

impractical for many reasons. It would be hard to imagine that researchers could solicit a group of volunteers who were not participating to either prove or disprove claims of successful change. Another reason such a study is impractical is that, if Spitzer's study is any indication, it would mean having the control group wait for 3–5 years before having access to treatment. In Spitzer's study, he reports it took an average of 2 years for participants to begin to experience change, and an average of 5 years for 79% of participants to experience a change of orientation. This is far too long to ask a control group to wait for professional services.

These criticisms do point to a legitimate concern. There is a need for studies with improved methodology. This would include a prospective longitudinal design in which participants provide information on sexual behavior, attractions, fantasy, and so on, prior to or in the early stages of therapy, and then tracked over time, so that something as potentially unreliable as memory recall would not play so prominent a role in studies that touch on such a controversial topic.

How ought we, then, understand Spitzer's study? The key to understanding Spitzer's study is to understand what he intended to examine. His intention was to study whether *anyone* had ever experienced a change of sexual orientation. He was not studying how likely it is that someone will experience change of orientation. This is a crucial distinction. Spitzer's study is not a treatment efficacy study, and scientists should not criticize it for failing to provide evidence for that which it was never designed. Critics would do well to make a more accurate comparison of Spitzer's study to the famous studies by Hooker in the 1950s. When Hooker (1957) studied the topic of psychopathology among homosexuals, she asked the question of whether all homosexuals are manifestly disturbed to the extent that a panel of health professionals could distinguish them from heterosexuals. Her study did not prove that all homosexuals are healthy, just as Spitzer did not prove that all homosexuals can change their sexual orientation. But Hooker demonstrated that some homosexuals are as healthy as heterosexuals on various measures of mental health symptoms (Jones & Yarhouse, 2000). Spitzer's study accomplishes something akin to this: whether it is ever possible for a person with a homosexual orientation to report change in the direction of a heterosexual orientation. His study suggests that the answer to this question is "Yes." For those who experience same-sex attraction and do not wish to integrate their experiences of same-sex attraction into a gay identity, for those who have felt disenfranchised within a minority group, this may be a welcome finding. More research is needed to flesh out which variables are better predictors of the likelihood of change,

and it would behoove researchers interested in the scientific study of sexuality to try to answer such complicated questions.

## NOTES

<sup>1</sup>I thank James Cantor, Ph.D., for commenting on an earlier version of this commentary.

<sup>2</sup>Columbia University, New York, New York.

<sup>3</sup>New York State Psychiatric Institute, New York, New York.

<sup>4</sup>Harvard Medical School, Cambridge, Massachusetts.

<sup>5</sup>University of Miami School of Medicine, Miami, Florida.

<sup>6</sup>Mount Sinai School of Medicine, New York, New York.

<sup>7</sup>Federal University of Rio de Janeiro, Rio de Janeiro, Brazil.

<sup>8</sup>Centers for Disease Control and Prevention, Atlanta, Georgia.

<sup>9</sup>Hunter College, New York, New York.

<sup>10</sup>Cardozo School of Law, New York, New York.

## REFERENCES

- Abel, G. G., Osborn, C., Anthony, D., & Gardos, P. (1992). Current treatment of paraphiliacs. *Annual Review of Sex Research*, 3, 255–290. [Krueger]
- American Academy of Pediatrics. (1983). Policy statement. Homosexuality and adolescence. *Pediatrics*, 92, 631–634. [Worthington]
- American Psychiatric Association. (1952). *Diagnostic and statistical manual: Mental disorders*. Washington, DC: Author. [Friedman]
- American Psychiatric Association. (1968). *Diagnostic and statistical manual of mental disorders* (2nd ed.). Washington, DC: Author. [Drescher, Friedman]
- American Psychiatric Association. (1980). *Diagnostic and statistical manual of mental disorders* (3rd ed.). Washington, DC: Author. [Drescher]
- American Psychiatric Association. (1987). *Diagnostic and statistical manual of mental disorders* (3rd ed., Rev.). Washington, DC: Author. [Drescher]
- American Psychiatric Association. (1999). Position statement on psychiatric treatment and sexual orientation. *American Journal of Psychiatry*, 156, 1131. [Worthington]
- American Psychiatric Association. (2000). Position statement on therapies focused on attempts to change sexual orientation (Reparative or conversion therapies). *American Journal of Psychiatry*, 157, 1719–1721. [Bancroft, Drescher, Friedman, Vasey/Rendall, Worthington]
- American Psychological Association. (1998a). Proceedings of the American Psychological Association, Incorporated, for the Legislative Year 1997. Minutes of the annual meeting of the Council of Representatives August 14 and 17, 1997, Chicago, IL, and Minutes of the June, August, and December 1997 meetings of the Board of Directors. *American Psychologist*, 53, 882–939. [Worthington]
- American Psychological Association. (1998b). *Answers to your questions about sexual orientation and homosexuality*. Washington, DC: Author. [Worthington]
- American Psychological Association. (2002). Ethical principles of psychologists and code of conduct. *American Psychologist*, 57, 1060–1073. [Carlson]

