## Millennium Cohort Program Publications

Products of the Millennium Cohort Study and the Millennium Cohort Family Study

- Porter B, Bonanno GA, Frasco MA, Dursa EK, Boyko EJ. Prospective post-traumatic stress disorder symptom trajectories in active duty and separated military personnel. Journal of Psychiatric Research. 2017 Jun;89:55-64.
- Kaur N, Porter B, LeardMann CA, Tobin TE, Lemus H, Luxton DD. Evaluation of a modified version of the Posttraumatic Growth Inventory-Short Form. BMC Research Methodology. 2017 Apr;17(1):69.
- Porter CK, Welsh M, Riddle MS, Nieh C, Boyko EJ, Gackstetter GD, Hooper TI. Epidemiology of inflammatory bowel disease among participants of the Millennium Cohort: incidence, deployment-related risk factors, and antecedent episodes of infectious gastroenteritis.
   Alimentary Pharmacology & Therapeutics. 2017 Apr;45(8):1115-1127.
- 4. Ippolito AC, Seelig AD, Powell TM, Conlin AMS, Crum-Cianflone NF, Lemus H, Sevick CS, LeardMann CA. Risk factors associated with miscarriage and impaired fecundity among United States servicewomen during the recent conflicts in Iraq and Afghanistan. Women's Health Issues; 2017 Feb;27(3):356-365.
- 5. Granado NS, Pietrucha A, Ryan M, Boyko EJ, Hooper TI, Smith B, Smith TC. Longitudinal assessment of self-reported recent back pain and combat deployment in the Millennium Cohort Study. Spine (Phila Pa 1976). Spine. 2016 Nov;41:1754–1763.
- Rush T, LeardMann CA, Crum-Cianflone NF. Obesity and associated adverse health outcomes among US military members: Findings from the Millennium Cohort Study. Obesity. 2016 Jul;24(7):1582-1589.
- 7. Mitchell KS, Porter B, Boyko EJ, Field AE. Longitudinal associations among PTSD, disordered eating, and weight gain in military men and women. American Journal of Epidemiology. 2016 Jul;184(1):33-47.
- 8. Crum-Cianflone NF, Powell TM, LeardMann CA, Russell DR, Boyko EJ. **Mental health and comorbidities in U.S. military members**. Military Medicine. 2016 Jun;181(6):537-45.
- 9. Seelig AD, Jacobson IG, Donoho CJ, Trone DW, Crum-Cianflone NF, Balkin TJ. **Sleep and health resilience metrics in a large military cohort.** Sleep. 2016 May;39(5):1111-1120.
- 10. Millegan J, Wang L, LeardMann CA, Miletich D, Street AE. Sexual trauma and adverse health and occupational outcomes among men serving in the US Military. Journal of Traumatic Stress. 2016 Apr;29(1):132-40.

