda."
Leader, Consensus Conference meeting
Society for Academic Emergency Medicine
New Orleans, LA, May 2016

"How to Run a Successful ED-Based Industry Sponsored Clinical Trials Program."
Society for Academic Emergency Medicine

New Orleans, LA, May 2016

"Under-Recognition of Elder Abuse in U.S. Emergency Departments"
Invited Expert Presentation
John A. Hartford Foundation
New York, NY, February 2016

"Responsible Conduct of Research: Registration and Reporting of Clinical Trials"
Responsible Conduct of Research Training Course
Chapel Hill, NC, July 2015

"Clinical Trial Registration: Essential Knowledge for Investigators, Peer Reviewers, and Clinicians"
Didactic Presentation at Society for Academic Emergency Medicine National Meeting
San Diego, California, May 2015

"Antibiotics Stewardship in Older Adults"
PodCast AHRQ
Chapel Hill, North Carolina, February 2015

"Outpatient Treatment of Acute Musculoskeletal Pain in Older Adults"
Grand Rounds, University of San Francisco California - Fresno
Fresno, CA, January 2015

"Misses, Delays, and Saves: Cultivating Your Clinical Curiosity after Emergency Medicine Residency
Emergency Medicine Grand Rounds, University of San Francisco California - Fresno
Fresno, CA, January 2015

"Determinants and Consequences of Persistent Pain after Motor Vehicle Collision among Older Adults"
Comprehensive Center for Healthy Aging Noon Conference
Veterans Affairs Medical Center
Birmingham, AB, November 2014

"Treating Acute Musculoskeletal Pain in Older Adults: An Emergency Physician's Perspective"
Emergency Medicine Grand Rounds at the University of Alabama Birmingham
Birmingham, AB, November 2014

"Screening for Elder Abuse in the Emergency Department"
The Donald W. Reynolds Retreat Invited Lecture
Durham, NC, October 2014

"Persistent pain and functional decline among older adults during the year after motor vehicle collision"
Geriatric Research, Education and Clincal Center Conference
Durham, NC, September 2014

"There's more than one reason for malnutrition in seniors"
WUNC – North Carolina Public Radio
Chapel Hill, NC, August 2014

"Building a Geriatric Emergency Department Risk Stratification Toolbox: Evidence-Based Screening for Cognitive Impairment, Risk of Falls, and Functional Decline"
Symposium at Society for Academic Emergency Medicine National Meeting
Dallas, TX, May 2014

"Caring for Geriatric Patients in the Emergency Department Setting, Part 5. Pain Management Challenges"
Department of Veteran Affairs, Employee Education System
Invited Webinar, VA TMS Item Number: 19980
New York, NY, February 2014

"Registering and Reporting Results of Clinical Trials: Ethical Problems, Investigator Responsibilities, and Policy Solutions"
Research Ethics Grand Rounds
UNC Center for Bioethics
Chapel Hill, NC, February 2014

"Treating Pain in Older Adults"
The Donald W. Reynolds Foundation Special Faculty Scholars Retreat
Chapel Hill, NC, December 2013

"What we don't know about medical treatments"
National Public Radio's The State of Things
Durham, NC, November 2013

"Buried Clinical Trials"
Canadian Broadcasting Corporation Invited Interview
November 2013

"Geographic Variation in Emergency Department Use by Older Adults in North Carolina"
UNC Institute on Aging Seminar Series
Chapel Hill, NC, October 2013

"Trauma in Older Adults"
Duke Emergency Medicine Invited Lecture
Durham, NC, November 2011

Training Grant Director

2017-present Co-PI NHLBI T35 medical student summer research training grant

Mentoring

Junior Faculty

2018-present Mentor for Mehul Patel, Research Assistant Professor in Emergency Medicine

2018-present Mentor for Montika Bush, Research Assistant Professor in Emergency Medicine

2014-2015 Mentor for Christina Shenvi, MD, PhD, recipient of GEMSTAAR career development award.