- Bailey, J. M. (1995). Biological perspectives on sexual orientation. In A. R. D'Augelli & C. J. Patterson (Eds.), *Lesbian, gay, and bisexual identities over the life span* (pp. 102–135). New York: Oxford University Press. [Diamond]
- Baker, J. A. (1993). Is homophobia hazardous to lesbian and gay health? *American Journal of Health Promotion*, 7, 255–256, 262. [Wainberg et al.]
- Bancroft, J. (1974). *Deviant sexual behavior: Modification and assessment*. Oxford, England: Oxford University Press. [Bancroft]
- Bancroft, J. (1975). Homosexuality and the medical profession: A behaviorist's view. *Journal of Medical Ethics*, 1, 176–180. [Bancroft]
- Bancroft, J. (1989). *Human sexuality and its problems*. Edinburgh, Scotland: Churchill Livingstone. [Bancroft]
- Bancroft, J. (1994). Homosexual orientation: The search for a biological basis. *British Journal of Psychiatry*, 164, 437–440. [Bancroft]
- Baumeister, R. F. (2000). Gender differences in erotic plasticity: The female sex drive as socially flexible and responsive. *Psychological Bulletin*, 126, 347–374. [Diamond, Friedman]
- Bayer, R. (1981). *Homosexuality and American psychiatry: The politics of diagnosis*. New York: Basic Books. [Bancroft, Drescher, Worthington]
- Beckstead, A. L. (1999). "Gay is not me": *Seeking congruence through sexual reorientation therapy*. Unpublished master's thesis, University of Utah, Salt Lake City, UT. [Beckstead]
- Beckstead, A. L. (2001a). Cures versus choices: Agendas in sexual reorientation therapy. *Journal of Gay and Lesbian Psychotherapy*, 5(3/4), 87–115. [Beckstead]
- Beckstead, A. L. (2001b). *The process toward self-acceptance and self-identity of individuals who underwent sexual reorientation therapy*. Unpublished doctoral dissertation, University of Utah, Salt Lake City, UT. [Beckstead]
- Beckstead, A. L., & Morrow, S. L. (2003). *Clients' experiences of conversion therapy: The need for a new treatment model*. Manuscript submitted for publication. [Beckstead]
- Bedard, L. E., & Gertz, M. G. (2001). Differences in community standards for the viewing of heterosexual and homosexual pornography. *International Journal of Public Opinion Research*, 12, 324–332. [Wainberg et al.]
- Bell, A. P., Weinberg, M. S., & Hammersmith, S. K. (1981). *Sexual preference: Its development in men and women*. Bloomington, IN: Indiana University Press. [Rind, Yarhouse]
- Bem, D. J. (1996). Exotic becomes erotic: A developmental theory of sexual orientation. *Psychological Review*, 103, 320–335. [Diamond, Nicolosi]
- Benotsch, E. G., Kalichman, S. C., & Kelly, J. A. (1999). Sexual compulsivity and substance use in HIV-seropositive men who have sex with men: Prevalence and predictors of high-risk behaviors. *Addictive Behaviors*, 24, 857–868. [Krueger]
- Bieber, I., Dain, H. J., Dince, P. R., Drelllich, M. G., Grand, H. G., Gundlach, R. H., et al. (1962). *Homosexuality: A psychoanalytic study of male homosexuals*. New York: Basic Books. [Friedman]
- Birk, L. (1974). Group psychotherapy for men who are homosexual. *Journal of Sex and Marital Therapy*, 1, 29–52. [Yarhouse]
- Blackwood, E. (2000). Culture and women's sexualities. *Journal of Social Issues*, 56, 223–238. [Diamond]
- Blumstein, P. W., & Schwartz, P. (1976a). Bisexuality in women. *Archives of Sexual Behavior*, 5, 171–181. [Rodríguez Rust, Strassberg]
- Blumstein, P. W., & Schwartz, P. (1976b). Bisexuality in men. *Urban Life*, 5, 339–358. [Rodríguez Rust]
- Blumstein, P. W., & Schwartz, P. (1977). Bisexuality: Some social psychological issues. *Journal of Social Issues*, 33(2), 30–45. [Rodríguez Rust]
- Blumstein, P. W., & Schwartz, P. (1993). Bisexuality: Some social psychological issues. In L. D. Garnets & G. C. Kimmel (Eds.), *Psychological perspectives on lesbian and gay male experiences* (pp. 168–183). New York: Columbia University Press. [Strassberg]
- Bohan, J. S. (1996). *Psychology and sexual orientation: Coming to terms*. New York: Routledge. [Carlson]
