

## REFERENCES

- Agwu, A., Lindsey, J. C., Ferguson, K., Zhang, H., Spector, S., Rudy, B. J., . . . Persaud, D. (2008). Analyses of HIV-1 drug-resistance profiles among infected adolescents experiencing delay antiretroviral treatment switch after initial nonsuppressive highly active antiretroviral therapy. *AIDS Patient Care and STDs*, 22(7), 545-552. doi:10.1089/apc.2007.0200
- Ajzen, I. (2001). Nature and operation of attitudes. *Annual Review of Psychology*, 52, 27-58. doi:10.1146/annurev.psych.52.1.27
- Alonzo, A. A., & Reynolds, N. R. (1995). Stigma, HIV and AIDS: An exploration and elaboration of a stigma trajectory. *Social Science and Medicine*, 41, 303-315. doi:10.1016/0277-9536(94)00384-6
- Ammassari, A., Trotta, M. P., Murri, P., Castelli, F., Narciso, P., Noto, P., . . . Antinori, A. (2002). Correlates and predictors of adherence to highly active antiretroviral therapy: Overview of published literature. *Journal of Acquired Immune Deficiency Syndromes*, 31(Suppl. 3), 123-127.
- Angel, S., Kravick, E. E., Balaskas, P., Yen, A. D., Badley, D., Cameron, W., & Hu, Y. W. (2000). *Documentation of HIV-1 superinfection and acceleration of disease progression*. Paper presented at the Seventh Conference on retroviruses and opportunistic infections. San Francisco, CA.
- Apinundecha, C., Laohasiriwong, W., Cameron, M. P., & Lim, S. (2007). A community participation intervention to reduce HIV/AIDS stigma, Nakhon Ratchasima province, northeast Thailand. *AIDS Care*, 19(9), 1157-1165. doi:10.1080/09540120701335204

- Aspeling, H. E., & Wyk, N. C. V. (2008). Factors associated with adherence to antiretroviral therapy for the treatment of HIV-infected women attending an urban care facility. *International Journal of Nursing Practice*, 14(1), 3-10. doi:10.1111/j.1440-172X.2007.00659.x
- Atwood, K. A., Zimmerman, R., Cupp, P. K., Fongkaew, W., Miller, B. A., Brynes, H. F., . . . Chookhare, W. (2012). Correlates of precoital behaviors, intentions, and sexual initiation among Thai adolescents. *Journal of Early Adolescence*, 32(3), 364-386. doi:10.1177/0272431610393248
- Battaglioli-Denero, A. M. (2007). Strategies for improving patient adherence to therapy and long-term patient outcomes. *Journal of the Association of Nurses in AIDS Care*, 18(Suppl. 1), 17-22. doi:10.1016/j.jana.2006.11.020
- Belzer, M. E., Fuchs, D. N., Luftman, G. S., & Tucker, D. J. (1999). Antiretroviral adherence issues among HIV-positive adolescents and young adults. *Journal of Adolescent Health*, 25(5), 316-319.
- Berg, B. L. (2004). *Qualitative research methods for the social sciences* (5th ed.). Boston: Pearson Education.
- Bornovalova, M. A., Gwadz, M. A., Kahler, C., Akin, W. M., & Lejuez, C. W. (2008). Sensation seeking and risk-taking propensity as mediators in the relationship between childhood abuse and HIV-related risk behavior. *Child Abuse & Neglect*, 32, 99-109. doi:10.1016/j.chab.2007.04.009
- Brackis-Cott, E., Kang, E., Dolezel, C., Abrams, E. J., & Mellins, C. A. (2009). Brief report: Language ability and school functioning of youth perinatally infected with HIV. *Journal of Pediatric Health Care*, 23(3), 158-164. doi:10.1016/j.chab.2007.04.009

- Broadhead, R. S., Heekathorn, D. D., Altice, F. L., van Hulst, Y., Carbone, M., Friedlard, G. H., . . . Selwyn, P. A. (2002). Increasing drug user's adherence to HIV treatment: Results of a peer-driven intervention feasibility study. *Social Science & Medicine*, 55(2), 235-246. doi:10.1016/S0277-9536(01)00167-8
- Bureau of Epidemiology. (2005). *ARV adherence monitoring and enhancement guideline*. Bangkok: The Agricultural Co-Operative Federation, Bangkok, Thailand.
- Chesney, M. (2003). Adherence to HAART regimens. *AIDS Patient care and SIDS*, 17(4), 169-177. doi:10.1089/108729103321619773
- Chesney, M. A., Ickovics, J. R., Chambers, D. B., Gifford, A. L., Neidig, J., Zwicki, B., . . . Wu, A. W. (2000). Self-reported adherence to antiretroviral medications among participants in HIV clinical trials: The AACTG Adherence Instruments. AIDS Care—Psychological and Socio-Medical Aspects of AIDS/HIV. *AIDS Care*, 12(3), 255-266. doi:10.1080/09540120050042891
- Chetchotisakd, P., Anunnatsiri, S., Mootsikapun, P., Kiertiburanakul, S., Anekthananon, T., Bowonwatanuwong, C., . . . Ruxrungtham, K. (2007). Efficacy and tolerability of a double boosted protease inhibitor (lopinavir+saquinavir/ritonavir) regimen in HIV-infected patients who failed treatment with nonnucleoside reverse transcriptase inhibitors. *HIV Medicine*, 8(8), 529-535. doi:10.1111/j.1468-1293.2007.00506.x
- Chiang Mai Provincial Public Health Office. (2012). *Report of AIDS situation in Chiang Mai province*. Retrieved from [http://www.chiangmaihealth.com/cmpo\\_web53/attachments/1801\\_AIDS255609.pdf](http://www.chiangmaihealth.com/cmpo_web53/attachments/1801_AIDS255609.pdf)

