

CURRICULUM VITAE
Stephanie Kay BRODINE

**EDUCATION AND
PROFESSIONAL TRAINING:**

- 1988 Infectious Diseases Fellowship**
Navy Medical Center, San Diego CA
- 1982 Internal Medicine Residency**
Navy Medical Center, Oakland CA
- 1978 Rotating Internship**
Navy Medical Center, Oakland CA
- 1977 M.D.**
Georgetown University, Washington D.C.
- 1973 B.A.**
College of Wooster, Wooster, OH

PROFESSIONAL EMPLOYMENT AND POSITIONS:

- Professor** 1998–present
Division Head, Epidemiology and Biostatistics
Graduate School of Public Health, SDSU
- Program Director** 2001-present
California- Native American Research Center for Health
- Clinical Director** 2001 -present
DoD HIV/AIDS Prevention Program
- Executive Committee** 2003-present
Phidisa Project (NIAID, US DoD,
SANDF), Clinical Trials Network,
South Africa
- US Coordinator** 1999- present
VIIDAI Project (SDSU, UCSD, UABC),
San Quentin, Mexico
- Core Team Member, Uganda** 2001- present
Office of the Global AIDS Coordinator
President’s Emergency Program for AIDS Relief
- Core Team Member, South Africa** 2006-present
Office of the Global AIDS Coordinator
President’s Emergency Program for AIDS Relief
- Co-Director** 2004-2010

**Control of Infectious Diseases Course
Kingston, Jamaica
Sparkman Global Center for Health**

Part-time Lecturer 1995-97
*Division of Epidemiology and Biostatistics
GSPH, SDSU*

Head, Clinical Epidemiology Division 1991-98
*Naval Health Research Center
San Diego, CA*

Clinical Faculty, Infectious Diseases 1988-98
*Division of Infectious Diseases
Navy Medical Center San Diego
San Diego, CA*

Assistant Head, Infectious Diseases 1988-91
*Division of Infectious Diseases
Navy Medical Center San Diego
San Diego, CA*

Head, Internal Medicine Clinic 1986-88
*Department of Internal Medicine
Navy Medical Center Pendleton
Pendleton, CA*

Staff Internal Medicine Specialist 1984-86
*Department of Internal Medicine
Okinawa Naval Hospital
Okinawa, Japan*

**CERTIFYING BOARDS
AND LICENSE:**

California License A36377

American Board of Internal Medicine 1982

American Board of Infectious Diseases 1988

SOCIETY MEMBERSHIPS:

American College of Physicians, Member

American Society of Microbiology

American Public Health Association

Phi Kappa Phi

HONORS/AWARDS:

Golden Apple Award, Outstanding Faculty Graduate School of Public Health	2000, 2003 2006, 2010
Monty Alumni Award, Outstanding Faculty	2004
Phi Beta Delta, International Scholar Award San Diego Chapter	2006
CHHS, Student Alumni Award: Outstanding Graduate Faculty	2008

PUBLICATIONS:

Refereed Journals

Williams PL, Sable DL, Sorgen SP, Pappagianis D, Levine HB, **Brodine SK**, Brown BS, Grumet C, and Stevens DA: Immunologic Responsiveness and Safety Associated with *Coccidioides immitis* Spherule Vaccine in Volunteers of White, Black, and Fillipino Ancestry. *American Journal of Epidemiology* **1984**. 119(4): 591-602.

Amundson D, **Brodine SK**. A Case of Homocystinaria. *Military Medicine* **1988**.153(5): 258-60.

Amundson D, **Brodine SK**. A Fatal Case of Propranolol Poisoning. *Drug Intelligence in Clinical Pharmacy*. **1988**; 22(10): 781-782.

Amundson D, Murray KM, **Brodine SK**, and Oldfield EC. High-Dose Corticosteroid Therapy for *Pneumocystis carinii* Pneumonia in Patients with Acquired Immunodeficiency Syndrome. *Southern Medical Journal* **1989**; 82(6): 711-718.

Lal RB, **Brodine SK**, Coligan JE, and Roberts CR. Differential Antibody Responsiveness to p19 GAG Results in Serological Discrimination Between Human T Lymphotropic Virus Type I and Type II. *Journal of Medical Virology* **1991**; 35:232-236.

Sawyer MH, Wu YN, Chamberlin CJ, Burgos C, **Brodine SK**, Bowler WA, LaRocco A, Oldfield EC, and Wallace MR. Detection of Varicella-Zoster Virus DNA in the Oropharynx and Blood of Patients with Varicella. *Journal of Infectious Diseases* **1992**; 166:885-888.