- McCutchan PK, Liu X, LeardMann CA, Smith TC, Boyko EJ, Gore KL, Freed MC, Engel CC.
   Deployment, combat, and risk of multiple physical symptoms in the US military: A prospective cohort study. Annals of Epidemiology. 2016 Feb;26(2):122-8.
- 12. Riddle MS, Welsh M, Porter CK, Nieh C, Boyko EJ, Gackstetter GD, Hooper TI. **The epidemiology of Irritable Bowel Syndrome in the US military: Findings from the Millennium Cohort Study.**American Journal of Gastroenterology. 2016 Jan;111:93-104.
- 13. Crum-Cianflone NF, Frasco M, Armenta RF, Phillips CJ, Horton J, Ryan MAK, Russell DW, LeardMann CA. **Prescription stimulants and post-traumatic stress disorder among U.S. military Service members.** Journal of Traumatic Stress. 2015 Dec;28(6):585-589.
- 14. Jacobson IG, Donoho CJ, Crum-Cianflone NF, Maguen S. Longitudinal assessment of gender differences in the development of PTSD among US military personnel deployed in support of the operations in Iraq and Afghanistan. Journal of Psychiatric Research. 2015 Sep;68:30-6.
- 15. Millegan J, Schaller EK, LeardMann CA, Street AE, Williams D, Trone DW, Crum-Cianflone NF. Recent sexual trauma and adverse health and occupational outcomes among US Service women. Journal of Traumatic Stress. 2015 Aug;28(4):298-306.
- 16. Boyko EJ, Trone DW, Peterson AV, Jacobson IG, Littman AJ, Maynard C, Seelig AD, Crum-Cianflone NF, Bricker JB. Longitudinal investigation of smoking initiation and relapse among younger and older US military personnel. American Journal of Public Health. 2015 Jun;105(6):1220-9.
- 17. Wang L, Seelig A, MacDermid Wadsworth S, McMaster HS, Alcarez J, Crum-Cianflone NF. **Associations of military divorce with mental, behavioral, and physical health outcomes**. BMC Psychiatry. 2015 Jun;15:128.
- 18. Littman AJ, Jacobson IG, Boyko EJ, Smith TC. Changes in meeting physical activity guidelines after discharge from the military. Journal of Physical Activity Health. 2015 May;12(5):666-74.
- 19. LeardMann CA, Woodall KA, Littman AJ, Jacobson IG, Boyko EJ, Smith B, Wells TS, Crum-Cianflone NF. Post-traumatic stress disorder predicts future weight change in the Millennium Cohort Study. Obesity. 2015 Apr;23(4):886-92.
- 20. Williams EC, Frasco MA, Jacobson IG, Maynard C, Littman AJ, Seelig AD, Crum-Cianflone NF, Nagel A, Boyko EJ. Risk factors for relapse to problem drinking among current and former US military personnel: A prospective study of the Millennium Cohort. Drug and Alcohol Dependence. 2015 Mar;148:93-101.
- 21. Wells TS, Seelig AD, Ryan MAK, Jones JM, Hooper TI, Jacobson IG, Boyko EJ. **Hearing loss** associated with **US military combat deployment.** Noise and Health. 2015 Jan-Feb;74(17): 34-42.

- 22. Welsh MM, Federinko SP, Burnett DG, Gackstetter GD, Boyko EJ, Seelig AD, Wells TS, Hooper TI. Deployment-related depression screening results, 2001-2008: Comparing clinical vs. research surveys. American Journal of Preventive Medicine. 2014 Nov;47(5):531-540.
- Smith TC, Powell TM, Jacobson IG, Smith B, Hooper TI, Boyko EJ, Gackstetter GD. Chronic multisymptom illness: A comparison of Iraq and Afghanistan deployers with 1991 Gulf War Veterans. American Journal of Epidemiology. 2014 Dec;180(12):1176-1187.
- 24. Schaller EK, Woodall KA, Lemus H, Proctor SP, Russell DW, Crum-Cianflone NF. A longitudinal comparison of posttraumatic stress disorder and depression among military service components. Military Psychology. 2014 Mar;26(2):77–87.
- 25. Smith TC, LeardMann CA, Smith B, Jacobson IG, Miller SC, Wells TS, Boyko EJ, Ryan MAK. Longitudinal assessment of mental disorders, smoking, and hazardous drinking among a population-based cohort of US service members. Journal of Addiction Medicine. 2014 Jul-Aug;8(4):271-81.
- 26. Crum-Cianflone NF, Bagnell ME, Schaller E, Boyko EJ, Smith B, Maynard C, Ulmer CS, Vernalis M and Smith TC. Impact of combat deployment and posttraumatic stress disorder on newly reported coronary heart disease among US active duty and reserve forces. Circulation. 2014 May;129(18):1813-20.
- 27. Wells TS, Bagnell ME, Miller SC, Smith TC, Gackstetter GD and Boyko EJ for the Millennium Cohort Study Team. **US Naval and Marine Corps occupations, PTSD and depression risk, and absenteeism.** Journal of Workplace Behavioral Health. 2014 May;29(2):91-112.
- 28. Woodall KA, Jacobson IG, Crum-Cianflone NF. **Deployment experiences and motor vehicle crashes among U.S. service members.** American Journal of Preventive Medicine. 2014 Apr;46(4):350-8.
- 29. Hoge CW, LeardMann CA, Boyko EJ. **Suicides among military personnel reply**. Journal of the American Medical Association. 2013 Dec;310(23):2565-6.
- 30. Bagnell ME, LeardMann CA, McMaster HS, Boyko EJ, Smith B, Granado, NS, and Smith TC. The association of predeployment and deployment-related factors on dimensions of postdeployment wellness in U.S, military service members. The American Journal of Health Promotion. 2013 Nov-Dec;28(2):e56-66.
- 31. LeardMann CA, Powell TM, Smith TC, Bell MR, Smith B, Boyko EJ, Hooper TI, Gackstetter GD, Ghamsary M, Hoge CW. Risk factors associated with suicide in current and former US military personnel. Journal of the American Medical Association. 2013 Aug;310(5):496-506.