- Ciesla, J. A., Roberts, J. E., & Hewitt, R. G. (2004). Adult attachment and high risk sexual behavior among HIV-positive patients. *Journal of Applied Social Psychology, 34*, 108-124. doi:10.1111/j.1559-1816.2004.tb02539.x
- Collins, A., Joseph, D., & Bielaczyc, K. (2004). Design research: Theoretical and methodological issues. *The Journal of the Learning Sciences, 13*(1), 15-42.
- Condra, J. H. (1998). Resistance to HIV protease inhibitors. *Haemophilia, 4*(4), 610-615. doi: 10.1046/j.1365-2516.1998.440610.x
- Craig, D. V. (2004). Practitioner action research: action research to improve practice. *Work Based Learning in Primary Care, 2*, 224-237.
- De Rosa, C., & Marks, G. (1998). Preventive counseling of HIV-positive men and self-disclosure of serostatus to sex partners: New opportunities for prevention. *Health Psychology, 17*, 224-231.
- Delamater, A. M. (2006). Improving patient adherence. *Clinical Diabetes, 24*(2), 71-77. doi:10.2337/diaclin.24.2.71
- DeVellis, R. F. (2003). *Scale development: Theory and applications*. Thousand Oaks, CA: Sage.
- Dietrich, J., Khunwane, M., Laher, F., Bruyn, G. D., Sikkema, K. J., & Gray, G. (2011). “Group sex” parties and other risk patterns: A qualitative study about the perceptions of sexual behaviors and attitudes of adolescents in Soweto, South Africa. *Vulnerable Children and Youth Studies: An International Interdisciplinary Journal for Research, Policy and Care, 6*(3), 244-254. doi:10.1080/17450128.2011.597796

- Dowshen, N., Kuhn, L. M., Johnson, A., Holoyda, B. J., & 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), 51-61. doi: 10.2196/jmir.2015
- Elkinfton, K. S., Bauermeister, J. A., Brackis-Cott, E., Dolezal, C., & Melins, C. A. (2009). Substance use and sexual risk behaviors in perinatally human immunodeficiency virus-exposed youth: Roles of caregivers, peers and HIV status. *Journal of Adolescent Health, 45*(2), 133-141. doi:10.1016/j.jadohealth.2009.01.004
- Ennett, S. T., Bauman, K. E., Hussong, A., Faris, R., Foshee, V. A., Cai, L., & DuRant, R. H. (2006). The peer context of adolescent substance use: Findings from social network analysis. *Journal of Research on Adolescence, 16*, 159-186. doi:10.1111/j.1532-7795.2006.00127.x
- Fisher, C. (2011). Adapting the Information-Motivation-Behavioral skills model: Predicting HIV-related sexual risk among sexual minority youth. *Health Education & Behavior, 39*(3), 290-302. doi:10.1177/1090198111406537
- Fisher, J. D., Amico, K. R., Fisher, W. A., & Harman, J. J. (2008). The information-motivation-behavioral skills model of antiretroviral adherence and its application. *Current of HIV/AIDS Report, 5*(4), 193-203. doi:10.1007/s11904-008-0028-y
- Fisher, J. D., Corman, D. H., Osborn, C. Y., Amico, K. R., Fisher, W. A., & Friedland, G. A. (2004). Clinician-initiated HIV risk reduction intervention for HIV-positive persons: Formative research, acceptability, and fidelity of the options project. *Journal of Acquire Immunology Deficiency Syndrome, 37*(2), S78-S87. doi:10.3109/00952990.2011.568081

- Fisher, J. D., & Fisher, W. A. (1992). Changing AIDS risk behavior. *Psychological Bulletin, 111*, 455-474.
- Fisher, J. D., & Fisher, W. A. (2000). Theoretical approaches to individual-level change. In J. Peterson & R. DiClemente (Eds.), *HIV prevention handbook* (pp. 3-55). New York: Kluwer Academic/Plenum Press.
- Fisher, J. D., Fisher, W. A., Bryan, A. D., & Misovich, S. J. (2002). Information-motivation-behavioral skills model-based HIV risk behavior change intervention for inner-city high school youth. *Health Psychology, 21*(2), 177-186. doi: 10.1037/0278-6133.21.2.177
- Fisher, J. D., Fisher, W. A., Cornman, D. H., Amico, R. K., Bryan, A., & Friedland, G. H. (2006). Clinician-delivered intervention during routine clinical care reduces unprotected sexual behavior among HIV-infected patients. *Journal of Immune Deficiency Syndrome, 41*(1), 44-52.
- Fisher, W. A., & Fisher, J. D. (1999). Understanding and promoting sexual and reproductive health behavior. In R. Rosen, C. Davis, & H. Ruppel (Eds.), *Annual review of sex research* (Vol. IX, pp. 39-76). Mason City, IA: Society for the Scientific Study of Sex.
- Fisher, W. A., Fisher, J. D., & Harman, J. (2003). The information-motivation-behavioral skills model as a general model of health behavior change: Theoretical approaches to individual-level change. In J. Suls & K. Wallston (Eds.), *Social psychological foundations of health* (pp. 127-153). London: Blackwell.

- Flynn, P. M., Rudy, B. J., Lindsey, J. C., Douglas, S. D., Lathey, J., Spector, S. A., . . . Hughes, M. D. (2007). Long-term observation of adolescents initiating HAART therapy: Three-year follow-up. *AIDS Research and Human Retroviruses*, 23(10), 1208-1214. doi:10.1089/aid.2006.0290
- Fongkaew, W., Cupp, P. K., Miler, B. A., Awood, K. A., Chamratrithirong, A., Rhucharoenporpanich, O., . . . Byrnes, H. F. (2012). Do Thai parents really know about the sexual risk taking of their children? A qualitative study in Bangkok. *Nursing and Health Sciences*, 14(3), 391-397. doi:10.1111/j.1442-2018.2012.00703.x
- Fongkaew, W., Viseskul, N., Suksatit, B., Settheekul, S., Chantawan, R., Grimes, R. C., & Grimes, D. E. (2014). Verifying a quantitative stigma and a medication adherence scale using qualitative methods among Thai youth living with HIV/AIDS. *Journal of the International Association of Providers in AIDS Care*, 13(1), 69-77. doi:10.1177/1545109712463734
- Fongkaew, W., Settheekul, S., Fongkaew, K., & Surapagdee, N. (2011). Effectiveness of a youth-led educational program on sexual and reproductive health for Thai early adolescents. *Pacific Rim International Journal of Nursing Research*, 15(2), 81-96.
- Friedman, S. (Ed.). (1998). *Comprehensive adolescent health care*. St. Louise, MO: Mosby.
- Fukfon, K. (2010). *An interactive intervention to impact adherence to antiretroviral treatment among treatment-naïve, HIV-infected adults in Thailand: A pilot randomized controlled study* (Unpublished doctoral dissertation). University of Texas Health Science Center at Houston, Texas, United state.

