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Roland Clayton Merchant, MD, MPH, ScD
CURRICULUM VITAE

Business Address: Department of Emergency Medicine
Rhode Island Hospital
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Providence, RI 02903

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EDUCATION

Undergraduate Rhodes College
Memphis, TN
Bachelor of Arts
Major: psychology
Honors: cum laude, Phi Beta Kappa
1989

Medical School Emory University School of Medicine
Atlanta, GA
Doctor of Medicine
US Navy Health Professions Scholarship
1993

Other Advanced Degrees Harvard School of Public Health
Boston, MA
Master of Public Health
Concentration: Quantitative methods
2003

Harvard School of Public Health
Boston, MA
Doctor of Science (Epidemiology)
Concentration: HIV/Infectious diseases epidemiology
Minor: Biostatistics
Dissertation: Opt-in Rapid HIV Screening at the
Rhode Island Hospital Emergency Department
2007

Honorary Degrees Brown University
Providence, RI
Master of Arts, *ad eundum*
2011

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POSTGRADUATE TRAINING

Internship	National Naval Medical Center Bethesda, MD Internal Medicine 1993-1994
Residency	Mount Sinai School of Medicine of New York University New York, NY Emergency Medicine 1998-2001
Fellowship	Research Fellowship Emergency Medicine and Infectious Diseases Brown Medical School Providence, RI 2001-2004

POSTGRADUATE HONORS AND AWARDS

Resident Research Award, Emergency Medicine
Mount Sinai School of Medicine of New York University
2001

Runner-up, Region C, Semi-Final CPC Competition
Society of Academic Emergency Medicine
2000

Certificates of Appreciation
United States Army, Special Operations Combat Medicine
EMT-Paramedic
Clinical Rotations 1998 and 2000

FACULTY HONORS AND AWARDS

Paul Calabresi Faculty Research Award
Department of Emergency Medicine
Brown Medical School
2006

Young Investigator Award
Society for Academic Emergency Medicine
2008

Bruce M. Selya Award for Research Excellence
Lifespan
2008

Outstanding Physician Award
Department of Emergency Medicine

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Alpert Medical School of Brown University
University Emergency Medicine Foundation
2010

MILITARY SERVICE

Commander (select), United States Naval Reserve
Medical Corps, New York, NY and Providence, RI
1998-2004

Flight Surgeon, Naval Air Station, Joint Reserve Base
New Orleans, LA
1997-1998

Flight Surgeon, Marine Air Logistics Squadron 36
Marine Corps Air Station, Futenma, Okinawa, Japan
1996-1997

United States Navy Flight Surgery School
Pensacola, FL
1995-1996

General Medical Officer, 3rd Force Service Support Group
United States Marine Corps, Camp Kinser, Okinawa, Japan
1994-1995

Field Medical Service School
Camp Pendleton, CA
1994

Health Professions Scholarship Program
United States Navy
1989-1993

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

American Board of Emergency Medicine, 2002-present

Rhode Island Medical License, 2001-present

New York Medical License, 1998 (inactive)

Louisiana Medical License, 1997 (inactive)

Alabama Medical License, 1994 (inactive)

National Board of Medical Examiners, 1994

ACADEMIC APPOINTMENTS

Associate Professor
Emergency Medicine and Epidemiology
Alpert Medical School of Brown University

2011-present

Associate Professor
Emergency Medicine and Community Health
Alpert Medical School of Brown University
2010-2011

Assistant Professor
Emergency Medicine and Community Health
Alpert Medical School of Brown University
2004-2010

Research Fellow
Emergency Medicine and Infectious Diseases
Brown Medical School
2001-2004

HOSPITAL APPOINTMENTS

Attending Physician
Department of Emergency Medicine
Rhode Island Hospital/Hasbro Children's Hospital
2001-present

OTHER APPOINTMENTS

Volunteer Instructor
Sexual Assault and Trauma Resource Center
Providence, RI, 2001-2007

Research Committee
Society for Academic Emergency Medicine, 2000-2002

Blunt Abdominal Trauma Practice Guidelines Committee
American College of Emergency Physicians, 2001-2002

Journal Club Coordinator
Brown University Department of Emergency Medicine, 2005-present

HIV Testing Committee
Lifespan Hospitals, 2009-2010

Grants Committee
Society for Academic Emergency Medicine, 2009-present

Associate Director for Research
Department of Emergency Medicine
Alpert Medical School of Brown University, 2010-present

HIV PEP Committee
Lifespan Hospitals, 2013-present

Chair, Grants Committee
Society for Academic Emergency Medicine, 2015-present

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NATIONAL INSTITUTES OF HEALTH GRANT REVIEWER APPOINTMENTS

April 2010: ZRG1 AARR G10
March 2012: ZRG1 AARR-G (92) S
March 2012: Behavioral and Social Consequences of HIV (BSCH)
September 2012: PCORI
November 2012: BSCH
November 2012: ZRG1 AARR-G (92) S
March 2013: BSCH
March 2013: ZRG1 AARR-G (92) S
June 2013: ZAI1 RCU-A (S4) 1
July 2013: BSCH
July 2013: ZRG1 AARR-G (50) R
December 2013: BSCH
March 2014: BSCH
July 2014: BSCH
July 2014-present: Standing member, BSCH

AD-HOC PEER-REVIEWER APPOINTMENTS

Academic Emergency Medicine
AIDS and Behavior
AIDS Care
AIDS Patient Care and STDs
American Journal of Public Health
Annals of Emergency Medicine
Archives of Pediatrics and Adolescent Medicine
BMC Infectious Diseases
BMJ
Centers for Disease Control and Prevention
Draft Guidelines on Nonoccupational HIV Post-exposure prophylaxis
Clinical Infectious Diseases
The Einstein Journal of Biology and Medicine
Emergency Medicine Journal
Emergency Medicine Practice
Future HIV Therapy
Journal of Acquired Immune Deficiency Syndromes
Journal of the American Medical Association
Journal of Intensive Care Medicine
Journal of Medical Ethics
Journal of Women's Health
New England Journal of Medicine
New York State AIDS Institute
Draft Guidelines on Nonoccupational HIV Post-exposure Prophylaxis
Occupational Medicine
Pediatrics
Postgraduate Medicine
Public Health Reports
South African Pharmaceutical Journal

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JOURNAL APPOINTMENTS

Associate Editor, *Academic Emergency Medicine*, 2010-2015

Associate Editor, *Emergency Medicine Journal*, 2016-present

MEMBERSHIP IN SOCIETIES

American College of Emergency Physicians, 1998-present

Fellow, American College of Emergency Physicians, 2007

Society for Academic Emergency Medicine, 1998-present

Rhode Island Medical Society, 2002-present

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Merchant RC**. Nonoccupational HIV post-exposure prophylaxis: a new role for the emergency department. *Annals of Emergency Medicine*. 2000;36(4):366-75.
2. **Merchant RC**. Nonoccupational HIV PEP affordability: a clearer reality. *AIDS*. 2001;15(4):541-2.
3. **Merchant RC** and Keshavarz R. HIV post-exposure prophylaxis for adolescents and children. *Pediatrics*. 2001;108(2):E38.
4. Keshavarz R, **Merchant RC**, McGreal J. Emergency contraception: a survey of emergency department practitioners. *Academic Emergency Medicine*. 2002;9(1):69-74.
5. **Merchant RC**, Mayer KH, Rich JD. Prophylactic panic. *AIDS Clinical Care*. 2002;14(6):55.
6. Rich JD, Macalino G, **Merchant RC**, Salas C, Marcussen P, Grundy M, Spaulding A. HIV seroprevalence of adult males incarcerated for a sexual offense in Rhode Island, 1994-1999. *JAMA*. 2002;288(2):164-5.
7. **Merchant RC**, Mayer KH, Browning C. Nonoccupational HIV post-exposure prophylaxis: guidelines for Rhode Island from the Brown University AIDS Program and the RI Department of Health. *Medicine and Health RI*. 2002;85(7):244-8.
8. **Merchant RC** and Keshavarz R. HIV postexposure prophylaxis practices by US ED practitioners. *Am J Emerg Med*. 2003;21(4):309-12.
9. Urbina BY, **Merchant RC**, Mayer KH. Case studies on nonoccupational HIV post-exposure prophylaxis. *Medicine and Health RI*. 2003;86(6):175-7.
10. **Merchant RC** and Keshavarz R. Emergency prophylaxis following needle stick injuries and sexual exposure: a survey of New York State emergency department practitioners. *Mount Sinai Journal of Medicine*. 2003;70(5):338-43.
11. **Merchant RC**, Becker BM, Mayer KH, Fuerch J, Schreck B. Emergency department blood or body fluid exposure evaluations and HIV postexposure prophylaxis usage. *Academic Emergency Medicine*. 2003;10(12):1345-53.
12. **Merchant RC**, Mayer KH, Browning CA. Development of guidelines on nonoccupational HIV postexposure prophylaxis for the State of Rhode Island. *Public Health Reports*. 2004;119(2):136-40.

