

CURRICULUM VITAE

Name: Torsten Brian Neilands

Position: Associate Adjunct Professor, Step 1
Department of Medicine
School of Medicine

Address: Center for AIDS Prevention Studies (CAPS)
University of California, San Francisco
50 Beale Street, Suite 1300
San Francisco, CA 94105

Voice: (415) 597-9236
FAX: (415) 597-9213
email: tor@ucsf.edu

EDUCATION:

1984-1988	University of California, Santa Cruz	B.A.	English Literature
1984-1988	University of California, Santa Cruz	B.A.	With Honors, Psychology
1988-1990	University of Texas at Austin	M.A.	Quantitative Methods
1988-1993	University of Texas at Austin	Ph.D.	Psychology

PRINCIPAL POSITIONS HELD:

1988-1992	University of Texas at Austin	Teaching/Research Assistant	Psychology
1992	University of Texas at Austin	Assistant Instructor	Psychology
1992-1994	University of Texas at Austin	Statistical Consultant	Computer Center
1994-2000	University of Texas at Austin	Senior Statistical Consultant	Computer Center
2000-2003	Univ. of California, San Francisco	Specialist: Statistician	Medicine
2003-2008	Univ. of California, San Francisco	Assistant Adjunct Professor	Medicine
2008-now	Univ. of California, San Francisco	Associate Adjunct Professor	Medicine

OTHER POSITIONS HELD CONCURRENTLY:

2003-now	Univ. of California, San Francisco	Director, CAPS Methods Core	Medicine
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HONORS AND AWARDS:

1988 Elected Phi Beta Kappa
1988 Honors in the Psychology Major, University of California, Santa Cruz
1989 Elected Phi Kappa Phi
1990 Honorable Mention, National Science Foundation Fellowship Competition
1998 Academic Computing Employee of the Month
2007 SAS User Feedback Award

KEYWORDS/AREAS OF INTEREST:

Scale development, scale reliability, longitudinal data analysis, structural equation modeling, multivariate statistics, factor analysis, dyadic data analysis, influential case diagnosis, behavioral statistics, behavioral HIV/AIDS research, HIV/AIDS-prevention research in minority communities.

PROFESSIONAL ACTIVITIES

PROFESSIONAL ORGANIZATIONS

Memberships

- 2007-now, UCSF Center for AIDS Research
- 2005-now, American Statistical Association
- 2006-now, American Educational Research Association
- 2006-now, AMOS Structural Equation Modeling Software Development Community Advisory Board

SERVICE TO PROFESSIONAL PUBLICATIONS:

- 2002-06 Ad hoc referee for Behavior Research, Instruments, and Computers, AIDS Education and Prevention, Annals of Behavioral Medicine, Journal of AIDS, International Journal for Equity in Health, AIDS and Behavior (1 time for each journal)

INVITED PRESENTATIONS:

- 2005 Guest Lecturer: UC Berkeley Longitudinal Analysis Course (Topic: Influence diagnostics)
- 2006 UCSF Centers for AIDS Research Symposium (Topic: Influential case detection in HIV research)

GOVERNMENT and OTHER PROFESSIONAL SERVICE:

- 2003 NIH/NIAID Special Emphasis Panel Centers for AIDS Research Grant Proposal Reviewer
- 2004 NIH/NHGRI Institutional Review Board Scientific Reviewer of Clinical Research Protocols

UNIVERSITY and PUBLIC SERVICE

UNIVERSITY SERVICE:

UCSF CAMPUS-WIDE:

- 2005 Reviewer: UCSF AIDS Research Institute Pilot Grant Awards 20 hours
- 2005 Statistical Consultation and Analysis: California Asthma Initiative 25 hours
- 2006 Reviewer: UCSF AIDS Research Institute Pilot Grant Awards 20 hours

DEPARTMENTAL SERVICE:

- 2002-05 Prevention Sciences Group Emergency Response Committee
- 2001-05 Prevention Sciences Group Computer User's Steering Committee
- 2001-now Peer Review of 115 UCSF manuscripts and grant proposals
- 2001-now Statistical Consulting of UCSF faculty and fellows (604 sessions on 462 topics)
- 2001-now Statistical Power Analysis and Study Design (304 sessions regarding 100 proposals)

2003-now	Director, Methods Core, Center for AIDS Prevention Studies
2003-now	Center for AIDS Prevention Studies Executive Committee
2005-now	Center for AIDS Prevention Studies Emergency Response Committee
2005-now	Center for AIDS Prevention Studies Computer User's Steering Committee
2006	Center for AIDS Prevention Studies Quality of Work Life Ad Hoc Committee
2007-now	Trainees in AIDS Prevention Studies Advisory Committee Member

PUBLIC SERVICE:

1993	Bikes Not Bombs	Bicycle Repair Services
1994	City of Austin	Greenbelt Trail Litter Abatement
2000-01	University of Texas at Austin	Doctoral Committee Member
2002	City of Berkeley	Waterfront Commissioner
2003	Peralta College, Alameda	Psychology Club Invited Speaker
2004-05	San Francisco Vegetarian Society	Tabling Volunteer
2005-06	Texas A&M University	Doctoral Committee Member
2005-now	Emerging Scholars Interest Network	Pro Bono Statistical Consultation

SUMMARY OF SERVICE ACTIVITIES

Within UCSF I have served on several mission-critical committees, including the division's computer steering committee. I provide regular methodological peer reviewing services to my colleagues within CAPS and several other divisions in the Department of Medicine (e.g., the Epidemiology and Preventions Intervention Center). Outside of UCSF I have served as an ad hoc reviewer of scientific proposals and manuscripts on a regular basis as well as donated time to Emerging Scholars Interest Network, a consortium of junior scholars of color. I have also been invited to deliver methodological and substantive presentations to students at local higher education institutions (e.g., UC Berkeley).

