

MICHAEL PATRICK ARNOLD, PhD MPH MSW

CURRICULUM VITAE

Prepared: 05/21/2015

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AREAS OF INTEREST:

Social and structural determinants of population health and health disparities; developmental, psychosocial, and behavioral health; material and economic equity; sexual, racial/ethnic, and vulnerable populations; cross-sector and multilevel program integration and evaluation; mixed methods research; advanced statistical methods.

EDUCATION:

1991-95	Truman State University, Kirksville, MO	BS	Biology
1995-97	Harvard Medical School, Boston, MA	Graduate Student	Virology
1999-2001	University of California, Berkeley	MSW	Social Welfare
1999-2004	University of California, Berkeley	PhD	Social Welfare
2007-08	University of California, Berkeley	MPH	Epidemiology

POSTGRADUATE TRAINING:

2007-09	University of California, San Francisco Center for AIDS Prevention Studies	Fellow	HIV Prevention
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POSITIONS HELD:

2000-03	California Food Policy Advocates	Intern, Investigator
2004-07	Hatchuel Tabernik & Associates (HTA)	Evaluation Consultant
2004-06	San Jose State University, San Jose CA	Lecturer
	Vista Community College, Berkeley CA	
	California State University, East Bay	
2004-present	Independent Consultant	Research Analyst
2009-11	San Francisco Dept. of Public Health	Director, Population Health and Health Disparities (HIV Research Section)
2011-14	Fred Hutchinson Cancer Research Center	Faculty Scientist
2014- present	University of Michigan School of Public Health (Dept. of Health Behavior and Health Education)	Assistant Research Scientist, Center for Sexuality & Health Disparities

HONORS:

1991-95	Presidential Honor Award (Financial Scholarship), Truman State University
1991-95	Dean's List, Truman State University
1994	Outstanding Academic Achievement Award, Truman State University
1995	Outstanding Biology Major
1999-2002	Eugene Cota-Robles Fellowship, University of California Berkeley

PROFESSIONAL ORGANIZATIONS

2003-04	National Association of Social Workers
2006-07	International Vocational Education and Training Association
2012- 14	Institute of Translational Health Sciences (ITHS), University of Washington
2013-14	American Public Health Association (APHA)

MENTORING

2008	Zanzibar AIDS Control Program (ZACP), Zanzibar Tanzania.
2010-11	UNITY Study Intern (Kelly Earls)
2010-11	HPTN Scholar Program (Risha Irvin, MD)
2012-14	Legacy Project Internship Program (J. Mussara, M. Rodriguez, E. Storer)
2015	University of Michigan School of Public Health (Steven C. Richards)

COMMUNITY SERVICE

Journal & Grant Referee

2007-09	Ad hoc manuscript peer reviews UCSF CAPS (2); grant peer reviews UCSF CAPS (3)
2009	Ad hoc referee for <i>JAIDS</i> (1), <i>AIDS and Behavior</i> (1), <i>Journal of Health Care for the Poor and Underserved</i> (1), <i>BMC Public Health</i> (1), and <i>SAHARA Journal</i> (1).
2010	Ad hoc referee for <i>AIDS and Behavior</i> (4)
2011	Ad hoc referee for <i>AIDS and Behavior</i> (9); ad hoc manuscript peer reviews UCSF CAPS (2); grant reviewer San Francisco Dept. Public Health, AIDS Office Community Grants
2012	Ad hoc referee for <i>AIDS and Behavior</i> (7)
2013	Ad hoc referee for <i>AIDS and Behavior</i> (4), <i>Journal of Urban Health</i> (1); grant reviewer NIH-DAIDS RAMP Scholars Program; abstract reviewer American Public Health Assoc., HIV/AIDS Section
2014	Ad hoc referee for <i>AIDS and Behavior</i> (3); <i>Journal of AIDS</i> (1); <i>Amer. J. Public Health</i> (2); <i>Health Education & Behavior</i> (1); grant reviewer Fred Hutchinson Cancer Research Center, Behavioral Outcomes and Research Group (BORG) Community Grants
2015	Ad hoc referee for <i>AIDS and Behavior</i> (2); <i>Amer. J. Public Health</i> (1); <i>Health Education & Behavior</i> (1)