- Fumero, E., & Podzamzer, D. (2003). New pattern of HIV-1 resistance during HARRT. *Clinical Microbiology and Infection*, 9(11), 1077-1084. doi:10.1046/j.1469-0691.2003.00730.x
- Gao, X., Nau, D. P., Rosenbluth, S. A., Scott, V., & Woodward, C. (2000). The relationship of disease severity, health beliefs and medication adherence among HIV patients. *AIDS Care*, 12(4), 387-98. doi:10.1080/09540120050123783
- Garcia de Olalla, P., Knobel, H., Carmona, A., Guelar, A., Lopez-Colomes, J. L., & Cayla, J. A. (2002). Impact of adherence and highly active antiretroviral therapy on survival in HIV-infected patients. *Journal of Acquired Immune Deficiency Syndromes*, 30, 105-110.
- Garcia, P. R., & Cote, J. K. (2003). Factor affecting adherence to antiretroviral therapy in people living with HIV/AIDS. *Journal of the Association of Nurses in AIDS Care*, 14(4), 37-45.
- Graney, M. J., Bunting, S. M., & Russell, C. K. (2003). HIV/AIDS medication adherence factor: Inner-city clinic patients' self-reports. *Journal of the Tennessee Medical Association*, 96, 73-78.
- Gray, W. N., Janicke, D. M., Fennell, E. B., Driscoll, D. C., & Lawrence, R. M. (2011). Piloting behavioral family systems therapy to improve adherence among adolescents with HIV: A case series intervention study. *Journal of Health Psychology*, 16(5), 828-842. doi:10.1177/1359105310394230
- Grundy, S. (1982). Three modes of action research. In S. Kemmis & R. Mataggert (Eds.), *The action research reader* (3rd ed.). Geelong: Deakin University Press.
- Guba, E. G., & Lincoln, Y.S. (1989). *Fourth generation evaluation*. CA: Sage.

- Guillaal, G., & Madise, N. J. (2007). HIV/AIDS and sexual-risk behaviors among adolescents: Factors influencing the use of condoms in Burkina Faso. *African Journal Reproductive Health, 11*(3), 182-196.
- Halpern, C. T., Joyner, K., Udry, J. R., & Suchindran, C. (2000). Smart teens don't have sex (or kiss much either). *Journal of Adolescent Health, 26*, 213-225.
- Hanmon, R. (2011). *Effects of self-management enhancement on antiretroviral drug adherence and risk behaviors among people living with HIV/AIDS*. Unpublished master's thesis, Chiang Mai university, Chiang Mai, Thailand.
- Herrmann, S., Mckinnon, E., John, M., Hyland, N., Martinez, O. P., Cain, A., . . . Mallal, S. (2008). Evidence-based, multifactorial approach to addressing non-adherence to antiretroviral therapy and improving standards of care. *Internal Medicine Journal, 38*, 8-15.
- Hicks, P. L., Mulvey, K. P., Chander, J. A., Fleishman, A., Josephs, J. S., Korthuis, P. T., . . . Gebo, K. A. (2007). The impact of illicit drug use and substance abuse treatment on adherence to HARRT. *AIDS Care, 19*(9), 1134-1140. doi:10.1080/09540120701351888
- Hinkin, C. H., Castellon, S. A., Durvasula, R. S., Hardy, D. J., Lam, M. N., Mason, K. L., . . . Stefaniak, M. (2002). Medication adherence among HIV+ adults: Effects of cognitive dysfunction and regimen complexity. *Neurology, 59*, 1944-1950.
- Hogg, R. S., Yip, B., Chan, K. J., Wood, E., Craib, K. J., O' Shaughnessy, M. V., & Montaner, J. S. (2001). Rates of disease progression by baseline CD4 cell count and viral load after initiating triple-drug therapy. *The Journal of the American Medical Association, 286*(20), 2568-2577. doi:10.1001/jama.286.20.2568

- Holstad, M. K., Pace, J. C., De, A. K., & Ura, D. R. (2006). Factors associated with adherence to antiretroviral therapy. *Journal of the Association of Nurses in AIDS Care, 17*(2), 4-15.
- Holter, I. M., & Schwartz-Barcott, D. (1993). Action research: What is it? How has it been used and how can it be used in nursing? *Journal of Advanced Nursing, 18*(2), 298-304. doi:10.1046/j.1365-2648.1993.18020298.x
- Homsanit, M., Nelson, K. E., Sonjai, A., Anekthananon, T., Suwanagool, S., & Cofrancesco, J. (2007). Body shape and metabolic abnormalities in Thai HIV-infected patients. *AIDS Research and Human Retroviruses, 23*, 1314-1321. doi:10.1089/aid.2007.0013
- Hosek, S. G., Herper, G. W., & Domanico, R. (2005). Predictors of medication adherence among HIV-infected youth. *Psychology, Health & Medicine, 10*(2), 166-179. doi:10.1080/1354350042000326584
- Hubbard, M. (2006). Dealing with the obstrucles in adhering to highly active antiretroviral therapy. *Journal of the Association of Nurses in AIDS Care, 17*(1), 18-25. doi: 10.1016/j.jana.2005.11.002
- Ickovics, J. R., & Meade, C. S. (2002). Adherence to antiretroviral therapy among patients with HIV: A critical link between behavioral and biomedical sciences. *Journal of Acquired Deficiency Syndromes, 31*, 98-102.
- Irwin, K. L., Pau, C. P., Lupo, D., Pienezek, D., Luo, C. C., Olivo, N., . . . Ernst, J. (1997). Presence of human immunodeficiency virus (HIV) type 1 subtype A infection in a New York community with high HIV prevalence: A sentinel site for monitoring HIV genetic diversity in North America. *Journal of Infectious Diseases, 176*, 1629-1633.