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13. **Merchant RC**, Keshavarz R, Low C. HIV post-exposure prophylaxis provided to adolescent females after sexual assault at an urban pediatric emergency department. *Emergency Medicine Journal*. 2004;21(4):449-51.
14. **Merchant RC**. Clinicopathologic conference: A 29-year-old man with vomiting and chest pain. *Acad Emerg Med*. 2005;12(3):237-44.
15. **Merchant RC** and Mayer KH. Perspectives on new nonoccupational HIV post-exposure prophylaxis guidance from the Centers for Disease Control and Prevention. *JAMA*. 2005;293(19):2407-9.
16. **Merchant RC**. Antiretroviral postexposure prophylaxis after sexual, injection-drug use, or other nonoccupational exposure to HIV in the United States. *Annals of Emergency Medicine*. 2005;46(1):82-6.
17. **Merchant RC**, Jongco AM, and Woodward L. Disclosure of sexual orientation by medical students and residency applicants. *Academic Medicine*. 2005;80(8):786.
18. **Merchant RC**, Fuerch F, Becker BM, and Mayer KH. A comparison of the epidemiology of human bites evaluated at three pediatric emergency departments. *Pediatric Emergency Care*. 2005;21(12):833-8.
19. Ranney M, Gee EM, and **Merchant RC**. Non-prescription availability of emergency contraception in the United States: history, current status, controversies, and impact on emergency medicine practice. *Annals of Emergency Medicine*. 2006;47(5):461-7.
20. **Merchant RC**. Updated U.S. public health service guidelines for the management of occupational exposures to HIV and recommendations for postexposure prophylaxis. *Annals of Emergency Medicine*. 2006;47(5):492-5.
21. **Merchant RC** and Keshavarz R. Patterns in the offering of hepatitis B prophylaxis offering by US emergency department physicians. *Infection Control and Hospital Epidemiology*. 2006;27(7):764-6.
22. **Merchant RC**, Schwartzapfel BL, Wolf FA, Li W, Carlson L, and Rich JD. Demographic, geographic, and temporal patterns of ambulance runs for suspected opiate overdose in Rhode Island, 1997-2002. *Substance Use and Misuse*. 2006;41(9):1209-26.
23. **Merchant RC**, Damergis JA, Gee EM, Bock BC, Becker BM, and Clark MA. Contraceptive usage, knowledge, and correlates of usage among female emergency department patients. *Contraception*. 2006;74(3):201-7.
24. Rothman RE and **Merchant RC**. Revised recommendations for HIV testing of adults, adolescents, and pregnant women in health-care settings. *Annals of Emergency Medicine*. 2007; 49(5):575-9.
25. **Merchant RC**, Gee EM, Bock BC, Becker BM, and Clark MA. Correlates of women's cancer screening and contraceptive knowledge among female emergency department patients. *BMC Women's Health*. 2007;7(1):7.
26. **Merchant RC**, Vuittonet CL, Clark MA, Gee EM, Bock BC, and Becker BM. Implications of question format in emergency department preventive health knowledge surveys. *Academic Emergency Medicine*. 2007;14(6):549-57.

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27. **Merchant RC**, McGregor AJ, Gee EM, Bock BC, Becker BM, and Clark MA. Women's preventive health preferences in the Rhode Island Hospital Emergency Department. *Medicine and Health RI*. 2007;90(8):235-7.
28. **Merchant RC**, Katzen JB, Mayer KH, and Becker BM. Emergency department evaluations of non-percutaneous blood or body fluid exposures during CPR. *Prehospital and Disaster Medicine*. 2007;22(4):330-4.
29. **Merchant RC**, Gee EM, Clark MA, Mayer KH, Seage GR III, and DeGruttola VG. Comparison of patient comprehension of rapid HIV pre-test fundamentals by information delivery format in an emergency department setting. *BMC Public Health*. 2007;7:238.
30. **Merchant RC**, Zabbo CP, Mayer KH, and Becker BM. Factors associated with delay to ED presentation, antibiotic usage, and admission for human bite injuries. *Canadian Journal of Emergency Medicine*. 2007;9(6):441-8.
31. **Merchant RC**, Casadei K, Gee EM, Bock BC, Becker BM, and Clark MA. Patients' emergency contraception knowledge, usage, and view of the emergency department role for emergency contraception. *Journal of Emergency Medicine*. 2007;33(4):367-75.
32. **Merchant RC**, Seage III GR, Mayer KH, Clark MA, DeGruttola VG, and Becker BM. Emergency department patient acceptance of opt-in, universal rapid HIV screening. *Public Health Reports*. 2008;123(Supplement 3): 27-40.
33. **Merchant RC**, Kelly ET, Mayer KH, Becker BM, and Duffy SJ. Trends of visits to Rhode Island emergency departments for pediatric sexual exposures, 1995-2001. *Medicine and Health Rhode Island*. 2008;91(1):15-9.
34. **Merchant RC**, Mayer KH, Becker BM, DeLong AK, and Hogan JW. Predictors of the initiation of HIV post-exposure prophylaxis in Rhode Island emergency departments. *AIDS Patient Care and STDs*. 2008;22(1): 41-52.
35. **Merchant RC**, Chee KJ, Liu T, and Mayer KH. Incidence of visits for health care worker blood or body fluid exposures and HIV post-exposure prophylaxis provision at Rhode Island emergency departments. *JAIDS*. 2008;47(3):358-68.
36. **Merchant RC**, Phillips BZ, DeLong AK, Mayer KH, and Becker BM. Disparities in the provision of sexually transmitted disease and pregnancy testing and prophylaxis for sexually assaulted women in Rhode Island emergency departments. *Journal of Women's Health*. 2008;17(4):619-29.
37. **Merchant RC**, Kelly ET, Mayer KH, Becker BM, Duffy SJ, and Pugatch DL. Compliance in Rhode Island emergency departments with American Academy of Pediatrics recommendations for adolescent sexual assaults. *Pediatrics*. 2008;121:e1660-7.
38. **Merchant RC**, Nettleton JE, Mayer KH, and Becker BM. HIV post-exposure prophylaxis among police and corrections officers. *Occupational Medicine*. 2008;58:502-05.
39. **Merchant RC**, Gee EM, Beck BC, Becker BM, and Clark MA. Negative opinions about cancer screening and contraceptive measures by female emergency department patients. *Journal of Primary Prevention*. 2008;29:517-33.

40. **Merchant RC**, Nettleton JE, Mayer KH, and Becker BM. Blood or body fluid exposures and HIV PEP utilization among first responders. *Prehospital Emergency Care*. 2009;13:6-13.
41. **Merchant RC**, Lau TC, Liu T, Mayer KH, and Becker BM. Adult sexual assault evaluations at Rhode Island emergency departments, 1995-2001. *Journal of Urban Health*. 2009;86(1):43-53.
42. Lyons MS, Lindsell CJ, Haukoos JS, Brown J, Calderon Y, Couture E, **Merchant RC**, White DAE, Rothman RE on behalf of the National Emergency Department HIV Testing Consortium. Nomenclature and definitions for emergency department human immunodeficiency virus (HIV) testing: report from the 2007 conference of the National Emergency Department HIV Testing Consortium. *Academic Emergency Medicine*. 2009;16(2):168-77.
43. **Merchant RC**, Clark MA, Mayer KH, Seage III GR, DeGruttola VG, and Becker BM. Video as an effective method of delivering pretest information for rapid human immunodeficiency virus testing. *Academic Emergency Medicine*. 2009;16:124-35.
44. **Merchant RC**, Clark MA, Seage III GR, Mayer KH, DeGruttola VG, and Becker BM. Emergency department patient perceptions and preferences on opt-in rapid HIV screening program components. *AIDS Care*. 2009;21(4):490-500.
45. **Merchant RC**, Catanzaro BM, Seage III GR, Mayer KH, Clark MA, DeGruttola VG, and Becker BM. Demographic variations in HIV testing history among emergency department patients: implications for HIV screening in US emergency departments. *J Medical Screening*. 2009;16(2):60-66.
46. **Merchant RC**, DePalo DM, Stein MD, and Rich JD. Adequacy of testing, empiric treatment, and referral for adult male emergency department patients with possible chlamydia and/or gonorrhea urethritis. *International Journal of STD and AIDS*. 2009;20:534-539.
47. **Merchant RC** and Catanzaro BM. HIV testing in US emergency departments, 1993-2004. *American Journal of Emergency Medicine*. 2009; 27(7):868-74.
48. **Merchant RC**, Clark MA, Langan IV TJ, Seage III GR, Mayer KH, and DeGruttola VG. Effectiveness of increasing emergency department patients' self-perceived risk for being human immunodeficiency virus (HIV) infected through audio-computer self-interview-based feedback about reported HIV risk behaviors. *Academic Emergency Medicine*. 2009;16:1143-55.
49. Beaudoin FL, Nagdev AN, **Merchant RC**, and Becker BM. Ultrasound-guided femoral nerve blocks in elderly patients with hip fractures. *American Journal of Emergency Medicine*. 2010; 28(1):76-81.
50. **Merchant RC**, DePalo DM, Liu T, Rich JR, and Stein MD. Developing a system to predict laboratory-confirmed chlamydial and/or gonococcal urethritis among adult emergency department patients. *Postgraduate Medicine*. 2010;122(1):52-60.
51. **Merchant RC**, Freelove SM, Langan IV TJ, Clark MA, Mayer KH, Seage III GR, and DeGruttola VG. The relationship of reported HIV risk and history of HIV testing among emergency department patients. *Postgraduate Medicine*. 2010;122(1):61-74.
52. Panagos P, **Merchant RC**, and Alunday RL. Psychogenic seizures. *Postgraduate Medicine*. 2010;122(1):34-38.

