

Biographical Information

Caleb John Banta-Green PhD MPH MSW

Alcohol & Drug Abuse Institute [REDACTED]
[REDACTED] [REDACTED] [REDACTED]

Education

University of California, Santa Cruz, CA	BA	Biology	06/93
University of Washington, Seattle, WA	MSW	Social Work	06/96
University of Washington, Seattle, WA	MPH	Public Health	06/97
University of Washington, Seattle, WA	PhD	Public Health- Health Services Research	06/08

Professional Positions

Social Work Intern, Evergreen Treatment Services (Opiate treatment program), Seattle, WA. 1995
Social Work Intern, Veterans Affairs Medical Center, Seattle, WA. 1995
Project Coordinator, Alcohol & Drug Abuse Institute, University of Washington, Seattle, WA. 1996-1997
Research Coordinator, Alcohol & Drug Abuse Institute, Univ. of Washington, Seattle, WA. 1997-1999
Program Analyst, Casey Family Programs, Seattle, WA. 1999-2001
Research Consultant, Alcohol & Drug Abuse Institute, University of Washington, Seattle, WA. 2001-2003
Research Scientist, Alcohol & Drug Abuse Institute, University of Washington, Seattle, WA. 2003-Present
Affiliate Assistant Professor, School of Public Health, University of Washington, Seattle, WA. 2012-Present
Senior Science Advisor, Office of National Drug Control Policy, Executive Office of the President. June-December 2012
Affiliate Faculty, Harborview Injury Prevention & Research Center, University of Washington, Seattle, WA. 2014-Present
Affiliate Associate Professor, School of Public Health, University of Washington, Seattle, WA. 2014-Present

Honors, Awards, Scholarships

- Public Health- Seattle & King County- Enhancing the Field Award 2006
- National Research Service Award (T32), Agency for Healthcare Research and Quality, Health Services Research Traineeship. 2005-2006
- College on Problems of Drug Dependence Travel Award 2013
- American Academy of Forensic Sciences- Annual Lectureship in Toxicology 2014

Professional Activities

WA State Department of Health Opiate Morbidity and Mortality Workgroup	2008-Present
Washington State Epidemiological Outcomes Workgroup	2011-Present
Washington Injury Control and Prevention Workgroup	2012-Present
Reviewer, Environmental Science & Technology	2007-current
Reviewer, Drug and Alcohol Dependence	2008-current
Reviewer, Clinical Journal of Pain	2008-current
Reviewer, American Journal of Public Health	2010-current
Reviewer, Addiction	2010-current
Reviewer, American Journal of Preventive Medicine	2011-current
Associate Member College on Problems of Drug Dependence	2011-present