- Brotman, S., Ryan, B., Jalbert, Y., & Rowe, B. (2002). The impact of coming out on health and health care access: The experiences of gay, lesbian, bisexual and two-spirit people. *Journal of Health and Social Policy*, 15, 1–29. [Wainberg et al.]
- Brown, N. R., & Sinclair, R. C. (1999). Estimating number of lifetime sexual partners: Men and women do it differently. *Journal of Sex Research*, 36, 292–297. [Hill/DiClementi]
- Byne, W., & Parsons, B. (1993). Human sexual orientation: The biologic theories reappraised. *Archives of General Psychiatry*, 50, 228–239. [Byrd]
- Byne, W., Schuklenk, U., Lasco, M., & Drescher, J. (2002). The origins of sexual orientation: No genetic link to social change. In J. S. Alper, C. Ard, A. Asch, J. Beckwith, P. Conrad, & L. N. Geller (Eds.), *The double-edged helix: Social implications of genetics in a diverse society* (pp. 197–214). Baltimore, MD: Johns Hopkins University Press. [Drescher]
- Byrd, A. D., & Nicolosi, J. (2002). A meta-analytic review of treatment of homosexuality. *Psychological Reports*, 90, 1139–1152. [Byrd]
- Cass, V. C. (1996). Sexual orientation identity formation: A Western phenomenon. In R. P. Cabaj & T. S. Stein (Eds.), *Textbook of homosexuality and mental health* (pp. 227–251). Washington, DC: American Psychiatric Press. [Rodríguez Rust]
- Catania, J. A. (1999). A framework for conceptualizing reporting bias and its antecedents in interviews assessing human sexuality. *Journal of Sex Research*, 36, 25–38. [Hill/DiClementi]
- Charboneau, C., & Lander, P. S. (1991). Redefining sexuality: Women becoming lesbian in midlife. In B. Sang, J. Warsaw, & A. Smith (Eds.), *Lesbians at midlife: The creative transition* (pp. 35–43). San Francisco: Spinsters Book. [Strassberg]
- Chivers, M. L. (2000). *Genital and subjective sexual arousal in heterosexual, bisexual, and lesbian women*. Unpublished master's thesis, Northwestern University, Evanston, IL. [Beckstead]
- Cochran, S. D., & Mays, V. M. (2000). Lifetime prevalence of suicide symptoms and affective disorders among men reporting same-sex sexual partners: Results from NHANES III. *American Journal of Public Health*, 90, 573–578. [Wainberg et al.]
- Cohen, K. M. (1999). *The biology of male sexual orientation: Relationship among homoeroticism, childhood sex-atypical behavior, spatial ability, handedness, and pubertal timing*. Unpublished doctoral dissertation, University of Detroit Mercy, Detroit, MI. [Cohen/Savin-Williams]
- Cohen, R. (1998a). Voir dire testimony taken before the Honorable Carolyn Jefferson, Judge, State of Louisiana, Civil District Court for the Parish of Orleans, CDC No. 94–9260, Section 5, Division A, Friday, October 30. [Drescher]
- Cohen, R. (1998b). Testimony taken before the Honorable Carolyn Jefferson, Judge, State of Louisiana, Civil District Court for the Parish of Orleans, CDC No. 94–9260, Section 5, Division A, Friday, October 30. [Drescher]
- Coleman, E. (1982). Developmental stages of the coming-out process. *Journal of Homosexuality*, 7(3), 41–43. [Beckstead, Rodríguez Rust]
- Coleman, E. (1987). The assessment of sexual orientation. *Journal of Homosexuality*, 14(1), 9–24. [Beckstead]
- Conrad, S. R., & Wincze, J. P. (1976). Orgasmic reconditioning: A controlled study of its effects upon the sexual arousal and behavior of adult male homosexuals. *Behavior Therapy*, 7, 155–166. [Beckstead]
- Cozby, P. C. (2001). *Methods in behavioral research* (7th ed.). Mountain View, CA: Mayfield Publishing. [Carlson]
- Crawford, J., Kippax, S., Rodden, P., Donohoe, S., & Van de Ven, P. (1998). *Malecall 96: National Telephone Survey of Men who Have Sex with Men*. Sydney: National Centre in HIV Social Research. [Wainberg et al.]
- Crawford, M., & Unger, R. K. (2000). *Women and gender: A feminist psychology* (3rd ed.). San Francisco, CA: McGraw Hill. [Carlson]
- Dawson, J. L. M. B. (1977). Alaskan Eskimo hand, eye, auditory dominance and cognitive style. *Psychologia*, 20, 121–135. [Vasey/Rendall]