TEACHING and MENTORING

POSTGRADUATE AND OTHER COURSES

<i>Year</i>	<i>Project and Topic</i>	<i>Attendees</i>	<i>Hours</i>
2008-2009 (anticipated)	N289B Advanced Quantitative Research Methods (Guest Lecturer)	30	30
	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2007-2008	N289B Advanced Quantitative Research Methods (Guest Lecturer)	30	30
	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2006-2007	N289B Advanced Quantitative Research Methods (Guest Lecturer)	30	30
	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2005 – 2006	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2004 – 2005	Center for AIDS Prevention Studies: Statistical Seminars	20	30

	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2003 – 2004	Center for AIDS Prevention Studies: Statistical Seminars	20	50
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2002 – 2003	Center for AIDS Prevention Studies: Statistical Seminars	20	50
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2001 – 2002	Center for AIDS Prevention Studies: Statistical Seminars	30	40
	HIV Prevention in Minority Communities: Statistical Seminars	12	180

PREDOCTORAL STUDENTS SUPERVISED OR MENTORED

Dates	Name	Program or School	Role	Current Position
1996-now	Elizabeth D'Amico	Univ. of Texas, grad stud.	Statistical Mentor	Scientist, RAND Corp
1997-2005	Shanna E. Smith	Univ. of Texas, grad stud.	Statistical Mentor	Scientist, UT Austin
1998-2000	Catherine Truxillo	Univ. of Texas, grad stud.	Statistical Mentor	Trainer, SAS Institute
2000-2001	J. Bryan Sexton	Univ. of Texas, grad stud.	Statistical Mentor	Asst Prof, J. Hopkins
2002-now	DorAnne Cuenco	Nursing, graduate stud.	Statistical Consultant	Asst Prof, UCSF
2003-now	Eiko Sugano	Univ. of CA	Statistical Consultant	Research Assoc, UCSF
2004-2006	Sonja Mackenzie	Public Health, UC Berkeley	Statistical Consultant	Research Asst., CAPS
2005-now	Starley Shade	Public Health, UC Berkeley	Statistical Consultant	Sr. Statistician, CAPS
2005-now	Eric Buhi	Texas A&M, graduate stud.	Statistical Mentor	Asst Prof, U. Florida
2006-2007	Kelly Knight	Med. Anthropology, UCSF	Methodological Mentor	PhD Candidate, UCSF

POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED

Dates	Name	Fellow	Faculty Role	Current Position
2003-2006	Lisa Butler PhD	TAPS Fellow	Statistical Consultant	Asst Rsch Epidemiologist, UCSF
2004-2006	Tommy Clark MD	TAPS Fellow	Statistical Consultant	Fellow, Dartmouth University
2003-now	Wayne Steward PhD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2003-now	Hong-Ha Truong PhD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2004-now	David Huebner, PhD	TAPS Fellow	Statistical Consultant	Asst Prof, U. Maryland, Baltimore
2004-now	Tri Do MD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2005-now	Sheri Weiser MD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2005-now	Emily Arnold PhD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2006-now	Janet Turan PhD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2008-now	Jae Sevelius, PhD	Post-Doc	Statistical Consultant	Post-Doctoral Fellow, CAPS

INFORMAL TEACHING

<i>Year</i>	<i>Project and Topic</i>	<i>Attendees</i>	<i>Hours</i>
2008 – 2009	HIV Prev. in Minority Communities: Methods Consultations (anticipated)	12	100
	CAPS Methods Core: Post-Award Methods Consultations (anticipated)	46	55
	CAPS Methods Core: Pre-Award Methods Consultations (anticipated)	13	43
	CAPS Methods Core: Peer Reviews (anticipated)	8	34
2007 – 2008	HIV Prev. in Minority Communities: Methods Consultations	12	100
	CAPS Methods Core: Post-Award Methods Consultations	46	55
	CAPS Methods Core: Pre-Award Methods Consultations	13	43
	CAPS Methods Core: Peer Reviews	8	34

2006 – 2007 HIV Prev. in Minority Communities: Methods Consultations	12	100
CAPS Methods Core: Post-Award Methods Consultations	46	55
CAPS Methods Core: Pre-Award Methods Consultations	13	43
CAPS Methods Core: Peer Reviews	8	34
2005 – 2006 HIV Prev. in Minority Communities: Methods Consultations	12	100
CAPS Methods Core: Post-Award Methods Consultations	49	69
CAPS Methods Core: Pre-Award Methods Consultations	20	120
CAPS Methods Core: Peer Reviews	14	50
2004 – 2005 HIV Prev. in Minority Communities: Methods Consultations	12	100
CAPS Methods Core: Post-Award Methods Consultations	46	97
CAPS Methods Core: Pre-Award Methods Consultations	18	68
CAPS Methods Core: Peer Reviews	15	60
2003 – 2004 HIV Prev. in Minority Communities: Methods Consultations	12	100
CAPS Methods Core: Post-Award Methods Consultations	44	114
CAPS Methods Core: Pre-Award Methods Consultations	17	66
CAPS Methods Core: Peer Reviews	24	90
2002 – 2003 HIV Prev. in Minority Communities: Methods Consultations	12	90
CAPS Methods Core: Post-Award Methods Consultations	33	212
CAPS Methods Core: Pre-Award Methods Consultations	9	78
CAPS Methods Core: Peer Reviews	9	46
2001 – 2002 HIV Prev. in Minority Communities: Methods Consultations	12	100
CAPS Methods Core: Post-Award Methods Consultations	30	98
CAPS Methods Core: Pre-Award Methods Consultations	11	159
CAPS Methods Core: Peer Reviews	18	81

FACULTY MENTORING

FACULTY MENTORED:

