A REVIEW AND HIGHLIGHTS OF PUBLICATIONS BY CIRA AFFILIATES
2012-2019

May 2020

Center for Interdisciplinary Research on AIDS
Yale University
SUMMARY

About CIRA

The Center for Interdisciplinary Research on AIDS (CIRA) was established in 1997 and is currently New England’s only National Institute of Mental Health (NIMH) funded AIDS research center (P30MH062294, Paul D. Cleary). CIRA brings together scientists from three institutions including Yale University, The Institute for Community Research and the Institute for Collaboration on Health, Intervention, and Policy (InCHIP) at the University of Connecticut. The Center’s mission is to support innovative, interdisciplinary research that focuses on the implementation of HIV prevention and treatment and the elimination of HIV disparities.

About this review

There are 167 CIRA affiliates and 75 active research and training projects affiliated with the Center. The purpose of this bibliography is to serve as a broad guide to published research conducted by CIRA affiliates that addresses the HIV care continuum and pertinent areas of interest, and characterizes research expertise and activities in the U.S. and globally. The literature included in the bibliography is drawn from articles authored by CIRA affiliates that were indexed on PubMed between July 3, 2012 and December 31, 2019. The current bibliography, published in May 2020, is the fifth update of the review prepared by Ms. Dini Harsono, Assistant Director of CIRA’s Clinical and Health Services Research (CHSR) Core.

Methods

Articles listed in "What's new for CIRA Affiliates in PubMed" weekly emails between July 3, 2012 and December 31, 2019 were extracted into an EndNote library. Initial screenings of titles, abstracts, and keywords were conducted to exclude duplicate publications, articles that were not related to HIV, author name ambiguities, and retrospective publications prior to the individual’s affiliation date with CIRA. A total of 1387 papers comprising original research, reviews, letters, and editorials were included in the review. Complete articles were retrieved and read for further verification.

Results

The review results were divided into two main categories: 1) articles that pertain to the steps of the HIV care continuum (categories 1-5), and 2) articles related to research areas of interest and sociocultural aspects of HIV/AIDS (categories 6-17). Articles were also grouped by locations (domestic and international). Articles were ordered by first author’s last name and year of publication and underlined authors were identified as CIRA affiliates during the review period. If a publication included outcomes that fit more than one care continuum step and/or also focused on areas of interest, it was listed in multiple categories. For example, a paper on mobile phone-based HIV prevention intervention was highlighted under ‘HIV prevention’ and ‘eHealth’.

Definitions of the HIV care continuum steps used in the review were broadly based on Risher et al.’s classifications of studies designed to improve components of the continuum in the US.1 Implementation science terms and definitions that were used to identify relevant articles were adopted from recent review papers.2-4 Following Smith et al.’s implementation research continuum,2 articles that did not evaluate the impact of implementation strategies but can be classified as being in the “implementation preparation” phase were recognized as implementation research-related articles.

*2012 data reflect the number of papers published in July through December 2012.

| Publications on the HIV care continuum          | 1. HIV testing and diagnosis (n=86) |
|                                                | 2. Linkage to care (n=51)           |
|                                                | 3. Retention in care (n=36)         |
|                                                | 4. Re-engagement (n=2)              |
|                                                | 5. Adherence and viral suppression (n=229) |

| Publications on areas of special interest and sociocultural aspects of HIV/AIDS | 6. Identification of key populations and risk behaviors (n=211) |
|                                                                              | 7. HIV prevention, including Pre-Exposure Prophylaxis (PrEP) (n=229) |
|                                                                              | 8. PrEP (n=81) |
|                                                                              | 9. Comorbidities (including Hepatitis C, cancer, mental health, substance use) (n=495) |
|                                                                              | 10. Implementation research (n=72) |
|                                                                              | 11. eHealth (n=72) |
|                                                                              | 12. Electronic Health/Medical Records (n=53) |
|                                                                              | 13. Stigma (n=67) |
|                                                                              | 14. Community partnerships and collaborations (n=32) |
|                                                                              | 15. Ethics, legal, and policy (n=39) |
|                                                                              | 16. Methods/theory (n=11) |
|                                                                              | 17. Training (n=10) |
Highly cited articles published in 2019

<table>
<thead>
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<td>Tate JP, Sterne JAC, Justice AC, Veterans Aging Cohort S, the Antiretroviral Therapy Cohort C. Albumin, white blood cell count, and body mass index improve discrimination of mortality in HIV-positive individuals. Aids. 2019;33(5):903-912. PMC6749990</td>
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**International**

35-86 (n=52)


Domestic
20,26,32,33,87-110 (n=28)