53. Youmans Q, **Merchant RC**, Baird JR, Langan IV TJ, and Nirenberg T. Prevalence of alcohol, tobacco, and drug misuse among Rhode Island Hospital Emergency Department patients. *Medicine and Health Rhode Island*. 2010;93(2):44-47.
54. Nagdev AD, **Merchant RC**, Tirado-Gonzalez A, Sisson CA, and Murphy MC. Emergency department bedside ultrasonographic measurement of the caval index for non-invasive determination of low central venous pressure. *Annals of Emergency Medicine*. 2010;55(3):290-295.
55. **Merchant RC** and Waxman MJ. HIV screening in health care settings: some progress, even more questions. *JAMA*. 2010;304(3):348-349.
56. Siket MS and **Merchant RC**. Psychogenic seizures: a review and description of pitfalls in their acute diagnosis and management in the emergency department. *Emerg Med Clin North Am*. 2011;29(1):73-81.
57. Celada MT, **Merchant RC**, Waxman MJ, and Sherwin AM. An ethical evaluation of the 2006 Centers for Disease Control and Prevention recommendations for HIV testing in healthcare settings. *Am J Bioethics*. 2011;11(4):31-40.
58. **Merchant RC**. Sexually transmitted diseases treatment guidelines, 2010. *Annals of Emergency Medicine*. 2011; 58(1):67-8.
59. **Merchant RC**, Clark MA, Langan IV TJ, Mayer KH, Seage III GR, and DeGruttola VG. Can computer-based feedback improve emergency department patient uptake of rapid HIV screening? *Annals of Emergency Medicine*. 2011;58(1):S114-S119.
60. Waxman MJ, Popick RS, **Merchant RC**, Rothman RE, Shahan JB, and Almond G. Ethical, financial, and legal considerations to implementing emergency department HIV screening: A report from the 2007 conference of the National Emergency Department HIV Testing Consortium. *Annals of Emergency Medicine*. 2011;58(1):S33-S43.
61. Garro A, Asnis L, **Merchant RC**, and McQuaid E. Frequency of prescription of inhaled corticosteroids to children with asthma from US emergency departments. *Academic Emergency Medicine*. 2011;18(7): 767-70.
62. Beaudoin FL, **Merchant RC**, Lincoln J, Gardiner F, Liebmann O, and Cohn J. Bedside ultrasound detects significant femoral vessel overlap: implications for central venous cannulation. *Canadian Journal of Emergency Medicine*. 2011;13(4):245-250.
63. Waxman MJ, **Merchant RC**, Celada MT, and Clark MA. Perspectives on the ethical concerns and justifications of the 2006 Centers for Disease Control and Prevention HIV testing recommendations. *BMC Medical Ethics*. 2011;12:24.
64. **Merchant RC**, Waxman MJ, Maher JG, Clark MA, Celada MT, Liu T, Simmons EM, Beckwith CG, and Mayer KH. Patient and clinician ethical perspectives on the 2006 Centers for Disease Control and Prevention HIV testing methods. *Public Health Reports*. 2012;127(3):318-329.
65. Tsze D, Asnis L, **Merchant RC**, Amanullah S, and Linakis JG. Increasing use of CT utilization in patients with appendicitis and discrepancies in pain management between adults and children: an analysis of the NHAMCS. *Annals of Emergency Medicine*. 2012;59(5):395-403.

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66. Rosen LA, Liu T, and **Merchant RC**. Efficiency of ICD-9 billing code searches to identify blood or body fluid exposure emergency department visits through a state-wide multi-center database. *Infection Control and Hospital Epidemiology*. 2012;33(6):581-588.
67. Trillo A, **Merchant RC**, Baird J, Liu T, and Nirenberg T. Sex differences in alcohol misuse and estimated blood alcohol levels among emergency department patients: Implications for brief interventions. *Academic Emergency Medicine*. 2012;19:924-933.
68. Mello M, **Merchant RC**, and Clark MA. Surveying emergency medicine. *Academic Emergency Medicine*. 2013; 20(4):409-12.
69. Trillo AD, **Merchant RC**, Baird JR, Ladd GT, Liu T, and Nirenberg TD. Interrelationship of alcohol misuse, HIV sexual risk and HIV screening uptake among emergency department patients. *BMC Emergency Medicine*. 2013;13(1):9.
70. Jackson DAE, Cotter BV, **Merchant RC**, Babu KM, Baird JR, Nirenberg T, and Linakis JG. Behavioral and physiologic adverse effects in adolescent and young adult emergency department patients reporting use of energy drinks and caffeine. *Clinical Toxicology*. 2013;51(7):557-65.
71. Cotter BV, Jackson DAE, **Merchant RC**, Babu KM, Baird JR, Nirenberg T, and Linakis JG. Energy drink and other substance usage among adolescent and young adult emergency department patients. *Pediatric Emergency Care*. 2013;29(10):1091-1097.
72. Pringle K, **Merchant RC**, and Clark MA. Is self-perceived HIV risk congruent with reported HIV risk among traditionally lower HIV risk and prevalence adult emergency department patients? Implications for HIV testing. *AIDS Patient Care and STDs*. 2013;27(10):573-584.
73. Waxman MJ, **Merchant RC**, Celada MT, and Clark MA. Perspectives on the ethical concerns and justifications of the 2006 Centers for Disease Control and Prevention HIV testing recommendations: HIV screening policy changes. *BMC Med Ethics*. 2013;14(1):46.
74. Canders CP, **Merchant RC**, Pleet K, and Fuerch JH. Incidence of adjudicated internet-initiated sexual assault among US adolescents reported in newspapers, 1996-2007. *Journal of Child Sexual Abuse*. 2013;22(8):987-99.
75. Merritt C, Haran JP, Mintzer J, Stricker J and **Merchant RC**. All purulence is local - Epidemiology and management of skin and soft tissue infections in three urban emergency departments. *BMC Emergency Medicine*. 2013;13:26.
76. **Merchant RC**, Baird JR, Liu T, and Taylor LE. HCV among The Miriam Hospital and Rhode Island Hospital adult ED patients. *Rhode Island Medical Journal*. 2014;97(7):35-39.
77. Tai M and **Merchant RC**. HIV testing in US emergency departments, outpatient ambulatory medical departments, and physician offices, 1992-2010. *AIDS Care*. 2014;26(9):1105-8.
78. **Merchant RC**, Baird JR, Liu T, Taylor LE, Montague BE, and Nirenberg TD. Brief intervention to increase emergency department uptake of combined rapid HIV and hepatitis C screening among a drug misusing population. *Academic Emergency Medicine*. 2014; 21:752-67.

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79. Schwartz TM, Tai M, Babu KM, and **Merchant RC**. Lack of association between Press Ganey® emergency department patient satisfaction scores and emergency department administration of analgesic medications. *Annals of Emergency Medicine*. 2014; 64(5):469-81.
80. Beaudoin F, Lin C, Guan W, and **Merchant RC**. Low dose ketamine improves pain relief in patients receiving intravenous opioids for acute pain in the emergency department: results of a randomized, double-blind, clinical trial. *Academic Emergency Medicine*. 2014;21(11):1194–1202.
81. Baird JR and **Merchant RC**. A randomized controlled trial of the effects of a brief intervention to increase uptake of chlamydia and gonorrhea testing uptake among young adult female emergency department patients. *Academic Emergency Medicine*. 2014; 21(12):1512-20.
82. Henderson AW, Babu KM, **Merchant RC**, and Beaudoin FL. Prescription opioid use and misuse among older adult Rhode Island Hospital Emergency Department patients. *Rhode Island Medical Journal*. 2015; 98(3):28-31.
83. **Merchant RC**, Clark MA, Santelices CA, Liu T, Cortés DE. Efficacy of an HIV/AIDS and HIV testing video for Spanish-speaking Latinos in healthcare and non-healthcare settings. *AIDS and Behavior*. 2015;19(3):523-35.
84. Beaudoin FL, **Merchant RC**, Janicki A, McKaig DM, and Babu K, and. Preventing iatrogenic overdose: a review of in-emergency department opioid-related adverse drug events and medication errors. *Annals of Emergency Medicine*. 2015;65(4):423-31.
85. Bernardino VL, Baird JR, Liu T, and **Merchant RC**. Comparison of substance-use prevalence among Rhode Island and The Miriam Hospital Emergency Department patients to state and national general population prevalence estimates. *Rhode Island Medical Journal*. 2015;98(4):30-34.
86. Shao W, Guan W, Clark MA, Liu T, Santelices C, Cortes DE, and **Merchant RC**. Variations in recruitment yield, costs, speed and participant diversity across Internet platforms in a global study examining the efficacy of an HIV/AIDS and HIV testing animated and live-action video among English- or Spanish-speaking Internet or social media users. *Digital Culture & Education*. 2015;7(1):40-86.
87. Tai M, Liu T, and **Merchant RC**. Hospitalizations in the United States among HIV-infected individuals in short-stay hospitals, 1982-2010. *J Int Assoc Provid AIDS Care*. 2015;14(5):408-14.
88. **Merchant RC**, Baird JR, and Liu T. Short-term efficacy of a brief intervention to reduce drug misuse and increase drug treatment utilization among adult emergency department patients. *Academic Emergency Medicine*. 2015;22(10):1172-80.
89. **Merchant RC**, DeLong AK, Liu T, and Baird JR. Factors influencing uptake of rapid HIV and hepatitis C screening among drug misusing adult emergency department patients: implications for future HIV/HCV screening interventions. *AIDS and Behavior*. 2015;19(11):2025-35.
90. Beaudoin FL, **Merchant RC**, Baird JR, and Liu T. Sex differences in substance use among adult emergency department patients: prevalence, severity, and need for intervention. *Academic Emergency Medicine*. 2015;22(11):1307-15.