Roberts CR, Mitra R, Hyams C, **Brodine SK**, and Lal RB. Serological Differentiation of Human T-Lymphotropic Virus Type I from Type II Infection by Synthetic Peptide Immunoassays. *Journal of Medical Virology* **1992**; 36:298-302.

Brodine SK, Oldfield EC, Corwin AL, Thomas RJ, Ryan AB, Holmberg J, Molgaard CA, Golbeck AL, Ryden LA, Benenson AS, Roberts CR, and Blattner WA. HTLV-1 Among U.S.

Marines Stationed in a Hyperendemic Area: Evidence for Female-to-Male Sexual Transmission. *Journal of AIDS* **1992**; 5:158-162.

Lal RB, **Brodine SK**, Kazura J, Mbidde-Katonga E, Yanagihara R, and Roberts CR. Sensitivity and Specificity of a Recombinant Transmembrane Glycoprotein (rgp21)-Spiked Western Immunoblot for Serological Confirmation of Human T-Cell Lymphotropic Virus Type I and Type II Infections. *Journal of Clinical Microbiology* **1992**; 30(2): 296-299.

Lal RB, Rudolph DL, Coligan JE, **Brodine SK**, and Roberts CR. Failure to Detect Evidence of Human T-Lymphotropic Virus (HTLV) Type I and Type II in Blood Donors with Isolated GAG Antibodies to HTLV-I/II. *Blood* **1992**; 80(2): 544-550.

Weiss, Olson PE, and **Brodine SK**. Navy Issue Condoms: Everything You Always Wanted to Know but Didn't Know Who to Ask. *Navy Medicine* **1992**; Nov-Dec: 6-7.

Wallace MR, Bowler WA, Murray NB, **Brodine SK**, and Oldfield EC. Treatment of Adult Varicella with Oral Acyclovir: A Randomized, Placebo-controlled Trial. *Annals of Internal Medicine* **1992**; 117(5): 358-363.

Weiss PJ, **Brodine SK**, Goforth RR, Kennedy CA, Wallace MR, Olson PE, Garland FC, Hall FW, Ito SI, and Oldfield EC. Initial Low CD4 Lymphocyte Counts in Recent HIV Infection and Lack of Association with Identified Coinfections. *Journal of Infectious Diseases* **1992**; 166:1149-1153.

Brodine SK, Kaime EM, Roberts C, Turnicky RP, and Lal RB. Simultaneous Confirmation and Differentiation of HTLV-1 and HTLV-II Infection by Using Recombinant Protein Comprising Immunodominant Epitopes from the Envelope Glycoproteins. *Transfusion* **1993**; 33:925-929.

Gorham ED, Garland FC, Mayers DL, Goforth RR, **Brodine SK**, Weiss PJ, McNally MS. CD4 Lymphocyte Counts Within 24 Months of Human Immunodeficiency Virus Seroconversion: Findings in the U.S. Navy and Marine Corps. *Archives of Internal Medicine* **1993**; 153:869-876.

Garland FC, Garland CF, Gorham ED, Miller MR, **Brodine SK**, Fallon A, and Balazs LL. Geographic Variation in Human Immunodeficiency Virus Seroconversion Rates in the U.S. Navy. *Journal of AIDS* **1993**; 6:1267-1274.

Garland FC, Garland CF, Gorham ED, **Brodine SK**, and Weiss PJ. Specific Western Blot Banding Patterns are Associated with Initial CD4+ Lymphocyte Counts in Human Immunodeficiency Virus Seroconverters. *Annals of Epidemiology* **1994**; 4:32-36.

Wallace MR, Woelfl I, Bowler WA, Olson PE, Murray NB, **Brodine SK**, Oldfield EC, and Arvin AM. Tumor Necrosis Factor, Interleukin-2, and Interferon-gamma in Adult Varicella. *Journal of Medical Virology* **1994**; 43:69-71.

Malone JL, Wallace MR, LaRocco JrA, Hendrick BB, Tonon E, **Brodine SK**, Bowler WA,

Lavin BS, Hawkins RE, and Oldfield EC. Syphilis and Neurosyphilis in a Human Immunodeficiency Virus Type-1 Seropositive Population: Evidence of Frequent Serologic Relapse After Therapy. *American Journal of Medicine* **1995**; 99:55-63.

Brodine SK, Hyams KC, Molgaard CA, Ito SI, Thomas RJ, Roberts CR, Golbeck AL, Oldfield EC, and Blattner WA. The Risk of Human T-Cell Leukemia Virus and Viral Hepatitis Infection Among U.S. Marines Stationed in Okinawa, Japan. *Journal of Infectious Diseases* **1995**; 171:693-696.

