



UvA-DARE (Digital Academic Repository)

Gender nonconformity, same-sex attraction, and mental health

van Beusekom, G.

[Link to publication](#)

Citation for published version (APA):

van Beusekom, G. (2018). Gender nonconformity, same-sex attraction, and mental health

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <http://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

REFERENCES

References

- Achenbach, T. M. (1991). *Manual for the youth self-report and 1991 profile*. Burlington: University of Vermont, Department of Psychiatry.
- Almeida J., Johnson, R. M., Corliss, H. L., Molnar, B. E., & Azrael D. (2009). Emotional distress among LGBT youth: The influence of perceived discrimination based on sexual orientation. *Journal of Youth and Adolescence*, *38*, 1001–1014. doi:10.1007/s10964-009-9397-9
- Armsden, G. C., & Greenberg, M. T. (1987). The inventory of parent and peer attachment: Individual differences and their relationship to psychological wellbeing in adolescence. *Journal of Youth and Adolescence*, *16*, 427–454. doi:10.1007/BF02202939
- Armstrong, E. A., Hamilton, L. T., Armstrong, E. M., & Seeley, J. L. (2014). “Good Girls” Gender, social class, and slut discourse on campus. *Social Psychology Quarterly*, *77*, 100-122. doi:10.1177/0190272514521220
- Aspenlieder, L., Buchanan, C. M., McDougall, P., & Sippola, L. K. (2009). Gender nonconformity and peer victimization in pre- and early adolescence. *European Journal of Developmental Science*, *3*, 3–16. doi:10.3233/DEV-2009-3103
- Aubé, J., & Koestner, R. (1993). “Gender characteristics and adjustment: A longitudinal study”: Addendum. *Journal of Personality and Social Psychology*, *64*, 2–2. doi:10.1037/h0092822
- Aubé, J., Norcliffe, H., Craig, J. A., & Koestner, R. (1995). Gender characteristics and adjustment-related outcomes: Questioning the masculinity model. *Personality and Social Psychology Bulletin*, *21*, 284-295. doi:10.1177/0146167295213009
- B
- Baams, L., Beek, T., Hille, H., Zevenbergen, F. C., & Bos, H. M. W. (2013). Gender nonconformity, perceived stigmatization, and psychological well-being in Dutch sexual minority youth and young adults: A mediation analysis. *Archives of Sexual Behavior*, *42*, 765-773. doi:10.1007/s10508-012-0055-z
- Bailey, J. M., Dunne, M. P., & Martin, N. G. (2000). Genetic and environmental influences on sexual orientation and its correlates in an Australian twin sample. *Journal of Personality and Social Psychology*, *78*, 524–536. doi:10.1037%2F0022-3514.78.3.524.
- Bailey, J. M., & Zucker, K. J. (1995). Childhood sex-typed behaviour and sexual orientation: A conceptual analysis and quantitative review. *Developmental Psychology*, *31*, 43–55. doi:10.1037/0012-1649.31.1.43.
- Barrett, A. E., & White, H. R. (2002). Trajectories of gender role orientations in adolescence and early adulthood: A prospective study of the mental health effects of masculinity and femininity. *Journal of Health and Social Behavior*, *43*, 451-468. doi:10.2307/3090237
- Bates, J. E., Bentler, P. M., & Thompson, S. K. (1979). Gender-deviant boys compared with normal and clinical control boys. *Journal of Abnormal Child Psychology*, *7*, 243–259. doi:10.1007/bf00916535
- Beals, K. P., Peplau, L. A., & Gable, S. L. (2009). Stigma management and well-being: The role of perceived social support, emotional processing, and suppression. *Personality and Social Psychology Bulletin*, *35*, 867-879. doi:10.1177/0146167209333478
- Ben-Ari, A. (1995). The discovery that an offspring is gay: Parents', gay men's, and lesbians' perspectives. *Journal of homosexuality*, *30*, 89-112. doi:10.1300/J082v30n01_05
- Berg, R. C., Weatherburn, P., & Ross M. W. (2015). The relationship of internalized homonegativity to sexual health and well-being among men in 38 European countries who have sex with men. *Journal of gay & Lesbian Mental Health*, *19*, 285-302, doi:10.1080/19359705.2015.1024375
- Berndt, T. J. (1982). The features and effects of friendship in early adolescence. *Child Development*, *53*, 1447–1460. doi:10.2307/1130071
- Bockting, W. O., Miner, M. H., Swinburne Romine, R. E., Hamilton, A., & Coleman, E. (2013). Stigma, mental health, and resilience in an online sample of the US transgender population. *American Journal of Public Health*, *103*, 943-951. doi:10.1037/e609762010-001
- Bogaert, A. F., & Hafer, C. L. (2009). Predicting the timing of coming out in gay and bisexual men from world beliefs, physical attractiveness, and childhood gender identity/role. *Journal of Applied Social Psychology*, *39*, 1991-2019. doi:10.1111/j.1559-1816.2009.00513.x