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91. Guan W, Liu T, Baird JR, and **Merchant RC**. Evaluation of a brief intervention to reduce the negative consequences of drug misuse among adult emergency department patients. *Drug and Alcohol Dependence*. 2015;157:44-53.
92. **Merchant RC**, Corner D, Garza E, Guan W, Mayer KH, Brown L, and Chan PA. Preferences for HIV pre-exposure prophylaxis (PrEP) information among men-who-have-sex-with-men (MSM) at community outreach settings. *J Gay Lesbian Ment Health*. 2016;20(1):21-33.
93. **Merchant RC**, Liu T and Baird JR. Variations in the estimates of substance use and need for interventions among adult emergency department patients based on different screening strategies using the ASSIST. *West J Emerg Med*. 2016; 17(3):302-14.

BOOK CHAPTERS

1. **Merchant RC**. Management of healthcare worker exposures to blood or body fluids. *Handbook of bioterrorism and disaster medicine*. Springer, April 2006
2. **Merchant RC** and McMahon-Downer M. HIV. In: *Emergency medicine handbook: Critical concepts for clinical practice*. Roppolo, et al. editors. Mosby, January 2007.
3. **Merchant RC** and Roland ME. Blood or body fluid exposure management and post-exposure prophylaxis for hepatitis B and HIV. In: *Emergency Management of Infectious Diseases*. Chin, et al. editors. Cambridge, June 2008.
4. Geyer BC and Goldberg E, editors-in-chief. **Merchant RC** and Bird SR, faculty editors. *Emergency medicine research handbook for residents and medical students*. Emergency Medicine Residents' Association. May 2012.
5. Shao W, Guan W, Clark MA, Liu T, Santelices C, Cortés DE, and **Merchant RC**. Variations in recruitment yield, costs, speed and participant diversity across Internet platforms in a global study examining the efficacy of an HIV/AIDS and HIV testing animated and live-action video among English- or Spanish-speaking Internet or social media users (Chapter 11). In: Walsh CS, editor. *Transforming HIV prevention and care for marginalised populations: Using information and communication technologies (ICTs) in community-based and led approaches*. Creative Commons Attribution 4.0 International License (eBook). 2015: 186-210.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Merchant RC**. "Oasis in the desert: a student's experience at the Betty Ford Center", The Anlage, Emory University School of Medicine, October 1990.
2. **Merchant RC**. "Going smoke/nicotine-free in four easy (?) classes", two part article, The Okinawa Marine, November 18 and 23, 1994.
3. **Merchant RC**. "Trip through kindness", letter, Pacific Stars and Stripes, May 8, 1995.
4. **Merchant RC**. "EM Guide 2001: A survival manual for the emergency medicine residency", Mount Sinai School of Medicine, Emergency Medicine Residency Program, 2001.

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5. **Merchant RC.** “EM Guide 2000: A survival manual for the emergency medicine residency”, Mount Sinai School of Medicine, Emergency Medicine Residency Program, 2000.
6. **Merchant RC.** “EM1 Guide: A Survival Manual for the first year”, Mount Sinai School of Medicine, Emergency Medicine Residency Program, 1999.
7. **Merchant RC.** “Health issues should be underlying part of Brown curriculum”, letter, The Brown Daily Herald, October 1, 2001.
8. **Merchant RC.** “Lynne Richardson, MD, embarks on EMPATH”, SAEM Newsletter, January 2002.
9. **Merchant RC.** “Resident research grant report”, SAEM Newsletter, October 2002.
10. **Merchant RC.** “New nonoccupational HIV post-exposure prophylaxis guidelines for Rhode Island”, BRUNAP News, Winter/Spring 2003.
11. De Groot AS and **Merchant RC.** “Hepatitis B, C, and HIV post-exposure prophylaxis in correctional settings”, HEPP Newsletter, July 2003.
12. Rich JD, Schwartzapfel B, **Merchant RC.** “Let’s fight needless heroin-overdose deaths”, letter, Providence Journal, November 2003.

PUBLICATIONS IN PRESS

1. Shao W, Guan W, Clark MA, Liu T, Santelices C, Cortes D, and **Merchant RC.** Does a video improve knowledge of HIV/AIDS and HIV testing among a global internet audience? *J Int Assoc Provid AIDS Care.* (in press)
2. Beaudoin FL, **Merchant RC,** and Clark MA. Prevalence and detection of prescription opioid misuse and prescription opioid use disorder among emergency department patients 50 years of age and older: performance of the Prescription Drug Use Questionnaire, Patient Version. *Am J Geriatr Psychiatry.* (in press)

ABSTRACTS

1. **Merchant RC,** Keshavarz R, Wilets I, Hamilton K, Richardson B, and Jacobson J. HIV post-exposure prophylaxis: a survey of New York State emergency department practitioners. In: First Annual New York State Region Society for Academic Emergency Medicine Regional Meeting, Rochester, NY, March 2001.
2. **Merchant RC,** Keshavarz R, Wilets I, Low C, Wilets I, Richardson B, and Jacobson J. HIV postexposure prophylaxis provided at a large, urban, pediatric emergency department after sexual assault. [abstract 176] In: American College of Emergency Physicians Research Forum, Chicago, IL, October 15-16, 2001, and First Annual New York State Region Society for Academic Emergency Medicine Regional Meeting, Rochester, NY, March 2001.
3. **Merchant RC,** Keshavarz R, Wilets I, Hamilton K, Richardson B, and Jacobson J. Hepatitis B prophylaxis: a survey of emergency department practitioners. [abstract 164] In: American College of Emergency

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Physicians Research Forum, Chicago, IL, October 15-16, 2001, and First Annual New York State Region Society for Academic Emergency Medicine Regional Meeting, Rochester, NY, March 2001.

4. Keshavarz R, **Merchant RC**, and Wilets I. Emergency contraception provision: a survey of emergency department practitioners [abstract 165] In: American College of Emergency Physicians Research Forum, Chicago, IL, October 15-16, 2001, and First Annual New York State Region Society for Academic Emergency Medicine Regional Meeting, Rochester, NY, March 2001.
5. **Merchant RC**, Keshavarz R, Wilets I, Hamilton K, Richardson B, and Jacobson J. HIV post-exposure prophylaxis: a survey of emergency department practitioners [abstract 366] In: American College of Emergency Physicians Research Forum, Chicago, IL, October 2001, First Annual New York State Region Society for Academic Emergency Medicine Regional Meeting, Rochester, NY, March 2001, and Ninth Annual Research Celebration, Providence, RI, October 2001.
6. **Merchant RC**, Becker BM, Mayer KH, Bock BC. Limited necessity for emergency prophylaxis following pediatric sexual abuse and assault. [abstract] In: New England Region Society for Academic Emergency Medicine Regional Meeting, Worcester, MA, April 2002
7. **Merchant RC**, Becker BM, Mayer KH. HIV post-exposure prophylaxis provision at a Large, Urban Emergency Department. [abstract D10414] In: XIV International AIDS Conference 2002, Barcelona, Spain, July 7-12, 2002, and [abstract 300] Society for Academic Emergency Medicine Annual Meeting, St. Louis, MO, May 19-22, 2002, and New England Region Society for Academic Emergency Medicine Regional Meeting, Worcester, MA, April 2002.
8. **Merchant RC**, Nam DW, Becker BM, Mayer KH. Forsooth! Beware the Tooth! Human bite injuries presenting to the Rhode Island Hospital Emergency Department. [abstract 145] In: American College of Emergency Physicians Research Forum, Seattle, WA, October 7-8, 2002, and New England Region Society for Academic Emergency Medicine Regional Meeting, Worcester, MA, April 2002.
9. **Merchant RC**, Mayer KH, Browning CA. Nonoccupational HIV post-exposure prophylaxis guidelines for Rhode Island healthcare practitioners from the Brown University AIDS Program and the Rhode Island Department of Health: a unique public and private collaborative effort for HIV prevention. [abstract 566] CDC National HIV Prevention Conference. Atlanta, GA. August 27-30, 2003.
10. **Merchant RC**, Becker BM, Mayer KH, Fuerch J, and Schreck B. Blood or body fluid exposures and HIV post-exposure prophylaxis provision at a large, urban emergency department. [abstract 390] CDC National HIV Prevention Conference. Atlanta, GA. August 27-30, 2003.
11. **Merchant RC**, Schwartzapfel BL, Wolf F, Carlson L, and Rich JD. Emergency medical system responses to opiate overdoses in Rhode Island, 1997-2002. [abstract 174] American College of Emergency Physicians Research Forum. Boston, MA. October 12-13, 2003 and Eleventh Annual Research Celebration, Providence, RI, October 2003.
12. **Merchant RC**, Gee EM, Bock BC, Becker BM. Predictors of preventive health knowledge among emergency department female patients. [abstract 343] American College of Emergency Physicians Research Forum. San Francisco, CA. October 17-20, 2004 and Twelfth Annual Research Celebration, Providence, RI, October 2004.