Fellows

2017-2018 Mentor for Jason Bischof, Research Fellow in Emergency Medicine and Hematology

Graduate Students

2015-2016 Mentor for Chris Evans, Master's Paper, Dept. of Epidemiology

2013 Mentor for Daniel Wurzelmann, Master's Paper, Dept. of Epidemiology.

2012 Mentor for Scott Owens, Master's Paper, Dept. of Epidemiology.

Residents

2008-2010 Mentor for Chris Jones, Resident, Dept. of Emergency Medicine

Medical Students

Graduate Student Prizes Give to Trainees

2015 Society for Academic Emergency Medicine Gallery of Excellence Poster Award for Greg Pereira.

2014 Best Geriatric Emergency Medicine Abstract by a Medical Student awarded to Katie Hunold.

2014 Kathryn D. Wriston Stellar MSTAR Scholar for 2014 awarded to trainee Kyle Roederscheimer.

Grants-Active

NIA-R01AG058702 Platts-Mills (PI) 02/15/19 – 1/30/23
National Institute on Aging
The goal of this grant is to conduct a 3-arm, patient-level randomized trial of an emergency department-based intervention to improve early outpatient pain management in older adults. The intervention combines an educational video with telecare phone follow-up by a nurse 48-72 hours after the emergency department visit.
Role: PI
Amount: $2,571,263
Percent Effort: 35%

ORIIR180039-01-00 Jones, CW (PI) 07/01/2018-06/30/2020
U.S. Department of Health and Human Services, Office of Research Integrity
Peer Review Evaluation of Registered End-Points of Randomized Trials (PRE-REPORT Study)
Cluster-randomized trial involving 13 high-impact journals from a broad spectrum of medical specialties in which peer reviewers who are evaluating clinical trial manuscripts are sent information about the registration status of the trial they are reviewing. This trial tests the intervention's impact on journal compliance with International Committee of Medical Journal Editors (ICMJE) guidelines on trial registration and publication.
Role: Co-I
Percent Effort: 5%

1UG3DA047003-01 Platts-Mills (Co-I) 03/01/18 – 02/28/23
EMBED: Pragmatic Trial of User-Centered Clinical Decision Support to Implement Emergency Department-Initiated Buprenorphine for Opioid Use Disorder

The goal of this project is to evaluate the effect of user-centered computerized clinical decision support for ED patients with opioid use disorder upon rates of emergency department-initiation buprenorphine and referral for ongoing medication assisted treatment through a multicenter, pragmatic, stepped wedge implementation trial.
Role: Co-I
Amount: $819,454
Percent Effort: 10%

NHLBI-T35 HL134624 Platts-Mills (Co-PI) 06/01/17 – 05/31/22
UNC-CH ISTEM Program
The goal of this project is to support training of UNC medical students in research methods dealing with issues related to diseases of the heart, lung, and blood. The leadership for this grant is provided by investigators in emergency care research and there is an emphasis on conditions relevant to emergency care.
Role: Co-PI
Amount: $223,365
Percent Effort: 0%

NIJ-CX-2015-0022 Platts-Mills (PI) 04/01/16 – 12/31/19
Development and Validation of a Screening Tool to Identify Elder Abuse in U.S. Emergency Departments
The goal of this project is to develop and validate a screening tool, the Senior Abuse Identification (Senior AID) tool, to identify elder abuse among older adults receiving care in U.S. emergency departments. The validation phase of the study will enroll 1800 patients at three sites.
Role: PI
Amount $969,325
Percent Effort: 22.5%

John A. Hartford Foundation Stoeckler (PI) 01/01/19 – 12/31/20
National Collaboratory to Address Elder Mistreatment
The goal of this project is improve the identification and treatment of elder mistreatment in U.S. emergency departments. This involves finalizing a protocol for elder abuse identification and implementing the intervention in a network of emergency departments. The work includes the Senior AID tool, developed by our research group, as a core component.
Role: Consultant

Grants-Completed

AHRQ R18 HS22846 Sloane (PI) 05/01/14 -04/30/18
Infection Management and Antibiotic Stewardship in Nursing Homes
The goal of this project is to compare different strategies for promoting antibiotic stewardship is nursing homes. One strategy focuses on physician groups providing care for patients in this setting. The other strategy focuses on the nursing home itself. The impact of these strategies on antibiotic prescribing and patient outcomes will be examined.
Role: Co-Investigator
Amount: $1,492,495
Percent Effort: 5%

K23 AG038548 Platts-Mills (PI) 07/01/13 - 07/01/17
Persistent Pain and Associated Function Decline among Elderly Individuals Experiencing Minor Motor Vehicle Collision

The goal of this project is to describe trajectories of pain and function after MVC among patients aged 65 years of age and older and assess the contribution of modifiable psychological and cognitive responses to MVC to the development of persistent pain and functional decline.
Role: PI
Amount: $158,000
Percent Effort: 75%