Brodine SK, Mascola JR, Weiss PJ, Ito SI, Porter KR, Artenstein AW, Garland FC, McCutchen FE, and Burke DS. Detection of Diverse HIV-1 Genetic Subtypes in the United States. *Lancet* **1995**; 346:1198-1199.

Garland FD, Garland CF, Gorham ED, **Brodine SK**. Western Blot Banding Patterns of HIV Rapid Progressors in the U.S. Navy Seropositive Cohort: Implications for Vaccine Development. *Annals of Epidemiology* **1996**; 6:341-347.

Beck TJ, Ruff CB, Mourtada FA, Shaffer RA, Williams KM, Kao GL, Saartoris DJ, and **Brodine SK**. Dual-Energy X-Ray Absorptiometry Derived Structural Geometry for Stress Fracture Prediction in male U.S. Marine Corps Recruits. *Journal of Bone and Mineral Research* **1996**; 11:645-653.

Brodine SK, Mascola JR, McCutchen FE. Genotypic Variation and Molecular Epidemiology of HIV. *Infections in Medicine* **1997**; 14(9): 739-748.

Brodine SK, Shafer MA, Shaffer RA, Boyer CB, Putnam SD, Wignall FS, Thomas RJ, Bales B, and Schachter J. Asymptomatic STD Prevalence in Four Military Populations: Application of DNA Amplification Assays for Chlamydia and Gonorrhea Screening. *Journal of Infectious Diseases* **1998**; 178:1202-1204.

Gorny MK, Mascola JR, Israel ZR, VanCott TC, Williams C, Balfe P, Hioe C, **Brodine SK**, Burda S, and Zolla-Pazner S. A Human Monoclonal Antibody Specific for the V3 Loop of HIV Type 1 Clade E Cross-React with Other HIV Type 1 Clades. *AIDS Research and Human Retroviruses* **1998**; 14:213-221.

Shaffer RA, **Brodine SK**, Almeida SA, Maxwell-Williams K, Ronaghy S. The Simple Measures of Physical Activity to Predict Stress Fractures in Young Men Undergoing a Rigorous Physical Training Program. *American Journal of Epidemiology* **1999**; 149:236-242.

Almeida SA, Williams KM, Shaffer RA, and **Brodine SK**. An Epidemiologic Study of the Association Between Patterns of Physical Training and Musculoskeletal Injuries. *Medical Science and Exercise* **1999**; 31:1176-1182.

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Brodine SK, Shaffer RA, Starkey MJ, Tasker SA, Gilcrest JL, Louder MK, McCutchen FE, VanCott TA, Bix D, Richmond DE, and Mascola JR. Drug Resistance Patterns, Genetic Subtypes, Clinical Features, and Risk Factors in Military Personnel with HIV-1 Seroconversion. *Annals of Internal Medicine* **1999**; 131:502-509.

Kaufman KR, **Brodine SK**, Shaffer RA, Johnson CW, and Cullison TR. The Relationship Between Foot Morphology and Musculoskeletal Overuse Injuries. *American Journal of Sports Medicine* **1999**; 27(5): 585-593.

Kaufman KR, **Brodine SK**, Shaffer RA. Military Overuse Injuries: Incidence, Surveillance, and Prevention. *American Journal of Preventive Medicine* **2000**; 18(38): 44-63.

Castillo EM, Rickman LS, **Brodine SK**, Ledbetter EK, and Kelly C. *Streptococcus Pneumoniae* Bacteremia in an Era of Penicillin Resistance. *American Journal of Infection Control* **2000**; 28:239-243.

Bush RA, **Brodine SK**, Shaffer RA. The Association of Blisters with Musculoskeletal Injuries in Male Marine Corps Recruits. *American Journal of Podiatry* **2000**, 90(4): 194-198.

Wegner SA, **Brodine SK**, Mascola JR, Tasker SA, Shaffer RA, Starkey MJ, Barile A, Martin GJ, Aronson N, Emmons WW, Stephan K, Bloor S, Vingerhoets J, Hertogs K, Larder B. Prevalence of Genotypic and Phenotypic Resistance to Anti-Retroviral Drugs in a Cohort of Therapy-Naïve HIV-1 Infected U.S. Military Personnel. *AIDS* **2000**, 14:1009-1015.

Beck TJ, Ruff CB, Shaffer RA, Betsinger K, Trone DW, and **Brodine SK**. Stress fracture in military recruits: gender differences in muscle and bone susceptibility factors. *Bone* **2000**, 27(3): 437-444.

Booth-Kewley S, Gilman PA, Shaffer RA, **Brodine SK**. Evaluation of an STD/HIV Prevention Train-The-Trainer Program. *Military Medicine*. **2001** Apr; 166(4): 304-10.

