

REFERENCE LIST

Evidence map: eHealth for HIV prevention, diagnosis, treatment and care for key populations worldwide.

Agarwal A, Hamdallah M, Swain SN, Mukherjee S, Singh N, Mahapatra S, King EJ, Pulerwitz J, and Thior I. (2015). Implementation of a confidential helpline for men having sex with men in India. *Journal of Medical Internet Research*, 3(1), pp.e17.

Bauermeister J, Pingel E, Jadwin-Cakmak L, Harper GW, Horvath K, Weiss G, and Dittus P. (2015). Acceptability and preliminary efficacy of a tailored online HIV/STI testing intervention for young men who have sex with men: the Get Connected! programme. *AIDS Behavior*, 19(10), pp.1860-1874.

Belzer M, Naar-King S, Olson J, Sarr M, Thornton S, Kahana SY, Gaur AH, and Clark LF. (2014). The use of cell phone support for non-adherent HIV-infected youth and young adults: an initial randomized and controlled intervention trial. *AIDS Behavior*, 18(4), pp.686-696.

Berenson AB, and Rahman M. (2012). A randomized controlled study of two educational interventions on adherence with oral contraceptives and condoms. *Contraception*, 86(6), pp.716-724.

Blas MM, Alva IE, Carcamo CP, Cabello R, Goodreau SM, Kimball AM, and Kurth AE. (2010). Effect of an online video-based intervention to increase HIV testing in men who have sex with men in Peru. *PLoS One*, 5(5), pp.e10448.

Bourne C, Knight V, Guy R, Wand H, Lu H, and McNulty A. (2011). Short message service reminder intervention doubles sexually transmitted infection/HIV re-testing rates among men who have sex with men. *Sexually Transmitted Infections*, 87(3), pp.229–231.

Bowen AM, Horvath K, and Williams ML. (2007). A randomized control trial of Internet-delivered HIV prevention targeting rural MSM. *Health Education Research*, 22(1), pp.120-127.

Bowen AM, Williams ML, Daniel CM, and Clayton S. (2008). Internet based HIV prevention research targeting rural MSM: feasibility, acceptability, and preliminary efficacy. *Journal of Behavioral Medicine*, 31(6), pp.463–477.

Bull S, Pratte K, Whitesell N, Rietmeijer C, and McFarlane M. (2009). Effects of an Internet-based intervention for HIV prevention: The Youthnet trials. *AIDS Behavior*, 13, pp.474-487.

Bull SS, Levine DK, Black SR, Schmiede SJ, and Santelli J. (2012). Social media-delivered sexual health intervention: a cluster randomized controlled trial. *American Journal of Preventative Medicine*, 43(5), pp.467-474.

Burton J, Brook G, McSorley J, and Murphy S. (2013). The utility of short message service (SMS) texts to remind patients at higher risk of STIs and HIV to reattend for testing: a controlled before and after study. *Sexually Transmitted Infections*, 90(1), pp.11-13.

Carpenter KM, Stoner SA, Mikko AN, Dhanak LP, and Parsons JT. (2010). Efficacy of a web-based intervention to reduce sexual risk in men who have sex with men. *AIDS Behavior*, 14(3), pp.549-557.

Cheng W, Cai Y, Tang W, Zhong F, Meng G, Gu J, Hao C, Han Z, Li J, Das A, Zhao J, Xu H, Tcuker JD, and Wang M. (2016). *Providing HIV-related services in China for men who have sex with men*. [online] Bulletin of the World Health Organisation.

Chong A, Gonzalez-Nvararro M, Karlan D, and Vildivia M. (2017). *Do Information Technologies Improve Teenagers' Sexual Education? Evidence from a Randomized Evaluation in Colombia*. National Bureau of Economic Research (NBER) Working Paper Series.

Christensen JL, Miller LC, Appleby PR, Corsbie-Massay C, Godoy CG, Marsella SC, and Read SJ. (2013). Reducing shame in a game that predicts HIV risk reduction for young adult MSM: a randomized trial delivered nationally over the Web. *Journal of the International AIDS Society*, 16(3), pp.18716.