Hartford Collaborative Pilot Project Platts-Mills (Co-PI) 07/01/14 – 07/01/15
A Brief Patient-Oriented Educational Video to Improve Outcomes for Older Adults with Acute Musculoskeletal Pain
The goal of this project is to develop a 5-10 minute evidence-based educational video that will provide older adults essential knowledge for the effective and safe pharmacologic and non-pharmacologic self-management of acute musculoskeletal pain. The project is co-led by an emergency physician experienced in the conduct of ED-based research on pain in older adults and a social gerontologist/health services researcher with expertise in the development of educational videos and evaluation. The video will serve as the intervention in a clinical trial to reduce persistent pain and medication-related side effects. This inexpensive, scalable intervention has the potential to improve outcomes for many older adults.
Amount: $40,000
Percent Effort: 5%

The May Day Fund McLean (PI) 02/01/11-02/01/14
PAIN HELP: A proof of concept trial to prevent the transition from acute to chronic pain after motor vehicle collision
The goal of the PAIN HELP Trial is to demonstrate that emergency medicine providers may be able to prevent chronic pain by providing interventions to high-risk individuals at the time of the ED visit.
Role: Co-Investigator
Amount: $241,735.60
Percent Effort: 0%

Carolina Medical Student Research Program Platts-Mills (sponsor) 06/01/15-08/30/15
Patient education and phone follow-up to improve pain management in older adults with acute musculoskeletal pain: a pilot randomized trial.
Role: Sponsor for Ben Quigley, UNC Chapel Hill Medical Student
Amount: $3,000
Percent Effort: 0%

Carolina Medical Student Research Program Platts-Mills (sponsor) 06/01/15-08/30/15
Identifying causes of malnutrition among older adults receiving care in the emergency department.
Role: Sponsor for Collin Burks, UNC Chapel Hill Medical Student
Amount: $3,000
Percent Effort: 0%

Summer Undergraduate Research Fellowship Platts-Mills (sponsor) 06/01/13-08/30/13
A Prospective Evaluation of Shared Decision-making Regarding Analgesics Selection for Older Emergency Department Patients With Acute Musculoskeletal Pain.
Role: Sponsor for Wesley Holland, UNC Chapel Hill Undergraduate
Amount: $3,000
Percent Effort: 0%

Medical Student Training in Aging Research Platts-Mills (sponsor) 06/01/13-08/30/13
Comparison of self-reported and performance-based measures of physician function in older adults.

Role: Sponsor for Kyle Roedersheimer, UNC Chapel Hill Medical Student
Amount: $5,000
Percent Effort: 0%

Medical Student Training in Aging Research Platts-Mills (sponsor) 06/01/13-08/30/13
Effect of patient age on ambulance transportation for adults experiencing motor vehicle collision.
Role: Sponsor for Katherine Hunold, University of Virginia Medical Student
Amount: $5,000
Percent Effort: 0%

Summer Undergraduate Research Fellowship Platts-Mills (sponsor) 06/01/13-08/30/13
Prevalence of Malnutrition Among Older Adults Presenting to the Emergency Department in North Carolina
Role: Sponsor for Greg Pereira, UNC Chapel Hill Undergraduate
Amount: $3,000
Percent Effort: 0%

Second Decade Society Internship Platts-Mills (sponsor) 06/01/13-08/30/13
Geographic variation in the medical care of older adults in North Carolina
Role: Sponsor for Natalie Richmond, Johns Hopkins University Undergraduate
Amount: $2,000
Percent Effort: 0%

Medical Student Research Grant Platts-Mills (sponsor) 06/01/13-08/30/13
An Assessment of Needs of Older Adults Presenting for Emergency Care
Role: Sponsor for Tarshona Stevens, Meharry Medical College Medical Student
Amount: $3,000
Percent Effort: 0%

DeFriese Career Development in Aging Award Platts-Mills (PI) 07/01/12-07/1/13
Geographic Variation in Emergency Department Use by Older Adults in North Carolina
The goal of this project is to describe variation in ED use by older adults in North Carolina and to assess the influence of primary provider availability on ED use.
Role: PI
Amount: $5,000
Percent Effort: 0%