- 32. Boyko EJ, Seelig AD, Jacobson IG, Hooper TI, Smith B, Smith TC, Crum-Cianflone NF. Sleep characteristics, mental health, and diabetes risk: a prospective study of U.S. military service members in the Millennium Cohort Study. Diabetes Care. 2013 Oct;36(10):3154-61.
- 33. Horton JL, Jacobson IJ, Littman AJ, Alcaraz JE, Smith B, and Crum-Cianflone NF. **The impact of deployment experience and prior healthcare utilization on enrollment in a large military cohort study**. BMC Medical Research Methodology. 2013 Jul 11;13:90.
- 34. Gehrman P, Seelig AD, Jacobson IG, Boyko EJ, Hooper TI, Gackstetter GD, Ulmer CS, Smith TC.

  Predeployment sleep duration and insomnia symptoms as risk factors for new-onset mental health disorders following military deployment. Sleep. 2013 Jul 1;36(7):1009-18.
- 35. LeardMann CA, Pietrucha A, Magruder KM, Smith B, Murdoch M, Jacobson IG, Ryan MAK, Gackstetter G, Smith TC, for the Millennium Cohort Study Team. Combat deployment is associated with sexual harassment or sexual assault in a large, female military cohort. Women's Health Issues. 2013 Jul-Aug;23(4):e215-23.
- 36. Crum-Cianflone NF. **The Millennium Cohort Study: answering long-term health concerns of US military service members by integrating longitudinal survey data with military health system records.** In: Amara J, Hendricks A, eds. Military Health Care From predeployment to post-separation. 1<sup>st</sup> ed. New York, NY: Routledge; 2013: 55-77.
- 37. Horton JL, Jacobson IG, Wong CA, Wells TS, Boyko EJ, Smith B, Ryan MAK, and Smith TC. **The** impact of prior deployment experience on civilian employment after military service.

  Occupational and Environmental Medicine. 2013 Jun;70:408-17.
- 38. Wells TS, Horton JL, LeardMann CA, Jacobson IG, and Boyko EJ. A comparison of the PRIME-MD PHQ-9 and PHQ-8 in a large military prospective study, the Millennium Cohort Study. Journal of Affective Disorders. 2013 May; 148(1):77-83.
- 39. Littman AJ, Jacobson IG, Boyko EJ, Powell TM, Smith TC, for the Millennium Cohort Study Team. Weight change following US military service. International Journal of Obesity (Lond). 2013 Feb;37(2):244-53.
- 40. Owens BD, Wolf JM, Seelig AD, Jacobson IG, Boyko EJ, Smith B, Ryan MAK, Gackstetter GD, Smith TC. Risk factors for lower extremity tendinopathies in military personnel. The Orthopaedic Journal of Sports Medicine. 2013 Jan-Jun;1(1) 2325967113492707.
- 41. Nguyen S, LeardMann CA, Smith B, Conlin AMS, Slymen DJ, Hooper TI, Ryan MAK, Smith TC, for the Millennium Cohort Study Team. Is military deployment a risk factor for maternal depression? Journal of Women's Health. 2013 Jan; 22(1):9-18.