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13. **Merchant RC**, Mayer KH, and Becker BM. Offering and receipt of HIV post-exposure prophylaxis in Rhode Island emergency departments. [abstract T1-C1004] CDC National HIV Prevention Conference. Atlanta, GA. June 12-15, 2005.
14. **Merchant RC**, Lau TC, Mayer KH, and Becker BM. Adult sexual assault evaluations at Rhode Island emergency departments, 1995-2001. [abstract 344] American College of Emergency Physicians Research Forum. Washington, DC. September 26-27, 2005 and Thirteenth Annual Research Celebration, Providence, RI, September 2005.
15. **Merchant RC**, Gee EM, Damergis JA, Bock BC, Becker BM, Clark MA. Correlates of contraceptive usage among female emergency department patients. [abstract 336] American College of Emergency Physicians Research Forum. Washington, DC. September 26-27, 2005 and Thirteenth Annual Research Celebration, Providence, RI, September 2005.
16. **Merchant RC**, Chee KJ, Mayer KH, and Becker BM. Healthcare worker blood or body fluid exposures and HIV prophylaxis provision at Rhode Island emergency departments. [abstract 331] American College of Emergency Physicians Research Forum. Washington, DC. September 26-27, 2005 and Thirteenth Annual Research Celebration, Providence, RI, September 2005.
17. **Merchant RC**, Phillips BZ, Mayer KH, and Becker BM. Predictors of sexually transmitted disease and pregnancy testing and prophylaxis usage for adult female sexual assault survivors in Rhode Island emergency departments. [abstract 166] American College of Emergency Physicians Research Forum. Washington, DC. September 26-27, 2005 and Thirteenth Annual Research Celebration, Providence, RI, September 2005.
18. **Merchant RC**, Mayer KH, Becker BM, Pugatch DL, and Duffy SJ. Comparison of emergency department sexually transmitted disease and pregnancy testing and prophylaxis utilization after pediatric sexual assault. [abstract 113458] American Public Health Association 133rd Annual Meeting & Exposition, Philadelphia, PA. December 10-14, 2005.
19. **Merchant RC**, Zabbo CP, Mayer KH, and Becker BM. What factors affect antibiotics usage and admission for human bites? [abstract 1183]. 10th Annual New England Regional Society for Academic Emergency Medicine Research Conference. Shrewsbury, MA. March 30, 2006 and Fourteenth Annual Research Celebration, Providence, RI, November 2006.
20. Assoumou SA and **Merchant RC**. Intracranial hypotension: a rare cause of headache. Rhode Island American College of Physicians Annual Spring Scientific Meeting. Providence, RI. May 10, 2006.
21. **Merchant RC**, McGregor AM, Gee EM, Bock BC, Becker BM, and Clark MA. What do women want? Preventive health preferences in the ED. [abstract 267] Society for Academic Emergency Medicine Annual Meeting, San Francisco, CA. May 18-21, 2006 and Fourteenth Annual Research Celebration, Providence, RI, November 2006.
22. **Merchant RC**, Gee EM, Seage GR, Mayer KH, and Clark MA. Development of an animated video presentation on rapid HIV testing for pre-test counseling in traditional and non-traditional testing settings. [abstract 141087] American Public Health Association 134th Annual Meeting & Exposition, Boston, MA, November 6, 2006 and Fourteenth Annual Research Celebration, Providence, RI, November 2006.
23. **Merchant RC**, Gee EM, Seage GR, Mayer KH, Clark MA, and DeGruttola VG. Patient comprehension about rapid HIV testing improves with the use of an animated video presentation. [abstract 137033]

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American Public Health Association 134th Annual Meeting & Exposition, Boston, MA, November 6, 2006 and Fourteenth Annual Research Celebration, Providence, RI, November 2006.

24. **Merchant RC**, Catanzaro BM, Seage GR III, Mayer KH, Clark MA, DeGruttola VG, and Becker BM. Who has not had an HIV test? HIV testing history varies by ED patient demography. [abstract 2110] Society for Academic Emergency Medicine New England Regional Research Meeting, Shrewsbury, MA. April 18, 2007, and [abstract 408] American College of Emergency Physicians Research Forum, Seattle, WA, October 9, 2007, and Fifteenth Annual Research Celebration, Providence, RI, November 2007.
25. **Merchant RC**, Seage GR III, Mayer KH, Clark MA, DeGruttola VG, and Becker BM. Is a 9.5 minute video an effective substitute for an HIV counselor for rapid HIV testing? [abstract 447] Society for Academic Emergency Medicine Annual Meeting, Chicago, IL. May 19, 2007, and Fifteenth Annual Research Celebration, Providence, RI, November 2007.
26. **Merchant RC**, Seage GR III, Mayer KH, Clark MA, DeGruttola VG, and Becker BM. Does willingness to undergo rapid HIV testing in the emergency department vary by patient demography and history of HIV testing? [abstract 352] 2007 National HIV Prevention Conference, Centers for Disease Control and Prevention, Atlanta, GA, December 4, 2007.
27. **Merchant RC** and Catanzaro BM. HIV diagnostic testing in US emergency departments, 1993-2004. [abstract 582] 2007 National HIV Prevention Conference, Centers for Disease Control and Prevention, Atlanta, GA, December 3, 2007.
28. **Merchant RC**, DePalo DM, Liu T, Rich JD, and Stein MD. Predictors of a chlamydia and/or gonorrhea infection among adult male emergency department patients. [abstract 15400] 2008 National STD Prevention Conference, Centers for Disease Control and Prevention, Chicago, IL, March 10-13, 2008.
29. Nagdev AD, Tirado-Gonzalez A, Sisson CA, Murphy MM, and **Merchant RC**. Bedside ultrasound for the noninvasive estimation of central venous pressure in critically-ill emergency department patients. [abstract 547] Society for Academic Emergency Medicine Annual Meeting, Washington, DC. June 1, 2008.
30. Waxman MJ, **Merchant RC**, Maher JG, Clark MA, Simmons EA, Celada MT, Beckwith CG, Liu T, Mayer KH. [abstract 151] Do clinicians prefer the 2006 or 2001 CDC HIV testing recommendations? 2008 National Summit on HIV Diagnosis, Prevention, and Access to Care, Arlington, VA. November 19-21, 2008.
31. **Merchant RC**, Clark MA, Mayer KH, Seage III GR, DeGruttola VG, and Becker BM. Video-delivered rapid HIV pre-test information to streamline HIV testing. [abstract 210] 2008 National Summit on HIV Diagnosis, Prevention, and Access to Care, Arlington, VA. November 19-21, 2008.
32. **Merchant RC**, Clark MA, Seage III GR, Mayer KH, DeGruttola VG, and Becker BM. Do emergency department patients want to be screened for HIV? [abstract 317] 2008 National Summit on HIV Diagnosis, Prevention, and Access to Care, Arlington, VA. November 19-21, 2008.
33. **Merchant RC**, Waxman MJ, Clark MA, Celada MT, and Sherwin AM. Are the 2006 CDC HIV testing recommendations ethically justified? It depends! [abstract 131] 2008 National Summit on HIV Diagnosis, Prevention, and Access to Care, Arlington, VA. November 19-21, 2008.

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34. Waxman MJ, **Merchant RC**, Maher JG, Clark MA, Simmons EM, Celada MT, Beckwith CG, Liu T, and Mayer KH. Who prefers CDC-recommended streamlined methods for HIV testing? [abstract 402] 2009 Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA. May 16, 2009.
35. **Merchant RC**, Clark MA, Mayer KH, Seage III GR, DeGruttola VG, and Langan TJ. Can computer-based feedback improve emergency department patient uptake of HIV screening? [abstract 251] 2009 CDC National HIV Prevention Conference. Atlanta, GA. August 2009.
36. Waxman MJ, **Merchant RC**, Clark MA, Celada MT, and Sherwin AM. Ethical Considerations on the 2006 CDC HIV Screening Policies: Opinions of US HIV Leaders [abstract 247] 2009 CDC National HIV Prevention Conference, Atlanta, GA. August 2009.
37. **Merchant RC**, Waxman MJ, Clark MA, Maher JC, Celada MT, Beckwith CG, Liu T, Simmons EA, and Mayer KH. Do patients and clinicians have ethical concerns about the 2006 CDC HIV testing recommendations? [abstract 270] 2009 CDC National HIV Prevention Conference, Atlanta, GA. August 2009.
38. Waxman MJ, **Merchant RC**, Clark MA, Maher JG, Celada MT, Beckwith CG, Liu T, Simmons EA, and Mayer KH. Will the 2006 CDC HIV testing recommendations reduce stigma and increase HIV testing? [abstract 271] 2009 CDC National HIV Prevention Conference, Atlanta, GA. August 2009.
39. Garro A, Asnis L, **Merchant RC**, and McQuaid E. Emergency department prescriptions for long-term inhaled corticosteroids for children with asthma: Are we following recommendations? [abstract 93] 2009 American College of Emergency Physicians Scientific Assembly, Boston, MA. October 5, 2009.
40. Guzman H, **Merchant RC**, Baird JR, Nirenberg TD, Liu T, and Ladd GT. How does hazardous and heavy episodic alcohol drinking relate to HIV sexual risk among emergency department patients? [abstract 65] 2010 American College of Emergency Physicians Scientific Assembly Research Forum, Las Vegas, NV. September 28, 2010, and Eighteenth Annual Research Celebration, Providence, RI, October 2010.
41. **Merchant RC**, Baird JR, Nirenberg TD, Liu T, and Ladd GT. Does self-report of alcohol misuse and sexual risk-taking motivate patients to be tested for HIV? [abstract 1408] CDC 2011 National HIV Prevention Conference, Atlanta, GA, August 14–17, 2011.
42. **Merchant RC**, Baird JR, Nirenberg TD, Liu T, and Ladd GT. Increasing HIV sexual risk-taking as a function of alcohol misuse among emergency department patients. [abstract 1399] CDC 2011 National HIV Prevention Conference, Atlanta, GA, August 14–17, 2011.
43. Trillo A, **Merchant RC**, Baird JR, Liu T, and Nirenberg TD. Gender differences in alcohol misuse and estimated blood alcohol levels among emergency department patients: implications for brief interventions. [abstract 16] 8th annual INEBRIA Conference, Boston, MA, September 22, 2011, and Nineteenth Annual Research Celebration, Providence, RI, October 2011.
44. Babu KM, Cotter BV, Jackson DA, **Merchant RC**, Baird JR, Nirenberg T, and Linakis JG. Prescription amphetamine and illicit stimulant use among adolescent and young adult emergency department patients. [abstract 17] 2011 North American Congress of Clinical Toxicology, Washington, DC, September 23, 2011, and Nineteenth Annual Research Celebration, Providence, RI, October 2011.
45. Merritt C, Mintzer J, Stricker J, Haran JP, Murphy L, and **Merchant RC**. All pus is not created equal – differences between children and adults in organisms isolated from abscesses in the emergency department.