97. Chang H, Tate J, Justice AC, Ohl ME. Medicare and Medicaid enrollment and outside hospitalizations among HIV-infected and uninfected veterans engaged in VA care: a retrospective cohort study. BMC Health Serv Res. 2015;15:27. PMC4307747

98. Elkington KS, Jaiswal J, Spector AY, Reuarka H, Tesoriero JM, Nash D, Remien RH. Can TasP Approaches Be Implemented in Correctional Settings?: A review of HIV testing and linkage to
community HIV treatment programs. *J Health Care Poor Underserved.* 2016;27(2A):71-100. PMC5599929


106. **Stewart JM, Hong H, Powell TW. African American Church Engagement in the HIV Care Continuum. J Assoc Nurses AIDS Care.** 2018;29(3):406-416. PMC5967227


**International**


**RETENTION IN CARE**

**Domestic**


139. Rana AL, van den Berg JJ, Lamy E, Beckwith CG. Using a Mobile Health Intervention to Support HIV Treatment Adherence and Retention Among Patients at Risk for Disengaging with Care. *AIDS Patient Care STDS.* 2016;30(4):178-184. PMC4827306


142. Christopoulos KA, Cunningham WE, Beckwith CG, Kuo I, Golin CE, Knight K, Flynn PM, Spaulding AC, Cristobal LS, Kruszka B, Kurth A, Young JD, Mannheimer S, Crane HM, Kahana SY. Lessons Learned


### International


**RE-ENGAGEMENT**

**Domestic**


**International**

No relevant citations found.
ADHERENCE AND VIRAL SUPPRESSION

Domestic
26, 109, 131, 147, 166-296 (n=135)


244. van den Berg JJ, Neilandts TB, Johnson MO, Chen B, Saberi P. Using Path Analysis to Evaluate the Healthcare Empowerment Model Among Persons Living with HIV for Antiretroviral Therapy Adherence. *AIDS Patient Care STDS.* 2016;30(11):497-505. PMC5116681


263. Jacobson K, Ogba OEU. Integrase inhibitor-based regimens result in more rapid virologic suppression rates among treatment-naive human immunodeficiency virus-infected patients compared to non-nucleoside and protease inhibitor-based regimens in a real-world clinical setting: A retrospective cohort study. *Medicine (Baltimore)*. 2018;97(43):e13016. PMC6221636


292. Tate JP, Sterne JAC, Justice AC, Veterans Aging Cohort S, the Antiretroviral Therapy Cohort C. Albumin, white blood cell count, and body mass index improve discrimination of mortality in HIV-positive individuals. *AIDS.* 2019;33(5):903-912. PMC6749990


**International**

80, 85, 129, 297-387 (n=94)


320. Feelemyer J, Des Jarlais D, Arasteh K, Uuskula A. Adherence to antiretroviral medications among persons who inject drugs in transitional, low and middle income countries: an international systematic review. *AIDS Behav.* 2015;19(4):575-583. PMC4393761


343. Loeliger KB, Niccolai LM, Mtungwa LN, Moll A, Shenoi SV. "I Have to Push Him with a Wheelbarrow to the Clinic": Community Health Workers’ Roles, Needs, and Strategies to Improve HIV Care in Rural South Africa. *AIDS Patient Care STDS.* 2016;30(8):385-394. PMC4991585


377. Harrison SE, Li X, Vermund SH. From surviving to thriving: the role of resilience in meeting global HIV goals. *AIDS.* 2019;33 Suppl 1:S1-S4. PMC7024581


Domestic


Pachankis JE. A transdiagnostic minority stress treatment approach for gay and bisexual men’s syndemic health conditions. Arch Sex Behav. 2015;44(7):1843-1860. PMC4560958

Pachankis JE, Cochran SD, Mays VM. The mental health of sexual minority adults in and out of the closet: A population-based study. J Consult Clin Psychol. 2015;83(5):890-901. PMC4573266


Reisner SL, Pardo ST, Gamarel KE, White Hughto JM, Pardee DJ, Keo-Meier CL. Substance Use to Cope with Stigma in Healthcare Among U.S. Female-to-Male Trans Masculine Adults. LGBT Health. 2015;2(4):324-332. PMC4808281


Weiss NH, Sullivan TP, Tull MT. Explicating the role of emotion dysregulation in risky behaviors: A review and synthesis of the literature with directions for future research and clinical practice. Curr Opin Psychol. 2015;3:22-29. PMC4332392


White JM, Dunham E, Rowley B, Reisner SL, Mimiaga MJ. Sexually explicit racialised media targeting men who have sex with men online: a content analysis of high-risk behaviour depicted in online advertisements. Cult Health Sex. 2015;17(6):1021-1034. PMC4565153


458. Ritchwood TD, DeCostner J, Metzger IW, Bolland JM, Danielson CK. Does it really matter which drug you choose? An examination of the influence of type of drug on type of risky sexual behavior. Addict Behav. 2016;60:97-102. PMC4884511


489. White Hughto JM, Pachankis JE, Eldahan AI, Keene DE. "You Can't Just Walk Down the Street and Meet Someone": The Intersection of Social-Sexual Networking Technology, Stigma, and Health Among Gay and Bisexual Men in the Small City. *Am J Mens Health.* 2017;11(3):726-736. PMC5393935


**International**

512.