- Bollen, K. A. (1989). *Structural Equations with Latent Variables*, New York: John Wiley & Sons.
- Bos, H. M. W., & Sandfort, T. G. M. (2015). Gender nonconformity, sexual orientation, and Dutch adolescents' relationship with peers. *Archives of Sexual Behavior*, *44*, 1269-1279. doi:10.1007/s10508-014-0461-5
- Bos, H. M. W., Van Balen, F., Van den Boom, D. C., & Sandfort, T. G. M. (2004). Minority stress, experience of parenthood and child adjustment in lesbian families. *Journal of Reproductive and Infant Psychology*, *22*, 291-304. doi:10.1080/02646830412331298350.
- Bouris, A., Guilamo-Ramos, V., Pickard, A., Shiu, C., Loosier, P. S., Dittus, P., ... & Waldmiller, J. M. (2010). A systematic review of parental influences on the health and well-being of lesbian, gay, and bisexual youth: time for a new public health research and practice agenda. *The Journal of Primary Prevention*, *31*, 273-309. doi:10.1007/s10935-010-0229-1
- Bronfenbrenner, U. (1979). *The ecology of human development: Experiments by nature and design*. Cambridge, MA: Harvard University Press.
- Bronfenbrenner, U. (2005). *Making human beings human: Bioecological perspectives on human development*. Thousand Oaks, CA: Sage Publications.
- Brown, B. B. (1990). Peer groups and peer group cultures. In S. S. Feldman, & G. R. Elliott (Eds.), *At the threshold: The developing adolescent* (pp. 171-196). Cambridge, MA: Harvard University Press.
- Bruce, D., Harper, G. W., & Bauermeister, J. A. (2015). Minority stress, positive identity development, and depressive symptoms: Implications for resilience among sexual minority male youth. *Psychology of Sexual Orientation and Gender Diversity*, *2*, 287-296. doi:10.1037/sgd0000128
- Burton, C. M., Marshal, M. P., Chisolm, D. J., Sucato, G. S., & Friedman, M. S. (2013). Sexual minority-related victimization as a mediator of mental health disparities in sexual minority youth: A longitudinal analysis. *Journal of youth and adolescence*, *42*, 394-402. doi:10.1007/s10964-012-9901-5
- Bussey, K., & Bandura, A. (1999). Social cognitive theory of gender development and differentiation. *Psychological review*, *106*, 676. doi:10.1037/0033-295X.106.4.676
- C
- Cairns, R. B., Xie, H., & Leung, M. C. (1998) The popularity of friendships and the neglect of social networks: Toward a new balance. In W. M. Bukowski, & A. H. Cillessen (Eds.), *Sociometry then and now: Building on six decades of measuring children's experiences with the peer group* (pp. 25-53). San Francisco, CA: Jossey Bass.
- Cheung, G. W., & Rensvold, R. B. (2002). Evaluating Goodness-of-fit indexes for testing measurement invariance. *Structural Equation Modeling: A Multidisciplinary Journal*, *9*, 233-255. doi:10.1207/s15328007sem0902_5
- Coates, S., & Person, E. S. (1985). Extreme boyhood femininity: isolated behavior or pervasive disorder? *Journal of the American Academy of Child Psychiatry*, *24*, 702-709. doi:10.1016/s0002-7138(10)60113-6
- Cochran, S. D, Sullivan, J. G., & Mays, V. M. (2003). Prevalence of mental disorders, psychological distress, and mental health services use among lesbian, gay, and bisexual adults in the United States. *Journal of Consulting and Clinical Psychology*, *71*, 53-61. doi:10.1037/0022-006X.71.1.53
- Cohen-Kettenis, P. T., Owen, A., Kaijser, V. G., Bradley, S. J., & Zucker, K. J. (2003). Demographic characteristics, social competence, and problem behavior in children with gender identity disorder: A cross-national, cross-clinic comparative analysis. *Journal of Abnormal Child Psychology*, *31*, 41-53. doi:10.1023/A:1021769215342
- Coleman, J., & Hagel, A. (2007). The nature of risk and resilience in adolescence. In J. Coleman, & A. Hagel (Eds.), *Adolescence, risk and resilience: Against the odds* (pp. 1-16). Chichester: Wiley.
- Collier, K. L., Bos, H. M. W, Merry, M. S., & Sandfort, T. G. M (2012). Gender, ethnicity, religiosity, and same-sex sexual attraction and the acceptance of same-sex sexuality and gender non-conformity. *Sex Roles*, *68*, 724-737. doi:10.1007/s11199-012-0135-5
- Collier, K. L., Bos, H. M. W., & Sandfort, T. G. M. (2013). Homophobic name-calling among secondary school students and its implications for mental health. *Journal of Youth and Adolescence*, *42*, 363-75. doi:10.1007/s10964-012-9823-2