Danielson C, McCauley J, Jones A, Borkman AL, Miller S, and Ruggiero KJ. (2013). Feasibility of delivering evidenced-based HIV/STI prevention programming to a community sample of African American teen girls via the Internet. *AIDS Education and Prevention*, 15, pp.394-404.

Dowshen N, Kuhns LM, Johnson A, Holoyda BJ, and Garofalo R. (2012). Improving adherence to antiretroviral therapy for youth living with HIV/AIDS: a pilot study using personalized, interactive, daily text message reminders. *Journal of Medical Internet Research*, 14(2), pp.e51.

Dowshen N, Kuhns L, Gray C, Lee S, and Garofalo R. (2013). Feasibility of interactive text message response (ITR) as a novel, real-time measure of adherence to antiretroviral therapy for HIV+ youth. *AIDS Behavior*, 17(6), pp.2237-2243.

Garofalo R, Kuhns LM, Hotton A, Johnson A, Muldoon A, and Rice D. (2016). A randomized controlled trial of personalized text message reminders to promote medication adherence among HIV-positive adolescents and young adults. *AIDS Behavior*, 20, pp.1049-1059.

Giorgio MM, Kantor LM, Levine DS, and Arons W. (2013). Using Chat and Text Technologies to Answer Sexual and Reproductive Health Questions: Planned Parenthood Pilot Study. *Journal of Medical Internet Research*, 15(9), pp.e203.

Gold J, Lim MSC, Hellard ME, Hocking JS, and Keogh L. (2010). What's in a message? Delivering sexual health promotion to young people in Australia via text messaging. *BMC Public Health*, 10, pp.792.

Gold J, Aitken C, Dixon H, Lim MSC, Gouillou M, Spelman T, Wakefield M, and Hellard ME. (2011). A randomized controlled trial using mobile advertising to promote safer sex and sun safety to young people. *Health Education Research*, 26(5), pp.782-794.

Gold J, Lim M, Hocking J, Keogh LA, Spelman T, and Hellard ME. (2011). Determining the impact of text messaging for sexual health promotion to young people. *Sexually Transmitted Diseases*, 38(4), pp.247-252.

Green K, Girault P, Wambugu S, Clement NF, and Adams B. (2014). Reaching men who have sex with men in Ghana through social media: a pilot intervention. *Digital Culture and Education*, 6(3), pp.209-215.

Guy R, Goller J, Leslie D, Thorpe R, Grierson J, Batrouney C, Kennedy M, Lewis J, Fairley C, Ginige S, Zabolotska I, and Hellard M. (2009). No Increase in HIV or sexually transmissible infection testing following a social marketing