Dates	Name	Position while Mentored	Mentoring Role	Current Position
1997-2005	David Silvera PhD	Assoc Prof	Statistical Consultant	Assoc Prof, Univ. Texas, San Antonio
1998-2003	David Burns MD	Assoc Prof	Statistical Consultant	Professor, Stanford Univ.
2001-2006	Cynthia Gomez PhD	Assoc. Prof.	Statistical Consultant	Professor, SF State Univ.
2001-now	Patricia Goodson PhD	Assoc. Prof.	Statistical Consultant	Professor, Texas A&M
2003-2005	Michelle Roland MD	Asst. Prof.	Statistical Consultant	Asst Prof, UCSF PHP
2003-2006	David Huebner PhD	Asst. Prof.	Statistical Consultant	Asst Prof, Univ. Maryland, Baltimore
2003-now	Lynae Darbes PhD	Asst. Prof.	Statistical Consultant	Asst Prof, CAPS, UCSF
2003-now	Maria Ekstrand PhD	Asst. Prof.	Statistical Consultant	Asst Prof, CAPS, UCSF
2003-now	Lisa Bowleg PhD	Asst. Prof.	Statistical Consultant	Assoc. Prof, Drexel Univ.
2004-now	John Chin PhD	Rsch Scientist	Statistical Consultant	Research Scientist, New York Univ.
2005-now	James Arbuckle PhD	Assoc. Prof.	Statistical Author	Temple University
2005-now	Scyatta Wallace, PhD	Asst. Prof	Statistical Consultant	Asst Prof, SUNY Downstate

2005-now	Nelson Varas Diaz, PhD	Asst. Prof	Statistical Consultant	Asst Prof. Univ. of Puerto Rico
2006-now	Hortensia Amaro, PhD	Professor	Statistical Consultant	Professor, Northeastern Univ.
2006-now	Megan Comfort, PhD	Rsch Scientist	Statistical Consultant	Asst Professor, UCSF
2007-now	Fred Ssewamala	Asst. Prof	Statistical Consultant	Asst Professor, Columbia Univ.
2007-now	Dexter Voisin, PhD	Asst. Prof	Statistical Consultant	Assoc. Prof, Univ. of Chicago

SUMMARY OF TEACHING HOURS:

2005-06	629 total hours of teaching (including preparation) Informal teaching hours: 554 Mentoring hours: 75
2006-07	582 total hours of teaching (anticipated; includes preparation) Formal class or course teaching hours: 30 Informal teaching hours: 442 Mentoring hours: 110
2007-08	582 total hours of teaching (anticipated; includes preparation) Formal class or course teaching hours: 30 Informal teaching hours: 442 Mentoring hours: 110
2008-09	582 total hours of teaching (anticipated; includes preparation) Formal class or course teaching hours: 30 Informal teaching hours: 442 Mentoring hours: 110

TEACHING NARRATIVE

Statistical and methodological consulting, peer reviewing and teaching at the Center for AIDS Prevention Studies at UCSF, and seminar leadership, peer reviewing and consultations for the Collaborative HIV Prevention Research in Minority Communities program constitute the majority of my teaching activities. As Director of the CAPS Methods Core, I also mentor Trainees in AIDS Prevention Studies (TAPS) fellows and CAPS junior faculty who have K-awards in methodological and statistical issues.

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH NARRATIVE

My current research activities fall into four distinct domains: (1) quantitative data analysis methods and survey scale development, (2) directorship of the Center for AIDS Prevention Studies (CAPS) Methods Core, (3) identifying the precursors and effects of childhood sexual abuse in men who are at risk for contracting HIV, and (4) advanced quantitative methodological, statistical, and data analytic support for epidemiological and behavioral HIV prevention research efforts.

RESEARCH AWARDS AND GRANTS

CURRENT

1. P30 MH62246 (PI: Stephen Morin, Ph.D.) NIH/NIMH The Center for AIDS Prevention Studies Role: Methods Core Director and Co-Investigator	Torsten B. Neilands 9/1/06-8/31/10 \$1,684,027 direct/yr 1 \$8,420,135 direct/yrs 1-5
2. FAMRI Award (PI: Pamela Ling, MD) Flight Attendants Medical Research Institute Reversing Tobacco Market Research on Young Adults Role: Statistical Co-Investigator	9/1/04-8/31/09 \$100,000 direct/yr 1 \$500,000 direct/yrs 1-5
3. R25 HD04510 (PI: Torsten B. Neilands, Ph.D.) NIH/NICHD Minority Communities HIV Prevention Role: Statistical Mentor, Trainer, and Principal Investigator	8/1/03-7/31/09 \$314,968 direct/yr 1 \$1,584,840 direct/yrs 1-5
4. R25 MH067127 (PI: Torsten B. Neilands, Ph.D.) NIH/NIMH Collaborative HIV Prevention in Minority Communities Role: Statistical Mentor, Trainer, and Principal Investigator	3/12/03-2/29/09 \$148,912 direct/yr 1 \$744,560 direct/yrs 1-5
5. R01 NR08324 (PI: Olga Grinstead, Ph.D.) NIH/NINR HIV Risk Reduction for Women with Incarcerated Partners Role: Statistical Co-Investigator	8/01/02-7/31/09 \$412,159 direct/yr 1 \$1,648,636 direct/yrs 1-4
6. R01 MH068208 (PI: Mallory Johnson, Ph.D.) NIH/NIMH Test of an HIV Treatment Side Effects Intervention Role: Statistical Co-Investigator	12/01/03-11/30/08 \$478,848 direct/yr 1 \$2,394,240 direct/yrs 1-5
7. RO1 MH073399 (PI: Mallory Johnson, Ph.D.) NIH/NIMH Relationship Factors and HIV Treatment Adherence Role: Statistical Co-Investigator	4/01/06-3/31/10 \$396,694 direct/yr 1 \$1,586,776 direct/yrs 1-4
8. RO1 MH075598 (PI: Colleen Hoff, Ph.D.) NIH/NIMH A Longitudinal Study of Gay Couples Role: Statistical Co-Investigator	4/01/06-3/31/10 \$492,595 direct/yr 1 \$1,952,317 direct/yrs 1-4
9. U01 AI069918-01 (PIs: Moore/Martin) North American AIDS Cohort Collaboration on Research and Design NIH/NIAID Role: Statistical Co-Investigator	7/1/06-4/30/11 \$37,501 direct/yr 1 \$187,505 direct/yrs 1-5