- Johnson, M. O., Neilands, T. B., Dilworth, S. E., Morin, S. F., Remien, R. H., & Chesney, M. A. (2007). The role of self-efficacy in HIV treatment adherence: Validation of the HIV Treatment Adherence Self-Efficacy Scale (HIV-ASES). *Journal of Behavioral Medicine*, 30(5), 359-370.  
doi:10.1007/s10865-007-9118-3
- Joint United Nations Programme on HIV/AIDS. (2006). *Overview of the global AIDS epidemic: 2006 report on the global AIDS*. Retrieved from <http://www.unaids.org/en/Dataanalysis/Epidemiology>
- Joint United Nations Programme on HIV/AIDS. (2008). *Status of the global HIV epidemic: 2008 report on the global AIDS epidemic*. Retrieved from [http://data.unaids.org/pub/GlobalReport/2008/jc1510\\_2008\\_global\\_report\\_pp29\\_62\\_en.pdf](http://data.unaids.org/pub/GlobalReport/2008/jc1510_2008_global_report_pp29_62_en.pdf)
- Joint United Nations Programme on HIV/AIDS. (2011). *Global report 2010, Core Slides, Slide 11*. Retrieved from [http://www.unaids.org/documents/20101123\\_epislides\\_core\\_en.pdf](http://www.unaids.org/documents/20101123_epislides_core_en.pdf)
- Joint United Nations Programme on HIV/AIDS. (2012). *Thailand AIDS response progress report 2012 reporting period: 2010-2011*. Retrieved from [http://www.unaids.org/en/dataanalysis/monitoringcountryprogress/progress\\_reports/2012countries/ce\\_TH\\_Narrative\\_Report\[1\].pdf](http://www.unaids.org/en/dataanalysis/monitoringcountryprogress/progress_reports/2012countries/ce_TH_Narrative_Report[1].pdf)
- Kalichman, S. C. (2000). HIV transmission risk behaviors of men and women living with HIV-AIDS: Prevalence, predictors, and emerging clinical interventions. *American Psychological Association*, 7(1), 32-47.

- Kalichman, S. C., Cherry, J., & Cain, D. (2005). Nurse-delivered antiretroviral treatment adherence intervention for people with low literacy skills and living with HIV/AIDS. *Journal of the Association of Nurses in AIDS Care*, 16(5), 3-15. doi:10.1016/j.jana.2005.07.001
- Kalichman, S. C., Kelly, J. A., & Rompa, D. (1997). Continued high-risk sex among HIV seropositive men. *Health Psychology*, 16(4), 369-373. doi:10.1037/0278-6133.16.4.369
- Kalichman, S. C., Ramachandran, B., & Catz, S. (1999). Adherence to combination antiretroviral therapies in HIV patients of low health literacy. *Journal of General Internal Medicine*, 14, 267-273. doi:10.1046/j.1525-1497.1999.00334.x
- Kammerer, J., Garry, G., Hartigan, M., Carter, B., & Erlish, L. (2007). Adherence in patients on dialysis: strategies for success. *Nephrology Nursing Journal*, 34(5), 479-486.
- Kantor, R., Diero, L., Delong, A., Kamle, L., Muyonga, S., Mmbo, F., . . . Buziba, N. (2009). Misclassification of first-line antiretroviral treatment failure based on immunological monitoring of HIV infection in resource-limited settings. *Clinical Infectious Disease*, 49(3), 454-462. doi:10.1086/600396
- Kelly, A. E., & McKillop, K. J. (1996). Consequences of revealing personal secrets. *Psychological Bulletin*, 120(3), 450-465.
- Kemmis, S., & McTaggart, R. (Ed.). (1988). *The action research reader* (3rd ed.). Geelong: Deakin University Press.
- Khaihin, R. (2011). *Effects of empowerment on antiretroviral drug adherence and risk behaviors among youth living with HIV/AIDS* (Unpublished master's thesis). Chiang Mai university, Chiang Mai, Thailand.

- Kirby, D. B., Laris, B. A., & Roller, L. A. (2007). Sex and HIV education programs: Their impact on sexual behaviors of young people throughout the world. *Journal of Adolescent Health, 40*, 206-217. doi:10.1016/j.jadohealth.2006.11.143
- Koenig, L. J., Nesheim, S., & Abramowiz, S. (2011). Adolescent with perinatally acquired HIV: Emerging behavioral and health needs for long-term survivors. *Current Opinion of Obstetric Gynecology, 23*(5), 321-327. doi:10.1097/GCO.0b013e32834a581b
- Kourrouski, M. F. C., & Lima, R. A. G. (2009). Treatment adherence: The experience of adolescents with HIV/AIDS. *Review Latino-Am Enfermagem, 17*(6), 947-952.
- Krupitsky, E. M., Horton, N. J., Williams, E. C., Lioznov, D., Kunznetsova, M., Zvartau, E., . . . Samet, J. H. (2005). Alcohol use and HIV risk behaviors among HIV-infected hospitalized patients in St. Peterburg, Russia. *Drug and Alcohol Dependence, 79*, 251-256. doi:10.1016/j.drugalcdep.2005.01.015
- Kyngas, H. A. (1999). Compliance of adolescents with asthma. *Nursing and Health Science, 1*(3), 195-202. doi:10.1046/j.1442-2018.1999.00025.x
- Lee, B., & Oberdofer, P. (2009). Risk-taking behaviors among vertically HIV infected adolescents in Northern Thailand. *Journal of the International Association of Physicians in AIDS Care, 8*(4), 221-228. doi:10.1177/1545109709341082
- Lee, G. M., Gortmaker, S. L., McIntosh, K., Hughes, M. D., & Oleske, J. M. (2006). Quality of life for children and adolescents: Impact of HIV infection and antiretroviral treatment. *Pediatrics, 117*(2), 273-283. doi:10.1542/peds.2005-0323