Working Groups

2009-11	Health Equities Leadership Team (HELT), San Francisco Dept. of Public Health
2010-11	HANC Legacy Project Working Group
2011-14	Behavioral Science Working Group, Office of HIV/AIDS Network Coordination (HANC)
2011-14	Social Behavior Working Group, HIV Vaccine Trials Network (HVTN)
2012-present	Psychosocial Studies Group, International AIDS Society (IAS)
2013-14	Behavior Outcomes Research Group (BORG), Fred Hutchinson Cancer Research Center (FHCRC)
2014-present	Michigan HIV Research Collaborative (inter-university), HIV Investigators Group (UM)

RESEARCH PROGRAM

I conduct basic and applied research on socio-structural determinants of health disparities in the U.S. Of particular interest is the health and well-being of marginalized and disadvantaged populations. My work explores processes by which disparities arise from and influence policies, institutions, social organization, social stratification, interpersonal relationships, collective identities, and mental and behavioral health. Priority populations include black/African American, Latino/Hispanic, LGBT, low-income households, and high poverty neighborhoods. Current research directions include development and evaluation of a financial empowerment program for low-income LGBT youth of color; exploring opportunities for and effects of stigma-reduction interventions for the well-being of sexual, racial/ethnic, and low-income populations; evaluation of community-developed structural interventions to reduce sexually transmitted infections among LGBT youth of color; and improving responsiveness and capacity of clinical researchers to implement effective outreach strategies and trial designs that maximize ethical participation and inclusion from diverse populations. My research designs emphasize community-engaged research and research that integrates quantitative and qualitative methodologies.

RESEARCH FUNDING

Current

1 U22 PS004520-01 (J. Bauermeister)
CDC

09/30/14-09/29/17

Strengthening and expanding partnerships to reduce STIs among young men who have sex with men

The major goal of this community-based participatory research (CBPR) project is to develop a multisectoral coalition whose mission is to reduce the unequal STI burden experienced by YMSM in Southeast Michigan by addressing the structural barriers fueling this disparity.

Past

U01 AI068614-01 (L. Corey) 5/29/06-5/31/14
NIH/ NIAID

Leadership Group for a Global HIV Vaccine Clinical Trials (Office of HIV/ AIDS Network Coordination)

The major goal of HIV/AIDS Network Coordination project is to support collaboration to increase efficiency and resource-sharing across the 6 international clinical trials networks funded by the Division of AIDS.

Role: **Social Scientist**

U01 AI068614-04S1 (L. Corey) 5/17/10 – 4/30/11
HVTN/NIH

Leadership Group for a Global HIV Vaccine Clinical Trials

The goal of this project is to enhance and accelerate the recruitment of men who have sex with men (MSM) into HIV vaccine clinical trials.

Role: **Co-Investigator**

6291SC / R01MH090899 (E. Arnold) 8/1/10 – 7/31/15
UCSF/NIH-NIMH

A Randomized Control of the Bruthas Project

This is a collaborative research project between the Center for AIDS Prevention Studies (CAPS), UC San Francisco and the California Prevention and Education Project (CAL-PEP). The major goal of this project is to conduct a randomized controlled trial of the Bruthas Project, an HIV prevention and health promotion intervention designed specifically for African American MSM who do not identify as gay or bisexual based on a series of individualized health promotion counseling sessions.

Role: **Co-Investigator ***

U01 AI069496-03S2 (S. Buchbinder) 7/1/08 - 12/31/13
NIH/NIAID

San Francisco HIV Vaccine Clinical Trials Unit (HPTN 061)

A feasibility study of a community-level, multi-component intervention for black men who have sex with men (MSM). This study will provide critical data on recruitment; uptake and acceptability of the intervention; the prevalence of newly diagnosed, chronic untreated, and chronic treated HIV infection; risk behavior change; changes in HIV viral load; and changes in STI prevalence over the course of the study.

Role: **Co-Principal Investigator**

R01 AI083060-01 (S. Buchbinder) 4/1/09 - 3/31/13
NIH/NIAID/NIMH

Prevention Umbrella for MSM in the Americas

The study aims to develop an optimal HIV prevention package for MSM in the Americas and design a clinical study to evaluate the safety and efficacy of this package.