References

- Collier, K. L., Van Beusekom, G., Bos, H. M. W., & Sandfort, T. G. M. (2013). Sexual orientation and gender identity/expression related peer victimization in adolescence: A systematic review of associated psychosocial and health outcomes. *Journal of Sex Research, 50*, 299-317. doi:10.1080/00224499.2012.750639
- Cox, N., Vanden Berghe, W., Dewaele, A., & Vinke, J. (2008). General and minority stress in an LGB population in Flanders. *Journal of LGBT Health Research, 4*, 181-194. doi:10.1080/15574090802657168
- D
- D'Augelli, A. R. (2002). Mental health problems among lesbian, gay and bisexual youths ages 14-21. *Clinical Child Psychology and Psychiatry, 7*, 433-456. doi:10.1177/1359104502007003010
- D'Augelli, A. R., Grossman, A. H., & Starks, M. T. (2005). Parents' awareness of lesbian, gay, and bisexual youths' sexual orientation. *Journal of Marriage and Family, 67*, 474-482. doi:10.1111/j.0022-2445.2005.00129.x
- D'Augelli, A. R., Grossman, A. H., & Starks, M. T. (2006). Childhood gender atypicality, victimization, and PTSD among lesbian, gay, and bisexual youth. *Journal of Interpersonal Violence, 21*, 1462-1482. doi:10.1177=0886260506293482
- D'Augelli, A. R., Grossman, A. H., & Starks, M. T. (2008). Gender atypicality and sexual orientation development among lesbian, gay, and bisexual youth: Prevalence, sex differences, and parental responses. *Journal of Gay and Lesbian Mental Health, 12*, 121-143. doi:10.1177/0886260506293482
- D'Augelli, A. R., Pilkington, N. W., & Hershberger, S. L. (2002). Incidence and mental health impact of sexual orientation victimization among lesbian, gay, and bisexual youths in high school. *School Psychology Quarterly, 17*, 148-167. doi:10.1521/scpq.17.2.148.20854
- De Graaf, H., Kruijer, H., Van Acker, J., & Meijer, S. (2012). *Seks onder je 25e* [Sex under the age of 25]. Utrecht, the Netherlands: Rutgers WPF.
- De Graaf, R., Sandfort, T. G. M., & Ten Have, M. (2006). Suicidality and sexual orientation: Differences between men and women in a general population-based sample from the Netherlands. *Archives of Sexual Behavior, 35*, 253-262. doi:10.1007/s10508-006-9020-z
- Derogatis, L. R. (1993). *BSI Brief Symptom Inventory: Administration, scoring, and procedure manual* (4th Ed.). Minneapolis, MN: National Computer Systems.
- D'haese, L., Dewaele, A., & Van Houtte, M. (2015). The relationship between childhood gender non conformity and experiencing diverse types of homophobic violence. *Journal of Interpersonal Violence*. Advance online publication. doi:10.1177/0886260515569063
- Dodge, K. A., Bates, J. E., & Pettit, G. S. (1990). Mechanisms in the cycle of violence. *Science, 250*, 1678-1683. doi:10.1126/science.2270481
- Dohrenwend, B. P. (2000). The role of adversity and stress in psychopathology: Some evidence and its implications for theory and research. *Journal of Health and Social Behavior, 41*, 1-19. doi:10.2307/2676357