- Lesser, J., Koniak-Griffin, D., Gonzalez-Figuefoa, E., Huang, R., & Cumberland, W. G. (2007). Childhood abuse history and risk behaviors among teen parents in a culturally rooted, couple-focused HIV prevention program. *Journal of the Association of Nurses in Aids Care, 18*(2), 18-27. doi:10.1016/j.jana.2006.11.001
- Levy, R. W., Rayner, C. R., Fairley, C. K., Kong, D. C., Mijch, A., Costello, K., & McArthur, C. (2004). Multidisciplinary HIV adherence intervention: A randomized study. *AIDS Patient Care STDs, 18*(12), 728-735. doi:10.1089/apc.2004.18.728
- Lightfoot, M., Swendeman, D., Rotheram-Borus, M. J., Comulada, W. S., & Weiss, R. (2005). Risk behaviors of youth living with HIV: Pre- and Post-HARRT. *American Journal of Health Behavior, 29*(2), 162-171. doi:10.5993/AJHB.29.2.7
- Lincoln, Y.S., & Guba, E.G. (1985). *Naturalistic inquiry*. Beverly Hills, CA: Sage.
- Little, S. J., & Smith, D. M. (2005). HIV treatment decisions and transmitted drug resistance. *Clinical Infectious Diseases, 41*, 233-235. doi:10.1086/431215
- Luszczynska, A., Sarkar, Y., & Knoll, N. (2007). Received social support, self-efficacy, and finding benefits in disease as predictors of physical functioning and adherence to antiretroviral therapy. *Patient Education and Counseling, 66*, 37-42. doi:10.1016/j.pec.2006.10.002
- Lyon, M. E., Trexler, C., Akpan-Townsend, C., Pao, M., Selden, K., Fletcher, J., . . . D'Angelo, L. J. (2003). A family group approach to increasing adherence to therapy in HIV-infected youths: Results of a pilot project. *AIDS Patient Care STDS, 17*(6), 299-308. doi:10.1089/108729103322108175

- MacDonell, K. E., Naar-King, S., Murphy, D. A., Parsons, J. T., & Huszti, H. (2011). Situational temptation for HIV medication adherence in high risk youth. *AIDS Patient Care STDS*, 25(1), 47-52. doi:10.1089/apc.2010.0172
- Masters, J. (1995). The history of action research. In I. Hughes (Ed.), *Action research electronic reader*. The University of Sydney. Retrieved from <http://www.behs.cchs.usyd.edu.au/arow/Reader/rmasters.htm>.
- Mayer, J. E. (1993). New paradigm research in practice: The trials and tribulations of action research. *Journal of Advanced Nursing*, 18, 1066-1072. doi:10.1046/j.1365-2648.1993.18071066.x
- McCutcheon, G., & Jung, B. (1990). Alternative perspectives on action research. *Theory in Practice*, 24(3), 144-151.
- McKernan, J. (1991). *Curriculum action research: A handbook of methods and resources for the reflective practitioner*. New York: St. Martin's Press.
- McKinney, R. E., Jr., Rodman, J., Hu, C., Britto, P., Hughes, M., Smith, M. E., . . . Rathore, M. (2007). Long term safety and efficacy of a once-daily regimen of emtricitabine, didanosine, and efavirenz in HIV-infected, therapy-naïve, children and adolescents: Pediatric AIDS Clinical Trials Group Protocol P1021. *Pediatrics*, 120(2), 416-423. doi:10.1542/peds.2006-0925
- Meichenbaum, D., & Turk, D. C. (1987). *Facilitating treatment adherence: A practitioner's guidebook*. USA: Plenum Press.
- Milam, J., Richardson, J. L., McCutchan, A., Stoyanoff, S., Weiss, J., Kemper, C., . . . Bolan, R. (2005). Effect of a brief antiretroviral adherence intervention delivered by HIV care providers. *Journal of Acquired Immune Deficiency Syndromes*, 40(3), 356-363. doi:10.1097/01.qai.0000159710.98960.81

- Miles, M.B. & Huberman, A. M. (1994). *Qualitative data analysis* (2nd ed.). Thousand Oaks, CA: Sage.
- Miller, L. G., & Hays, R. D. (2000). Measuring adherence to antiretroviral medications in clinical trials. *HIV Clinical Trials*, 1, 36-46.
- Minkler, M., & Wallerstein, N. (Ed.). (2005). Introduction to community-based participatory research. In *Community-based participatory research for health* (pp. 3-26). San Francisco: Jossey-Bass.
- Morisky, D. E., Green, L. W., & Levin, D. M. (1986). Concurrent and predictive validity of self-reported measure of medication adherence. *Medical Care*, 24, 64-74.
- Murphy, D. A., Belzer, M., Durako, S. J., Sarr, M., Wilson, C. M., & Muenz, L. R., (2005). Longitudinal antiretroviral adherence among adolescents infected with human immunodeficiency virus. *Archives of Pediatrics & Adolescent Medicine*, 159(8), 764-770. doi:10.1001/archpedi.159.8.764
- Murphy, D. A., Durako, S. J., Moscicki, A. B., Vermund, S. H., Ma, Y., Schwartz, D. F., & Muenz, L. R. (2001). No change in high-risk behavior over time among HIV-infected adolescents in care: Role of psychological distress. *Journal of Adolescent Health*, 29, 57-63.
- Murphy, D. A., Sarr, M., Durako, S. J., Moscicki, A., Wilson, C. M., & Muenz, L. R. (2003). Barriers to HAART adherence among human immunodeficiency virus-infected adolescent. *Archives of Paediatrics & Adolescent Medicine*, 157(3), 249-255. doi:10.1001/archpedi.157.3.249

- Naar-King, S., Lam, P., Wang, B., Wright, K., Parson, J. T., & Frey, M. A. (2008). Brief report: Maintenance of effects of motivational enhancement therapy to improve risk behaviors and HIV-related health in a randomized controlled trial of youth living with HIV. *Journal of Pediatric Psychology*, 33(4), 441-445.
- Naar-King, S., Wright, K., Parsons, J. T., Frey, M., Templin, T., & Lam, P. (2006). Health choices: Motivational enhancement therapy for health risk behaviors in HIV-positive youth. *AIDS Education and Prevention*, 18(1), 1-11.
- National AIDS Prevention and Alleviation Committee. (2010). *UNGASS country progress report Thailand: Reporting period January 2008-December 2009*. Retrieved from <http://www.unaids.org/en/regionscountries/countries/thailand.html>
- Nugent, N. R., Brown, L. K., Belzer, M., Harper, G. W., Nachmn, S., & Naar-King, S. (2010). Youth living with HIV and problem substance use: Elevated distress is associated with nonadherence and sexual risk. *Journal of International Association of Physicians AIDS Care*, 9(2), 113-115.  
doi:10.1177/1545109709357472
- Oberdorfer, P. (2008). Caring of adolescents living with HIV/AIDS. *Journal of Pediatrics*. July-September, 190-197.
- Oberdorfer, P., Puthanakit, T., Louthrenoo, O., Charnsil, C., Sirisanthana, V., & Sirisanthana, T. (2006). Disclosure of HIV/AIDS diagnosis to HIV-infected children in Thailand. *Journal of Paediatrics and Child Health*, 42, 283-288.  
doi:10.1111/j.1440-1754.2006.00855.x

Okonkwoh, C. (2011). *Factors affecting antiretroviral treatment adherence among young adults living with HIV/AIDS in Yaba, Lagos, Nigeria: A qualitative study* (Master's thesis, Wageningen University, The Netherlands).