10. R01 MH078743 (PI: Megan Comfort, Ph.D.) NIH/NIMH HIV Risk Among Male Parolees and Their Female Partners Role: Statistical Co-Investigator	4/1/07-3/31/11 \$355,755 direct/yr 1 \$1,249,371 direct yrs 1-4
11. R01MH079700 (PI: Mallory Johnson, Ph.D.) NIH/NIMH Preparing patients to start antiretroviral therapy: An RCT Role: Statistical Co-Investigator	7/1/07-6/30/12 500,000 direct/ yr 1 \$2,300,000 direct/ yrs1-5
12. R01 HD054303 (PI: John Chin, Ph.D.) NIH/NICHD Organizational Change Toward HIV Involvement in Immigrant Religious Organizations Role: Statistical Consultant	06/01/07-04/30/12 \$366,324 direct/yr 1 \$1,951,142 direct/yrs1-5
13. R01 HD054319 (PI: Lisa Bowleg, Ph.D.) NIH/NICHD Gender Role Norms, Sexual Scripts, and Black Men's Heterosexual Risk Behaviors Role: Statistical Consultant	06/01/07-06/30/10 \$380,784 direct/yr 1 \$1,156,114 dir/yrs1-3
14. R03DA023852 (PI: Scyatta Wallace, Ph.D.) NIH/NIDA Neighborhood characteristics, drug use, and HIV risk among African American youth Role: Statistical Consultant	09/10/07-02/28/09 \$50,000 direct/yr1 \$100,000 direct/yrs 1-2
<u>PENDING</u>	
1. R01 DA015605 (PI: Elise Riley, Ph.D.) NIH/NIDA Drug and Health Service Use among the HIV+ Homeless Role: Statistical Co-Investigator	07/01/07-06/30/12 \$438,792 direct/yr 1 \$2,178,821 direct/yrs1-5
2. R01 MH080694 (PI: Nelson Varas Diaz, Ph.D.) NIH/NIMH AIDS Stigma Among Health Professionals in Puerto Rico Role: Statistical Co-Investigator	09/01/07-08/31/2011 \$293,734 direct/yr1 \$2,159,846 direct/yrs1-5
<u>PAST</u>	
1. CDC U62/CCU913658 (PI: Kyung-Hee Choi, Ph.D.) Centers for Disease Control Community Mobilization of Young Asian and Pacific Islander Men Role: Senior Statistician	10/01/96-9/29/01 \$414,322 direct/yr 1 \$2,071,610 direct/yrs 1-5

2. UARP PE00-SF-144 (PI: Olga Grinstead, Ph.D.)
California Universitywide AIDS Research Project
Measuring and Understanding HIV Treatment Expectancies
Role: Senior Statistician
7/01/00-6/30/03
\$272,995 direct/yr 1
\$818,985 direct/yrs 1-3
3. R01 MH61180-03 (PI: Thomas Coates, Ph.D.)
NIH/NIMH
Behavioral, Basic, and Clinical Studies of PEP
Role: Statistical Co-Investigator
9/30/00-8/31/04
\$1,053,237/yr 1
\$5,266,185/yrs 1-5
4. R01 MH57233 (PI: Margaret Chesney, Ph.D.)
NIH/NIMH
Clinical Trial of Coping Effectiveness Training
Role: Statistical Co-Investigator
5/01/96-4/30/03
\$487,508 direct/yr 1
\$2,256,796 direct/yrs 1-5
5. R01 HD41742-01A1 (PI: Cynthia Gomez, Ph.D.)
NIH/NICHD
A Gender-Economic Model of HIV Risk in Women
Role: Contributing Investigator
9/01/02-6/30/07
\$322,561 direct/yr 1
\$1,612,809 direct/yrs 1-5
6. R01 MH65138 (PI: James Dilley, MD)
NIH/NIMH
Changing Sexual Behavior in Gay Male Repeat HIV Testers
Role: Statistical Co-Investigator
2/15/02-1/31/05
\$250,000 direct/yr 1
\$750,000 direct/yrs 1-3
7. The Henne Group-letter of agreement (PI: Joseph Catania, Ph.D.)
Developing Psychometrically Validated Scales to
Measure Sexual Functioning in Relationship to Peyronie's Disease
Role: Co-Principal Investigator
9/01/04-05/31/06
\$49,762 direct/ yr 1
\$90,319 direct/yrs 1-3
8. UARP ID-SF-082 (PI: Mallory Johnson, Ph.D.)
California Universitywide AIDS Research Project
Measuring and Understanding HIV Treatment Expectancies
Role: Co-Principal Investigator
1/1/04-10/31/06
\$100,000 direct/yr 1
\$250,000 direct/yrs 1-3
9. R21 DA021090 (PI: Grant Colfax, MD)
Public Health Foundation
Acceptability of Pharmacologic Treatment for Methamphetamine Dependence Among MSM
Role: CAPS Principal Investiagor
10/1/06-12/31/06
\$28,082 direct/yr 1
10. The Henne Group-letter of agreement (PI: Joseph Catania, Ph.D.)
Analysis of National Older Male Sexuality Survey
Role: Co-Principal Investigator
9/1/04-5/31/06
\$32,682 direct/ yr 1
\$98,047 direct/yrs 1-3
11. RO1 AI052745 (PI: Steven Deeks, MD)
NIH/NIAID
Immunologic Control of Drug-Resistant HIV-1
Role: Senior Statistician
9/01/02-2/28/07
\$304,560 direct/yr 1
\$1,522,800 direct/yrs 1-5