- E
- Eder, D. (1985) The cycle of popularity: Interpersonal relations among female adolescents. *Sociology of Education, 58*, 154-165. doi:10.2307/2112416
- Eder, D., Evans, C., & Parker, S. (1995) *School talk: Gender and adolescent's culture*. Rutgers University Press, New Brunswick, NJ
- Egan, S. K., & Perry, D. G. (2001). Gender identity: A multidimensional analysis with implications for psychosocial adjustment. *Developmental Psychology, 37*, 451-463. doi:10.1037/0012-1649.37.4.451
- Ewing Lee, E. A., & Troop-Gordon, W. (2010). Peer processes and gender role development: changes in gender atypicality related to negative peer treatment and children's friendships. *Sex Roles, 64*, 90-102. doi:10.1007/s11199-010-9883-2
- Ewing Lee, E. A., & Troop-Gordon, W. (2011). Peer socialization of masculinity and femininity: Differential effects of overt and relational forms of peer victimization. *The British Journal of Developmental Psychology, 29*, 197-213. doi:10.1111/j.2044-835X.2010.02022.x

F

- Fedewa, A. L., & Ahn, S. (2011). The effects of bullying and peer victimization on sexual-minority and heterosexual youths: A quantitative meta-analysis of the literature. *Journal of GLBT Family Studies*, 7, 398-418. doi:10.1080/1550428X.2011.592968
- Fenzel, L. M. (1989a). Role strain in early adolescence: A model for investigating school transition stress. *Journal of Early Adolescence*, 9, 13-33. doi:10.1177/0272431689091003
- Fenzel, L. M. (1989b). Role strains and the transition to middle school: Longitudinal trends and sex differences. *Journal of Early Adolescence*, 9, 211-226. doi:10.1177/0272431689093003
- Fenzel, L. M. (2000). Prospective study of changes in global self-worth and strain during the transition to middle school. *Journal of Early Adolescence*, 20, 93-116. doi:10.1177/0272431600020001005
- Fergusson, D. M., Horwood, L. J., & Beautrais, A. (1999). Is sexual orientation related to mental health problems and suicidality in young people? *Archives of General Psychiatry*, 56, 876-880. doi:10.1001/archpsyc.56.10.876
- Floyd, F. J., & Stein, T. S. (2002). Sexual orientation identity formation among gay, lesbian, and bisexual youths: Multiple patterns of milestone experiences. *Journal of Research on Adolescence*, 12, 167-191. doi:10.1111/1532-7795.00030
- Freeman, J. B., Johnson, K. L., Ambady, N., & Rule, N. O. (2010). Sexual orientation perception involves gendered facial cues. *Personality and Social Psychology Bulletin*, 10, 1318-1331. doi:10.1177/0146167210378755
- Friedman, M. S., Marshal, M. P., Stall, R., Cheong, J., & Wright, E. R. (2008). Gay-related development, early abuse and adult health outcomes among gay males. *AIDS and Behavior*, 12, 891-902. doi:10.1007/s10461-007-9319-3
- Frost, D. M. (2011). Stigma and intimacy in same-sex relationships: A narrative approach. *Journal of Family Psychology*, 25, 1-10. doi:10.1037/2326-3598.1.s.49