Thomas AG, **Brodine SK**, Shaffer RA, Shafer MA, Boyer CBB, Putnam S, Schachter J. High Rates of Chlamydia Infection and Unplanned Pregnancy in Women with Ready Access to Healthcare. *Obstetrics and Gynecology* **2001**. 98: 1117-1123.

Boyer CB, Shafer MA, Shaffer RA, **Brodine SK**, Ito SI, et al. STD/HIV Prevention in Young Military Men; Evaluation of a Cognitive-Behavioral Skills-Building Intervention. *Sexually Trans Diseases*, **2001** 28:349-355.

Booth-Kewley, S., Shaffer RA, Minagawa RY, and **Brodine SK**. Effectiveness of two Versions of an STD/HIV Prevention Program. *Military Medicine* **2002** Mar; 167(3): 254-9.

Booth-Kewley S, Minagawa RY, Shaffer RA, **Brodine SK**. A Behavioral Intervention to Prevent Sexually Transmitted Diseases/HIV in a Marine Corps Sample. *Military Medicine*. **2002**. Feb: 167 (2):145-150.

Shafer MA, Boyer CB, Shaffer RA, Schachter J, Ito SI, **Brodine SK**. Correlates of STDs in a Young Male Deployed Military Population. *Military Medicine* **2002** Jun; 167(6): 496-500.

Crum, NF, Wallace, MR, Stephan, K, Blazes, DL, Aronson, N, Tasker, SA, Thomas, AG, Wegner, S, Casper, C, Wald, A Corey, L, and **Brodine, SK, MD**. Correlates of Human Herpesvirus-8 Seropositivity Among U.S. Military members Recently Infected With Human Immunodeficiency Virus. *Sexually Transmitted Diseases*. **2003** Vol. 30 (9):713-718.

Brodine SK and Shafer MA. Combating Chlamydia in the Military: Why Aren't We Winning the War? Invited Editorial. *Sexually Transmitted Diseases*. **2003** Vol. 30 (7):539-44

Brodine SK, Starkey MJ, Shaffer RA, *Ito SI*, Tasker SA, Barile AJ, et al. Diverse HIV-1 Subtypes and Associated Clinical, Laboratory, and Behavioral Factors in a Recently Infected U.S. Military Cohort. *AIDS*. **2003**, Vol. 17 (17):2521-2527

Bakhireva LN, Abebe Y, **Brodine SK**, Kraft HS, Shaffer RA, Boyer CB. Human Immunodeficiency virus/acquired immunodeficiency syndrome knowledge and risk factors in Ethiopian military personnel. *Mil Med*; **2004**, 169 (3): 221-6.

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Boyer C.B., Shafer M., Shaffer R.A., **Brodine S.K.**, Pollack L.M., Betsinger K., Chang Y.J., Kraft H.S., Schachter J. Evaluation of a cognitive-behavioral, group randomized controlled intervention trial to prevent sexually transmitted infections and unintended pregnancies in young women. *Preventive Medicine* **2005** 40: 420- 431.

McCutchan FE, Sankale JL, M'Boup S, Kim B, Tovanabutra S, Hamel DJ, **Brodine SK**, Kanki PJ, Birx DL. HIV type 1 circulating recombinant form CRF09_cpx from west Africa combines subtypes A, F, G, and may share ancestors with CRF02_AG and Z321. *AIDS Res. Hum Retroviruses*. **2004** 20:819-826

Tovanabutra S, **Brodine SK**, Mascola JR, Sankale JL, Sanders-Buell E, Kim B, Birx DL, McCutchan FE. Characterization of complete HIV type 1 genomes from non-B subtype infections in U.S. military personnel. *AIDS Res. Hum. Retroviruses*. **2005** May; 21(5):424-9.

Owen, EC., Peddecord, MK., Wang W., Vryheid, R., Picardal M., DeGuire, M., Gustafson, KW., Ross, S., **Brodine, SK.**, Sawyer, MH. Hepatitis A Vaccine Uptake in San Diego County: Hispanic Children Are Better Immunized *Arch Pediatric Adolescent Med*. **2005**; 159:971-976)

Burgi, A., **Brodine, S.**, Wegner, S., Milazzo M., Wallace, M.R., Spooner, K., Blazes, D.L., Agan, B.K., Armstrong, A., Fraser, S., Crum, N.F. Incidence and Risk Factors for the Occurrence of Non-Aids-Defining Cancer Among HIV-Infected Persons. *Cancer A Journal of the American Cancer Society, Inc*. **2005**. 1; 104(7):1505-11.