Role: **Co-Investigator ***

OA-IT07-SF-901 (E. Arnold) 1/1/08-6/30/09
California HIV/ AIDS Research Program (CHRP)

A Randomized Controlled Trial of the Bruthas Project

Role: **Co-Investigator**

T32 MH-19105-21 (S. Kegeles) 7/1/07-9/30/09
NIH/NCI

Traineeship in AIDS Prevention Studies

Role: **Post-Doctoral Fellow**

T32 CA-009031-20 (P. Howley) 9/1/1995-11/1/1996
NSF

Virus-Host Interactions in Cancer

The goals of this grant are to support graduate student training in laboratory virology research at Harvard University.

Role: **Graduate Research Fellow**

***funded through 2011**

BIBLIOGRAPHY

Peer-Reviewed Publications

1. **Arnold, M.** (2007). Vocational education, community colleges and earnings. *International Journal of Vocational Education and Training*, 15(1): 25-40.
2. **Arnold, M.**, Hsu, L., Pipkin, S., McFarland, W. and Rutherford, G. (2009). Race, place and AIDS: The role of socioeconomic context on racial disparities in treatment and survival in San Francisco. *Social Science & Medicine* 69: 121-8.
3. Bohl, D., Raymond, H. F., **Arnold, M.**, McFarland, W. (2009). Concurrent sexual partnerships and racial disparities in HIV infection among men who have sex with men. *Sexually Transmitted Infections*, 85: 367-69.
4. **Arnold, M.P.**, Raymond, H. F., McFarland, W. (2010). Socioeconomic Position and HIV Risk-Relevant Behavior among Lower-Income Heterosexuals in San Francisco. *AIDS and Behavior*, 15(2): 499-506.
5. Ishida, K., **Arnold, M.**, Stupp, P., Kizito, P., Ichwara, J. (2012). Exploring the connection between HIV serostatus and individual, household, and community socioeconomic resources: evidence from two population-based surveys in Kenya. *Social Science & Medicine*, 74(2): 185-195.
6. **Arnold, M.P.**, Struthers, H., McIntyre, J., Lane, T. (2012). Contextual correlates of per partner unprotected anal intercourse rates among MSM in Soweto, South Africa. *AIDS & Behavior*, 17(Suppl 1): S4-11.
7. Magnus, M. Franks, J., Griffith, S., **Arnold, M.P.**, Goodman K., Wheeler, D. (2014). Engaging, recruiting, and retaining black men who have sex with men in research studies: don't underestimate the importance of staffing—lessons learned from HPTN 061. *J. Public Health Management & Practice*, 20(6): E1-E9.
8. **Arnold, M.P.**, Andrasik, M., Landers, S., Karuna, S., Mimiaga, M. J., Wakefield, S., Mayer, K., Buchbinder, S., Koblin, B. A. (2014). Sources of racial/ethnic differences in awareness of HIV vaccine trials. *American Journal of Public Health*, 104(8): e112–e118.
9. **Arnold, M.P.**, Evans, D., Vergel, N. Recruitment and ethical considerations in HIV cure trials requiring treatment interruption. *J of Virus Eradication*, 1(1): 43-48.

Reports

1. **Arnold, M.** (2001). *The Auto Resource Limit and Food Security in California and the U.S.* California Food Policy Advocates. San Francisco.
2. **Arnold, M.** (2001). *Evaluation of Our Kids/Safe Passages.* Alameda County Department of Children and Family Services. Oakland, CA.
3. Manalo-LeClair, G. & **Arnold, M.** (2003). *Your Federal Tax Dollars at Work.* California Food Policy Advocates. San Francisco.
4. **Arnold, M.** (2003). *Validity of the Youth Development Assessment Survey.* Youth Leadership Institute. San Francisco.
5. **Arnold, M.** (2006). *Girls Incorporated of Alameda County Annual Evaluation Report, 2004-2005.* Hatchuel Tabernik and Associated. Berkeley, CA.
6. **Arnold, M.** (2006). *Work-Based Learning and Occupational Coursework in the California Community Colleges.* Hatchuel Tabernik and Associated. Berkeley, CA.