Bibliography

Refereed research articles

1. Franklin, G., Sabel, J., Jones, C., Mai, J., Baumgartner, C., **Banta-Green, C.J.**, Neven, D., and Tauben, D. (2015). A Comprehensive Approach to Address the Prescription Opioid Epidemic in Washington State - Milestones and Lessons Learned. *Am J Public Health* 105(3):463-9.
2. Brewer, A.J., **Banta-Green, C.J.**, Ort, C., Robel, A.E., Field, J. (2014). Wastewater testing compared with random urinalyses for the surveillance of illicit drug use in prisons. *Drug Alcohol Rev.* doi: 10.1111/dar.12185. [Epub ahead of print]
3. **Banta-Green, C.J.**, Beletsky, L., Schoeppe, J., Coffin, P.O. and Kuszler, P. (2013). *Police Officers' and Paramedics' Experiences with Overdose and Their Knowledge and Opinions of Washington State's Drug Overdose-Naloxone-Good Samaritan Law.* *J Urban Health.* 90(6):1102-11.
4. Brewer, A.J., Ort, C., **Banta-Green, C.J.**, Berset, J.D., Field, J.A. (2012). Normalized diurnal and between-day trends in illicit and legal drug loads that account for changes in population.. *Environ Sci Technol.* 46:8305-14.
5. Merrill, J.O., Von Korff, M., **Banta-Green, C.J.**, Sullivan, M.D., Saunders, K.W., Campbell, C.I., Weisner, C. (2012). *Prescribed Opioid Difficulties, Depression, and Opioid Dose Among Chronic Opioid Therapy Patients.* *General Hospital Psychiatry;* 34(6):581-7.
6. Howe CQ, Sullivan MD, Saunders KW, Merrill JO, **Banta-Green CJ**, Weisner C, Campbell CI, Von Korff M. (2012). *Depression and ambivalence toward chronic opioid therapy for chronic noncancer pain.* *Clin J Pain.* 28(7):561-6.
7. Saunders KW, Von Korff M, Campbell CI, **Banta-Green CJ**, Sullivan MD, Merrill JO, Weisner C. (2012). *Concurrent use of alcohol and sedatives among persons prescribed chronic opioid therapy: prevalence and risk factors.* *J Pain.* 13(3):266-75.
8. Kwamme, E., Catlin, M., **Banta-Green, C.J.**, Roll, J. and Rosenblatt, R. (2012). *Who Prescribes Buprenorphine for Rural Patients: The Impact of Specialty, Location and Practice Type in Washington State.* *Journal of Substance Abuse Treatment,* 44(3):355-60
9. Radin,S.M., **Banta-Green, C.J.**, Thomas, L.R., Kutz, S.H., and Donovan, D.M. (2012). *Substance Use, Treatment Admissions, and Recovery Trends in Diverse Washington State Tribal Communities.* *Am J Drug Alcohol Abuse,* 38(5):511-7.
10. * Peavy, K.M., **Banta-Green, C.J.**, Kingston, S., Hanrahan, M., Merrill, J.O., Coffin, P. (2012). *Hooked on prescription-type opiates prior to using heroin: Results from a survey of syringe exchange clients.* *Journal of Psychoactive Drugs,* 44(3):259-65.
11. Silverberg, M.J., Ray, G.T., Saunders, K., Rutter, C.M., Campbell, C.I., Merrill, J.O., Sullivan, M.D. (2012). **Banta-Green, C.J.**, Von Korff, M., and Weisner, C.. *Prescription long-term opioid use in HIV-infected patients.* *Clin J Pain* 28:39-46.
12. Pollini, R.A., **Banta-Green, C.J.**, Cuevas-Mota, J., Metzner, M., Teshale, E., and Garfein, R.S. (2011). *Problematic Use of Prescription-Type Opioids Prior to Heroin Use among Young Heroin Injectors.* *Substance Abuse and Rehabilitation* 2:173-180. PMID: PMC3536052.
13. * Jenkins, L.M., **Banta-Green, C.J.**, Maynard, C., Kingston, S., Hanrahan, M., Merrill, J.O., Coffin, P.O. (2011). *Risk Factors for Nonfatal Overdose at Seattle-area Syringe Exchanges.* *J Urban Health.* 88: 118-128. PMID: PMC3042084.
14. Chiaia-Hernandez, A.C., **Banta-Green, C.J.**, Field, J.A. (2011). *Interpreting methamphetamine levels in a high-use community.* *Environ Sci Pollut Res Int.* Apr 21. [Epub ahead of print].
15. **Banta-Green, C.J.**, Von Korff, M., Sullivan, M., Merrill, J.O., Doyle, S., and Saunders, K. (2010). *The Prescribed Opioids Difficulties Scale: A Patient-Centered Assessment of Problems and Concerns.* *Clin J Pain.* 26: 489-97. PMID: PMC3286631.
16. Campbell CI, Weisner C, Leresche L, Ray GT, Saunders K, Sullivan MD, **Banta-Green CJ**, Merrill JO, Silverberg MJ, Boudreau D, Satre DD, Von Korff M. (2010). *Age and gender trends in long-term opioid analgesic use for noncancer pain.* *Am J Public Health.*;100(12):2541-7.
17. Dunn, K.M., Saunders, K.W., Rutter, C.M., **Banta-Green, C.J.**, Merrill, J.O., Sullivan, M.D.,