Hartford Center of Excellence Scholar Platts-Mills (PI) 07/01/12-07/01/13
Funding from this grant is used to supplement funds from the KL2 award to expand enrollment of patients in the ongoing observational study of outcomes for older adults after motor vehicle collision.
Amount: $10,000
Percent Effort: 0%

KL2 RR025746-03 Runge (Institutional PI) 07/01/10 - 5/01/13
Persistent Pain and Function Decline in Elderly Adults after Motor Vehicle Collision
The goal of this project is to develop an emergency department research network and collect pilot data assessing the influence of psychological, cognitive, crash-related, and sociodemographic factors on the development of chronic post-MVC musculoskeletal pain and associated functional decline in patients 65 years of age and older.
Role: PI
Amount: $125,000
Percent Effort: 75%

Medical Student Training in Aging Research Platts-Mills (sponsor) 06/01/12-08/30/12
Observational Study of Barriers to Effective Pain Management in Older Emergency Department Patients
Role: Sponsor for Alison Rittenberg, UNC Chapel Hill Medical Student
Amount: $5,000
Percent Effort: 0%

Medical Student Training in Aging Research Platts-Mills (sponsor) 06/01/11-08/30/11
Observational Study of Effectiveness and Side Effects of Outpatient Pain Management in Older Adults
Role: Sponsor for Cameron Isaacs, UNC Chapel Hill Medical Student
Amount: $5,000
Percent Effort: 0%

Summer Undergraduate Research Fellowship Platts-Mills (sponsor) 06/01/11-08/30/11
Patient Socioeconomic Status and Pain Management in the Emergency Department
Role: Sponsor for Katherine Hunold, UNC Chapel Hill undergraduate in biostatistics
Amount: $3,000
Percent Effort: 0%

NCTraCS $10K Pilot Grant Platts-Mills (PI) 01/01/10-12/01/10
Identifying Predictors of Persistent Pain in Older Patients Following Minor Motor Vehicle Crash
Role: PI
Amount: $10,000
Percent Effort: 0%

UNC Jr Faculty Development Award Platts-Mills (PI) 01/01/10-12/01/10
Identifying Predictors of Persistent Pain in Older Patients Following Minor Motor Vehicle Crash
Role: PI
Amount: $7,500
Percent Effort: 0%

Professional Service

Professional Service to Discipline

2014-present	Fellow, American College of Emergency Physicians
2017	Study Section Co-Chair, National Institute of Justice Reviews for grant announcements related to Elder Abuse prevention, Measurements of Teen Dating Violence, and Studies of Interpersonal Violence.
2016	Study Section Member, National Institute of Justice Reviews for grant announcements related to Elder Abuse prevention, Measurements of Teen Dating Violence, and Studies of Interpersonal Violence.
2013-2015	Co-Chair, Geriatric Special Interest Group, American Pain Society
2011-2014	Reynolds Special Geriatric Medicine Faculty Scholar – Donald W. Reynolds Foundation “Next Steps in Physicians Training in Geriatrics”

2011-2012 Chair, Academy of Geriatric Emergency Medicine, Society for Academic Emergency Medicine

Editorial Positions

2018-present Editorial Board, *JAMDA, The Journal of Post-Acute and Long-Term Care Medicine*

2017-present Associate Editor, *Annals of Emergency Medicine*

2011-2017 Editorial Board, *Annals of Emergency Medicine*

Ad Hoc Journal Reviews

Annals of Emergency Medicine – 59 reviews since 2007

BMC Emergency Medicine – 3/15

BMJ – 2/18

Journal of General Internal Medicine – 3/15

Annals of Internal Medicine – 2/15

Clinical Nutrition – 2/15

Academic Emergency Medicine – 5/12, 7/13, 8/13, 9/13, 12/13, 8/14, 9/14

American Journal of Public Health – 7/14

Journal of the American Geriatric Society – 11/12, 2/12, 3/14

Traffic Injury Prevention – 10/12, 5/13

American Journal of Emergency Medicine – 12/10

Journal of Emergency Medicine – 6/10

Professional Service to UNC

Committee Membership within UNC

2019 Study Section, UNC KL2 Review Committee

2015-present Emergency Medicine representative to Urology Quality Care Group

2015-present Member, UNC Faculty Council

2012-present Study Section Member, Carolina Medical Student Research Progrom, School of Medicine, University of North Carolina at Chapel Hill