12. R01 DA015605 (PI: Elise Riley, Ph.D.) NIH/NIDA Drug and Health Service Use among the HIV+ Homeless Role: Statistical Co-Investigator	Torsten B. Neilands 07/01/04-06/30/07 \$250,000 direct/yr 1 \$750,000 direct/yrs1-3
13. R03 HD049283 (PI: Dexter Voisin, PhD) NIH/NICHD Predictors of HIV Risk Among Urban Youth Role: Statistical Consultant	7/01/05-6/30/07 \$50,000 direct/yr1 \$100,000 direct/yrs 1-2
14. Lance Armstrong Foundation Award (PI: Stacey Hart, Ph.D.) Lance Armstrong Foundation Colorectal cancer: Distress, couple dynamics, and psychological adjustment Role: Contributing Investigator	09/01/06-8/31/08 \$226,641 direct/yr 1 \$679,923 direct/yrs 1-3
15. R21 AT003102 (PI: Mallory Johnson, Ph.D.) NIH/NCCAM A Mindfulness Approach to HIV Treatment Side Effects Role: Statistical Co-Investigator	4/01/06-3/31/10 \$125,000 direct/yr 1 \$625,000 direct/yrs 1-5
16. R01 AA015298 (PI: Maria Ekstrand, Ph.D.) 8/31/10 NIH/NIAAA Context and Correlates of Health Behaviors in South India Role: Contributing Investigator	9/01/06- \$352,614 direct/yr 1 \$1,400,000 direct./yrs 1-4
17. R01 MH0675313 (PI: Maria Ekstrand, Ph.D.) NIH/NIMH Examining ART Adherence Issues in Bangalore, India Role: Contributing Investigator	4/09/03-5/31/11 \$335,522 direct/yr 1 \$2,549,692 direct./yrs 1-8
18. R01 MH65138 (PI: Colleen Hoff, Ph.D.) NIH/NIMH Testing of a Model of HIV Risk in Gay Couples Role: Statistical Co-Investigator	2/15/02-6/01/08 \$250,000 direct/yr 1 \$1,250,000 direct/yrs 1-5

PEER REVIEWED PUBLICATIONS:

1. Rascati KL, Smith MJ, and **Neilands TB**. Dealing with skewed data: An example using asthma-related costs of Medicaid clients. *Clinical Therapeutics*, 23: 481-498, 2001.
2. Perry JA, Silvera DH, Rosenvinge J, **Neilands TB**, and Holte A. Seasonal eating patterns in Norway: A non-clinical population study. *Scandinavian Journal of Psychology*, 42: 307-312, 2001.
3. Silvera DH, **Neilands TB**, and Perry JA. A Norwegian translation of the Self-Liking and Competence Scale. *Scandinavian Journal of Psychology*, 42: 417-427, 2001.
4. D'Amico EJ, **Neilands TB** and Zambarano RJ. Power analysis for multivariate designs: A flexible approach using the SPSS MANOVA procedure. *Behavior Research Methods, Instruments, and Computers*, 33(4): 479-484, 2001.

5. **Neilands TB**, and Choi K-H. A validation and reduced form of the Female Condom Attitudes Scale. *AIDS Education and Prevention*, 14(2): 160-173, 2002.
6. Johnson MO, Stallworth T, and **Neilands TB**. The drugs or the disease? Causal attributions of symptoms held by HIV positive adults on HAART. *AIDS and Behavior*, 7(1): 109-117, 2003.
7. Morin SF, Vernon K, Harcourt J, Volk J, Riess TH, **Neilands TB**, McLaughlin M, and Coates TJ. Why HIV infections have increased among men who have sex with men and what to do about it. *AIDS and Behavior*, 7(4): 353-362, 2003.
8. Hunt PW, Deeks SG, Rodriguez B, Valdez H, Shade SB, Abrams DI, Kitahata MM, Krone M, **Neilands TB**, Brand RJ, Lederman MM, and Martin, JN. Continued CD4 count increases in HIV-infected adults experiencing four years of viral suppression on antiretroviral therapy. *AIDS*, 17: 1907-1915, 2003.
9. Deeks SG, Martin JN, Sinclair E, Harris J, **Neilands TB**, Maecker HT, Hagos E, Wrin T, Petropoulos CJ, Bredt B, and McCune JM. Strong cell-mediated immune responses are associated with the maintenance of low-level viremia in antiretroviral treated individuals with drug-resistant human immunodeficiency virus-1. *Journal of Infectious Diseases*, 189: 312-321, 2004.
10. Choi KH, McFarland W, **Neilands TB**, Nguyen S, Louie B, Secura G, Behel S, MacKellar D, and Valleroy L. HIV Prevalence and Incidence among Young Asian and Pacific Islander Men Who Have Sex with Men, San Francisco. *Sexually Transmitted Diseases*, 31(8): 475-480, 2004.
11. Martin JN, Roland ME, **Neilands TB**, Krone MR, Bamberger JD, Kohn RP, Chesney MA, Franes K, Kahn JO, Coates TJ, and Katz MH. Use of post-exposure prophylaxis against HIV infection following sexual exposure does not lead to increases in high-risk behavior. *AIDS*, 18: 787-792, 2004.
12. Silvera DH, and **Neilands TB**. Interpreting the uninterpretable: The effect of self-esteem on the interpretation of meaningless feedback. *Scandinavian Journal of Psychology*, 45 (1): 61-66, 2004.
13. Choi KH, McFarland W, **Neilands TB**, Nguyen S, Secura G, Behel S, MacKellar D, and Valleroy L. High Level of Hepatitis B Infection and On-going Risk Among Asian/Pacific Islander Men Who Have Sex with Men, San Francisco. *Sexually Transmitted Diseases*, 32(1): 44-48, 2005.
14. Thomas EJ, Sexton JB, **Neilands TB**, Frankel A, and Helmreich, RL. The Effect of Executive Walk Rounds on Nurse Safety Climate Attitudes. A Randomized Trial of Clinical Units. *BioMed Central Health Services Research*: <http://www.biomedcentral.com/1472-6963/5/28>, 2005.
15. Thomas EJ, Sexton JB, **Neilands TB**, Frankel A, and Helmreich, RL. (2005). Correction: The Effect of Executive Walk Rounds on Nurse Safety Climate Attitudes. A Randomized Trial of Clinical Units [ISRCTN85147255]. *BioMed Central Health Services Research*: <http://www.biomedcentral.com/content/pdf/1472-6963-5-46.pdf>, 2005.
16. Roland ME, **Neilands TB**, Krone MR, Katz MH, Grant RM, Busch MP, Hecht FM, Shacklett B, Kahn JO, Bamberger JD, Coates TJ, and Martin JN. Seroconversion following non-occupational post-exposure prophylaxis against human immunodeficiency virus. *Clinical Infectious Diseases*, 41, 1507-1513, 2005.