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[abstract ID# 13284] American Academy of Pediatrics National Conference and Exhibition. Boston, MA, October 14, 2011.

46. Pringle KD, **Merchant RC**, and Clark MA. Is self-perceived HIV risk congruent with self-reported HIV risk among adult emergency department patients? Implications for HIV testing. [abstract 64] American College of Emergency Physicians Scientific Assembly Research Forum, San Francisco, CA, October 15, 2011, and Nineteenth Annual Research Celebration, Providence, RI, October 2011.
47. Merritt C, Mintzer J, Stricker J, Haran JP, Murphy L, and **Merchant RC**. More may not be better - Are emergency department clinicians overdosing abscess patients with antibiotics? [abstract 130] American College of Emergency Physicians Scientific Assembly Research Forum, San Francisco, CA, October 15, 2011, and Nineteenth Annual Research Celebration, Providence, RI, October 2011.
48. Jackson DAE, Cotter BV, **Merchant RC**, Babu KM, Baird JR, Nirenberg T, and Linakis JG. Getting HYPED! Behavioral and physiological side-effects associated with energy drink and caffeine use among emergency department patients. [abstract 433] American College of Emergency Physicians Scientific Assembly Research Forum, San Francisco, CA, October 16, 2011, and Nineteenth Annual Research Celebration, Providence, RI, October 2011.
49. Baird J, Morillo J, Mintzer J, **Merchant RC**, Liu T, and Rich J. Increasing the uptake of testing for chlamydia and gonorrhea among young female emergency department patients. [abstract 244972] 139th American Public Health Association Annual Meeting. Washington, DC, November 1, 2011.
50. **Merchant RC**, Clark MA, Liu T, Santelices C, and Cortes D. Can a video substitute for an in-person discussion in delivering HIV pre-test information to Spanish-speaking Latinos and better serve those with lower health literacy? [abstract #31945] 2012 National Conference on Health Communication, Marketing, and Media. Atlanta, GA, August 7-9, 2012, Twentieth Annual Research Celebration, Providence, RI, October 2012, and 2012 National Summit on HIV and Viral Hepatitis Diagnosis, Prevention, and Access to Care, Washington, DC, November 27, 2012.
51. Canders CP, **Merchant RC**, Pleet K, and Fuerch JH. Incidence of adjudicated internet-initiated sexual assault among US adolescents reported in newspapers, 1996-2007. [abstract #1733] 17th International Conference on Violence, Abuse and Trauma. San Diego, CA, September 9-12, 2012.
52. Tai M, **Merchant RC**. HIV testing in US emergency departments, outpatient ambulatory medical departments, and physician offices, 1993-2010. [abstract] 2012 National Summit on HIV and Viral Hepatitis Diagnosis, Prevention, and Access to Care, Washington, DC, November 27, 2012, and Twentieth Annual Research Celebration, Providence, RI, October 2012.
53. Tai M, **Merchant RC**, Liu T. HIV/AIDS-related hospitalization rates in US short-stay hospitals, 1982-2010. [abstract] 2012 National Summit on HIV and Viral Hepatitis Diagnosis, Prevention, and Access to Care, Washington, DC, November 27, 2012, and Twentieth Annual Research Celebration, Providence, RI, October 2012.
54. Schwartz TM, Tai M, Babu KM and **Merchant RC**. Evaluating the relationship between opioid analgesics and patient satisfaction among emergency department patients. [abstract #356] American College of Emergency Physicians Scientific Assembly Research Forum, Seattle, WA, October 15, 2013.
55. Beaudoin FL, Lin C, Donaghy I, **Merchant RC**. Low dose ketamine improves pain relief in patients receiving intravenous opioids for acute pain in the emergency department: results of a randomized, double-

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- blind, clinical trial. [abstract #3] 2014 Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 14, 2014.
56. **Merchant RC**, Baird JR, Liu T, Taylor L, Montague BT, and Nirenberg T. Does a brief intervention increase HIV/HCV screening among drug-using emergency department patients? [abstract #743] 2014 Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 17, 2014.
57. Shao W, **Merchant RC**, Clark MA, Liu T, Guan W, Santelices C, and Cortes DE. Does a video improve HIV/AIDS and HIV testing knowledge among a global sample of internet and social media users? [abstract #35819] National Conference on Health Communication, Marketing and Media, Atlanta, GA, August 20, 2014.
58. **Merchant RC**, Baird JR, Liu T, Beaudoin F, and Nirenberg T. Severity of substance misuse and need for substance misuse interventions among adult emergency department patients. [abstract #189] American College of Emergency Physicians Scientific Assembly Research Forum, Chicago, IL, October 27, 2014.
59. **Merchant RC**, Baird JR, Liu T and Nirenberg TD. Does a brief intervention for adult emergency department patients decrease drug misuse and increase drug treatment services utilization? [abstract] 2015 Society for Academic Emergency Medicine Annual Meeting, San Diego, CA, May 12-15, 2015.
60. Beaudoin FL, Liu T, Baird JR, and **Merchant RC**. Gender differences in substance use among adult emergency department patients: prevalence, severity, and need for Intervention. [abstract 2328]. Society for Academic Emergency Medicine Annual Meeting, San Diego, CA, May 12-15, 2015.
61. **Merchant RC**, Delong AK, Liu T, and Baird JR. Does a brief intervention among drug misusing adult emergency department patients increase uptake of rapid HIV/HCV screening? [abstract] 2015 National Summit on HCV and HIV Diagnosis, Prevention, and Access to Care. Washington, DC. June 4-6, 2015.
62. Corner D, Garza E, Guan W, Chan P, Mayer KH, Brown L, and **Merchant RC**. Preferences for HIV pre-exposure prophylaxis (PrEP) information among MSM at community outreach settings in Providence, Rhode Island. [abstract] 2015 National Summit on HCV and HIV Diagnosis, Prevention, and Access to Care. Washington, DC. June 4-6, 2015.
63. **Merchant RC**, Shao W, Guan W, Clark MA, Liu T, Santelices C, and Cortes DE. Variations in recruitment yield, costs, and speed and participant diversity across internet or social media platforms in a global study of HIV/AIDS and HIV testing knowledge. [abstract A-729-0251-01002] 8th IAS Conference on HIV Pathogenesis, Treatment and Prevention, Vancouver, Canada. July 20-22, 2015.
64. Waxman MJ, **Merchant RC**, Cowan EA, and O'Connell DA. Should we alert emergency department patients to the costs of HIV screening? Findings from a working group of the New York State Department of Health AIDS Institute. [abstract] 2015 National Summit on HCV and HIV Diagnosis, Prevention, and Access to Care. Washington, DC. June 4-6, 2015.
65. **Merchant RC**, Clark MA, Rosenberger J, Bauermeister J, and Mayer KH. Incongruence between self-perceived HIV risk and reported sexual risk among social media-using Black, Hispanic and white YMSM. [abstract] 2015 CDC National HIV Prevention Conference. Atlanta, GA. December 6-9, 2015.
66. **Merchant RC**, Clark MA, Rosenberger J, Bauermeister J, and Mayer KH. Low PrEP utilization among social media-using young adult Black, Hispanic and white MSM at higher risk for HIV acquisition. [abstract] 2015 CDC National HIV Prevention Conference. Atlanta, GA. December 6-9, 2015.

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67. **Merchant RC**, Baird JR, and Liu T. How do one-question screening strategies compare to a more comprehensive substance use assessment in identifying adult emergency department patients who might need an intervention? [abstract] Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA, May 10-13, 2016.
68. **Merchant RC**, Zhang Z, Liu T, and Baird JR. Does a brief intervention reduce drug use and increase drug treatment utilization among adult emergency department patients over a one-year period? [abstract] Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA, May 10-13, 2016.

VIDEOTAPE

1. **Merchant RC**, Gee EM, and Christie SI. "Do you know about rapid HIV testing?" RC Merchant, Executive Producer. Abbott Diagnostics, Producer. March 2005.
2. **Merchant RC**, Gee EM, Sykes DA, Goishi D, and Christie SI. "Do you know about HIV and HIV testing?" RC Merchant, Executive Producer. Abbott Diagnostics, Producer. November 2007.
3. **Merchant RC**, Clark MA, Santelices C, Cortes DE, Arellano N, and Reyes A. "What do you know about HIV and HIV testing?" RC Merchant, Executive Producer. SI Christie, Producer. May 2012.