- Weisner, C.M., Silverberg, M.J., Campbell, C.I., Psaty, B.M., and Von Korff, M. (2010). *Opioid Prescriptions for Chronic Pain and Overdose: A Cohort Study*. *Annals of Internal Medicine*.152: 85-92. PMID: PMC3000551.
18. Sullivan, M.D., Von Korff, M., **Banta-Green, C.**, Merrill, J.O., Saunders, K. (2010). *Problems and concerns of patients receiving chronic opioid therapy for chronic non-cancer pain*. *Pain* 149: 345-53.
 19. **Banta-Green, C.**, Merrill, J.O., Doyle, S., Boudreau, D.M., Calsyn, D.A. (2009). *Measurement of Opioid Problems among Chronic Pain Patients in a General Medical Population*. *Drug Alcohol Depend*. 104: 43-49. PMID: PMC2716215.
 20. **Banta-Green, C.**, Merrill, J.O., Doyle, S., Boudreau, D.M., Calsyn, D.A. (2009). *Opioid use behaviors, mental health and pain-Development of a typology of chronic pain patients*. *Drug Alcohol Depend*.104:34-42. PMID: PMC2716214.
 21. **Banta-Green, C.J.**, Maynard, C., Koepsell, T., Wells, E., Donovan, D. (2009). *Retention in methadone maintenance drug treatment for prescription type opioid primary users compared to heroin users*. *Addiction* 104: 775-783.
 22. **Banta-Green, C.J.**, Field, J.A., Chiaia, A.C., Sudakin, D.L., Power, L., de Montigny, L. (2009). *The spatial epidemiology of cocaine, methamphetamine and MDMA use: A demonstration using a population measure of community drug load derived from municipal wastewater*. *Addiction* 104: 1874-1880. PMID: PMC3225199.
 23. Braden JB, Sullivan MD, Ray GT, Saunders K, Merrill J, Silverberg MJ, Rutter CM, Weisner C, **Banta-Green C**, Campbell C, Von Korff M. (2009). *Trends in long-term opioid therapy for noncancer pain among persons with a history of depression*. *Gen Hosp Psychiatry*. 31(6):564-70.
 24. Boudreau, D., Von Korff, M., Rutter, C. M., Saunders, K., Ray, G.T., Sullivan, M.D., Campbell, C.I., Merrill, J.O., Silverberg, M.J., **Banta-Green, C.**, Weisner C. (2009). *Trends in long-term opioid therapy for chronic non-cancer pain*. *Pharmacoepidemiol Drug Saf*. 31:564-570. PMID: PMC2774904.
 25. Chiaia, A.C., **Banta-Green, C**, Field, J. (2008). *Eliminating Solid Phase Extraction with Large-Volume Injection LC/MS/MS: Analysis of Illicit and Legal Drugs and Human Urine Indicators in US Wastewaters*. *Environ Sci Technol*. 42: 8841-8848.
 26. **Banta-Green, C.**, Goldbaum, G., Kingston, S., Golden, M., Harruff, R. and Logan, B.K. (2005). *Epidemiology of MDMA and associated club drugs in the Seattle area*. *Substance Use and Misuse*; 40(9-10):1295-315.
 27. Gorman, E.M., Barr, B., Hansen, A., Robertson, B. and **Green, C.** (1997). *Speed, sex, gay men, and HIV: Ecological and community perspectives*. *Medical Anthropology Quarterly*, 11(4):505-515.