7. **Arnold, M.** (2006). *The WCCUSD GEAR UP Program: A 5-Year Retrospective Evaluation*. Hatchuel Tabernik and Associated. Berkeley, CA.
8. **Arnold, M.,** Hurvitz, I., Harris, J. (2006). *An Evaluation of the UCSF Community Partnerships Program*. Hatchuel Tabernik and Associated. Berkeley, CA.
9. National AIDS/STI Control Programme (NASCOP), Kenya. (2009). *2007 Kenya AIDS Indicator Survey: Final Report*. Nairobi, NASCOP.
10. San Francisco Children and Families Commission. (2015). *First Steps 2014: A Data Report on the Status of San Francisco's Young Children*. San Francisco, First 5 San Francisco.

Presentations

1. **Arnold, M.** *Economic Factors and HIV Risk Behavior among Lower-Income Heterosexuals: Evidence from the 2007 National HIV Behavioral Survey of Heterosexuals in San Francisco*. Orals presentation offered at National HIV Prevention Conference, 2009. Atlanta, GA.
2. **Arnold, M.** *From 'Difference' to 'Disparity': The Case of Out-of-Pocket Healthcare Spending and an Application of Hierarchical Linear Modeling*. Oral presentation offered at TAPS Fellows Meeting, 2007. San Francisco, CA.
3. **Arnold, M.** *Complexity & Causality in Research and Evaluation*. Guest Lecture at San Francisco State University, 2008. San Francisco, CA.
4. **Arnold, M.** *HIV and African Americans*. Guest Lecture at San Francisco State University, 2008. San Francisco, CA.
5. **Arnold, M.,** Earls, K., Chacon, J., Hrushow, A., Bunting, B., Packer, T. *Organizational Self-Assessment for Addressing Health Inequities*. Oral presentation offered to the Director of Health and the Health Equities Leadership Team (HELT), 2010. San Francisco Dept. of Public Health, San Francisco, CA.
6. **Arnold, M.,** Shoptow S., Franks, J. *Perceived Racial and Sexual Stigma and Discrimination and Its Relevance to HIV Prevention among Black MSM and Transgender Persons: Preliminary Baseline Results from HPTN 061*. Oral presentation offered at HIV Prevention Trials Network (HPTN) 061 Meeting, 2010. Brooklyn, NY.
7. **Arnold, M.,** Stephens, E., Bailey, J., Johnson, M.. *Support Networks and Attitudes toward Antiretroviral Use*. Oral presentation offered at UCSF CAPS HIV Prevention Conference, 2010. San Francisco, CA.
8. **Arnold, M.** *The View from Out Here: US MSM Perspectives on HIV Vaccine Trials*. Oral presentation offered at HIV Vaccine Trials Network (HVTN) Full Group Meeting, 2011. Washington, DC.
9. Gershon, C., Siegel, M., **Arnold, M.,** John, M. *Amenability of HIV-positive African American Men to Shared Medical Appointments for Primary Care*. Poster presented at Accelerating Primary Care Conference, 2011. Edmonton, Alberta.
10. **Arnold, M.,** Del Rio, C., Griffith, S., Koblin, B., Mannheimer, S., Mayer, K., Shoptow, S., Wheeler, D. *Identifying Effective Recruitment Strategies to Engage Black MSM in HIV Prevention Research: Screening data from HPTN 061*. Poster presented at Conference on Retroviruses and Opportunistic Infections (CROI), 2011. Boston, MA.
11. **Arnold, M.,** Andraski, M. *Integrating Social Science into Biomedical HIV Prevention Research*. Oral presentation offered at Be the Generation Bridge Partner Webinar, 2012. Seattle, WA.
12. **Arnold, M.** Andrasik, M., Mimiaga, M., Hamdallah, M., Humes, M., Speldinner, A., Buchbinder, S., Koblin, B. *Interpersonal Approaches to Engaging Diverse Communities in HIV Clinical Research*. Poster presented at HANC Behavioral Science Working Group Annual Meeting, 2012. Miami, FL.
13. **Arnold, M.** *BTG Bridge Modality Assessments*. NIAID Network Leaders Call, 2013. Oral presentation offered at Washington, DC.