- campaign among men who have sex with men. *Journal of Epidemiology and Community Health*, 63(5), pp.391-396.
- Hailey JH, and Arscott J. (2013). Using technology to effectively engage adolescents and young adults into care: STAR TRACK Adherence Program. *Journal of the Association of Nurses in AIDS Care*, 24(6), pp.582–586.
- Halpern CT, Mitchell EM, Farhat T, and Bardsley P. (2008). Effectiveness of web-based education on Kenyan and Brazilian adolescents' knowledge about HIV/AIDS, abortion law, and emergency contraception: Findings from TeenWeb. *Social Science and Medicine*, 67, pp.628-637.
- Hightow-Weidman LB, Pike E, Fowler B, Matthews DM, Kibe J, McCoy R, and Adimora AA. (2012). HealthMpowerment.org: feasibility and acceptability of delivering an internet intervention to young Black men who have sex with men. *AIDS Care*, 24(7), pp.910-920.
- Hirshfield S, Chiasson MA, Joseph H, Scheinmann R, Johnson WD, Remien RH, Shaw FS, Emmons R, Yu G, and Margolis AD. (2012). An online randomized controlled trial evaluating HIV prevention digital media interventions for men who have sex with men. *PLoS One*, 7(10), pp.e46252.
- Huang E, Marlin RW, Young SD, Medline A, and Klausner JD. (2016). Using Grindr, a smartphone social-networking application, to increase HIV self-testing among Black and Latino men who have sex with men in Los Angeles, 2014. *AIDS Education and Prevention*, 28(4), pp.341-349.
- Jones R, Hoover DR, and Lacroix LJ. (2013). A randomized controlled trial of soap opera videos streamed to smartphones to reduce risk of sexually transmitted human immunodeficiency virus (HIV) in young urban African American women. *Nursing Outlook*, 61(4), pp.205-215.
- Juzang I, Fortune T, Black S, Wright E, and Bull S. (2011). A pilot programme using mobile phones for HIV prevention. *Journal of Telemedicine and Telecare*, 17, pp.150-153.
- Kasatpibal N, Viseskul N, Srikantha W, Fongkaew W, Surapagdee N, and Grimes RM. (2014). Effects of Internet-based instruction on HIV-prevention knowledge and practices among men who have sex with men. *Nursing and Health Sciences*, 16(4), pp.514-520.
- Kirby D, Raine T, Thrush G, Yuen C, Sokoloff A, and Potter SC. (2010). Impact of an intervention to improve contraceptive use through follow-up phone calls to female adolescent clinic patients. *Perspectives on Sexual and Reproductive Health*, 42(4), pp.251-257.
- Klein CH, and Card JJ. (2011). Preliminary efficacy of a computer-delivered HIV prevention intervention for African American teenage females. *AIDS Education and Prevention*, 23(6), pp.564-576.
- Ko NY, Hsieh CH, Wang MC, Lee C, Chen CL, Chung AC, and Hsu ST. (2013). Effects of Internet popular opinion leaders (iPOL) among Internet-using men who have sex with men. *Journal of Medical Internet Research*, 15(2), pp.e40.
- La Grange R, and Lewis M. (2012). Using mobile technology to support adherence to medications: SMS text reminders and young people living with HIV. *Journal of Adolescent Health*, 50(5), pp.S94.
- Lau JT, Lau M, Cheung A, and Tsui HY. (2008). A randomized controlled study to evaluate the efficacy of an Internet-based intervention in reducing HIV risk behaviors among men who have sex with men in Hong Kong. *AIDS Care*, 20(7), pp.820-828.

- Lau J, Lee A, Tse W, Mo P, Fong F, Wang Z, Cameron LD, and Sheer V. (2016). A randomized control trial for evaluating efficacies of two online cognitive interventions with and without fear-appeal imagery approaches in preventing unprotected anal sex among Chinese men who have sex with men. *AIDS Behavior*, 20(9), pp.1851–1862.
- Lelutiu-Weinberger C, Pachankis JE, Gamarel KE, Surace A, Golub SA, and Parsons JT. (2015). Feasibility, acceptability, and preliminary efficacy of a live-chat social media intervention to reduce HIV risk among young men who have sex with men. *AIDS Behavior*, 19(7), pp.1214–1227.
- Levine D, McCright J, Dobkin L, Woodruff AJ, and Klausner JD. (2008). SEXINFO: a sexual health text messaging service for San Francisco youth. *American Journal of Public Health*, 98(3), pp.393-395.
- Lim M, Hocking J, Aitken C, Fairley CK, Jordan J, Lewis JA, and Hellard ME. (2011). Impact of text and email messaging on the sexual health of young people: A randomized controlled trial. *Journal of Epidemiology and Community Health*, 66, pp.69-74.
- Lou CH, Zhao Q, Gao ES, and Shah IH. (2006). Can the Internet be used effectively to provide sex education to young people in China? *Journal of Adolescent Health*, 39, pp.720-728.
- Markham CM, Shegog R, Leonard AD, Bui TC, and Paul ME. (2009). +CLICK: Harnessing web-based training to reduce secondary transmission among HIV-positive youth. *AIDS Care*, 21(5), pp.622-631.
- Marsch LA, Grabinski MJ, Bickel WK, Desrosiers A, Guarino H, Muehlbach B, Solhkhah R, Taufique S, and Acosta M. (2011). Computer-assisted HIV prevention for youth with substance use disorders. *Substance Use and Misuse*, 46, pp.46-56.
- Mevisen FEF, Ruitter RAC, Meertens RM, Zimbile F, and Schaalma HP. (2011). Justify your love: Testing an online STI-risk communication intervention designed to promote condom use and STI-testing. *Psychology and Health*, 26(2), pp.205-221.
- Mi G, Wu Z, Wang X, Shi CX, Yu F, Li T, Zhang L, McGoogan JM, Pang L, Xu J, and Rou K. (2015). Effects of a quasi-randomized web-based intervention on risk behaviors and treatment seeking among HIV-positive men who have sex with men in Chengdu, China. *Current HIV Research*, 13(6), pp.490-496.
- Milam J, Morris S, Jain S, Sun X, Dubé MP, Daar ES, Jimenez G, and Haubrich R. (2015). Randomized Controlled Trial of an Internet Application to Reduce HIV Transmission Behavior Among HIV Infected Men Who have Sex with Men. *AIDS and Behavior*, 20, pp.1-9.
- Minas B, Laing S, Jordan H, and Mak DB. (2012). Improved awareness and appropriate use of non-occupational post-exposure prophylaxis (nPEP) for HIV prevention following a multi-modal communication strategy. *BMC Public Health*, 12, pp.906.
- Mustanski B, Garofalo R, Monahan C, Gratzner B, and Andrews R. (2013). Feasibility, acceptability, and preliminary efficacy of an online HIV prevention program for diverse young men who have sex with men: the keep it up! intervention. *AIDS Behaviour*, 17(9), pp.2999–3012.
- Mustanski B, Ryan DT, Sanchez T, Sineath C, Macapagal K, and Sullivan PS. (2014). Effects of messaging about multiple biomedical and behavioral HIV prevention methods on intentions to use among US MSM: results of an experimental messaging study. *AIDS Behavior*, 18(9), pp.1651–1660.