CLINICAL PRACTICE GUIDELINES

1. **Merchant RC**, Mayer KH, Browning C. Nonoccupational human immunodeficiency virus postexposure prophylaxis guidelines for Rhode Island healthcare practitioners. Brown University AIDS Program and Rhode Island Department of Health. Providence, RI, August 2002.
2. ACEP Clinical Policies Committee and the Clinical Policies Subcommittee on Acute Blunt Abdominal Trauma. Critical issues in the evaluation of adult patients presenting to the emergency department with acute blunt abdominal trauma. October, 2003. Published in: *Ann Emerg Med.* 2004;43:278-290.
3. World Health Organization. Post-exposure prophylaxis to prevent HIV infection. Joint WHO/ILO guidelines on post-exposure prophylaxis (PEP) to prevent HIV infection. International Labor Organization and World Health Organization, Geneva, Switzerland, August 2008.
4. New York AIDS Institute. Unresolved issues with New York State HIV testing laws: Alerting patients of the cost of testing. Albany, NY, October 2012.

INVITED PRESENTATIONS

1. Nonoccupational HIV post-exposure prophylaxis guidelines for Rhode Island. Internal Medicine Residency Program, Brown Medical School, Rhode Island Hospital and The Miriam Hospital, January 2003. Emergency Medicine Residency Program, Brown Medical School, Rhode Island Hospital, December 2002. Family Medicine Residency Program, Brown Medical School, Memorial Hospital of Rhode Island, Grand Rounds, December 2002. Brown University AIDS Program, Brown Medical School, November 2002.
2. Nonoccupational HIV post-exposure prophylaxis for adolescents and children. Pediatric Emergency Medicine Infectious Diseases Symposium, Mount Sinai School of Medicine, The Mount Sinai Hospital,

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March 2003.

3. Post-exposure prophylaxis after healthcare worker blood or body fluid exposures. Surgery Residency Program, Brown Medical School, Rhode Island Hospital, Grand Rounds, April 2003.
4. Healthcare worker blood or body fluid exposure management. Brown University AIDS Program Annual Primary Care Provider Update, Providence Marriott, May 2003.
5. Nonoccupational HIV post-exposure prophylaxis. Obstetrics and Gynecology Residency Program, Brown Medical School, Women and Infants' Hospital, July 2003.
6. Post-exposure prophylaxis after blood or body fluid exposures in the correctional setting. Brown University AIDS Program, Program for Rhode Island Correctional Officers, December 2003.
7. Updated blood and body fluid exposure management protocols. Department of Emergency Medicine, Rhode Island Hospital, February 2004.
8. Demographic, geographic, and temporal patterns of suspected opiate overdose in Rhode Island. Center for AIDS Research, Brown Medical School, March 2004.
9. Healthcare worker blood or body fluid exposure management. Brown University AIDS Program, Annual Primary Care Provider Update, Providence Biltmore, May 2004.
10. Post-exposure prophylaxis after sexual assault. Obstetrics and Gynecology Residency Program, Brown Medical School, Women and Infants' Hospital, June 2004.
11. Blood or body fluid exposure management in the dental health care setting. Rhode Island Department of Corrections, June 2004 and June 2005.
12. Blood or body fluid exposure management. Emergency Medicine Residency Program, Brown Medical School, Rhode Island Hospital, July 2004.
13. Performing the Rhode Island Sexual Assault Examination kit. Emergency Medicine Residency Program, Brown Medical School, Rhode Island Hospital, November 2004, July 2005, July 2006, and June 2007.
14. Blood or body fluid exposure management: An Update. Brown University AIDS Program, Annual Primary Care Provider Update, Providence Marriott, May 2005.
15. Blood or body fluid exposure and sexual assault prophylaxis: ED Evaluation and Management. Emergency Medicine Residency Program, Brown Medical School, Rhode Island Hospital, July 2005, July 2006 and June 2007.
16. HIV post-exposure prophylaxis in the corrections setting. Joint International Labor Organization/World Health Organization Technical Meeting for the Development of Policy and Guidelines on Occupational and Non-Occupational Post-exposure Prophylaxis for HIV. Geneva, Switzerland, September 2005.
17. Blood or body fluid exposure post-exposure prophylaxis. Infectious Diseases Fellowship Program, Brown Medical School, The Miriam Hospital, November 2005.

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18. Blood or body fluid exposure management: 2006 update. Brown University AIDS Program, Annual Primary Care Provider Update, Providence Marriott, June 2006.
19. Evaluation and treatment of chlamydia, gonorrhea, and other sexually transmitted causes of urethritis. Emergency Medicine Residency Program, Brown Medical School, Rhode Island Hospital, August 2006.
20. Non-occupational HIV post-exposure prophylaxis. Rhode Island Association of Nurses in AIDS Care. Spain Restaurant, Cranston, December 2006.
21. Structural changes to promote HIV prevention. Panelist. The global threat of HIV among women: challenges and responses. Brown University AIDS Program symposium, Providence, May 2007.
22. Ethical, financial, and legal concerns for emergency department-based HIV screening. Moderator, National Emergency Department HIV Testing Consortium, Baltimore, MD, November 2007.
23. Blood or body fluid exposure management. Quincy Medical Center. Quincy, MA, December 2007.
24. Rapid HIV testing in the emergency department. Hartford, CT, April 2008.
25. Post-exposure prophylaxis for hepatitis and HIV. Kent Hospital. Warwick, RI, May 2008.
26. Research proposal background and significance sections AND Structuring NIH biographical sketches. Brown University Department of Emergency Medicine Research Retreat. Providence, RI, September 2008.
27. Emergency department blood or body fluid exposure and HIV post-exposure prophylaxis utilization. Grand Rounds, Department of Emergency Medicine, Mount Sinai School of Medicine. New York, NY, September 2008. Primary Provider HIV/AIDS Symposium, Brown University AIDS Program, Providence, RI, September 2008.
28. Blood or body fluid exposure and HIV post-exposure prophylaxis. New Hampshire Society of Health System Pharmacists. Concord, NH. April 2009.
29. Emergency department blood or body fluid exposure and HIV post-exposure prophylaxis utilization. HIV/AIDS seminar series. Dartmouth-Hitchcock Medical Center. Lebanon, NH. May 2009.
30. Post-exposure prophylaxis for healthcare-related blood or body fluid exposures. Rhode Island chapter of the American College of Emergency Physicians and Rhode Island chapter of the American College of Surgeons joint educational meeting. East Greenwich, RI. September 2009.
31. Post-exposure prophylaxis for healthcare-related blood or body fluid exposures. Primary Provider HIV/AIDS Symposium, Brown University AIDS Program, Providence, RI. September 2009.
32. CDC HIV testing guidelines: unresolved ethical concerns. American Foundation for AIDS Research (amFAR) investigators meeting. Boston, MA. September 2009.
33. HIV screening and diagnostic testing in US emergency departments: what have we learned so far? Keynote speaker, 17th Annual Hospital Research Celebration. Providence, RI. October 2009.
34. Clinical evaluation and management of blood or body fluid exposures. Department of Medicine Grand Rounds, Memorial Hospital of Rhode Island. Pawtucket, RI. January 2010.

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35. Emergency department blood or body fluid exposure evaluations and post-exposure prophylaxis utilization. Department of Emergency Medicine Grand Rounds, Yale University School of Medicine. New Haven, CT. March 2010.
36. Management of occupational and non-occupational exposures to HIV and recommendations for post-exposure prophylaxis. Prevención y manejo integral de VIA/SIDA/ITS. 3er Congreso Internacional y 9na Jornada Académica. Pontificia Universidad Católica del Ecuador. Quito, Ecuador. March 2010.
37. Brief Intervention for Drug Misuse for the Emergency Department (BIDMED). NIDA SBIRT grantee meeting. Bethesda, MD, October 2010.
38. Faculty promotion workshop. Brown University. April 2011.
39. Interrelationships among alcohol use and misuse, HIV sexual risk and HIV testing uptake among emergency department patients. Lifespan/Tufts/Brown Center for AIDS Research Research-in-Progress Seminar. March 2012.
40. Emergency department HIV testing: what then, and what now? University of Alabama at Birmingham Emergency Medicine Grand Rounds. July 2012.
41. Brief Intervention for Drug Misuse for the Emergency Department (BIDMED). NIDA SBIRT grantee webinar. January 2013.
42. Emergency department blood or body fluid exposure evaluations and post-exposure prophylaxis for adult patients. Orlando Regional Medical Center Department of Emergency Medicine Grand Rounds. February 2015.
43. Brief interventions for substance misuse in the adult emergency medicine setting. Orlando Regional Medical Center Department of Emergency Medicine Grand Rounds. February 2015.
44. Emergency department blood or body fluid exposure evaluations and post-exposure prophylaxis for adult patients. Universidad Nacional Autónoma de Nicaragua, Managua. February 2015.
45. Brief interventions for substance misuse in the adult emergency medicine setting. Universidad Nacional Autónoma de Nicaragua, Managua. February 2015.
46. Inside the study section: What sinks great grant proposals. Errors of commission. Society for Academic Emergency Medicine annual meeting didactic session. San Diego, CA. May 2015.
47. Case examples of ethical dilemmas arising in medical practice. Deemer Ethics and the Professions series. Wheaton College, Norton, MA. October 2015.
48. Emergency department HIV testing: what do we know and not know? University of South Florida Division of Infectious Diseases Grand Rounds. February 2016.
49. Using CDC NCHS datasets for emergency medicine research. Department of Emergency Medicine research seminar. March 2016.
50. Research publishing ethics. Department of Emergency Medicine research seminar. April 2016.