14. Wallace, S., Humes, D., Mooney, J., **Arnold, M.**, Rodriques, M., Chono-Helsely, M., Fields, S. *Mobilizing the House/Ball Community around Preventative and Therapeutic HIV Clinical Research*. Oral presentation offered at United States Conference on AIDS (USCA), 2013. New Orleans, LA.
15. **Arnold, M.** *Engaging Communities in HIV Clinical Research: Perspectives and Lessons from the Legacy Project*. Oral presentation offered at Vaccines & Infectious Diseases Division (Fred Hutchinson Cancer Research Center) Faculty Seminar, 2013. Seattle, WA.
16. Foley, R., Humes, D., Ignacio, M., Grey, M., **Arnold, M.**, Osterhage, K., Velcoff, J., Schouten, J. *An Innovative Participatory Model Reciprocally Builds Capacity among Four Urban Native American Communities and Local HIV Clinical Research Sites*. Oral presentation offered at APHA Annual Meeting & Exposition, 2013. Boston, MA.
17. **Arnold, M.** *Addressing Economic Disadvantage and HIV Risk among Lower-Income Black & Latino YMSM*. Guest Lecture presented at Center for Sexuality & Health Disparities, University of Michigan, 2013. Ann Arbor, MI.
18. **Arnold, M.**, Mussara, J., Humes, D., Schouten, J. *Promoting Researcher-Community Collaboration in Biomedical HIV Prevention Research: Perspectives of HIV Service Providers*. Oral presentation offered at National Conference on Social Work and HIV/AIDS, 2013. Chicago, IL.
19. **Arnold, M.** Vergel, N., Evans, D. *Social Science in the Context of HIV Cure Research*. Oral presentation offered at IAS Social and Political Science Contributions to the Current HIV/AIDS Response (Session), United States Conference on AIDS (USCA), 2013. New Orleans, LA.
20. **Arnold, M.** Evans, D. *The Impact of Social Science Research on HIV Cure-Related Trials*. Oral presentation offered at NIH Division of AIDS meeting “Social, Behavioral and Ethical Issues in Research on an HIV Cure”, September 22-23, 2014. Rockville, MD.

RESEARCH & EVALUATION SKILLS

	Software	Methods
Data Collection and Presentation	MS Access SQL Excel Powerpoint	Interview & Focus Group Questionnaire Design Survey Questionnaire Design Complex Data Structure Construction and Mining
Quantitative Analysis	R Stata SAS SPSS M-Plus	Linear & Non-Linear Regression Psychometric Analysis Path Analysis Structural Equation Modeling Generalized Linear Mixed Models Network Analysis
Qualitative Analysis	Atlas-T.i. Dedoose	Grounded Theory Field Research Participant Observation

Secondary datasets with which I have worked:

- California Health Interview Survey (CHIS)
- Child Welfare Administrative Data (County and State)
- Consolidated Federal Funds Report
- Consumer Expenditure Survey (CES)
- Current Population Survey (CPS)
- Demographic Health Survey (DHS; USAIDS)
- General Social Survey (GSS)
- HIV/AIDS Reporting System (HARS; public health surveillance data)

- Kenya AIDS Indicator Survey (CDC)
- National HIV Behavioral Surveillance System (NHBS)
- School District Administrative Data
- Survey of Consumer Finances
- Survey of Income and Program Participation (SIPP)
- US Census

TEACHING NARRATIVE

I have designed and conducted courses in research methods at the graduate level, covering qualitative and quantitative methods, and emphasizing research design and statistical techniques, as well as courses in social policy covering an array of economic, social, health and mental health policies in the United States. My teaching philosophy places a strong emphasis on developing students' ability to think critically about current policies, programs and practices in the US, and assisting students to connect behavioral, social and structural theoretical underpinnings to empirical evidence.

TEACHING RESPONSIBILITIES

Academic Yr	Course Title, University	Teaching Contribution	No. Courses	Units	Class Size
2002-04	<i>Seminar in Social Welfare Research</i> ; University of California Berkeley	Graduate Student Instructor Conducted periodic lectures, prepared class and lecture materials, grading and assessment of student work and progress.	2	3	35/each
2004	<i>Research Methods, Data Analysis & Evaluation</i> ; San Jose State University	Course Instructor (all lectures)	2	4	25/each
2004-06	<i>California Welfare Programs & Services Theory and Practice I & II</i> , Vista Community College	Developed course materials and lectures; lecturer; provided individual consultation with students.	4	3	12/each
2005	<i>Social Policy</i> ; California State University, East Bay		1	3	35
2005	<i>Human Behavior & the Social Environment</i> ; California State University, East Bay		1	3	30