- Diamond, L. M. (2000). Sexual identity, attractions, and behavior among young sexual-minority women over a 2-year period. *Developmental Psychology*, 36, 241–250. [Byrd, Diamond, Nicolosi, Rodríguez Rust, Strassberg]
- Diamond, L. M. (2003a). Was it a phase? Young women's relinquishment of lesbian/bisexual identities over a 5-year period. *Journal of Personality and Social Psychology*, 84, 352–364. [Cohen/Savin-Williams]
- Diamond, L. M. (2003b). What does sexual orientation orient? A biobehavioral model distinguishing romantic love and sexual desire. *Psychological Review*, 110, 173–192. [Diamond]
- Diamond, L. M., & Savin-Williams, R. C. (2000). Explaining diversity in the development of same-sex sexuality among young women. *Journal of Social Issues*, 56, 297–313. [Diamond]
- Dixon, J. K. (1984). The commencement of bisexual activity in swinging married women over age thirty. *Journal of Sex Research*, 20, 71–90. [Rodríguez Rust]
- Drescher, J. (2002a). Sexual conversion ("reparative") therapies: A history and update. In B. E. Jones & M. J. Hill (Eds.), *Review of psychiatry* (Vol. 21, pp. 71–91). Washington, DC: American Psychiatric Press. [Drescher]
- Drescher, J. (2002b). Ethical issues in treating gay and lesbian patients. *Psychiatric Clinics of North America*, 25, 605–621. [Drescher]
- Dreyfuss, R. (1999, March 18). The holy war on gays. *Rolling Stone*, pp. 38–41. [Drescher]
- Duberman, M. (1991). *Cures: A gay man's odyssey*. New York: Dutton. [Friedman, Vasey/Rendall]
- Dunne, M. P., Bailey, J. M., Kirk, K. M., & Martin, N. G. (2000). The subtlety of sex-atypicality. *Archives of Sexual Behavior*, 29, 549–565. [McConaghy]
- Dunn-Rankin, P. (1983). *Scaling methods*. Hillsdale, NJ: Erlbaum. [Hershberger]
- Ekstrand, M. L., Coates, T. J., Guydish, J. R., Hauck, W. W., Collette, L., & Hulley, S. B. (1994). Are bisexually identified men in San Francisco a common vector for spreading HIV infection to women? *American Journal of Public Health*, 84, 915–919. [Rodríguez Rust]
- Ellis, A. L., & Mitchell, R. W. (2000). Sexual orientation. In L. T. Szuchman & F. Muscarella (Eds.), *Psychological perspectives on human sexuality* (pp. 196–231). New York: Wiley. [Worthington]
- Ellis, H. (1915). *Studies in the psychology of sex: Vol. 2. Sexual inversion*. Philadelphia: Davis. [Bancroft]
- Ellis, L. (1996). The role of perinatal factors in determining sexual orientation. In R. C. Savin-Williams & K. M. Cohen (Eds.), *The lives of lesbians, gays, and bisexuals: Children to adults* (pp. 35–70). Fort Worth, TX: Harcourt Brace. [Diamond]
- Fassinger, R. E., & Miller, B. A. (1996). Validation of an inclusive model of sexual minority identity formation on a sample of gay men. *Journal of Homosexuality*, 32, 53–78. [Worthington]
- Fergusson, D. M., Horwood, L. J., & Beautrais, A. L. (1999). Is sexual orientation related to mental health problems and suicidality in young people? *Archives of General Psychiatry*, 56, 876–880. [Wainberg et al.]
- Festinger, L. (1957). *A theory of cognitive dissonance*. Stanford, CA: Stanford University Press. [Rind]
- Ford, C. S., & Beach, F. A. (1951). *Patterns of sexual behavior*. New York: Harper & Row. [Rind]
- Freeman, W., & Meyer, R. G. (1975). A behavioral alteration of sexual preferences in the human male. *Behavior Therapy*, 6, 206–212. [Yarhouse]
- French, S. A., Story, M., Remafedi, G., Resnick, M. D., & Blum, R. W. (1996). Sexual orientation and prevalence of body dissatisfaction and eating disordered behaviors: A population-based study of adolescents. *International Journal of Eating Disorders*, 19, 119–126. [Diamond]
- Freund, K. (1960). Some problems in the treatment of homosexuality. In H. J. Eysenck (Ed.), *Behavior therapy and the neuroses* (pp. 312–326). Oxford: Pergamon Press. [Beckstead, McConaghy]