G

- Gavin, L. A., & Furman, W. (1989). Age differences in adolescents' perceptions of their peer groups. *Developmental Psychology*, 25, 827-834. doi:10.1037//0012-1649.25.5.827
- Gevonden, M. J., Seltén, J. P., Myin-Germeys, I., De Graaf, R., Ten Have, M., Van Dorsselaer, S. ... & Veling, W. (2014). Sexual minority status and psychotic symptoms: findings from the Netherlands mental health survey and incidence studies (NEMESIS). *Psychological Medicine*, 44, 421-433. doi:10.1017/S0033291713000718
- Gilmore, D. D. (1990). *Manhood in the making: Cultural concepts of masculinity*. New Haven CT: Yale Univ. Press.
- Glick, P., Gangl, C., Gibb, S., Klumpner, S., & Weinberg, E. (2007). Defensive reactions to masculinity threat: More negative affect toward effeminate (but not masculine) gay men. *Sex Roles*, 57, 55-59. doi:10.1007/s11199-007-9195-3
- Goodenow, C., Szalacha, L., & Westheimer, K. (2006). School support groups, other school factors, and the safety of sexual minority adolescents. *Psychology in the Schools*, 43, 573-589. doi:10.1002/pits.20173

H

- Hair, E. C., Moore, K. A., Garrett, S. B., Ling, T., & Cleveland, K. (2008). The continued importance of quality parent-adolescent relationships during late adolescence. *Journal of Research on Adolescence*, 18, 187-200. doi:10.1111/j.1532-7795.2008.00556.x
- Hartung, C. M., & Widiger, T. A. (1998). Gender differences in the diagnosis of mental disorders: Conclusions and controversies of the DSM-IV. *Psychological Bulletin*, 123, 260-278. doi:10.1037/0033-2909.123.3.260
- Hayes, A. F. (2012). PROCESS: A versatile computational tool for observed variable mediation, moderation, and conditional process modeling [White paper]. Retrieved from <http://www.afhayes.com/public/process2012.pdf>
- Hayes, A. F. (2013). *Introduction to mediation, moderation, and conditional process analysis. A regression-based approach*. New York, NY: Guilford Press.