- 42. Jacobson IG, Horton JL, LeardMann CA, Ryan MAK, Boyko EJ, Wells TS, Smith B, Smith TC, for the Millennium Cohort Study Team. Posttraumatic stress disorder and depression among US military health care professionals deployed in support of the operations in Iraq and Afghanistan. Journal of Traumatic Stress. 2012 Dec;25(6):616-23.
- 43. Pinder RJ, Greenberg N, Boyko EJ, Gackstetter GD, Hooper TI, Murphy D, Ryan MA, Smith B, Smith TC, Wells TS, Wessely S, for the Millennium Cohort Study Team. **Profile of two cohorts: UK and US prospective studies of military health.** International Journal of Epidemiology; 2012 Oct;41(5):1272-82.
- 44. Seelig AD, Jacobson IG, Smith B, Hooper TI, Gackstetter GG, Ryan MAK, Wells TS, MacDermid Wadsworth S, Smith TC, for the Millennium Cohort Study Team. **Prospective evaluation of mental health and deployment experience among women in the US military.** American Journal of Epidemiology. 2012 Jul;176(2):135-45.
- 45. Jacobson IG, Horton JL, Smith B, Wells TS, Boyko EJ, Lieberman HR, Ryan MAK, Smith TC, for the Millennium Cohort Study Team. **Body building, energy, and weight loss supplements are associated with deployment and physical activity in U.S. military personnel.** Annals of Epidemiology. 2012 May;22:318-30.
- 46. Powell TM, Smith TC, Jacobson IG, Boyko EJ, Hooper TI, Gackstetter GD, Phillips CJ, Smith B, for the Millennium Cohort Study Team. **Prospective assessment of chronic multisymptom illness reporting possibly associated with open-air burn pit smoke exposure in Iraq**. Journal of Occupational and Environmental Medicine. 2012 June;54(6):682-8.
- 47. Jones KA, Smith B, Granado NS, Boyko EJ, Gackstetter GD, Ryan MAK, Phillips CJ, Smith TC, for the Millennium Cohort Study Team. **Newly reported lupus and rheumatoid arthritis in relation to deployment within proximity to a documented open-air burn pit in Iraq**. Journal of Occupational and Environmental Medicine. 2012 June;54(6):698-707.
- 48. Smith B, Wong CA, Boyko EJ, Phillips CJ, Gackstetter GD, Ryan MAK, Smith TC, for the Millennium Cohort Study Team. The effects of exposure to documented open-air burn pits on respiratory health among deployers of the Millennium Cohort Study. Journal of Occupational and Environmental Medicine. 2012 June;54(6):708-16.
- 49. Granado NS, Zimmermann L, Smith B, Jones KA, Wells TS, Ryan MAK, Slymen DL, Koffman RL, Smith TC, for the Millennium Cohort Study Team. **Individual augmentee deployment and newly reported mental health morbidity**. Journal of Occupational and Environmental Medicine. 2012 May;54(5):615-20.

- 50. Hermes ED, Wells TS, Smith B, Boyko EJ, Gackstetter GD, Miller SC, Smith TC, for the Millennium Cohort Study Team. **Smokeless tobacco use related to military deployment, cigarettes, and mental health symptoms in a large, prospective cohort study among US service members**. Addiction. 2012 May;107(5):983-94.
- 51. Bonanno GA, Mancini AD, Horton JL, Powell TM, LeardMann CA, Boyko EJ, Wells TS, Hooper TI, Gackstetter GD, Smith TC, for the Millennium Cohort Study Team. **Trajectories of trauma symptoms and resilience in deployed U.S. military service members: a prospective cohort study**. British Journal of Psychiatry. 2012 Apr;200(4):317-23.
- 52. Wells TS, Ryan MAK, Jones KA, Hooper TI, Boyko EJ, Jacobson IG, Smith TC, Gackstetter GD, for the Millennium Cohort Study Team. **A comparison of mental health outcomes in persons entering U.S. military service before and after September 11, 2001.** Journal of Traumatic Stress. 2012;25:17–24.
- 53. Proctor SP, Wells TS, Jones KA, Boyko EJ, Smith TC, for the Millennium Cohort Study Team.