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51. Journal club session on amiodarone vs. lidocaine or placebo. Johnson and Wales University Physician Assistant program. June 2016.
52. Blood and body fluid exposure management. Department of Emergency Medicine intern orientation. July 2008-present.
53. Journal club orientation. Department of Emergency Medicine intern orientation. July 2011-present.

GRANTS

1. 2001-2002 Society for Academic Emergency Medicine Resident Research Award
Role: Principal Investigator; \$50,000
2. 2002-2003 Elizabeth Glaser Pediatric AIDS Foundation (27.5-PS-22127)
Role: Principal Investigator; \$6,000
Title: HIV postexposure prophylaxis to adolescents and children in RI
3. 2002-2003 Rhode Island Foundation (20020740)
Role: Principal Investigator; \$10,000
Title: HIV postexposure prophylaxis in RI Emergency Departments
4. 2002-2004 National Institute on Drug Abuse (T32-DA13911-02)
Role: Trainee
Title: Prevention, diagnosis, and treatment of HIV and other infectious diseases among substance abusers
5. 2004-2005 Centers for Disease Control and Prevention (U65 / CCU124504)
Role: Principal Investigator; \$120,000
Title: Evaluation of video-based rapid HIV test counseling in the emergency department
6. 2004-2009 National Institute for Allergic and Infectious Diseases (K23-AI060363)
Role: Principal Investigator; \$681,400
Title: Rapid HIV testing in the emergency department
7. 2007-2008 American Foundation for AIDS Research (106879-42-RGAT)
Role: Principal Investigator; \$120,000
Title: CDC HIV testing guidelines: unresolved ethical concerns
8. 2009-2010 Lifespan/Tufts/Brown Center for AIDS Research (P30-AI042853)
Role: Principal Investigator; \$40,000
Title: Confluence of HIV risk behaviors and drug misuse among Rhode Island Hospital Emergency Department patients
9. 2009-2014 National Institute on Drug Abuse (R01-DA026066)
Role: Co-Principal Investigator; \$3,239,237
Title: Brief intervention for drug misuse for emergency department patients (BIDMED)

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10. 2009-2010 National Institute on Drug Abuse (American Recovery and Reinvestment Act Summer Student and Teacher Supplement to R01-DA026066-01S1)
Role: Co-Principal Investigator; \$80,000
Title: Brief intervention for drug misuse for emergency department patients (BIDMED)
11. 2010-2012 National Institute on Drug Abuse (R21-DA028645)
Role: Principal Investigator; \$429,452
Title: Increasing viral testing in the emergency department (InVITED)
12. 2010-2012 National Institute of Nursing Research (R21-NR011997)
Role: Principal Investigator; \$453,523
Title: Video-based delivery of HIV test information for Spanish-speaking Latinos
13. 2010-2012 National Institute on Drug Abuse (Diversity Supplement to R01-DA026066-02S1)
Role: Co-Principal Investigator; \$84,808
Title: Brief intervention for drug misuse for emergency department patients (BIDMED)
14. 2010-2014 Gilead Foundation
Role: Principal Investigator; \$25,466
Title: Hepatitis B screening and vaccination for emergency department patients who misuse drugs
15. 2013-2015 Society for Academic Emergency Medicine (RF2013-001)
Role: Co-Principal Investigator; \$150,000
Title: Brown University emergency medicine substance abuse research fellowship
16. 2014-2016 National Institute of Nursing Research (R21-NR013869)
Role: Principal Investigator; \$462,825
Title: Facilitating HIV testing among young adult MSM through social networking
17. 2014-2019 National Institute of Nursing Research (R01-NR014782)
Role: Principal Investigator; \$3,564,466
Title: Facilitating HIV/AIDS and HIV testing literacy for emergency department patients
18. 2015-2016 Lifespan Risk Management (FY 2016)
Role: Co-Investigator; \$55,000
Title: Critical care step-down unit: the impact of advanced practice providers on quality of care, safety, and patient satisfaction in emergency department critical care

UNIVERSITY TEACHING ROLES

BI 540: Clerkship in Community Health, Clerkship leader, July 2005

BI 372: Epidemiology in the Practice of Medicine, Small group leader, January 2005, March 2008

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BI 540: Clerkship in Community Health, Small group leader, June 2004 to August 2006

Journal Club Leader, Brown University Program in Emergency Medicine, October 2005 to present

Mentorship (formal arrangements):

Brown University undergraduate students

- Kristina Casadei, Brown University, Independent study, September-December 2005.
- Caleb Canders, Brown University, Honors thesis, September 2006-May 2007.
- Jacob Nettleton, Brown University, Karen T. Romer Undergraduate Teaching and Research Award summer research program, June-August 2007.
- Quentin Youmans, Brown University, Directed research project, BIO 195, and Honors thesis, September 2008-May 2009.
- Heidi Guzman, Brown University, Independent study, January-May 2009; summer research experience, June-August 2009; and Honors thesis, September 2009-May 2010.
- Joseph Stricker, Brown University, Independent study, January-May 2010.
- Katherine Pleet, Brown University, Independent study, January-May 2010; Karen T. Romer Undergraduate Teaching and Research Award summer research program, June-August 2010.
- Tayler Schwartz, Brown University, Honors thesis, September 2012-May 2013.
- Wenli Shao, Brown University, CFAR summer research program, June-August 2013.

Brown University medical students

- Cynthia Vuittonet, Brown Medical School 2006 summer research assistantship program, June-August 2006.
- Erin Kelly, Brown Medical School 2007 summer research assistantship in emergency medicine program, June-August 2007.
- Bradford Cotter, Alpert Medical School 2010 summer assistantship program, June-August 2010.
- Deidrya Jackson, Alpert Medical School 2010 summer research assistantship program, June-August 2010.

Brown University graduate school students

- Bethany Catanzaro, Brown University Program in Public Health, Master of Public Health summer internship, July-August 2005, and program thesis, September 2005-May 2007.

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- Angela Sherwin, Brown University Program in Public Health, Master of Public Health summer internship, July-August 2007.
- Lisa Asnis, Brown University, Master of Science in Biostatistics program, Biostatistics assistantship advisor and thesis advisor, August 2008-December 2009.
- Rachel Popick, Brown University Program in Public Health, Master of Public Health program thesis, September 2008-May 2009.
- Kimberly Dickinson, Brown University Program in Public Health, Master of Public Health summer internship, July-August 2009.
- Miao Tai, Master of Science in Biostatistics program, Biostatistics graduate assistantship and thesis advisor, September 2011-May 2013.
- Wentao Guan, Master of Science in Biostatistics program, Biostatistics graduate assistantship and thesis advisor, November 2013-May 2015.
- Zhongli Zhang, Master of Science in Biostatistics program, thesis advisor, May 2015-October 2015.
- Justin Romanoff, Master of Arts in Biostatistics program, Biostatistics graduate assistantship, May 2015-May 2016.
- Zihao Zhang, Master of Science in Biostatistics program, Biostatistics graduate assistantship, September 2015-May 2016.
- Sandra Agik, Master of Science in Epidemiology program, Epidemiology graduate assistantship, September 2015-present
- Kelsey Alexovitz, Master of Science in Biostatistics program, Biostatistics summer graduate assistantship, June-August 2016.
- Olivia King, Master of Science in Epidemiology program, Epidemiology summer graduate assistantship, May-August 2016.
- Annie Wentz, Epidemiology doctoral program, Epidemiology summer graduate assistantship, May-August 2016.

Brown University faculty

- Michael Waxman, MD, Department of Emergency Medicine, National Institutes of Health Loan Repayment Program, Opt-out HIV testing, July 2007-June 2008.
- Francesca Beaudoin, MD, MS, Department of Emergency Medicine, Brown University emergency medicine substance abuse research fellowship mentor/director, July 2013-June 2015. AHRQ K12 advisor, epidemiology doctoral program and dissertation advisor/chair, July 2015-present.
- Elizabeth Goldberg, MD, Department of Emergency Medicine research fellowship mentor/director, Center for Gerontology and Healthcare Research, AHRQ postdoctoral fellowship program and

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epidemiology master's degree program advisor and thesis advisor, July 2015-present.

- Laura McPeake, MD, Department of Emergency Medicine, Faculty development fellowship mentor/director, July 2016-present.
- Keith Corl, MD, Department of Emergency Medicine research fellowship mentor/director, Veterans' Administration Health Services Research and Development fellowship program, July 2016-present.

National Institute for Drug Abuse (NIDA) minority student research programs

- Sara Guevara, Heidi Guzman, Nermerie Velasquez, and Laura Villarino. NIDA American Recovery and Reinvestment Act (ARRA) Minority Summer Student Research Program, June-August 2009.
- Alexis Trillo, Rhode Island College, Master's Program in Chemical Dependency, NIDA Minority Student Research Program and thesis advisor, April 2010-May 2012.
- Massiel Montes de Oca and Jose Morrillo. NIDA Minority Summer Student Research Program, June-August 2010.