Shaffer, R.A., Rauh, M.J., **Brodine**, S.K., Trone, D., Macera, C.A., Predicators of Stress Fracture Susceptibility in Young Female Recruits. *The American Journal of Sports Medicine*. **2006** Vol.34, 108-115.

Rauh MJ, Macera CA, Trone DW, Shaffer RA, **Brodine** SK. Epidemiology of Stress Fracture and Lower Extremity Overuse Injury in Female Recruits. *Medicine and Science in Sports and Exercise* 38: 1571-1577, **2006**.

Gunn RA, Lee M, Oh C, **Brodine** S. Syphilis Serologic Prevalence Monitoring Among STD Clinic Clients: Correlation with Reported Syphilis Incidence, San Diego, CA, 1985-2004. *Sexually Transmitted Diseases* 34 (10):749-753. **2007**.

Moyer LB, Brouwer KC, **Brodine** SK, Ramos R, Lozada R, Cruz M, Magis-Rodriguez C, Strathdee SA. Barriers and Missed Opportunities to HIV Testing Among Injection Drug Users in Two Mexico-US Border Cities. *Drug and Alcohol Review* 27: 39-45. **2008**.

Nelson GA, King ML, **Brodine** S. Nurse-Physician Collaboration on Medical-Surgical Wards. *Medical Surgical Nursing* 17:35 - 40. **2008**.

Rodwell TC, Moore M, Moser KS, **Brodine** S, Strathdee, SA. *Mycobacterium bovis* Tuberculosis in Binational Communities: The Changing Landscape of Tuberculosis in the United States. *Emerging Infectious Diseases* 14 (no. 6): 909-916. **2008**.

Brodine S, Thomas A, Huang R, Harbertson J, Mehta S, Leake J, Nutman T, Moser K, Wolf, Ramanathan R, Burbelo P, Nou J, Wilkins P, Reed SL. Community Based Parasitic Screening and Treatment of Sudanese Refugees: Application and Assessment of CDC Guidelines. *Am J Journal of Trop Med Hygiene*, 80:425-430. **2009**.

Buono MJ; Numan TR, Claros RM, **Brodine** SK, Kolkhorst FW. Is Active Sweating During Heat Acclimation Required for Improvements in Peripheral Sweat Gland Function? *Am J Physiol Regul Integr Comp Physiol* Aug 5. **2009**.

Crum-Cianflone N, Ganesan A, Teneza-Mora N, Riddle M, Medina S, Barahona I, **Brodine** S. Prevalence and Factors Associated with Renal Dysfunction among HIV-Infected Patients. *AIDS Patient Care and STDs*. 24 (6):353-360. **2010**.

Garfein RS, Burgos JL, Rodriguez-Lainz, **Brodine** S, Pietrucha A, Rondinelli A, Laniado-Laborin R, Ibarra E, Canez A, Fraga M. Latent TB Infection in a Migrant Agricultural Community in Baja California, Mexico. July 10. *J. Immigration Health*. **2010**

Lee JP, Calac D, Montag A, **Brodine** S, Luna J, Flores R, Gilder DA, and Moore RS. American Indian Student Involvement in Tribal Community-Based Research: Underage Drinking Prevention Among Rural Native Californians. *Journal of Rural Community Psychology*. **2010**.

Crum-Cianflone NF, Shadyab AJ, Weintrob A, Hospenthal D, Lalani T, Collins G, Mask A, **Brodine** SK, Agan BK. Association of Methicillin-Resistant *Staphylococcus aureus* (MRSA) Colonization with High-Risk Sexual Behaviors in HIV-Infected Persons. *Medicine*. November 90 (6): 319-389. **2011**.

Stoler J, **Brodine** SK, Bromfield S, Weeks JR, Scarlett HP. Exploring the Relationships

Between Dengue Fever Knowledge and *Aedes aegypti* Breeding in St. Catherine Parish, Jamaica. *Research and Reports in Tropical Medicine*. 2:1-11. **2011/**

Scarlett HP, Nisbett RA, Stoler J, Bain BC, Bhatta M, Castle T, Harbertson J, **Brodine S**, Vermund SH. South-to-North, Cross-Disciplinary Training in Global Health Practice: Ten Years of Lessons Learned from an Infectious-Disease Field Course in Jamaica. *Am J Trop Med Hygiene*. 85 (3). 397-404. **2011**.

Morrison RH, Hall NS, Said, M, Rice T, Groff H, **Brodine SK**, Slymen D, and Lederman ER. Risk Factors Associated with Complications and Mortality in Patients with *Clostridium difficile* Infection. *Clinical Infectious Diseases*. 53 (12):1173 – 1178. **2011**.