  Examination of post-service health-related quality of life among rural and urban military members of the Millennium Cohort Study. Journal of Rural Social Sciences. 2011;26(3):32–56.
- 54. Jones KA, Granado NS, Smith B, Slymen DJ, Ryan MAK, Boyko EJ, Gackstetter GD, Phillips CJ, Smith TC, for the Millennium Cohort Study Team. A prospective study of lupus and rheumatoid arthritis in relation to deployment in support of Iraq and Afghanistan: the Millennium Cohort Study. Autoimmune Diseases. 2011 Nov;741267.
- 55. Leleu TD, Jacobson IG, LeardMann CA, Smith B, Foltz PW, Amoroso PJ, Derr M, Ryan MAK, Smith TC, for the Millennium Cohort Study Team. **Application of latent semantic analysis for openended responses in a large, epidemiologic study.** BMC Medical Research Methodology. 2011 Oct;11:136.
- 56. Smith TC, for the Millennium Cohort Study Team. Linking exposures and health outcomes to a large population-based longitudinal study: the Millennium Cohort Study. Military Medicine. 2011 Jul;176(7 Suppl):56-63.
- 57. Jankosky C, Hooper TI, Granado NS, Scher A, Gackstetter GD, Boyko EJ, Smith TC, for the Millennium Cohort Study Team. **Headache disorders in the Millennium Cohort: Epidemiology and relations with combat deployment.** Headache. 2011 Jul-Aug;51(7);1098-111.
- 58. LeardMann CA, Kelton ML, Smith B, Littman AJ, Boyko EJ, Wells TS, Smith TC, for the Millennium Cohort Study Team. **Prospectively assessed posttraumatic stress disorder and associated physical activity.** Public Health Reports. 2011 May/Jun;126(3):371-83.

- 59. Sandweiss DA, Slymen DJ, LeardMann CA, Smith B, White MR, Boyko EJ, Hooper TI, Gackstetter GD, Amoroso PJ, Smith TC, for the Millennium Cohort Study Team. **Preinjury psychiatric status, injury severity, and postdeployment posttraumatic stress disorder.** Archives of General Psychiatry. 2011 May;68(5):496-504.
- 60. White MR, Jacobson IG, Smith B, Wells TS, Gackstetter GD, Boyko EJ, Smith TC, for the Millennium Cohort Study Team. **Health care utilization among complementary and alternative medicine users in a large military cohort.** BMC Complementary and Alternative Medicine. 2011 Apr;11:27.
- 61. Smith TC, Jacobson IG, Hooper TI, LeardMann CA, Boyko EJ, Smith B, Gackstetter GD, Wells TS, Amoroso PJ, Gray GC, Riddle JR, Ryan MAK, for the Millennium Cohort Study Team. **Health** impact of US military service in a large population-based military cohort: findings of the Millennium Cohort Study, 2001-2008. BMC Public Health. 2011 Jan;11(1):69.
- 62. Seelig AD, Jacobson IG, Smith B, Hooper TI, Boyko EJ, Gackstetter GD, Gehrman PR, Macera CA, Smith TC, for the Millennium Cohort Study Team. **Sleep patterns before, during, and after deployment to Iraq and Afghanistan.** Sleep, 2010 Dec;33(12):1615-22.
- 63. Kelton ML, LeardMann CA, Smith B, Boyko EJ, Hooper TI, Gackstetter GD, Bliese PD, Hoge CW, Smith TC, for the Millennium Cohort Study Team. **Exploratory factor analysis of self-reported symptoms in a large, population-based military cohort.** BMC Medical Research Methodology. 2010 Oct;10(1):94.
- 64. Littman AJ, Boyko EJ, Jacobson IG, Horton JL, Gackstetter GD, Smith B, Hooper TI, Amoroso PJ, Smith TC, for the Millennium Cohort Study Team. Assessing nonresponse bias at follow-up in a large prospective cohort of relatively young and mobile military service members. BMC Medical Research Methodology. 2010 Oct;10(1):99.
- 65. Boyko EJ, Jacobson IJ, Smith B, Ryan MAK, Hooper TI, Amoroso PJ, Gackstetter GD, Barrett-Connor E, Smith TC, for the Millennium Cohort Study Team. **Risk of diabetes in US military service members in relation to combat deployment and mental health.** Diabetes Care. 2010 Aug;33(8):1771-7.
- 66. Hooper TI, Gackstetter GD, LeardMann CA, Boyko EJ, Pearse LA, Smith B, Amoroso PA, Smith TC, for the Millennium Cohort Study Team. Early mortality experience in a large military cohort and a comparison of data sources used for mortality ascertainment. Population Health Metrics. 2010 May;8(1):15.
- 67. Wells TS, LeardMann CA, Fortuna SO, Smith B, Smith TC, Ryan MAK, Boyko EJ, Blazer D, for the Millennium Cohort Study Team. A prospective study of depression following combat deployment in support of the wars in Iraq and Afghanistan. American Journal of Public Health. 2010 Jan;100(1):90-9.