References

- Heinze, J. F., & Horn, S. S. (2014). Do adolescents' evaluations differ based on gender expression and sexual orientation? *Journal of Social Issues, 70*, 63-80. doi:10.1111/josi.12047
- Herek, G. M. (1986). On heterosexual masculinity. *American Behavioral Scientist, 29*, 563-577. doi:10.1177/000276486029005005
- Herek, G. M., & Glunt E. K. (1995). Identity and community among gay and bisexual men in the AIDS era: Preliminary findings from the Sacramento men's health study. In G. M. Herek, & B. Greene (Eds.), *AIDS, identity, and community; the HIV epidemic and lesbians and gay men* (pp. 54-84). Thousand Oaks: Sage publications.
- Herek, G. M., & McLemore, K. A. (2013). Sexual prejudice. *Annual Review of Psychology, 64*, 309-333. doi:10.1146/annurev-psych-113011-143826
- Hofstede, G. (1998). Masculinity/femininity as a dimension of culture. In G. Hofstede (Ed.), *Masculinity and femininity: The taboo dimension of national cultures* (pp. 3-38). Thousand Oaks, CA: Sage.
- Homma, Y., & Saewyc, E. M. (2007). The emotional wellbeing of Asian-American sexual minority youth in school. *Journal of LGBT Health Research, 3*, 67-78. doi:10.1300/J463v03n01_08
- Hooper, D., Coughlan, J., & Mullen, M. R. (2008). *Evaluating model fit: A synthesis of the structural equation modelling literature*. Presented at the 7th European Conference on Research Methodology for Business and Management Studies, Regent's College, London, United Kingdom
- Horn, S. S. (2005). Adolescents' peer interactions: Conflict and coordination among personal expression, social norms, and moral reasoning. In L. Nucci (Ed.), *Conflict, contradiction, and contrarian elements in moral development and education* (pp. 113-129). Mahwah, NJ: Lawrence Erlbaum.
- Horn, S. S. (2006). Heterosexual adolescents' and young adults' beliefs and attitudes about homosexuality and gay and lesbian peers. *Cognitive Development, 21*, 420-40. doi:10.1016/j.cogdev.2006.06.007
- Horn, S. S. (2007). Adolescents' acceptance of same-sex peers based on sexual orientation and gender expression. *Journal of Youth and Adolescence, 36*, 363-371. doi:10.1007/s10964-006-9111-0
- J
- Johnson, K. L., & Ghavami, N. (2011). At the crossroads of conspicuous and concealable: What race categories communicate about sexual orientation. *PLoS One, 6*, e18025. doi:10.1371/journal.pone.0018025
- Jose, P. E. (2013). *ModGraph-I: A programme to compute cell means for the graphical display of moderational analyses: The internet version, Version 3.0*. Victoria University of Wellington, Wellington, New Zealand. Retrieved from <http://pavlov.psyc.vuw.ac.nz/paul-jose/modgraph/>
- Juvonen, J., Nishina, A., & Graham, S. (2000). Peer harassment, psychological adjustment, and social functioning in early adolescence. *Journal of Educational Psychology, 92*, 349-359. doi:10.1037/0022-0663.92.2.349
- K
- Kane, E. W. (2006). "No way my boys are going to be like that!" Parents' responses to children's gender nonconformity. *Gender and Society, 20*, 149-176. doi:10.1177/0891243205284276
- Katz, J. (2007). *The invention of heterosexuality*. Chicago, IL: University of Chicago Press. Keuzenkamp, S. (2011). *Acceptance of homosexuality in the Netherlands 2011: International comparison, trends, and current situation*. The Hague: The Netherlands Institute for Social Research.
- Kimmel, M. S. (1997). Masculinity as homophobia: Fear, shame and silence in the construction of gender identity. In M. M. Gergen, & S. N. Davis (Eds.), *Toward a new psychology of gender* (pp. 223-42). New York: Routledge
- Kline, R. B. (2011). *Principles and practice of structural equation modeling* (3rd ed.). New York, NY: Guilford Press.
- Kochel, K. P., Miller, C. F., Updegraff, K. A., Ladd, G. W., & Kochenderfer-Ladd, B. (2012). Associations between fifth graders' gender atypical problem behavior and peer relationships: A short-term longitudinal study. *Journal of youth and adolescence, 41*, 1022-1034. doi:10.1007/s10964-011-9733-8
- Koh, A. S., & Ross, L. K. (2006). Mental health issues: A comparison of lesbian, bisexual and heterosexual women. *Journal of homosexuality, 51*, 33-57. doi:10.1300/j082v51n01_03