Retrieved from <http://www.edepot.wur.nl/202013>

Outlaw, A., Naar-King, S., Green-Jones, M., Wright, K., Condon, K., Sherry, L., &

Janisse, H. (2010). Predictors of optimal HIV appointment adherence in minority young adults: A prospective study. *Journal of Pediatric Psychology*, 35(9), 1011-1015. doi:10.1093/jpepsy/jsq002

Panel on Antiretroviral Guidelines for Adults and Adolescents (2013). *Guidelines for the use of antiretroviral agents in HIV-1-infected adults and adolescents*.

Retrieved from <http://aidsinfo.nih.gov/ContentFiles/AdultandAdolescentGL.pdf>

Parsons, G. N., Siberry, G. K., Parsons, J. K., Christensen, J. R., Joyner, M. L., Lee,

S. L., . . . Hutton, N. (2006). Multidisciplinary, inpatient directly observed therapy for HIV-1-infected children and adolescents failing HARRT: A retrospective study. *AIDS patient Care STDS*, 20(4), 275-284.

doi:10.1089/apc.2006.20.275

Parsons, J. T., Golub, S. A., Rosof, E., & Holder, C. (2007). Motivational

interviewing and cognitive-behavioral intervention to improve HIV

medication adherence among hazardous drinkers: A randomized controlled

trial. *Journal of Acquired Immune Deficiency Syndrome*, 46(4) 443-450.

doi:10.1097/QAI.0b013e318158a461

- Phongsamart, W., Wittawatmngkol, O., Vanprper, N., & Chokephibulkit, P. (2011). Chanllenges in management of pediatric HIV/AIDS: Thailand perspective, *Siriraj Medical Journal*, 63, 25-31.
- Pieh-Holder, K. L., Callahan, C., & Young, P. (2012). Qualitative needs assessment: Healthcare experiences of underserved populations in Montgomery County, Virginia, USA. *Rural Remote Health*, 12, 18-16.
- Plowden, K.O., Fletcher, A. &, Millr, J. L. (2005). Factor influencing HIV-risk behaviors among HIV-positive urban African Americans. *The Journal of the Association of Nurses in AIDS Care*, 16(1), 21-28.
- Poppa, A., Davidson, O., Deutsch, J., Godfrey, D., Fisher, M., Head, S., . . . Sherr, L. (2004). British HIV Association (BHIVA)/British Association for Sexual Health and HIV (BASHH) guidelines on provision of adherence support to individuals receiving antiretroviral therapy (2003). *HIV Medicine*, 5(Suppl. 2), 46-60.
- Puccio, J. A., Belzer, M., Olson, J., Martinez, M., Salata, C., Tucker, D., & 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), 438-444.  
doi:10.1089/apc.2006.20.438
- Purdy, J. B., Freeman, A. F., Martin, S. C., Ryder, C., Elliott-DeSorbo, D. K., Zeichner, S., & Hazra, R. (2008). Virologic response using directly observed therapy in adolescents with HIV: An adherence tool. *The Journal of Association of Nurses in AIDS Care*, 19(2), 158-165. doi:10.1016/j.jana.2007.08.003

- Raksthai Foundation (2009). *Parent performance enhancement project: The communication about sexuality of children who affected AIDS*. Chiang Mai, Thailand: Raksthai Foundation.
- Rangel, M. C., Loretta, G., Reed, C., Fowler, M. G., & Lee, L. M. (2006). Epidemiology of HIV and AIDS among adolescents and young adults in the United States. *Journal of Adolescent Health, 39*(2), 156-163.
- Rao, D., Kekwakeswe, T. C., Hosek, S., Martinez, J., & Rodriguez, F. (2007). Stigma and social barriers to medication adherence with urban youth living with HIV. *AIDS Care, 19*(9), 28-33. doi:10.1080/09540120600652303
- Rasamimari, A., Dancy, B., & Smith, J. (2008). HIV risk behaviours and situations as perceived by Thai adolescent daughters and their mothers in Bangkok, Thailand. *AIDS Care, 20*, 181-187.
- Rathbun, R. C., Farmer K. C., Stephens, J. R., & Lockhart, S. M. (2005). Impact of on an adherence clinic on behavioral outcomes and virologic response in the treatment of HIV infection: A prospective, randomized controlled pilot study. *Clinical Therapeutic, 27*(2), 199-209.
- Reisner, S. L., Miniaga, M. J., Skeer, M., Perkovich, B., Jonson, V., & Safran, S. A. (2009). A review of HIV antiretroviral adherence and intervention studies among HIV-infected youth. *Top HIV Med, 17*(1), 14-25.
- Remien, R. H., Bastos, F. I., Terto, V., Jr., Raxach, J. C., Pinto, R. M., Parker, R. G., . . . Hacker, M. A. (2007). Adherence to antiretroviral therapy in a context of universal access, in Rio de Janeiro, Brazil. *AIDS Care, 19*(6), 740-748. doi:10.1080/09540120600842516