- 68. Smith B, Wong CA, Smith TC, Boyko EJ, Gackstetter GD, Ryan MAK, for the Millennium Cohort Study Team. **Newly reported respiratory symptoms and conditions among military personnel deployed to Iraq and Afghanistan: a prospective population-based study.** American Journal of Epidemiology. 2009 Dec;170(11):1433-42.
- 69. Granado NS, Smith TC, Swanson GM, Harris RB, Shahar E, Smith B, Boyko EJ, Wells TS, Ryan MAK, for the Millennium Cohort Study Team. **Newly reported hypertension after military combat deployment in a large population-based study.** Hypertension. 2009 Nov;54(5):966-73.
- 70. Smith TC, for the Millennium Cohort Study Team. **The US Department of Defense Millennium Cohort Study: Career span and beyond longitudinal follow-up.** Journal of Occupational and Environmental Medicine. 2009 Oct;51(10):1193-1201.
- 71. Jacobson IG, White MR, Smith TC, Smith B, Wells TS, Gackstetter GD, Boyko EJ, for the Millennium Cohort Study Team. **Self-reported health symptoms and conditions among complementary and alternative medicine users in a large military cohort.** Annals of Epidemiology. 2009 Sep;19(9)613-22.
- 72. LeardMann CA, Smith TC, Smith B, Wells TS, Ryan MAK, for the Millennium Cohort Study Team.

  Baseline self-reported functional health predicts vulnerability to posttraumatic stress disorder following combat deployment: prospective US military cohort study. British Medical Journal. 2009 Apr;338:b1273.
- 73. Welch KE, LeardMann CA, Jacobson IG, Speigle SJ, Smith B, Smith TC, Ryan MAK, for the Millennium Cohort Study Team. **Postcards encourage participant updates.** Epidemiology. 2009 Mar;20(2):313-4.
- 74. Jacobson IG, Smith TC, Smith B, Keel PK, Amoroso PJ, Wells TS, Bathalon GP, Boyko EJ, Ryan MAK for the Millennium Cohort Study Team. **Disordered eating and weight changes after deployment: Longitudinal assessment of a large US military cohort.** American Journal of Epidemiology. 2009 Feb;169(4):415-27.
- 75. Smith TC, Wingard DL, Ryan MAK, Kritz-Silverstein D, Slymen DJ, Sallis JF, for the Millennium Cohort Study Team. **PTSD prevalence, associated exposures, and functional health outcomes in a large, population-based military cohort.** Public Health Report. 2009 Jan;124:90-102.
- 76. Smith B, Ryan MAK, Wingard DL, Patterson TL, Slymen DJ, Macera CA, for the Millennium Cohort Study Team. **Cigarette smoking and military deployment: a prospective evaluation.** American Journal of Preventive Medicine. 2008 Dec;35(6):539-46.
- 77. Jacobson IG, Smith TC, Bell NS. **Military combat deployment and alcohol use reply.** Journal of the American Medical Association. 2008 Dec;300(22):2607.