Barnes RFW, Moore M, Garfein RS, **Brodine S**, Strathdee SA, and Rodwell, T. Trends in Mortality in Tuberculosis Patients in the United States: The Long Term Perspective. *Annals of Epidemiology*. 21 (10): 791-795. **2011**.

Syme ML, Klonoff EA, Macera, CA, **Brodine SK**. Predicting Sexual Decline and Dissatisfaction Among Older Adults: The Role of Partnered and Individual Physical and Mental Health Factors. *Journal of Gerontology: Psychological Sciences*. October **2012**.

Harbertson J, Grillo M, Zimulinda E, Murego C, **Brodine S**, Sebagabo M, Araneta M, Cronan T, and Shaffer R. HIV Seroprevalence, Associated Risk Behavior, and Alcohol Use Among Male Rwanda Defense Forces Military Personnel. *AIDS Behavior DOI*, October 19, **2012**.

Volkman T, Fraga MA, **Brodine SK**, Iniguez-Stevens E, Cepeda A, Elder JP, Garfein RS. Drug Scene Familiarity and Exposure to Gang Violence Among Residents in a Small Community in Baja California, Mexico. *Global Public Health* 10:1080, October **2012**.

Woolpert T, **Brodine S**, Lemus H, Waalen J, Blair P, Faix D. Determination of clinical and demographic predictors of laboratory-confirmed influenza with subtype analysis. *BMC Infectious Diseases*. 12: 129. **2012**.

Goodman D, Fraga M, **Brodine S**, Ibarra M, Garfein R. Prevalence of Diabetes and Metabolic Syndrome in a Migrant Mixtec Population, Baja California, Mexico. *J. Immigrant Minority Health* (15): Feb 1. **2013**

Harbertson, J, Grillo M, Zimulinda E, Cronan T, May S, **Brodine S**, Sebago M, Araneta M, Shaffer R. Prevalence of PTSD and Depression, and Associated Risk Factors Among Rwandan Male Military Personnel. *Tropical Medicine and International Health*. 18:925-33. August **2013**.

Louise Norton, **Stephanie K Brodine**, Sheila Medina, Hector Lemus, Vincent Ricchiuti, Gilbert Boswell, Dylan Wessman, David Krause, and Nancy F Crum-Cianflone. Adiponectin Levels and Coronary Artery Disease Among HIV-Infected Men. *AIDS and Clinical Research* 4:208. May **2013**.

Kerri Dutcher, Edith R Lederman, **Stephanie Brodine**, Shilla Patel. Impact of the 2013 Revised CDC CLABSI Surveillance Definition on Inpatient Hospital CLABSI Rates: Is it Enough? *Infection Control and Hospital Epidemiology* 34: no.9. September **2013**.

Rachel J. Bennett, **Stephanie Brodine**, Jill Waalen, Kathleen Moser, and Timothy Rodwell. *American Journal of Public Health* 104: 95-102. April **2014**.

Barnack-Tavlaris J, **Brodine SK** Human Papillomavirus Vaccination Awareness and

Acceptability Among United States-Born and US Foreign-Born Women Living in California. *Health Care for Women International*, Sept 19: 1 – 19. **2014**

Padin DS, Faix D, **Brodine SK**, Lemus H, Hawksworth A, Putnam S, Blair P. Retrospective Analysis of Demographic and Clinical Factors Associated with Etiology of Febrile Illnesses among US Military Basic Trainees. *BMC Infect Dis* 14: 206-216. December **2014**.

Montag A, **Brodine SK**, Alcaraz JE, Clapp JD, Allison MA, Calac DJ, Hull AD, Gorman JR, Jones KL, and Chambers CD. Preventing Alcohol-Exposed Pregnancy Among an AIAN Population: Effect of a SBIRT Intervention. *Alcoholism: Clinical and Experimental Research*. 39: 125-136. January **2015**

Montag A, **Brodine SK**, Alcaraz JE, Clapp JD, Allison MA, Calac DJ, Hull AD, Gorman JR, Jones KL, and Chambers CD. Effect of Depression on Risky Drinking and Response to an SBIRT Intervention. *AJPH* 105: 1572. **2015**.

Dunn AC, Black CL, Arnold, J, **Brodine SK**, Waalen J, Binkin, N. Childhood Vaccination Rates Among Military Dependents in the United States. *Pediatrics*. 135: 1148 **2015**.

Avalos E, Catanzaro D, Catanzaro A, Ganiats T, **Brodine S**, Alcaraz J, Rodwell T. Frequency and Geographic Distribution of *gyrA* and *gyrB* Mutations Associated with Fluoroquinolone Resistance in Clinical *Mycobacterium Tuberculosis* Isolates: A Systematic Review *PLOS* 10: 1371. **2015**.