- Freund, K. (1963). A laboratory method of diagnosing predominance of homo- or hetero-erotic interest in the male. *Behaviour Research and Therapy*, 17, 451–457. [Byrd, Friedman]
- Freund, K. (1971). A note on the use of the phallometric method of measuring mild sexual arousal in the male. *Behavioral Therapy*, 2, 223–228. [Byrd, Friedman]
- Freund, K. (1974). Male homosexuality: An analysis of the pattern. In J. A. Loraine (Ed.), *Understanding homosexuality: Its biological and psychological bases* (pp. 26–81). Lancaster, England: Medical and Technical Publishing. [Beckstead]
- Freund, K. (1977). Psychophysiological assessment of change in erotic preferences. *Behaviour Research and Therapy*, 15, 297–301. [Beckstead]
- Friedman, R. C. (1988). *Male homosexuality: A contemporary psychoanalytic perspective*. New Haven, CT: Yale University Press. [Friedman]
- Friedman, R. C., & Downey, J. I. (1993). Neurobiology and sexual orientation: Current relationships. *Journal of Neuropsychiatry*, 5, 131–153. [Byrd]
- Friedman, R. C., & Downey, J. I. (2002). *Sexual orientation and psychoanalysis: Sexual science and clinical practice*. New York: Columbia University Press. [Friedman, Vasey/Rendall]
- Garnets, L. D., Herek, G. M., & Levy, B. (1990). Violence and victimization of lesbians and gay men: Mental health consequences. *Journal of Interpersonal Violence*, 5, 366–383.
- Garofalo, R., & Katz, E. (2001). Health care issues of gay and lesbian youth. *Current Opinion in Pediatrics*, 13, 298–302. [Wainberg et al.]
- Garofalo, R., Wolf, R. C., Wissow, L. S., Woods, E. R., & Goodman, E. (1999). Sexual orientation and risk of suicide attempts among a representative sample of youth. *Archives of Pediatrics and Adolescent Medicine*, 153, 487–493. [Diamond, Wainberg et al.]
- Giallombardo, R. (1966). *Society of women: A study of a women's prison*. New York: Wiley. [Rodríguez Rust]
- Goffman, E. (1959). *The presentation of self in everyday life*. Garden City, NY: Doubleday. [Rind]
- Golden, C. (1987). Diversity and variability in women's sexual identities. In Boston Lesbian Psychologies Collective (Ed.), *Lesbian psychologies: Explorations and challenges* (pp. 19–34). Urbana, IL: University of Illinois Press. [Diamond]
- Gonsiorek, J. C., & Weinrich, J. D. (Eds.). (1991). *Homosexuality: Research implications for public policy*. Newbury Park, CA: Sage. [Friedman]
- Greenberg, D. F. (1988). *The construction of homosexuality*. Chicago: University of Chicago Press. [Rind]
- Guttman, L. (1947). The Cornell technique for scale and intensity analysis. *Educational and Psychological Measurement*, 7, 247–280. [Hershberger]
- Haldeman, D. C. (1994). The practice and ethics of sexual orientation conversion therapy. *Journal of Consulting and Clinical Psychology*, 62, 221–227. [Yarhouse]
- Haldeman, D. C. (2000, August). *Gay rights, patients rights: The implementations of sexual orientation conversion therapy*. Paper presented at the meeting of the American Psychological Association, Washington, DC. [Byrd, Nicolosi]
- Haldeman, D. C. (2001). Therapeutic antidotes: Helping gay and bisexual men recover from conversion therapies. *Journal of Gay and Lesbian Psychotherapy*, 5(3/4), 117–130. [Herek, Vasey/Rendall]
- Halpern, D. F., Gilbert, R., & Coren, S. (1996). PC or not PC? Contemporary challenges to unpopular research findings. *Journal of Social Distress and the Homeless*, 5, 251–271. [Byrd]
- Hamer, D., & Copeland, P. (1994). *The science of desire: The search for the gay gene and the biology of behavior*. New York: Simon and Schuster. [Byrd]
- Harry, J. (1986). Sampling gay men. *Journal of Sex Research*, 22, 21–34. [Cohen/Savin-Williams]
- Hart, J. E. (2001). Gay men: Grieving the effects of homophobia. In D. A. Lund (Ed.), *Men coping with grief* (pp. 65–84). Amityville, NY: Baywood Publishing. [Wainberg et al.]