Other non-refereed published scholarly publications

Journals

28. Burgard DA, **Banta-Green C**, Field JA (2013). *Working Upstream: How Far Can You Go with Sewage-Based Drug Epidemiology?* *Environ Sci Technol*. [Epub ahead of print] PMID: 24345191.
29. Coffin P, **Banta-Green C.** (2013). *The Dueling Obligations of Opioid Stewardship*. *Ann Intern Med*. 2013 Dec 10. doi: 10.7326/M13-2781.
30. **Banta-Green, C.J.**, 2012. *Adolescent abuse of pharmaceutical opioids raises questions about prescribing and prevention*. *Arch Pediatr Adolesc Med*. 166:865-6

Research Support

Ongoing Research Support

1 R01 DA030351-01A1 Banta-Green (PI) 05/15/12 – 04/30/17

National Institute on Drug Abuse (NIDA)

A Trial to Prevent Opioid Overdose: E.D. Based Intervention & Take-home Naloxone

This randomized controlled study will test an emergency department based intervention with 500 heroin and 500 pharmaceutical opioid users at high risk for overdose. The intervention includes a brief behavioral change counseling session, overdose education and take-home naloxone. Outcomes will include overdose and HIV risk behaviors, overdose occurrence, and health services utilization and costs.

Role: PI

N21022 Baumgartner (PI) 02/05/15 – 06/30/16

Washington State Department of Health, flow-through funds from Bureau of Justice Assistance

Washington State 2014 Harold Rogers PDMP Mapping Project

Washington State will create a web-based data visualization tool to aid the efforts of a multidisciplinary Interagency Workgroup which will use the maps to identify target communities for prioritized prescription drug issues and plan data-driven responses.

Role: PI of sub-contract

1365-90004 Task Order C Banta-Green (PI) 11/01/14 – 09/30/15

Washington State Department of Social and Health Services (DSHS)

Center for Opioid Safety Education

The purpose of this project is to implement an opioid safety education and intervention center to address individual, community and professional needs regarding prevention, treatment and interventions to address morbidity and mortality associated with opioid use and abuse.

Role: PI

N20200, Amend 1 Baumgartner (PI) 8/01/13 – 6/30/15

Bureau of Justice Assistance grant awarded to the Washington State Department of Health

Evaluation of Initial Washington Department of Health Prescription Monitoring Program Implementation

A series of analyses will be conducted to determine the implementation and potential impacts of Washington's Prescription Monitoring Program. In addition to descriptive, epidemiological, population based analyses we will conduct individual level health services analyses about patterns of PMP and controlled substance prescribing.

Role: PI of sub-contract

Banta-Green, Rowhani-Rahbar (Co-PIs) 07/02/14-11/30/15

AAA Foundation for Traffic Safety

Impacts of Cannabis and Cannabis Legalization on Impaired Driving in Washington State

The goal of this project is to examine the relationship between changes in Washington State cannabis laws and the incidence of cannabis-impaired driving, and to evaluate the association between the presence and level of cannabis metabolites in driver blood samples and the severity of driving offense.

Role: Co-PI

Recently Completed Research Support

Washington State Office of the Attorney General Banta-Green (PI) 05/01/12 – 08/31/13

Developing Overdose Prevention Programs for Washington State

This proposal aims to broaden awareness of overdose and provide information about how to recognize and intervene in opiate overdoses to save lives. We will develop, implement and evaluate the acceptability and feasibility of new trainings utilizing three different modes: in-person, interactive webinar, and web based. Bus advertising will be utilized in two counties to educate the general public and direct them to online training and educational materials.

Role: PI

HHSN271201200014C Luchansky (PI) 08/20/12 – 05/19/13

NIDA

The Drugged Driving Information Service

This sub-contract proposal will support the development of a web based system to track drugged driving incidents in Washington State and a web based knowledge database for effective drugged driving interventions. Marijuana impaired driving and interventions will be examined for this phase 1 project.

Role: Co-Investigator

68396 Banta-Green & Kuszler (PI) 11/15/10 – 05/14/12

Robert Wood Johnson Foundation

Evaluation of a Public Health Law to Support Intervening in Drug Overdoses

This study will examine the legal intent, implementation and outcomes of a new Washington State law to support intervening in drug overdoses. The law includes a Good Samaritan component that provides legal immunity from drug possession charges for those who overdose or seek aid for another person's overdose, and it allows the prescribing, distribution, possession and administration of an opioid-antidote-medicine to drug users and third parties. Changes in drug user and police behaviors and population health outcomes will be evaluated.

Role: PI