17. Arreola SG, **Neilands TB**, Pollack LM, Paul JP, and Catania, JA. Higher Prevalence of Childhood Sexual Abuse among Latino MSM than Non-Latino MSM: Data from the Urban Men's Health Survey. *Child Abuse and Neglect*, 29: 285-290, 2005.
18. Deeks SG, Hoh R, **Neilands TB**, Paxinos EE, Liegler T, Aweeka F, Petropoulos CJ, Grant RM, and Martin JN. Interruption of treatment with individual therapeutic drug classes in adults with multi-drug resistant HIV-1. *Journal of Infectious Diseases*, 192: 1537-1544, 2005.
19. Sexton JB, Helmreich RL, **Neilands TB**, Rowan K, Vella K, Boyden J, Roberts PR, and Thomas, EJ. The Safety Attitudes Questionnaire: Psychometric Properties, Benchmarking Data, and Emerging Research. *BioMed Central Health Services Research*: <http://www.biomedcentral.com/1472-6963/6/44>, 2006.
20. Johnson MO, Elliott TR, **Neilands TB**, Morin SF, and Chesney, MA. A Social Problem Solving Model of Adherence to HIV Medications. *Health Psychology*, 25(3): 355-363, 2006.
21. Chesney MA, **Neilands TB**, Chambers DB, Taylor JM, and Folkman S. A validity and reliability study of the Coping Self-Efficacy Scale. *British Journal of Health Psychology*, 11(3): 421-437, 2006.
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57. Buhi E, Goodson P, and **Neilands TB**. Understanding Adolescent Sexually Abstinent Behavior and Intentions through use of an Integrative Theoretical Framework. Submitted for publication in *Journal of Sex Research*.
58. Hoff CC, Chakravarty D, Beougher SC, Darbes LA, Dadasovitch R, & Neilands TB. Serostatus differences and agreements about outside sex partners among gay male couples. Submitted for publication in *AIDS Education and Prevention*.

Published Chapters and Other Non-Peer Reviewed Creative Activities:

1. Nightingale DJ, and **Neilands TB**. Understanding and Practicing Critical Psychology. In Fox, D. and Prilleltensky, I. (Eds.) *Critical Psychology: An Introduction*. Newbury Park, CA: Sage Publications, 1997.
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4. Voisin D and **Neilands TB**. (invited paper, under review). Academic achievement, peer influences and sexual behaviors among high school African American boys. In W. Johnson (Ed.) *Social Work with African American males*. London: Oxford University Press.

RESEARCH PRESENTATIONS

1. Malone PS, **Neilands TB**, and Helmreich RL. Conformity Behaviors Show a Curvilinear Effect of Cognitive Load. Paper presented at the annual conference of the American Psychological Society, San Diego, California, June 1992.
2. Smith SE, and **Neilands TB**. Repeated-measures analysis and PROC MIXED. Paper presented as part of a panel discussion on longitudinal data analysis using SAS PROC MIXED at the October 22 – October 24, 2000 Conference of the South Central SAS Users' Group, Austin, TX.
3. Harris KK, Edmundson-Drane E, Evans AE, and **Neilands TB**. Psychosocial and Contextual Antecedents of Pap Smear and Sexually Transmitted Disease Screening. Presented at the 2001 Society of Behavioral Medicine Annual Meeting, March 21-24, 2001, Seattle, Washington.
4. Sexton JB, Klinect JR, Helmreich RL, Wilhelm JA, and **Neilands TB**. Pilot perceptions of safety: Exploring the attitude-performance linkage. Hot Topic Presentation to the 2001 American Psychological Society, June 15, 2001, Toronto, Canada.
5. Han L, **Neilands TB**, and Dolcini, MM. Factor analysis of categorical data in SAS. Oral presentation to the Ninth Annual Conference of the Western Users of the SAS System, September 6, 2001, San Francisco, California.