- Hatterer, L. (1970). *Changing heterosexuality in the male: Treatment for men troubled by homosexuality*. New York: McGraw-Hill. [Yarhouse]
- Hausman, K. (2001, December 21). Finland's Parliament assesses U.S. reparative-therapy study. *Psychiatric News*, 36(24), 11. [Drescher]
- Herek, G. (1996). Heterosexism and homophobia. In R. P. Cabaj & T. S. Stein (Eds.), *Textbook of homosexuality and mental health* (pp. 101–115). Washington, DC: American Psychiatric Press. [Friedman]
- Herrell, R., Goldberg, J., True, W. R., Ramakrishnan, V., Lyons, M., Eisen, S., et al. (1999). Sexual orientation and suicidality: A co-twin control study in adult men. *Archives of General Psychiatry*, 56, 867–874. [Wainberg et al.]
- Hershberger, S. L., & D'Augelli, A. R. (1995). The impact of victimization on the mental health and suicidality of lesbian, gay, and bisexual youths. *Developmental Psychology*, 31, 65–74. [Wainberg et al.]
- Holden, R. R., & Jackson, D. N. (1981). Subtlety, information, and faking effects in personality assessment. *Journal of Clinical Psychology*, 37, 379–386. [Hill/DiClementi]
- Hooker, E. (1957). The adjustment of the male overt homosexual. *Journal of Projective Techniques*, 21, 18–31. [Friedman, Yarhouse]
- Isay, R. A. (1989). *Being homosexual: Gay men and their development*. New York: Farrar, Straus, Giroux. [Friedman]
- Jacoby, L. L., Lindsay, D. S., & Toth, J. P. (1992). Unconscious influences revealed: Attention, awareness, and control. *American Psychologist*, 47, 802–809. [Herek]
- Johansson, W. (1990). Kadesh. In W. Dynes, W. Johansson, & W. Percy (Eds.), *The encyclopedia of homosexuality* (Vol. 1, pp. 653–656). New York: Garland Publishers. [Rind]
- Jones, S. L., & Yarhouse, M. A. (2000). *Homosexuality: The use of scientific research in the church's moral debate*. Downers Grove, IL: InterVarsity Press. [Yarhouse]
- Kahneman, D., & Tversky, A. (1973). On the psychology of prediction. *Psychological Review*, 80, 237–251. [Hill/DiClementi]
- Kalichman, S. C., Greenberg, J., & Abel, G. G. (1997). HIV-seropositive men who engage in high-risk sexual behavior: Psychological characteristics and implications for prevention. *AIDS Care*, 9, 441–450. [Krueger]
- Kilmartin, C. T. (2000). *The masculine self* (2nd ed.). San Francisco, CA: McGraw Hill. [Carlson]
- Kinnish, K. K., & Strassberg, D. S. (2002, June). *Gender differences in the flexibility of sexual orientation: A multidimensional retrospective assessment*. Poster session presented at the meeting of the International Academy of Sex Research, Hamburg, Germany. [Strassberg]
- Kinsey, A. C., Pomeroy, W. B., & Martin C. E. (1948). *Sexual behavior in the human male*. Philadelphia: W. B. Saunders. [Bancroft, Diamond, Rind]
- Kitzinger, C., & Wilkinson, S. (1995). Transitions from heterosexuality to lesbianism: The discursive production of lesbian identities. *Developmental Psychology*, 31, 95–104. [Strassberg]
- Krajeski, J. (1996). Homosexuality and the mental health professions. In R. P. Cabaj & T. S. Stein (Eds.), *Textbook of homosexuality and mental health* (pp. 17–31). Washington, DC: American Psychiatric Press. [Drescher]
- Kuban, M., Barbaree, H. E., & Blanchard, R. (1999). A comparison of volume and circumference phallometry: Response magnitude and method agreement. *Archives of Sexual Behavior*, 28, 345–359. [Beckstead]
- Kumar, B., & Ross, M. W. (1991). Sexual behaviour and HIV infection risks in Indian homosexual men: A cross-cultural comparison. *International Journal of STD and AIDS*, 2, 442–444. [Wainberg et al.]
- Laumann, E. O., Gagnon, J. H., Michael, R. T., & Michaels, S. (1994). *The social organization of sexuality: Sexual practices in the United States*. Chicago: University of Chicago Press. [Diamond, McConaghy, Rodríguez Rust]
- LeVay, S. (1996). *Queer science*. Cambridge, MA: MIT Press. [Byrd]
- LeVay, S. (2000). *Sexual orientation: The science and its social impact*. Retrieved April 3, 2001, from <http://members.aol.com/hta/slevay/page12.htm> [Byrd]
- Levine, L. J., & Safer, M. A. (2002). Sources of bias in memory for emotions. *Current Directions in Psychological Science*, 11, 169–173. [Herek]
- Lund, S., & Renna, C. (in press). An analysis of the media response to the Spitzer study. *Journal of Gay and Lesbian Psychotherapy*. [Drescher]
- MacCulloch, M. J., & Feldman, M. P. (1967). Aversion therapy in the management of 43 homosexuals. *British Medical Journal*, 2, 594–597. [Bancroft, Yarhouse]
- MacIntosh, H. (1994). Attitudes and experiences of psychoanalysts in analyzing homosexual patients. *Journal of the American Psychoanalytic Association*, 42, 1183–1207. [Yarhouse]
- Malyon, A. K. (1982). Psychotherapeutic implications of internalized homophobia in gay men. *Journal of Homosexuality*, 7, 59–69. [Friedman]
- Maniaci, T., & Rzeznik, F. M. (1993). *One nation under God* [Motion picture]. (Available from 3Z/Hourglass Productions, Inc. New York, NY) [Vasey/Rendall]
- Marmor, J. (1980). *Homosexual behavior: A modern reappraisal*. New York: Basic Books. [Diamond, Friedman]
- Martin, D. W. (2000). *Doing psychology experiments* (5th ed.). Belmont, CA: Wadsworth. [Carlson]
- Masters, W. H., & Johnson, V. E. (1979). *Homosexuality in perspective*. Boston: Little, Brown. [Worthington]
- McCaghy, C. H., & Skipper, J. K., Jr. (1969). Lesbian behavior as an adaptation to the occupation of stripping. *Social Problems*, 17, 262–270. [Rodríguez Rust]
- McCarn, S. R., & Fassinger, R. E. (1996). Revisioning sexual minority identity formation: A new model of lesbian identity and its implications for counseling and research. *The Counseling Psychologist*, 24, 508–534. [Worthington]
- McConaghy, N. (1970). Subjective and penile plethysmograph responses to aversion therapy for homosexuality: A follow-up study. *British Journal of Psychiatry*, 117, 555–560. [McConaghy, Yarhouse]
- McConaghy, N. (1975). Aversive and positive conditioning treatments of homosexuality. *Behaviour Research and Therapy*, 13, 309–319. [McConaghy]
- McConaghy, N. (1993). *Sexual behavior: Problems and management*. New York: Plenum. [McConaghy]
- McConaghy, N. (1999). Unresolved issues in scientific sexology. *Archives of Sexual Behavior*, 28, 285–318. [Cohen/Savin-Williams]
- McConaghy, N., Armstrong, M. S., & Blaszczyński, A. (1985). Expectancy, covert sensitization and imaginal desensitization in compulsive sexuality. *Acta Psychiatrica Scandinavica*, 72, 176–187. [McConaghy]
- McConaghy, N., & Barr, R. F. (1973). Classical, avoidance and backward conditioning treatments of homosexuality. *British Journal of Psychiatry*, 122, 151–162. [McConaghy]
- McConaghy, N., Proctor, D., & Barr, R. F. (1972). Subjective and penile plethysmography responses to aversion therapy for homosexuality: A partial replication. *Archives of Sexual Behavior*, 2, 65–78. [McConaghy]
- McDaniel, J. S., Purcell, D., & D'Augelli, A. R. (2001). The relationship between sexual orientation and risk for suicide: Research findings and future directions for research and prevention. *Suicide and Life-Threatening Behavior*, 31(Suppl.), 84–105. [Cohen/Savin-Williams, Wainberg et al.]
- McWhirter, D., & Mattison, A. (1984). *The male couple: How relationships develop*. Englewood Cliffs, NJ: Prentice-Hall. [Nicolosi]
- Meston, C. M., Heiman, J. R., Trapnell, P. D., & Paulhus, D. L. (1998). Socially desirable responding and sexuality self-reports. *Journal of Sex Research*, 35, 148–157. [Hill/DiClementi]
- Meyer, I. H., & Dean, L. (1998). Internalized homophobia, intimacy, and sexual behavior among gay and bisexual men. In G. M. Herek (Ed.),