- Rogers, A. S., Miller, S., Murphy, D. A., Tanney, M., & Fortune, T. (2001). The TREAT (Therapeutic Regimens Enhancing Adherence in Teens) program: Theory and preliminary results. *Journal of Adolescent Health, 29*(Suppl. 3), 30-38.
- Rongkavilit, C., Naar-King, S., Chuenyam, T., Wang, B., Wright, K., & Phanuphak, P. (2007). Health risk behaviors among HIV-infected youth in Bangkok, Thailand. *Journal of Adolescent Health, 40*(4), 358.
- Rongkavilit, C., Wright, K., Chen, X., Naar-King, S., Chuenyam, T., & Phnuphak, P. (2010). HIV stigma, disclosure ad psychosocial distress among Thai youth living with HIV. *International Journal of STD and AIDS, 21*(2), 126-132.  
doi: 10.1258/ijsa.2009.008488
- Rotheram-Borus, M. J., Murphy, D. A., Coleman, C. L., Kennedy, M., Reid, H. M., Cline, T. R., . . . Kipke, M. (1997). Risk acts, health care, and medical adherence among HIV-positive youths in care over time. *AIDS and Behavior, 1*, 43-52. doi:10.1023/A:1026213905034
- Rotheram-Borus, M. J., Murphy, D. A., Kennedy, M., Stanton, A., & Kuklinski, M. (2001). Health and risk behaviors over time among youth living with HIV. *Journal of Adolescence, 24*, 791-802.  
doi: <http://dx.doi.org/10.1006/jado.2001.0432>
- Rudy, B. J., Murphy, D. A., Harris, D. R., Muenz, L., & Ellen J. (2009). Patient related risk for nonadherence to antiretroviral therapy among HIV infected youth in the United States: A Study of prevalence and interactions. *AIDS Patient Care and STDs, 23*(3), 185-194. doi:10.1089/apc.2008.0162
- Ruley, E. J. (1978). Compliance in young hypertensive patients. *Pediatric Clinics of North America, 25*, 175-182.

- Russel, J., Krantz, S., & Neville, S. (2004). The patient provider relationship and adherence to highly active antiretroviral therapy. *Journal of the Association of Nurses in AIDS Care, 15*(5), 40-47.
- Sabaiying, M. (2009). Social perception and evolving sexual behavior and partner preference of young people. In A. Chamratrithirong, & D. Phuengsamran (Eds.), *The era of ARV in the generalised HIV epidemic Thailand*. Nakhon Pathom: Institute for Population and Social Research, Mahidol University.
- Safren, S. A., Otto, M. W., Worth, J. L., Salomon, E., Johnson, W., Mayer, K., & Boswell, S. (2001). Two strategies to increase adherence to HIV antiretroviral medication: Life-Steps and medication monitoring. *Behavior Research and Therapy, 39*(10), 1151-1162.
- Savini, C. J., James, C. W., & DiGuglielmo, D. J. (2003). Survey of patient and clinician attitudes on adherence in a rural HIV clinic. *Journal of the Association of Nurse in AIDS Care, 14*(3), 72-75.
- Sawyer, S. M., & Aroni, R. A. (2003). Sticky issue of adherence. *Journal of Paediatric and Child Health, 39*, 2-5. doi: 10.1046/j.1440-1754.2003.00081.x
- Shegog, R., Markham, C. M., Leonard, A. D., Bui, T. C., & Paul, M. E. (2012). “+CLICK”: Pilot of a web-based training program to enhance ART adherence among HIV-positive youth. *AIDS Care, 24*(3), 310-318. doi:10.1080/09540121.2011.608788
- Singh, N., Berman, S. M., & Swindells, S. (1999). Adherence of human immunodeficiency virus-infected patients to antiretroviral therapy. *Clinical of Infection Disease, 29*, 824-830.

- Smith, S. R., Rublien, J. C., Marcus, C., Brock, T. P., & Chesney, M. A. (2003). A medication self-management program to improve adherence to HIV therapy regimens. *Patient Education and Counseling*, 50, 187-199.
- Spear, P. (2000). The adolescent brain and age-related behavioral manifestations. *Neuroscience and Biobehavioral Reviews*, 24, 417-463. doi:10.1016/S0149-7634(00)00014-2
- Sridawruang, C., Pfeil, M., & Crozier, K. (2010). Why Thai parents do not discuss sex with their children: a qualitative study. *Nursing & Health Sciences*, 12(4), 437-443. doi: 10.1111/j.1442-2018.2010.00556.x
- Srisuriyawet, R. (2006). *Psychosocial and gender-based determinants for sexual risk behaviors among adolescents in school*. Unpublished doctoral dissertation, Chiang Mai University, Chiang Mai, Thailand.
- Stephenson, J., Strange, V., Allen, E., Copas, A., Johnson, A., Bonell, C., . . . Okeley, A. (2008). The long-term effects of a peer-led sex education programme (RIPPLE): A cluster randomised trial in schools in England. *PLoS Medicine*, 5(11), 224. doi:10.1371/journal.pmed.0050224
- Stringer, E. T. (2007). *Action research* (3rd ed.). London: Sage.
- Stringer, E., & Genat, W. (2004). *Action research in Health*. Upper saddle river, NJ: Prentice Hall.
- Sungkanuparph, S., Techasathit, W., Utaipiboon, C., Chasombat, S., Bhakeecheep, S., Leechawengwongs, M., . . . Phanuphak, P. (2010). Thai national guidelines for antiretroviral therapy in HIV-1 infected adults and adolescents 2010. *Asian Biomedicine*, 4(4), 515-528.

- Tanney, M. R., Naar-King, S., & MacDonnel, K. (2012). Depression and stigma in high-risk youth living with HIV: A multi-site study. *Journal of Pediatric Health Care*, 26(4), 300-305. doi:10.1016/j.pedhc.2011.02.014
- Tanney, M. R., Narr-King, S., Murphy, D. A., Parsons, J. T., & Janistte, H. (2009). Multiple risk behavior among youth living with human immunodeficiency virus in five U.S. cities. *Journal of Adolescent Health*, 46(1), 11-16. doi:10.1016/j.jadohealth.2009.05.017
- Taylor, B. (2001). HIV, stigma and health: Integration of theoretical concepts and the lived experiences of individuals. *Journal of Advanced Nursing*, 35(5), 792-798.
- Thai Ministry of Public Health. (2012). *AIDS situation in Thailand 2012*. Retrieved from [http://www.Boe.moph.go.th/files/report/20121101\\_25902274.pdf](http://www.Boe.moph.go.th/files/report/20121101_25902274.pdf)
- Thompson, M. A., Aberg, J. A., Hoy, J. F., Telenti, A., Benson, C., Cahn, P., . . . Volberding, P. A. (2012). Antiretroviral treatment of adult HIV infection: 2012 recommendations of the international antiretroviral society-USA panel. *The Journal of the American Medical Association*, 308(4), 387-402. doi:10.1001/jama.2012.7961.
- Trost, K. K., Herbst, J. H., Masters, H. L., & Costa, P. T. (2002). Personality pathways to unsafe sex: Personality, condom use, and HIV risk behaviors. *Journal of Research in Personality*, 36, 117-133.
- Tucker, J. S., Orlando, M., Burnam, M. A., Sherbourne, C. D., Kung, F. Y., & Gifford, A. L. (2004). Psychosocial mediators of antiretroviral nonadherence in HIV positive adults with substance use and mental health problems. *Health Psychology*, 23, 363-370. doi:10.1037/0278-6133.23.4.363