- 78. Jacobson IG, Ryan MAK, Hooper TI, Smith TC, Amoroso PJ, Boyko EJ, Gackstetter GD, Wells TS, Bell NS, for the Millennium Cohort Study Team. **Alcohol use and alcohol-related problems before and after military combat deployment.** Journal of the American Medical Association. 2008 Aug;300(6):663-75.
- 79. Smith B, Chu LK, Smith TC, Amoroso PJ, Boyko EJ, Hooper TI, Gackstetter GD, Ryan MAK, for the Millennium Cohort Study Team. **Challenges of self-reported medical conditions and electronic medical records among members of a large military cohort.** BMC Medical Research Methodology. 2008 Jun;8:37.
- 80. Smith TC, Wingard DL, Ryan MAK, Kritz-Silverstein D, Slymen DJ, Sallis JF, for the Millennium Cohort Study Team. **Prior assault and posttraumatic stress disorder after combat deployment.** Epidemiology. 2008 May;19(3):505-12.
- 81. Wells TS, LeardMann CA, Smith TC, Smith B, Jacobson IG, Reed RJ, Ryan MAK, for the Millennium Cohort Study Team. Self-reported adverse health events following smallpox vaccination in a large prospective study of US military service members. Human Vaccines. 2008

  Mar/Apr;4(2):127-33.
- 82. Wells TS, Jacobson IG, Smith TC, Spooner CN, Smith B, Reed RJ, Amoroso PJ, Ryan MAK, for the Millennium Cohort Study Team. **Prior health care utilization as a determinant to enrollment in a 21-year prospective study, the Millennium Cohort Study.** European Journal of Epidemiology. 2008 Feb;23(2):79-87
- 83. Smith TC, Ryan MAK, Wingard DL, Slymen DJ, Sallis JF, Kritz-Silverstein D, for the Millennium Cohort Study Team. **New onset and persistent symptoms of posttraumatic stress disorder self-reported after deployment and combat exposures: prospective population-based US military cohort study.** British Medical Journal. 2008 Feb;336(7640):366-71.
- 84. Smith B, Wingard DL, Ryan MAK, Macera CA, Patterson TL, Slymen DJ, for the Millennium Cohort Study Team. **US military deployment during 2001-2006: comparison of subjective and objective data sources in a large prospective health study.** Annals of Epidemiology. 2007 Dec;17(12):976-82.
- 85. LeardMann CA, Smith B, Smith TC, Wells TS, Ryan MAK, for the Millennium Cohort Study Team.

  Smallpox vaccination: comparison of self-reported and electronic vaccine records in the

  Millennium Cohort Study. Human Vaccines. 2007 Nov/Dec;3(6):245-51.
- 86. Smith TC, Zamorski M, Smith B, Riddle JR, LeardMann CA, Wells TS, Engel CC, Hoge CW, Adkins J, Blazer D, for the Millennium Cohort Study Team. **The physical and mental health of a large military cohort: baseline functional health status of the Millennium Cohort.** BMC Public Health. 2007 Nov;7(147):340.

- 87. Smith B, Smith TC, Gray GC, Ryan MAK, for the Millennium Cohort Study Team. When epidemiology meets the Internet: Web-based surveys in the Millennium Cohort Study. American Journal of Epidemiology. 2007 Nov;166(11):1345-54.
- 88. Smith TC, Jacobson IG, Smith B, Hooper TI, Ryan MAK, for the Millennium Cohort Study Team.