6. Choi K-H, Ichikawa S, Onizuka N, and **Neilands TB**. HIV Testing and Counseling Japanese MSM Experiences in the U.S. and Japan. Satellite Symposium on Prevention of HIV/STD among MSM, 15th Japan AIDS Conference, Tokyo, December 1, 2001.
7. Choi K-H, McFarland W, **Neilands TB**, Nguyen S, Secura G, Behel S, and MacKellar D. The potential for HIV transmission across the Pacific Rim: travel and risk behavior among Asian and Pacific Islander men who have sex with men. 6th International Congress on AIDS in Asia and the Pacific, Melbourne, Oct 5-10, 2001.
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10. Grinstead O, Binson D, Cezareo M, Downing M, Freedman B, Fung, S, **Neilands TB**, Riess, TH, Vernon K, and Woods WJ. BASES Project (Berkeley, Alameda & Sonoma Evaluation Study). Universitywide AIDS Research Program annual conference, February, 2002.
11. Johnson MO, Folkman S, Stallworth, T, and **Neilands TB**. The drugs or the disease? Causal Beliefs of Physical Problems Held by a Sample of HIV Positive Adults on HAART. Society of Behavioral Medicine, Washington, D.C, April 3-6, 2002.
12. Choi K-H, McFarland W, **Neilands TB**, Nguyen S, Secura G, Behel S, MacKellar D, & Valleroy L. Low HIV prevalence but high sexual risk among young Asian-American men who have sex with men: HIV prevention opportunities. XIV International AIDS Conference, Barcelona July 7-12, 2002.
13. Johnson MO, Folkman S, and **Neilands TB**. Side Effect and Symptom Representation among a Sample of HIV+ Adults on HAART. International Congress of Behavioral Medicine, Helsinki, August 28-31, 2002.
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15. Roland ME, Coates TJ, Robillard H, Tapia J, **Neilands TB**, Krone MR, Kahn J, and Martin JN. Demand for a non-occupational post-exposure prophylaxis telephone study referral line exceeds resources. 10th Conference on Retroviruses and Opportunistic Infections. Boston, Massachusetts. February 11, 2003.
16. Hunt PW, Martin JN, Sinclair E, **Neilands TB**, Grant RM, Hellman NS, and Deeks SG. Drug-resistant Phenotype is Associated with Decreased in vivo T-Cell Activation Independent of Changes in Viral Replication among Patients Discontinuing Antiretroviral Therapy. XII International HIV Drug Resistance Workshop, Los Cabos, Mexico, June 10-14, 2003.

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18. Riess TH, Binson D, Downing M, Fung S, Grinstead O, Pearson CA, **Neilands TB**, Siedle-Khan B, Vernon K, and Woods WJ. Evaluation of high-risk HIV counseling and testing: comparing outcomes in two populations. American Public Health Association 131st Annual Meeting and Exposition, November 15-19, 2003, San Francisco, CA.
19. Arreola S, **Neilands TB**, and Diaz R. Moderators of the relationship between childhood sexual abuse and adult HIV-risky sexual behaviors among Latino gay men in the United States. Paper presented at the 8th World STI/AIDS Congress, December, 2003 in Punta del Este, Uruguay.
20. Roland M, Coates T, Tapia J, Krone M, **Neilands TB**, Hecht F, Grant R, Liegler T, and Martin J. Seroconversion following non-occupational post-exposure prophylaxis (PEP). 11th Conference on Retroviruses and Opportunistic Infections. San Francisco, California. February 8, 2004.
21. Hunt PW, Martin JN, Sinclair E, Brecht B, Hoh R, Tsao G, **Neilands TB**, Petropoulos C, Grant RM, and Deeks SG. Changes in T-cell activation and CD4 counts during partial treatment interruption of protease inhibitor therapy. 11th Conference on Retroviruses and Opportunistic Infections. San Francisco, California. February 8, 2004.
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23. Catania JA, Paul J, Pollack LM, Canchola JA, Chang YJ, **Neilands TB**, and Osmond D. Mediators of childhood sexual abuse and anal intercourse among men who have sex with men. American Public Health Association 132nd Annual Meeting and Exposition, November 6-10, 2004, Washington, DC.
24. Catania JA, Paul J, Pollack LM, Chang YJ, **Neilands TB**, and Osmond D. Mediators of childhood sexual abuse and anal intercourse for men who have sex with men. Presented at the meeting of the Society of Behavioral Medicine; 2004; Baltimore, MD.
25. Huang W, **Neilands TB**, Whitcomb JM, Wrin T, Toma J, Fransen S, Martin J, Petropoulos CJ and Deeks S. Persistence of archived viruses with a unique tropism in antiretroviral treated individuals with drug-resistant HIV. 12th Conference on Retroviruses and Opportunistic Infections. Boston, MA. February 22-25, 2005.
26. Ling, P, and **Neilands TB**. Involvement with tobacco control and young adult tobacco use. Flight Attendants' Medical Research Institute Third Scientific Symposium, May 12-14, 2005, Miami Beach, Florida.
27. Ling P, **Neilands TB**, and Glantz, SA. Psychographic factors associated with young adult smoking in California. American Public Health Association 133rd Annual Meeting and December 10-14, 2005, Philadelphia, Pennsylvania.