- UK Collaborative Group on HIV Drug Resistance. (2005). Estimating HIV-1 drug resistance in antiretroviral-treated individuals in the United Kingdom. *The Journal of Infectious Diseases*, 192, 967-973.
- United Nation's Children's Fund. (2011). *Opportunity in crisis: Preventing HIV from early adolescence to young adulthood*. New York: Unicef. Retrieved from [http://www.unicef.org/publications/files/Opportunity\\_in\\_Crisis-Report\\_EN\\_052711.pdf](http://www.unicef.org/publications/files/Opportunity_in_Crisis-Report_EN_052711.pdf)
- Villarruz-Sulit, M.V.C., Dans, A.L., & Javelosa, M. A. U. (2009). Measuring satisfaction with nursing care of patients admitted in the medical wards of the Philippine general hospital. *Acta Medica Philipina*, 43(4), 52-56.
- Viseskul, N., Fongkaew, W., Settheekul, S., & Grimes, R. M. (in press). Factors related to sexual self-efficacy among Thai youth living with HIV/AIDS. *Journal of the International Association of Providers in AIDS Care*. doi:10.1177/2325957413488188
- Vuttanont, U., Greenhalgh, T., Griffin, M., & Boynton, P. (2006). "Smart boys" and "sweet girls" – sex education needs in Thai teenagers: A mixed-method study. *Lancet*, 368, 2068-2080. doi:10.1016/S0140-6736(06)69836-X
- Wacharasin, C. (2010). Families suffering with HIV/AIDS: What family nursing interventions are useful to promote healing? *Journal of Family Nursing*, 16(3), 302-21.
- Wagner, G. J. (2002). Predictors of antiretroviral adherence as measured by self-report, electronic monitoring, and medication diaries. *AIDS Patient Care and STDs*, 16, 599-608. doi:10.1089/108729102761882134

- Wagner, G. J., Kanouse, D. E., Goloneli, D., Miller, L. G., Daar, E., & Witt, M. D. (2006). Cognitive-behavioral intervention to enhance adherence to antiretroviral therapy: A randomized controlled trial (CCTG578). *AIDS*, 20, 1295-1302. doi:10.1097/01.aids.0000232238.28415.d2
- Walmsley, S., Bernstein, B., King, M., Arribas, J., Beall, G., Ruane, P., . . . Sun, E. (2002). Lopinavir-ritonavir versus nelfinavir for the initial treatment of HIV infection. *North England Journal of Medicine*, 346, 2039-2046. doi:10.1056/NEJMoa012354
- Wasti, S. P., Simkada, P., Randall, J., Freeman, J. V., & Van Teijlingen, E. (2012). Factors influencing adherence to antiretroviral treatment in Nepal: A mixed-methods study. *PLoS ONE*, 7(5), e35547. doi:10.1371/journal.pone.0035547
- Waters, L., & Nelson, M. (2007). Why do patients fail HIV therapy? *International Journal of Clinical Practice*, 61(6), 983-990. doi:10.1111/j.1742-1241.2007.01383.x
- Wechsberg, W. M., Golin, C., El-Bassel, N., Hopkins, J., & Zule, W. (2012). Current interventions to reduce sexual risk behaviors and crack cocaine use among HIV-infected individuals. *Current HIV/AIDS Report*, 9(4), 385-393. doi:10.1007/s11904-012-0131-y
- Williams, A. (1997). Antiretroviral therapy: Factor associated with adherence. *Journal of the Association of Nurse in AIDS Care*, 8, 18-23.
- Williams, P. L., Storm, D., Montepiedra, G., Nichols, S., Kammerer, B., Sirois, P. A., . . . Malee, K. (2006). Predictors of adherence to antiretroviral medications in children and adolescents with HIV infection. *Pediatrics*, 118(6), 1745-1757.

- Wongboonsin, P. (2008). *Epidemiology of HIV/AIDS in Thailand: From success to a new risk*. Retrieved from [http://www.thaiworld.org/en/thailand\\_monitor/answer.php?question\\_id=715](http://www.thaiworld.org/en/thailand_monitor/answer.php?question_id=715)
- Wood, E. R., Samples, C. L., Melchiono, M. W., & Harris, S. K. (2003). Boston HAPPENS Program: HIV-positive, homeless, and at-risk youth can access care through youth-oriented HIV services. *Seminar in Pediatric Infection Disease*, 14(1), 43-53.
- World Health Organization. (1998). *The world health report: Life in the 21<sup>st</sup> century. A vision for all report of the director general*. Geneva, Switzerland: World Health Organization.
- World Health Organization. (2008). *Antiretroviral drug*. Retrieved from <http://www.who.int/hiv/topics/arv/en/>
- Zalazar, M. V., Vazquez, M., Rojo, M., Aristegui, I., Dorigo, A., & Magneres, M. C. (2011, July). *Factors associated with HAART adherence in adolescents and youth living with HIV in Argentina*. Paper presented at 6<sup>th</sup> IAS Conference on HIV Pathogenesis Treatment and Prevention, Rome, Italy.
- Zuber-Skerrit, O. (2011). *Improving learning and teaching through action learning and action research*. Paper presented at 6<sup>th</sup> IAS Conference on HIV Pathogenesis Treatment and Prevention, Rome, Italy.