- Mustanski B, Greene GJ, Ryan D, and Whitton SW. (2015). Feasibility, acceptability, and initial efficacy of an online sexual health promotion program for LGBT youth: the Queer Sex Ed intervention. *Journal of Sex Research*, 52(2), pp.220-230.
- Naar-King S, Outlaw AY, Sarr M, Parsons JT, Belzer M, MacDonell K, Tanney M, and Ondersma SJ. (2013). Motivational enhancement system for adherence (MESA): pilot randomized trial of a brief computer-delivered prevention intervention for youth initiating antiretroviral treatment. *Journal of Pediatric Psychology*, 38(6), pp.638-648.
- Nsakala GV, Coppieters Y, and Kayembe PK. (2014). An innovative approach to using both cellphones and the radio to identify young people's sexual concerns in Kinshasa, Democratic Republic of Congo. *Archives of Public Health*, 72(1), pp.21.
- Outlaw AY, Naar-King S, Tanney M, Belzer ME, Aagnes A, Parsons JT, and Merlo LJ. (2014). The initial feasibility of a computer-based motivational intervention for adherence for youth newly recommended to start antiretroviral treatment. *AIDS Care*, 26(1), pp.130-135.
- Pedrana A, Hellard M, Guy R, El-Hayek C, Gouillou M, Asselin J, Batrouney C, Nguyen P, and Stooove M. (2012). Stop the drama Downunder: a social marketing campaign increases HIV/sexually transmitted infection knowledge and testing in Australian gay men. *Sexually Transmitted Diseases*, 39(8), pp.651-658.
- Puccio JA, Belzer M, Olson J, Martinez M, Salata C, Tucker D, and Tanaka D. (2006). The use of cell phone reminder calls for assisting HIV-infected adolescents and young adults to adhere to highly active antiretroviral therapy: a pilot study. *AIDS Patient Care and STDs*, 20(6), pp.438-444.
- Read SJ, Miller LC, Appleby PR, Nwosu ME, Reynaldo S, Lauren A, and Putcha A. (2006). Socially Optimized Learning in a Virtual Environment: Reducing Risky Sexual Behavior Among Men Who Have Sex with Men. *Human Communication Research*, 32, pp.1-34.
- Reback CJ, Grant DL, Fletcher JB, Branson CM, Shoptaw S, Bowers JR, Charania M, and Mansergh G. (2012). Text messaging reduces HIV risk behaviors among methamphetamine-using men who have sex with men. *AIDS Behavior*, 16(7), pp.1993-2002.
- Rhodes SD, Vissman AT, Stowers J, Miller C, McCoy TP, Hergenrather KC, Wilkin AM, Reece M, Bachmann LH, Ore A, Ross MW, Hendrix E, and Eng E. (2011). A CBPR partnership increases HIV testing among men who have sex with men (MSM): outcome findings from a pilot test of the CyBER/testing internet intervention. *Health Education and Behavior*, 38(3), pp.311-320.
- Roberto AJ, Zimmerman RS, Carlyle KE, and Abner EL. (2007). A computer-based approach to preventing pregnancy, STD, and HIV in rural adolescents. *Journal of Health Communication*, 12, pp.53-76.
- Rokicki S, Cohen J, Salomon J, and Fink G. (2015). *Impact of a mobile phone programme on adolescent reproductive health: a cluster-randomised trial*. Harvard University, Working Paper.
- Rosser BR, Oakes JM, Konstan J, Hooper S, Horvath KJ, Danilenko GP, Nygaard KE, and Smolenski DJ. (2010). Reducing HIV risk behavior of men who have sex with men through persuasive computing: results of the Men's INternet Study-II. *AIDS*, 24(13), pp.2099-2107.
- Saberi P, Yuan P, John M, Sheon N, and Johnson MO. (2013). A pilot study to engage and counsel HIV-positive African American youth via telehealth technology. *AIDS Patient Care and STDs*, 27(9), pp.529-532.