28. Ling P, and **Neilands TB**, and Glantz, SA. Involvement with Tobacco Control Issues and young adult tobacco use. American Public Health Association 133rd Annual Meeting and Exposition, December 10-14, 2005, Philadelphia, Pennsylvania.
29. Riley ED, Weiser SD, Sorensen J, Dilworth SE, Cohen J, and **Neilands TB**. Correlates of Homelessness Differ by Gender among Poor and Marginally Housed Individuals. International Urban Health Conference, October 26-28, 2005, Toronto, Ontario.
30. Cohen J, Dilworth SE, Riley ED, **Neilands TB**, and Weiser SD. Safety First?: Perceptions of Single Room Occupancy Hotels among San Francisco's Urban Poor. International Urban Health Conference, October 26-28, 2005, Toronto, Ontario.
31. DeRiemer K, **Neilands TB**, Abernethy NF, and Osmond DO. Different phylogenetic lineages Mycobacterium tuberculosis elicit differential host responses among contacts. Determinants of Host Resistance, Susceptibility or Immunopathology to Pathogens: Integrating Knowledge from Experimental Models to Human Disease, January 5-10, 2006, Keystone, Colorado.
32. Roland ME, **Neilands TB**, Krone MR, Franses K, Chesney MA, Kahn JO, Coates TJ, and Martin JN. A Randomized Trial of Standard versus Enhanced Risk Reduction Counseling for Individuals Receiving Post-Exposure Prophylaxis Following Sexual Exposures to HIV. 13th Conference on Retroviruses and Opportunistic Infections, February 5-6, 2006, Denver, Colorado.
33. Binson D, Huebner D, Woods WJ, Dilworth SE, **Neilands TB**, Blea L, and Gristead O. Bathhouse-based Voluntary Counseling and Testing is Feasible and Shows Preliminary Evidence of Efficacy. Universitywide AIDS Research Program Annual Conference, Sacramento, CA: February 24, 2006.
34. Sugano E, **Neilands TB**, and Auserwald C. A Measurement of Street Beliefs Among Homeless Youth. Pediatric Academic Societies annual meeting, San Francisco, CA: April 29-May 2, 2006.
35. Ling PM, **Neilands TB**, and Kaplan CP. Psychographic segments based on attitudes about secondhand smoke and lifestyle in Vietnamese Adolescents. Flight Attendants Research Medical Institute Annual Symposium, Miami Beach, FL: May 10-12, 2006.
36. **Neilands TB**, Darbes LA, Ramos-Soto E, Han L, Huebner DM, and Hoff CC. Preventing new HIV infections through the understanding of sexual agreements: Validation of the Sexual Agreement Quality Scale. XVI International AIDS Conference: Toronto, Canada: August 13-18, 2006.
37. Darbes LA, Hoff CC, Han L, Ramos-Soto E, Hoff CC, and **Neilands TB**. Implications of ignoring relationship and partner HIV sero-status when examining HIV risk behavior outcomes for men who have sex with men.. XVI International AIDS Conference: Toronto, Canada: August 13-18, 2006.
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41. Canchola JA and **Neilands TB**. Mixed Model Selection via the Information-Theoretic Approach using SAS. Western Users of the SAS System Annual Conference: September 27-29, 2006, Irvine, California.
42. Goodson P, Dunsmore SC, Rasberry CN, Buhi ER, Pruitt BE, and **Neilands TB**. Ideological fantasies and scientific realities surrounding sexual abstinence behavior and education: What have we learned? Symposium on Society for the Scientific Study of Sexuality Annual Meeting: November 9-12, 2006, Las Vegas, Nevada.
43. Martin JN, **Neilands TB**, Krone MR, Coakley E, Lie Y, Pesano R, Bates M, Weidler J, and Deeks S. Utility of *pol* Replication Capacity in Predicting Immunologic Course Among HIV-Infected Patients with Drug-Resistant Viremia. 14th Conference on Retroviruses and Opportunistic Infections. February 25-28, 2007, Los Angeles, California.
44. Roland M, Krone MR, **Neilands TB**, Coates TJ, Chesney M, and Martin JN. Adherence to Post-Exposure Prophylaxis: A Randomized Comparison of Two Counseling Strategies. 2nd International Conference on HIV Treatment Adherence. March 28-30, 2007, Jersey City, New Jersey.
45. Carrico AW, Johnson MO, Moskowitz JT, **Neilands TB**, Morin SF, Charlebois ED, Steward WT, Remien RH, Wong LF, Rotheram-Borus MJ, Lightfoot MA, Chesney MA, and the NIMH Healthy Living Project Team. Affective Regulation, Stimulant Use, and Viral Load among HIV-Positive Persons on Antiretroviral Therapy. 14th annual meeting of the Psychoneuroimmunology Research Society. May 30-June 2, 2007, Arcachon, France.
46. Ling PM, **Neilands TB**, and Glantz S. Using Tobacco Market Research Strategies to Describe Young Adult Smokers. 2007 National Conference on Tobacco or Health. October 24-26, 2007, Minneapolis, MN.
47. Hoff CC, Chakravarty D, Darbes L, and **Neilands TB**. Relationship Dynamics Associated with Sexual Risk for HIV Among Gay Male Couples. Accepted: CDC 2007 National HIV Prevention Conference. December 2-7, 2007, Atlanta, GA.
48. Darbes L, Chakravarty D, Hoff CC, and **Neilands TB**. Partner-provided social support influences choice of risk reduction strategies in gay male couples. Accepted: CDC 2007 National HIV Prevention Conference. December 2-7, 2007, Atlanta, GA.
49. Huebner DM, Woods WJ, Dilworth SE, **Neilands TB**, and Binson D. Rapid vs. Standard Voluntary Counseling and Testing (VCT) in a Bathhouse: What's Gained, Lost? Submitted: CDC 2007 National HIV Prevention Conference. December 2-7, 2007, Atlanta, GA.
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51. Riley ED, Cohen J, Scotta A, **Neilands TB**, and Knight KR. Housing Instability, Gender, and HIV among Indigent Adults. Presented at the 3rd National Housing and HIV/AIDS Research Summit, March 5-7, 2008, Baltimore, MD.
52. Comfort ML, Grinstead OA, **Neilands TB**, and McCartney K. HIV Prevention for Women Visiting Incarcerated Men: The HOME Project. Presented at the 16th Annual Meeting of the Society for Prevention Research, San Francisco, CA, May 28-30, 2008, San Francisco, CA.
53. Darbes LA, Chakravarty D, Hoff CC, and **Neilands TB**. HIV-specific social support (HIV-SS) predicts discrepancy in reporting sexual behavior with primary partners in a sample of gay male couples. Presented at the XVII International AIDS Conference, Mexico City, Mexico, August 3-8, 2008.
54. Riley ED, Moore KA, Haber S, **Neilands TB**, Cohen J, and Kral A. Effects of health insurance on the use of health services and antiretroviral therapy among homeless and marginally housed HIV-positive adults. Presented at the 136th American Public Health Association Annual Meeting & Exposition, San Diego, CA, October 25-29, 2008.