- Stigma and sexual orientation: Understanding prejudice against lesbians, gay men, and bisexuals* (pp. 160–186). Thousand Oaks, CA: Sage. [Hill/DiClementi]
- Moberly, E. (1983). *Homosexuality: A new Christian ethic*. Greenwood, SC: Attic Press. [Nicolosi]
- Munzer, J. (1965). Treatment of the homosexual in group psychotherapy. *Topical Problems of Psychotherapy*, 5, 164–169. [Yarhouse]
- Murphy, T. F. (1992). Redirecting sexual orientation: Techniques and justifications. *Journal of Sex Research*, 29, 501–523. [Worthington]
- Murray, B. (2001). Same office, different aspirations. *Monitor on Psychology*, 32(11), 20. [Byrd]
- Murray, S. O. (2000). *Homosexualities*. Chicago: University of Chicago Press. [Diamond]
- Myers, D. G. (2000). *Exploring social psychology* (2nd ed.). Boston: McGraw Hill. [Rind]
- National Association of Social Work. (1997). *Social work speaks: National Association of Social Work Policy Statements*. Washington, DC: NASW Press. [Worthington]
- Naz Foundation. (2000). *Sexual health of males in South Asia who have sex with other males: Results of situational assessments in four cities in India and Bangladesh*. London: Author. [Wainberg et al.]
- Nicolosi, J. (1991). *Reparative therapy of male homosexuality*. Northvale, NJ: Jason Aronson. [Friedman, Nicolosi, Worthington]
- Nicolosi, J. (1993). *Case stories of reparative therapy*. Northvale, NJ: Aronson. [Nicolosi]
- Nicolosi, J. (2000, February 4). [Letter to the editor]. *Psychiatric News*, 35(3), 13, 25. [Drescher]
- Nicolosi, J., & Byrd, A. D. (2000). Beliefs and practices of therapists who practice sexual reorientation psychotherapy. *Psychological Reports*, 86, 689–702. [Byrd]
- Nicolosi, J., & Byrd, A. D. (2002). A critique of Bem's "exotic becomes erotic" theory of sexual orientation development. *Psychological Reports*, 90, 931–946. [Nicolosi]
- Nicolosi, J., Byrd, A. D., & Potts, R. W. (2000). Retrospective self-reports of changes in homosexual orientation: A consumer survey of conversion therapy clients. *Psychological Reports*, 86, 1071–1088. [Byrd]
- Nicolosi, L. A. (2001). *Historic gay advocate now believes change is possible*. Retrieved March 13, 2003, from National Association for Research and Treatment of Homosexuality <http://www.narth.com/docs/spitzer3.html> [Drescher, Worthington]
- Nisbett, R. E., & Wilson, T. D. (1977). Telling more than we can know: Verbal reports on mental processes. *Psychological Review*, 84, 231–259. [Herek]
- Nuremberg Code. (1949). *Trials of war criminals before the Nuremberg military tribunals under control council law*. Washington, DC: U.S. Government Printing Office. [Wainberg et al.]
- Pattatucci, A. M. L., & Hamer, D. H. (1995). Development and familiarity of sexual orientation in females. *Behavior Genetics*, 25, 407–420. [Diamond]
- Payne, M. A. (1987). Impact of cultural pressures on self-reports of actual and approved hand use. *Neuropsychologia*, 25, 247–258. [Vasey/Rendall]
- Pillard, R. C. (1990). The Kinsey scale: Is it familial? In D. P. McWhirter, S. A. Sanders, & J. M. Reimisch (Eds.), *Homosexuality/heterosexuality: Concepts of sexual orientation* (pp. 88–100). New York: Oxford University Press. [Rodríguez Rust]
- Pittman, F., & DeYoung, C. (1971). The treatment of homosexuals in heterogeneous groups. *International Journal of Group Psychotherapy*, 21, 62–73. [Yarhouse]
- Plummer, D. (1995). Homophobia and health: Unjust, anti-social, harmful and endemic. *Health Care Analysis*, 3, 150–156. [Wainberg et al.]
- Ragins, B. R., & Cornwell, J. M. (2001). Pink triangles: Antecedents and consequences of perceived workplace discrimination against gay and lesbian employees. *Journal of Applied Psychology*, 86, 1244–1261. [Wainberg et al.]
- Redding, R. E. (2001). Sociopolitical diversity in psychology. *American Psychologist*, 56, 205–215. [Byrd]
- Remafedi, G. (1999a). Sexual orientation and youth suicide. *Journal of the American Medical Association*, 282, 1291–1292. [Wainberg et al.]
- Remafedi, G. (1999b). Suicide and sexual orientation: Nearing the end of controversy? *Archives of General Psychiatry*, 56, 885–886. [Wainberg et al.]
- Remafedi, G. (2002). Suicidality in a venue-based sample of young men who have sex with men. *Journal of Adolescent Health*, 31, 305–310. [Wainberg et al.]
- Remafedi, G., French, S., Story, M., Resnick, M. D., & Blum, R. (1998). The relationship between suicide risk and sexual orientation: Results of a population-based study. *American Journal of Public Health*, 88, 57–60. [Wainberg et al.]
- Robinson, P. (1976). *The modernization of sex*. New York: Harper & Row. [Bancroft]
- Rosario, M., Meyer-Bahlburg, H. F. L., Hunter, J., Exner, T. M., Gwadz, M., & Keller, A. M. (1996). The psychosexual development of urban lesbian, gay, and bisexual youths. *Journal of Sex Research*, 33, 113–126. [Rodríguez Rust]
- Rosik, C. H. (2003). Motivational, ethical, and epistemological foundations in the clinical treatment of unwanted homoerotic attraction. *Journal of Marital and Family Therapy*, 29, 13–28. [Byrd, Nicolosi]
- Ross, M. (1989). Relation of implicit theories to the construction of personal histories. *Psychological Review*, 96, 341–357. [Herek]
- Rust, P. C. (1992). The politics of sexual identity: Sexual attraction and behavior among lesbian and bisexual women. *Social Problems*, 39, 366–386. [Diamond, Rodríguez Rust]
- Rust, P. C. (1993). 'Coming out' in the age of social constructionism: Sexual identity formation among lesbian and bisexual women. *Gender and Society*, 7, 50–77. [Rodríguez Rust]
- Rust, P. C. (1996a). Finding a sexual identity and community: Therapeutic implications and cultural assumptions in scientific models of coming out. In E. D. Rothblum & L. A. Bond (Eds.), *Preventing heterosexism and homophobia* (pp. 87–123). Thousand Oaks, CA: Sage. [Rodríguez Rust]
- Rust, P. C. (1996b). Sexual identity and bisexual identities: The struggle for self-description in a changing sexual landscape. In B. Beemyn & M. Eliason (Eds.), *Queer studies: A lesbian, gay, bisexual, and transgender anthology* (pp. 64–86). New York: New York University Press. [Rodríguez Rust]
- Rust, P. C. (2001). Make me a map: Bisexual men's images of bisexual community. *Journal of Bisexuality*, 1(2/3), 47–108. [Rodríguez Rust]
- Rust, P. C. R. (2000a). *Bisexuality in the United States: A social science reader*. New York: Columbia University Press. [Rodríguez Rust]
- Rust, P. C. R. (2000b). Bisexuality: A contemporary paradox for women. *Journal of Social Issues*, 56, 205–221. [Rodríguez Rust]
- Sandfort, T. G. M. (1997). Sampling male homosexuality. In J. Bancroft (Ed.), *Researching sexual behavior: Methodological issues* (pp. 261–275). Bloomington, IN: Indiana University Press. [Cohen/Savin-Williams]
- Sarason, S. B. (1986). And what is the public interest? *American Psychologist*, 41, 899–905.
- Savin-Williams, R. C. (1995). An exploratory study of pubertal maturation timing and self-esteem among gay and bisexual male youths. *Developmental Psychology*, 31, 56–64. [Rodríguez Rust]
- Savin-Williams, R. C., & Ream, G. L. (in press). Suicide attempts among sexual-minority male youth. *Journal of Clinical Child and Adolescent Psychology*. [Cohen/Savin-Williams]
- Schaeffer, K. W., Hyde, R. A., Kroencke, T., McCormick, B., & Nottebaum, L. (2000). Religiously-motivated sexual orientation change. *Journal of Psychology and Christianity*, 19, 61–70. [Yarhouse]
- Schaeffer, K. W., Nottebaum, L., Smith, P., Dech, K., & Krawczyk, J. (1999). Religiously-motivated sexual orientation change: A follow-up study. *Journal of Psychology and Theology*, 27, 329–337. [Yarhouse]