2014 Gordon H. DeFriese Award Committee

Professional Service to Department

2017-present	Vice-Chair of Research, Department of Emergency Medicine
2016-present	Executive Council, Department of Emergency Medicine
2015-present	Member of the Recruitment and Interviewing Committee, Dept. of Emergency Medicine
2015-present	Member of the Finance Committee, Dept. of Emergency Medicine
2010-present	Lead instructor, Journal Club
2015-2017	Director of Clinical Research

Research Statement

I have two primary, funded research interests, both of which involve the emergency care of older adults. The first interest is developing knowledge to reduce the transition from acute to chronic musculoskeletal pain among older adults. My research group's work in understanding this transition has evolved from retrospective analyses of large datasets, to prospective longitudinal studies, to the development and testing of an intervention. My prospective longitudinal work was supported by a UNC KL2 award and an NIH/NIA K23 award. These studied generated the following findings: (1) Persistent pain and functional disability are common in older adults presenting to the emergency department (ED) with acute musculoskeletal pain. (2) Older adults are less likely to receive analgesic treatment during or after the ED visit than younger patients. Those who are prescribed opioids after an ED visit often experience side effects (particularly nausea and constipation) that result in discontinuation of the medication. (3) Specific factors can predict persistent pain, and some of these factors are modifiable, suggesting the potential for interventions. In particular, physical activity during the early recovery period is associated with improved outcomes. Additionally, patients with less formal education and lower health literacy are more likely to become new long-term opioid users and transition from acute to persistent pain. (4) Many older patients with musculoskeletal pain have very limited knowledge regarding classes of analgesics, contraindications, and side effects. (5) Shared decision-making between clinicians and patients does not consistently occur during the ED encounter, but when it does occur is associated with improved long-term outcomes.

Integrating these findings with my own clinical experience led me to a simple but important hypothesis: Among older adults presenting to the ED with musculoskeletal pain, educating patients about the safe use of analgesics and appropriate recovery behaviors has the potential to reduce the transition from acute to chronic pain. Building on this hypothesis, Dr. Sheryl Zimmerman and I obtained funding from the John A. Hartford Foundation to develop an interactive educational video to improve patient knowledge and support shared decision-making regarding pain management for older ED patients. The result was the Brief EducaTion To Enhance Recovery from Pain (*Better from Pain*) video. We then established the benefit of the video on patient knowledge and self-efficacy, and following this established the feasibility of using the video in a clinical trial. The feasibility study tested three arms: (1) the *BETTER from Pain* video; (2) the *BETTER from Pain* video plus nurse telecare at 48-72 hours; and (3) usual care. This trial not only established the feasibility of the study based on rates of enrollment, protocol adherence, and follow-up, it also generated promising preliminary estimates of benefit for patients randomized to the intervention arms in terms of improved pain symptoms and reduce opioid use one

month after the ED visit. We recently received R01 funding (R01AG058702; PI-Platts-Mills) to conduct a properly-powered efficacy study in 400 patients. We have also applied for PCORI and NIH HEAL funding to test the video in younger adults.

My second area of interest is the identification of elder abuse in the ED. As with the studies of musculoskeletal pain, the initial work used national data and cross-sectional ED-based studies to describe the problem. We found that approximately 7% of older ED patients have experienced abuse in the past year, but these cases are not routinely identified by existing screening tools or current clinical practice. With support from a large independent award (2015-IJ-CX-0022; PI-Platts-Mills) from the National Institute of Justice, we have now derived an ED-based screening tool to identify elder abuse based on screening of 259 patients. We are currently conducting the validation testing of this tool at three sites with a goal of enrolling 1800 patients. We are also collaborating with leaders in the field of elder abuse research through the National Collaboratory to Address Elder Mistreatment to develop and test implementation strategies. We are also currently in conversations with Program Officers from the NIJ regarding funding to develop and test an elder abuse screening tool in the prehospital setting.