Armenta RE, Roth AM, Wagner KD, Strathdee SA, **Brodine SK**, Cuevas-Mota J, Munoz FA, Garfein RS. Prevalence and Correlates of the Use of Prefilled Syringes Among Persons Who Inject Drugs in San Diego, CA. *J. Urban Health*. 92: 1081. **2015**.

Moor MA, Fraga MA, Garfein RS, Harbertson J, Rodriguez-Lainz A, Rashidi HH, Elder JP, **Brodine SK**. Decreased Anemia Prevalence Among Women and Children in Rural Baja California, Mexico: A 6 –Year Comparative Study. *J. Community Health*. Online 8 Feb. **2016**.

Welton M, Rodriguez-Lainz A, Loza O, **Brodine S**, Fraga M. Use of lead glazed ceramic-ware and lead-based folk remedies in a rural community of Baja, California, Mexico. *Global Health Promotion*. In press.

* Italics represent student co-authors.

Book Chapters

Molgaard, CA and **Brodine SK**. Epidemiologic Concepts. In Lederberg J (Ed.), *Encyclopedia of Microbiology* **1992** 2(95-105). Academic Press.

Brodine SK and Thomas RJ. The Neuroepidemiology of Human T-Cell Lymphotropic Virus-I. In Molgaard CA (Ed.) *Neuroepidemiology: Theory and Method* **1993** 109-128. Academic Press.

Krauss M and **Brodine SK**. Preparation for Deployment. In Huycke KA (Ed.). *Military Preventive Medicine: Mobilization and Deployment* **2003**.

Amundson DE and **Brodine SK** Hemophilus Influenzae Infections. In Sedullo (Ed.). Critical Problems in Pulmonary Disease Little-Brown **2004**.

Technical Reports

Brodine SK, Shaffer Ra, Weech-Johnson C, Le AT, and Garland CF. Get SMARTS (Sports Medicine Research Team System): a Computerized Outpatient Data Collection System for Epidemiologic Research. **1995**. Naval Health Research Center, Tech Rep 95-29.

Kaufman KR, **Brodine SK**, Shaffer RA. Musculoskeletal Injuries in the Military: Literature Review, Summary, and Recommendations. **1995** Naval Health Research Center Report 95-33.

Maxwell Williams K, **Brodine SK**, Shaffer RA, Hagy J, Kaufman K. Biomechanical Properties of Infantry Combat Boot Development. **1997**. Naval Health Research Center Report 97-26.

Brodine SK and Shaffer RA. Preparation of Deploying Troops: The Role of Preventive Medicine Health Education. **1997** Naval Health Research Center Report 97-1.

Almeida S, Maxwell-Williams K, Shaffer RA, Luz T, Badong E, **Brodine SK**. A Physical Training Program to Reduce Musculoskeletal Injuries in U.S. Marine Corps Recruits, User Manual. **1997** Naval Health Research Center Report 97-2B.

Booth-Kewley S, Minagawa RY, Shaffer RA, Gilman PA, and **Brodine SK**. Evaluation of an STD/HIV Intervention Program Among Marine Security Guards. **1999**. Naval Health Research Center Report 99-23.

REVIEWER:

American Journal of Public Health
Journal of American Medical Association
Journal of Infectious Diseases
Journal of AIDS
Western Journal of Medicine
Journal of Preventive Medicine

ACTIVE GRANTS:

Principle Investigator

CA-NARCH (Native American Research Center for Health); National Institute of General Medical Sciences. (Center Program Director, and P.I., Student Mentoring Program). \$1,500,000. **2013-2018**.

Bixby Foundation; Assessment and Intervention for Family Planning in San Quintin, Mexico. (Co-PI). \$700,000. **2005-2016**.

Co-Investigator:

Minority Health International Research Training (MHIRT); National Institute for Minority Health and Disparities (NIMHD); \$100,000 **2013 - 2018**

PREVIOUS GRANTS

Principal Investigator only:

TB in the San Diego-Baja California Region: Time for Biational Community Based Solutions” California Wellness. \$100,000. **2009-2010.**

Seroconversion to HTLV-I in U.S. Marines Stationed on Okinawa. Army Research and Development Command. \$434,000. **1988-1991.**

Concomitant Infection of HIV and HTLV-I/II Retroviruses in a Military Population. Navy Research and Development Command. \$60,000. **1990.**

Human T-Cell Leukemia Virus (HTLV) Infections in DOD Health Beneficiaries. Navy Research and Development Command. \$332,000. **1992-1994.**