- Schwartz, M. F., & Masters, W. H. (1984). The Masters and Johnson treatment program for dissatisfied homosexual men. *American Journal of Psychiatry*, 141, 173–181. [Yarhouse]
- Schwartz, P., & Blumstein, P. (1998). The acquisition of sexual identity: Bisexuality. In E. J. Haeberle & R. Gindorf (Eds.), *Bisexualities: The ideology and practice of sexual contact with both men and women* (pp. 182–212). New York: Continuum. [Rodríguez Rust]
- Shidlo, A., & Schroeder, M. (2002). Changing sexual orientation: A consumers' report. *Professional Psychology: Research and Practice*, 33, 249–259. [Beckstead, Drescher, Herek, Wainberg et al., Yarhouse]
- Shidlo, A., Schroeder, M., & Drescher, J. (Eds.). (2001). *Sexual conversion therapy: Ethical, clinical and research perspectives*. Binghamton, NY: The Haworth Medical Press. [Drescher]
- Smith, M. L., & Glass, G. V. (1977). Meta-analysis of psychotherapy outcome studies. *American Psychologist*, 32, 752–760. [Rind]
- Socarides, C. (1993). District Court, City and County of Denver, Colorado. Case No. 92 CV 7223. Affidavit of Charles W. Socarides, M.D., Evans. v. Romer. [Drescher]
- Socarides, C. W. (1994, July 5). The erosion of heterosexuality. *The Washington Times*. [Drescher]
- Socarides, C. W. (1995). *Homosexuality: A freedom too far*. Phoenix, AZ: Adam Margrave Books. [Drescher]
- Socarides, C. W. (1978). *Homosexuality*. New York: Jason Aronson. [Friedman]
- Socarides, C. W. (2002). Advances in the psychoanalytic theory and therapy of homosexuality. In C. W. Socarides & A. Freedman (Eds.), *Objects of desire: The sexual deviations* (pp. 3–40). Westport, CT: International Universities Press. [Nicolosi]
- Socarides, C., Kaufman, B., Nicolosi, J., Satinover, J., & Fitzgibbons, R. (1997, January 9). Don't forsake homosexuals who want help. *The Wall Street Journal*. [Drescher]
- Sommer, R., & Sommer, B. (2002). *A practical guide to behavioral research: Tools and techniques* (5th ed.). New York: Oxford University Press. [Carlson]
- Spanier, G. B. (1976). Measuring dyadic adjustment: New scales for assessing the quality of marriage and similar dyads. *Journal of Marriage and the Family*, 38, 15–28. [Carlson]
- Spitzer, R. L. (1981). The diagnostic status of homosexuality in DSM-III: A reformulation of the issues. *American Journal of Psychiatry*, 138, 210–215. [Wainberg et al.]
- Stålström, O., & Nissinen, J. (in press). The Spitzer study and the Finnish parliament. *Journal of Gay and Lesbian Psychotherapy*. [Drescher]
- Stein, E. (1998). Choosing the sexual orientation of children. *Bioethics*, 12, 1–24. [Wainberg et al.]
- Stein, E. (1999). *The mismeasure of desire: The science, theory, and ethics of sexual orientation*. New York: Oxford University Press. [Wainberg et al.]
- Stokes, J. P., Damon, W., & McKirnan, D. J. (1997). Predictors of movement toward homosexuality: A longitudinal study of bisexual men. *Journal of Sex Research*, 34, 304–312. [Diamond]
- Suppe, F. (1984). Curing homosexuality. In R. Baker & F. Elliston (Eds.), *Philosophy and sex* (Rev. ed., pp. 394–420). Amherst, NY: Prometheus Books. [Wainberg et al.]
- Szasz, T. S. (1990). *Sex by prescription: The startling truth about today's sex therapy*. Syracuse, NY: Syracuse University Press. [Rind]
- Throckmorton, W. (2002). Initial empirical and clinical findings concerning the change process for ex-gays. *Professional Psychology: Research and Practice*, 33, 242–248. [Byrd, Worthington]
- Tiffen, L. (1994). *Creationism's upside-down pyramid: How science refutes fundamentalism*. Amherst, NY: Prometheus Books. [Drescher]
- Tolman, D. L. (2002). *Dilemmas of desire: Teenage girls talk about sexuality*. Cambridge, MA: Harvard University Press. [Diamond]
- Torgerson, W. S. (1958). *Theory and methods of scaling*. New York: Wiley. [Hershberger]
- Truax, R. A., & Tourney, G. (1971). Male homosexuals in group psychotherapy. *Diseases of the Nervous System*, 32, 707–711. [Yarhouse]
- Turner, C. F., Ku, L., Rogers, S. M., Lindberg, L. D., Pleck, J. H., & Sonenstein, F. L. (1998). Adolescent sexual behavior, drug use, and violence: Increased reporting with computer survey technology. *Science*, 280, 867–873. [Wainberg et al.]
- U. S. Department of Health and Human Services. (2001). *The Surgeon General's call to action to promote sexual health and responsible sexual behavior*. Washington, DC: U.S. Government Printing Office. [Bancroft]
- Vasey, P. L. (1995). Homosexual behavior in primates: A review of evidence and theory. *International Journal of Primatology*, 16, 173–203. [Rind]
- Vasey, P. L. (2002). Sexual partner preference in female Japanese macaques. *Archives of Sexual Behavior*, 31, 51–62. [Vasey/Rendall]
- Veniegas, R. C., & Conley, T. D. (2000). Biological research on women's sexual orientations: Evaluating the scientific evidence. *Journal of Social Issues*, 56, 267–282. [Diamond]
- Ward, D. A., & Kassebaum, G. G. (1965). *Women's prison: Sex and social structure*. Chicago: Aldine. [Rodríguez Rust]
- Weinberg, M. S., Williams, C. J., & Pryor, D. W. (1994). *Dual attraction: Understanding bisexuality*. New York: Oxford University Press. [Diamond, Rodríguez Rust]
- Weinberg, M. S., Williams, C. J., & Pryor, D. W. (2001). Bisexuals at midlife: Commitment, salience, and identity. *Journal of Contemporary Ethnography*, 30, 180–208. [Rodríguez Rust]
- Wooden, W. S., & Parker, J. (1982). *Men behind bars: Sexual exploitation in prison*. New York: Plenum. [Rodríguez Rust]
- Worthington, R. L., & Navarro, R. L. (2003). Pathways to the future: Analyzing the content of a content analysis. *The Counseling Psychologist*, 31, 85–92. [Worthington]
- Worthington, R. L., Savoy, H., Dillon, F. R., & Vernaglia, E. R. (2002). Heterosexual identity development: A multidimensional model of individual and group identity. *The Counseling Psychologist*, 30, 496–531. [Worthington]
- Wyler, R. (2002). www.peoplecanchange.com [Nicolosi]
- Yarhouse, M. A., & Burkett, L. A. (2002). An inclusive response to LGB and conservative religious persons: The case of same-sex attraction and behavior. *Professional Psychology: Research and Practice*, 33, 235–241. [Worthington]
- Yomtoob, E. J. (2001). A comparison of psychologists' identification, conceptualization, and treatment of domestic violence in heterosexual, gay, and lesbian couples. *Dissertation Abstracts International: Section B: The Sciences and Engineering*, 62(2–B), 1105. [Wainberg et al.]