- Krieger, N. (2001). Theories for social epidemiology in the 21st century: An ecosocial perspective. *International Journal of Epidemiology*, *30*, 668–677. doi:10.1093/ije/30.4.KRO (2011-2014). Uit de Kast [Out of the Closet].
- KRO (2014). Hij is een Zij [He is a She].
- Kuhar, R. (2007). The family secret: Parents of homosexual sons and daughters. In R. Kuhar, & J. Takács (Eds.), *Beyond the pink curtain. Everyday life of GLBT people in Eastern Europe* (pp. 35–48). Slovenia: The Peace Institute.
- Kuyper, L., Fernee, H., & Keuzenkamp, S. (2015). A comparative analysis of a community and general sample of lesbian, gay, and bisexual individuals. *Archives of Sexual Behavior*, *45*, 683–693. doi:10.1007/s10508-014-0457-1
- L
- La Roi, C., Kretschmer, T., Dijkstra, J. K., Veenstra, R., & Oldehinkel, A. J. (2016). Disparities in depressive symptoms between heterosexual and lesbian, gay, and bisexual youth in a Dutch cohort: the TRAILS Study. *Journal of Youth and Adolescence*, *45*, 440-456. doi:10.1007/s10964-015-0403-0
- Lasser, J., & Tharinger, D. (2003). Visibility management in school and beyond: A qualitative study of gay, lesbian, bisexual youth. *Journal of Adolescence*, *26*, 233–244. doi:10.1016/S0140-1971(02)00132-X
- Levy, G. D., Taylor, M. G., & Gelman, S. A. (1995). Traditional and evaluative aspects of flexibility in gender roles, social conventions, moral rules, and physical laws. *Child Development*, *66*, 515–531. doi:10.1111/j.1467-8624.1995.tb00887.x
- Lewis, R. J., Derlega, V. J., Griffin, J. L., & Krowinski, A. C. (2003). Stressors for gay men and lesbians: Life stress, gay-related stress, stigma consciousness, and depressive symptoms. *Journal of Social and Clinical Psychology*, *22*, 716-729. doi:10.1521/jscp.22.6.716.22932
- Lhomond, B. (1993). Between man and woman: The character of the lesbian. *Journal of Homosexuality*, *25*, 63-73. doi:10.1300/J082v25n01_05
- Lippa, R. A. (2000). Gender-related traits in gay men, lesbian women, and heterosexual men and women: The virtual identity of homosexual heterosexual diagnosticity and gender diagnosticity. *Journal of Personality*, *68*, 899–926. doi:10.1111/1467-6494.00120.
- Lippa, R. A. (2002). Gender-related traits of heterosexual and homosexual men and women. *Archives of Sexual Behavior*, *31*, 83–98. doi:10.1023/A:1014035302843.
- Lippa, R. A. (2005). Sexual orientation and personality. *Annual Review of Sex Research*, *16*, 119-153. doi:10.1080/10532528.2005.10559831
- Logie, C. H., Newman, P. A., Chakrapani, V., & Shunmugam, M. (2012). Adapting the minority stress model: Associations between gender non-conformity stigma, HIV-related stigma and depression among men who have sex with men in South India. *Social Science & Medicine*, *74*, 1261–1268. doi:10.1016/j.socscimed.2012.01.008
- M
- Maccoby, E. E. (1998). *The two sexes: Growing up apart, coming together*. Cambridge, MA: Belknap Press.
- Marshall, M. P., Dermody, S. S., Cheong, J., Burton, C. M., Friedman, M. S., Aranda, F., & Hughes, T. L. (2013). Trajectories of depressive symptoms and suicidality among heterosexual and sexual minority youth. *Journal of Youth and Adolescence*, *42*, 1243-1256. doi:10.1007/s10964-013-9970-0
- Mattick, R. P., & Clarke, J. C. (1998). Development and validation of measures of social phobia scrutiny fear and social interaction anxiety. *Behaviour research and therapy*, *36*, 455-470. doi:10.1016/S0005-7967(97)10031-6
- McConaghy, N., & Silove, D. (1992). Do sex-linked behaviors in children influence relationships with their parents? *Archives of Sexual Behavior*, *21*, 469–479. doi:10.1007/BF01542271
- McHugh, R. K., Daughters, S. B., Lejuez, C. W., Murray, H. W., Hearon, B. A., Gorka, S. M., & Otto, M. W. (2011). Shared variance among self-report and behavioral measures of distress intolerance. *Cognitive Therapy and Research*, *35*, 266–275. doi:10.1007/s10608-010-9295-1.
- McLaughlin, K., Hatzenbuehler, M., Xuan, Z., & Conron, K. (2012). Disproportionate exposure to early-life adversity and sexual orientation disparities in psychiatric morbidity. *Child Abuse & Neglect*, *36*, 645–655. doi:10.1016/j.chiabu.2012.07.004