Abdala N, Hansen NB, Toussova OV, Krasnoselskikh TV, Kozlov AP, Heimer R. Age at first alcoholic drink as predictor of current HIV sexual risk behaviors among a sample of injection drug users (IDUs) and non-IDUs who are sexual partners of IDUs, in St. Petersburg, Russia. *AIDS Behav.* 2012;16(6):1597-1604. PMC3320686

513.


514.


515.


581. Modjarrad K, Vermund SH. Ensuring HIV Data Availability, Transparency and Integrity in the MENA Region Comment on "Improving the Quality and Quantity of HIV Data in the Middle East and North Africa: Key Challenges and Ways Forward". *Int J Health Policy Manag.* 2017;6(12):729-732. PMC5726325


593. Willie TC, Kershaw TS, Callands TA. Examining relationships of intimate partner violence and food insecurity with HIV-related risk factors among young pregnant Liberian women. *AIDS Care.* 2018;30(9):1156-1160. PMC6037546


**HIV PREVENTION, INCLUDING PRE-EXPOSURE PROPHYLAXIS (PREP)**

**Domestic**


611. Pachankis JE, Lelutiu-Weinberger C, Golub SA, Parsons JT. Developing an online health intervention for young gay and bisexual men. AIDS Behav. 2013;17(9):2986-2998. PMC3796172


black, white, and interracial same-sex male couples. *Arch Sex Behav.* 2014;43(4):697-706. PMC3912224


672. Oldenburg CE, Mitty JA, Biello KB, Closson EF, Safren SA, Mayer KH, Mimiaga MJ. Differences in Attitudes About HIV Pre-Exposure Prophylaxis Use Among Stimulant Versus Alcohol Using Men Who Have Sex with Men. AIDS Behav. 2016;20(7):1451-1460. PMC4833721


778. Alghabashi MT, Guthrie B. Systematic review of human immunodeficiency virus (HIV) knowledge measurement instruments used on the Arabian Peninsula. *BMC Res Notes*. 2015;8:646. PMC4634190


786. Oldenburg CE, Le B, Huyen HT, Thien DD, Quan NH, Nguyen KB, Nunn A, Chan PA, Mayer KH, Mimiaga MJ. Antiretroviral pre-exposure prophylaxis preferences among men who have sex with men in Vietnam: results from a nationwide cross-sectional survey. *Sex Health*. 2016. PMC5253341


816. Logie CH, Khoshnood K, Okumu M, Rashid SF, Senova F, Meghari H, Kipenda CU. Self care interventions could advance sexual and reproductive health in humanitarian settings. BMJ. 2019;365:l1083. PMC6441869 interests and have no relevant interests to declare.


PRE-EXPOSURE PROPHYLAXIS (PREP)

Domestic


781. Oldenburg CE, Le B, Huyen HT, Thien DD, Quan NH, Biello KB, Nunn A, Chan PA, Mayer KH, Mimiaga MJ, Colby D. Antiretroviral pre-exposure prophylaxis preferences among men who have sex with men in Vietnam: results from a nationwide cross-sectional survey. *Sex Health.* 2016. PMC5253341


**COMORBIDITIES (INCLUDING HEPATITIS C, CANCER, MENTAL HEALTH, SUBSTANCE USE)**

**Domestic**


920. Yang MF, Manning D, van den Berg JJ, Operario D. Stigmatization and Mental Health in a Diverse Sample of Transgender Women. *LGBT Health.* 2015;2(4):306-312. PMC4716648


physiologic injury evident with lower alcohol exposure among HIV infected compared with uninfected men. *Drug Alcohol Depend.* 2016;161:95-103. PMC4792710


986. Greene M, Justice AC, Covinsky KE. Assessment of geriatric syndromes and physical function in people living with HIV. *Virulence.* 2017;8(5):586-598. PMC5538333


1060. McGinnis KA, Fiellin DA, Skanderson M, Hser YI, Lucas GM, Justice AC, Tate JP, Group VP. Opioid use trajectory groups and changes in a physical health biomarker among HIV-positive and uninfected patients receiving opioid agonist treatment. Drug Alcohol Depend. 2019;204:107511. PMC6993986