  The occupational role of women in military service: validation of occupation and prevalence of exposures in the Millennium Cohort Study. International Journal of Environmental Health Research. 2007 Aug;17(4):271-84.
- 89. Smith TC, Smith B, Jacobson IG, Corbeil TE, Ryan MAK, for the Millennium Cohort Study Team. Reliability of standard health assessment instruments in a large, population-based cohort study. Annals of Epidemiology. 2007 Jul;17(7):525-32.
- 90. Smith B, Leard CA, Smith TC, Reed RJ, Ryan MAK, for the Millennium Cohort Study Team.

  Anthrax vaccination in the Millennium Cohort: validation and measures of health. American Journal of Preventive Medicine. 2007 Apr;32(4):347-53.
- 91. Ryan MA, Smith TC, Smith B, Amoroso P, Boyko EJ, Gray GC, Gackstetter GD, Riddle JR, Wells TS, Gumbs G, Corbeil TE, Hooper TI, for the Millennium Cohort Study Team. **Millennium Cohort:** enrollment begins a **21**-year contribution to understanding the impact of military service.

  Journal of Clinical Epidemiology. 2007 Feb;60(2):181-91.
- 92. Riddle JR, Smith TC, Smith B, Corbeil TE, Engel CC, Wells TS, Hoge CW, Adkins J, Zamorski M, Blazer D, for the Millennium Cohort Study Team. **Millennium Cohort: the 2001-2003 baseline prevalence of mental disorders in the US military.** Journal of Clinical Epidemiology. 2007 Feb;60(2):192-201.
- 93. Chretien JP, Chu LK, Smith TC, Smith B, Ryan MAK, for the Millennium Cohort Study Team.

  Demographic and occupational predictors of early response to a mailed invitation to enroll in a longitudinal health study. Biomed Central Medical Research Methodology. 2007 Jan;7:6.
- 94. Smith TC, Smith B, Corbeil TE, Ryan MAK, Riddle JR, for the Millennium Cohort Study Team.

  Impact of terrorism on caffeine and tobacco use [letter in response to "Self-reported mental health among US military personnel, prior and subsequent to the terrorist attacks of September 11, 2001"]. Journal of Occupational and Environmental Medicine. 2004 Dec;46(12):1194-5.
- 95. Smith TC, Smith B, Corbeil TE, Riddle JR, and Ryan MAK, for the Millennium Cohort Study Team. Self-reported mental health among US military personnel, prior and subsequent to the terrorist attacks of September 11, 2001. Journal of Occupational and Environmental Medicine. 2004 Aug;46(8):775-82.

	cohort study of 140,000 military personnel. Military Medicine. 2002 Jun;167(6):483-8.
	for the Millennium Cohort Study Group. <b>The Millennium Cohort Study: A 21-year prospective</b>
96.	Gray GC, Chesbrough KB, Ryan MAK, Amoroso P, Boyko EJ, Gackstetter GD, Hooper TI, Riddle JR,

\*

- 1. Trone DW, Powell TM, Bauer LM, Seelig AD, Peterson AV, Littman AJ, Williams EC, Maynard CC, Bricker JB, Boyko EJ. **Smoking and drinking behaviors of military spouses: Findings from the Millennium Cohort Family Study.** Addictive Behaviors. 2017 Sep; 77:121-130.
- 2. McMaster HS, LeardMann CA, Speigle S, Dillman DA. An Experimental Comparison of Web-push vs. Paper-only Survey Procedures for Conducting an In-Depth Health Survey of Military Spouses. BMC Medical Research Methodology. 2017 Apr; 17(1):73.
- 3. Ippolito AC, Seelig AD, Powell TM, Conlin AMS, Crum-Cianflone NF, Lemus H, Sevick CS, LeardMann CA. Risk factors associated with miscarriage and impaired fecundity among United States servicewomen during the recent conflicts in Iraq and Afghanistan. Women's Health Issues. 2017 Feb; 27(3):356-365.
- 4. Corry NH, Williams CS, Battaglia M, McMaster HS, Stander VA. **Assessing and adjusting for non-response in the Millennium Cohort Family Study.** BMC Medical Research Methodology. 2017 Jan; 17(1):16.