My approach to research is informed by the following ideas. (1) I benefit from partnering with people whose strengths complement my own strengths and weaknesses. My strengths are my enthusiasm, persistence, self-assurance, ability to build and lead a team, and the pleasure I derive from analyses and writing. In Dr. Sam McLean, I found a teacher who is focused, detail oriented, and passionate about the content of his research. Working with Sam helped me become more disciplined and focused in my own approach, enabling me to become a more successful researcher. (2) Learning new analytic methods can increase understanding and open doors. During my MSCR training, I learned about various approaches to adjustment to support causal inference. This exposure was essential for the analyses we conducted in our shared decision-making papers. It also greatly strengthened my work as a decision editor (now Associate Editor) for *Annals of Emergency Medicine*. My training also led me to a friendship and collaboration with Dr. Mark Weaver, who helped demystify clinical trials so that I saw them as a way to overcome many of the limitations of observational research. (3) Improving health outcomes for older adults requires empowering the patient. In developing our video and telecare intervention, we seek to empower patients by supporting them in making appropriate decision about analgesics and behaviors to support their recovery. Our screening tool for elder abuse seeks to give voice to some of the most disempowered and vulnerable members of our society.

I have received outstanding training in both epidemiology and biostatistics from the UNC School of Public Health MSCR program and the UNC KL2 program, and I continue to benefit from relationships initially cultivated during that training period with Dr. Morris Weinberger, Dr. Mark Weaver, and Dr. Sheryl Zimmerman. I have also benefitted tremendously from outstanding research mentorship from Dr. Sam McLean, Dr. Phil Sloane, and Dr. Frank Keefe (Duke). I have received career mentorship from Dr. Jan Busby-Whitehead, who helped me improve my ability to cultivate relationships with other leaders. In Dr. Jane Brice, I have found a mentor and friend. I am greatly appreciative of the culture of interdisciplinary research at UNC, and I do my best to reciprocate by creating a culture of collaboration within and beyond the Department of Emergency Medicine's research program.

Teaching Statement

I am a committed and successful educator. Over the past decade, my teaching has expanded from my core clinical teaching responsibility focusing on medical students and emergency medicine residents, to the teaching and mentoring of junior research faculty, fellows, and research staff in the Department of Emergency Medicine. My current role as Vice-Chair of Research gives me the opportunity to teach and mentor three PhD-trained researchers (Dr. Michelle Meyer, Dr. Montika Bush, and Dr. Mehul Patel). For the past two years, I have also taught courses in research proposal development (EPID 805/806). My success in each of these teaching endeavors is marked by teaching awards from residents (Socrates awards x3; 2009-2011), a research mentoring award (2013), successful matriculation of mentees into

outstanding medical schools (UNC, UVA, U. Penn, Yale), and the development and submission of outstanding, funded proposals (e.g., Dr. Christina Shenvi's GEMSSTAR NIA R03 grant, Dr. Montika Bush's Simmons Scholarship, Dr. Chris Jones's Office of Research Integrity grant). My clinical teaching reviews consistently rate me in the top quartile of teachers in our department. Most important to me, I continue to have productive mentoring and collegial relationships with many of my former mentees, most notable Katie Hunold, MD (now Katie Bush, 17 co-authored papers since 2011) and Chris Jones, MD (16 co-authored papers since 2012). When relationships are built on a strong foundation of mutual respect and common interests, they last a long time.

My teaching philosophy is rooted in several insights. First, I care about the people I teach and take time to understand what they care about and what challenges they face. I help my students reach their goals but also expose themselves to situations that will allow them to challenge their goals. I make it clear to my mentees that I will support them even if they decide not to do research in the long-term, because I want them to recognize, test, and cultivate their own motivation to do research. Similarly, I show medical students why I enjoy the clinical practice of emergency medicine, but I encourage them to find the right medical specialty for them. Second, I embrace the philosophy of "everyone teaches and everyone learns." In my leadership of our weekly research meetings, I do my best to ensure that even the most junior members feel comfortable expressing an idea or opinion. Although in most of my relationships I am the teacher (not the student), I recognize that I have a lot to learn, even from my most junior mentees, and I try to take every opportunity to improve my knowledge and processes. Similarly, in the clinical setting I do my best to eliminate the hierarchical barriers that sometimes restrict communication across members of the clinical care team. Third, I push students to do as much as they can on their own. In clinical settings, medical students and 1st year residents often present cases and then describe a choice that needs to be made and ask me to make it. I have taught myself to respond by asking the student to tell me what they want to do. Students always have an opinion. Requiring them to articulate their opinion increases their confidence if their opinion matches mine and increases learning for both of us if it does not. Finally, in my teaching I emphasize process over product. The goal is not to get a paper published or a grant funded. The goal is to immerse the research team in a subject and learning experience, design a rigorous and important study, collect high-quality data, and analyze and describe the results in a manner that provides valuable insights for our team and others. If the process is good, the products will be also.