- Solorio R, Norton-Shelpuk P, Forehand M, Montaño D, Stern J, Aguirre J, and Martinez M. (2016). Tu Amigo Pepe: evaluation of a multi-media marketing campaign that targets young Latino immigrant MSM with HIV testing messages. *AIDS Behavior*, 20(9), pp.1973–1988.
- Suffoletto B, Akers A, McGinnis KA, Calabria J, Wiesenfeld HC, and Clark DB. (2013). A sex risk reduction text-message program for young adult females discharged from the emergency department. *Journal of Adolescent Health*, 53(3), pp.387-393.
- Tian L, Tang S, Cao W, Zhang K, Li V, and Detels R. (2007). Evaluation of a web-based intervention for improving HIV/AIDS knowledge in rural Yunnan, China. *AIDS*, 21, pp.S137-142.
- Vahdat HL, L'Engle KL, Plourde KF, Magaria L, and Olawo A. (2013). There are some questions you may not ask in a clinic: Providing contraception information to young people in Kenya using SMS. *International Journal of Gynecology and Obstetrics*, 123, pp.e2-e6.
- Wilkinson AL, Pedrana AE, El-Hayek C, Vella AM, Asselin J, Batrouney C, Fairley CK, Read TRH, Hellard M, and Stooze M. (2016). The impact of a social marketing campaign on HIV and sexually transmissible infection testing among men who have sex with men in Australia. *Sexually Transmitted Diseases*, 43(1), pp.49-55.
- Willoughby JF, and Jackson K. (2013). “Can you get pregnant when u r in the pool?”: young people’s information seeking from a sexual health text line. *Sex Education*, 13(1), pp.96-101.
- Ybarra ML, Korchmaros JD, Prescott TL, and Birungi R. (2015). A Randomized Controlled Trial to Increase HIV Preventive Information, Motivation, and Behavioral Skills in Ugandan Adolescents. *Annals of Behavioral Medicine*, 49(3), pp.473-485.
- Young SD, Cumberland WG, Lee SJ, Jaganath D, Szekeres G, and Coates T. (2013). Social networking technologies as an emerging tool for HIV prevention: a cluster randomized trial. *Annals of Internal Medicine*, 159(5), pp.318–324.
- Young SD, Cumberland WG, Nianogo R, Menacho LA, Galea JT, and Coates T. (2015). The HOPE social media intervention for global HIV prevention in Peru: a cluster randomised controlled trial. *Lancet HIV*, 2(1), pp.e27–32.
- Zou H, Wu Z, Yu J, Li M, Ablimit M, Li F, and et al. (2013). Internet-facilitated, voluntary counseling and testing (VCT) clinic-based HIV testing among men who have sex with men in China. *PLoS One*, 8(2), pp.e51919.