1080. Starbird LE, Budhathoki C, Han HR, Sulkowski MS, Reynolds NR, Farley JE. Nurse case management to improve the hepatitis C care continuum in HIV co-infection: Results of a randomized controlled trial. J Viral Hepat. 2020;27(4):376-386. PMC7080578

International


1119. Hsieh E, Fraenkel L, Bradley EH, Xia W, Insogna KL, Cui Q, Li K, Li T. Osteoporosis knowledge, self-efficacy, and health beliefs among Chinese individuals with HIV. *Arch Osteoporos.* 2014;9:201. PMC4269230


1156. Yang JP, Leu J, Simoni JM, Chen WT, Shiu CS, Zhao H. "Please Don't Make Me Ask for Help": Implicit Social Support and Mental Health in Chinese Individuals Living with HIV. *AIDS Behav*. 2015;19(8):1501-1509. PMC4526324


1213. Jacobson KB, Niccolai L, Mtungwa N, Moll AP, Shenoi SV. "It's about my life": facilitators of and barriers to isoniazid preventive therapy completion among people living with HIV in rural South Africa. *AIDS Care.* 2017;29(7):936-942. PMC5545149


IMPLEMENTATION RESEARCH

Domestic


EHEALTH

Domestic

17, 109, 139, 142, 173, 189, 231, 235, 236, 244, 437, 441, 442, 456, 462, 480, 489, 599, 608, 609, 611, 625, 642-644, 648, 650, 651, 655, 666, 668, 674, 698, 704, 706, 708, 729, 751, 1303-1307 (n=43)


173. Pachankis JE, Lelutiu-Weinberger C, Golub SA, Parsons JT. Developing an online health intervention for young gay and bisexual men. AIDS Behav. 2013;17(9):2986-2998. PMC3796172


489. White JM, Dunham E, Rowley B, Reisner SL, Mimiga MJ. Sexually explicit racialised media targeting men who have sex with men online: a content analysis of high-risk behaviour depicted in online advertisements. *Cult Health Sex.* 2015;17(8):1021-1034. PMC4565153


643. Fiellin LE, Kyriakides TC, Hiefette KD, Pendergrass TM, Duncan LR, Dziura JD, Sawyer BG, Fiellin DA. The design and implementation of a randomized controlled trial of a risk reduction and human immunodeficiency virus prevention videogame intervention in minority adolescents: PlayForward: Elm City Stories. *Clin Trials.* 2016;13(4):400-408. PMC4942329


Domestic


HIV infection receiving antiretroviral therapy and procedure-matched, uninfected comparators. JAMA Surg. 2015;150(4):343-351. PMC5015449


International

70, 151, 152, 319, 372, 385, 1086, 1124, 1132, 1153, 1158, 1205, 1206, 1211, 1227, 1277, 1299 (n=17)


**STIGMA**

**Domestic**


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Keene DE, Eldahan AI, White Hughto JM, Pachankis JE. The big ole gay express': sexual minority stigma, mobility and health in the small city. *Cult Health Sex*. 2017;19(3):323-337. PMC5415078


White Hughto JM, Pachankis JE, Eldahan AI, Keene DE. "You Can't Just Walk Down the Street and Meet Someone": The Intersection of Social-Sexual Networking Technology, Stigma, and Health Among Gay and Bisexual Men in the Small City. *Am J Mens Health*. 2017;11(3):726-736. PMC5393935


International


**COMMUNITY PARTNERSHIPS AND COLLABORATIONS**

**Domestic**


**International**

57,342,343,543,1202,1338,1339 (n=7)


1338. Loeliger KB, Niccolai LM, Mtungwa LN, Moll A, Shenoi SV. "I Have to Push Him with a Wheelbarrow to the Clinic": Community Health Workers’ Roles, Needs, and Strategies to Improve HIV Care in Rural South Africa. *AIDS Patient Care STDS.* 2016;30(8):385-394. PMC4991585


**ETHICS, LEGAL, AND POLICY**

**Domestic**

414,732,1340-1361 (n=24)


1347. Underhill K. Legal and ethical values in the resolution of research-related disputes: how can IRBS respond to participant complaints? *J Empir Res Hum Res Ethics.* 2014;9(1):71-82. PMC4041031


International


1368. Reed E, Fisher CB, Blankenship KM, West BS, Khoshnood K. Why female sex workers participate in HIV research: the illusion of voluntariness. AIDS Care. 2017;29(7):914-918. PMC5453832


### METHODS/THEORY (n=11)


### TRAINING (n=7)


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