Geographical Typing of Human Immunodeficiency Virus (HIV) Isolates in Navy Personnel. Navy Research and Development Command. \$168,000. **1992-1994.**

Relationship of Biomechanical Factors to Overuse Injury During Naval Special Warfare Training. Navy Research and Development Command. \$1,451,000. **1992-1996.**

Military Based Sexually Transmitted Disease Behavioral Intervention in Deployed Personnel. Navy Research and Development Command. \$750,000. **1993-1997.**

Assessment and Intervention for the Reduction of Adverse Gynecologic and Obstetric Clinical Events in Women Aboard Ship. Army Research and Development Command. \$290,000. **1994-1995.**

Marine Corps Combat Boot Design Study. Marine Corps Enhancement Program. \$120,000. **1995-1996.**

Musculoskeletal Injury Incidence and Physical Activity in Navy and Marine Corps Operational Personnel. Navy Research and Development Command. \$975,000. **1997-1999.**

Molecular Epidemiology of HIV Seroconvertors. Department of Retrovirology, Department of Defense (DOD). \$2,500,000. **1997 – 2002.**

“Proyecto VIIDAI” (Co-PI). Border PACT, CONAHEC. \$15,000. **2001.**

“Capacitacion de promotores indigenas de salud en San Quintin, Baja California” (Co-PI).

Border PACT, CONAHEC. \$15,000. **2003.**

Intra-Urban Health Assessed By Remote Sensing and GIS. National Institute of Child Health and Human Development (Co-PI). \$371,900. **2005-2006.**

Rebecca and John Moores Foundation. Schistosomiasis and Strongyloidiasis Empiric Treatment in Sudanese Refugees. (Co-PI). \$134,000. **2006-2007.**

VIIDAI Family Planning Project, Bixby Demonstration Grants, \$15,000 (Co-PI). **2005;**
\$35,000, **2006.**

CA-NARCH (Native American Research Center for Health); National Institute of General Medical Sciences. (Center Program Director, and P.I., Student Mentoring Program). \$1,100,000. **2005-2009.**

San Diego Export: University Community Partnership Enhancing Minority Health in San Diego, National Center on Minority Health and Health Disparities (Co-PI) \$455,068.
(Total grant = \$6 million) **09/02-09-07.**

USAID (United States Agency for International Development)
A Cross-Border HIV/AIDS Prevention Training Program in Northwest Mexican Border Region,
\$500,000. (Co-PI) 2005, **2006 - 2008**

SERVICE

SDSU:

GSPH

Member, Curriculum and Admissions Committee, JDP (**1998 -present**)

Member, Cabinet of the GSPH (**1998 – present**)

Member Personnel Committee (**2006-7; 2009-2011; 2015 - 2017**)

Chair, Search Committee: Associate Epidemiologist; Assistant Epidemiologist (**2014 – 2015**)

University

Member, Institutional Review Board (IRB) (**2002-present**)

Member, Preprofessional Committee (**1999 – 2013**)

Member, University Retention Tenure & Promotion (**2004-2006**)

Member, Biology Faculty Search Committee (**2004**)

Academic Reviewer, Math and Science JDP (**2005**)

Academic Reviewer, Biology JDP (**2008**)

President's Campaign Committee (**2009 – present**)

Academic Reviewer, Computational Science JDP (**2011**)

Faculty Grievance Panel (**2011**)

Local:

Public Health Expert member, San Diego Mayor's Clean Syringe Exchange Program Facilitation Committee, 2010 - present

National:

Technical reviewer and consultant, US State Department's President Emergency Plan for AIDS Relief. (PEPFAR) **2004-present**

National Institute of Allergy and Infectious Diseases (NIAID) Study Section Reviewer (**2008 – 2010**) (**2012, 2013**)

National Institute of Biomedical Imaging and Bioengineering (NIBIB) Study Section Reviewer (**2013**)

National Institute of General Medical Sciences (NIGMS) Study Section Reviewer (**2014**)

NIH International Fogarty Clinical Scholars Reviewer (**2010, 2011**)

International:

Uganda Core Team Member, U.S. PEPFAR (**2004 – present**)

South Africa Core Team Member, U.S. PEPFAR (**2006 – present**)

Executive Committee, Project Phidisa, Clinical Trials Network, South African Military.

Saving Mothers, Giving Life (SMGL) Technical Group: DoD Headquarters member. **2011 – present**

Project Phidisa Clinical Trials Network, South Africa; NIAID/US DoD/SANDF. **2003-2015.**

PREVAIL, Liberia Ebola Vaccine Trial member, NIAID; Liberian Scientific Research Group, **2004-present.**