References

- McMaster, L. E., Connolly, J., Pepler, D., & Craig, W. M. (2002). Peer to peer sexual harassment in early adolescence: A developmental perspective. *Development and Psychopathology, 14*, 91-105. doi:10.1017/S0954579402001050
- Meade, A. W., Johnson, E. C., & Braddy, P. W. (2008). Power and sensitivity of alternative fit indices in tests of measurement invariance. *Journal of Applied Psychology, 93*, 568-592. doi:10.1037/0021-9010.93.3.568
- Meyer, I. H. (1995). Minority stress and mental health in gay men. *Journal of Health and Social Behavior, 36*, 38-56. doi:10.1037/0278-6133.27.4.455
- Meyer, I. H. (2003). Prejudice, social stress, and mental health in lesbian, gay, and bisexual populations: Conceptual issues and research evidence. *Psychological Bulletin, 129*, 674-697. doi:10.1037/2F0033-2909.129.5.674
- Meyer, I. H. (2015). Resilience in the study of minority stress and health of sexual and gender minorities. *Psychology of Sexual Orientation and Gender Diversity, 2*, 209-213. doi:10.1037/sgd0000132
- Miers, A. C., Blöte, A. W., Bögels, S. M., & Westenberg, P. M. (2008). Interpretation bias and social anxiety in adolescents. *Journal of Anxiety Disorders, 22*, 1462-71. doi:10.1016/j.janxdis.2008.02.010
- N
- Nagoshi, J. L., Adams, K. A., Terrell, H. K., Hill, E. D., Brzuzy, S., & Nagoshi, C. T. (2008). Gender differences in correlates of homophobia and transphobia. *Sex Roles, 59*, 521-531. doi:10.1007/s11199-008-9458-7
- Namaste, K. (1996). Genderbashing: Sexuality, gender, and the regulation of public space. *Environment and Planning D: Society and Space, 14*, 221-240. doi:10.1068/d140221
- Needham, B. L. (2012). Sexual attraction and trajectories of mental health and substance use during the transition from adolescence to adulthood. *Journal of Youth and Adolescence, 41*, 179-190. doi:10.1007/s10964-011-9729-4
- Newcomb, M. E., & Mustanski, B. (2010). Internalized homophobia and internalizing mental health problems: A meta-analytic review. *Clinical Psychology Review, 30*, 1019-1029. doi:10.1016/j.cpr.2010.07.003
- O
- Olweus, D. (1996). The Revised Olweus Bully/Victim Questionnaire. Mimeo. Bergen, Norway: Research Center for Health Promotion (HEMIL Center), University of Bergen.
- P
- Pascoe, C. J. (2005). 'Dude, you're a fag': Adolescent masculinity and the fag discourse. *Sexualities, 8*, 329-346. doi:10.1177/1363460705053337
- Pascoe, C. J. (2007). *Dude, You're a Fag: Masculinity and Sexuality in High School*. Berkeley: University of California Press
- Pleck, J. H. (1975). Masculinity-femininity: Current and alternate paradigms. *Sex Roles, 1*, 161-178. doi:10.1007/bf00288009
- Plummer, D. C. (2001). The quest for modern manhood: Masculine stereotypes, peer culture and the social significance of homophobia. *Journal of Adolescence, 24*, 15-23. doi:10.1006/jado.2000.0370
- Potat, V. P., & Anderson, C. J. (2012). Developmental changes in sexual prejudice from early to late adolescence: the effects of gender, race, and ideology on different patterns of change. *Developmental Psychology, 48*, 1403-15. doi:10.1037/a0026906
- Potat, V. P., Calzo, J. P., & Yoshikawa, H. (2016). Promoting youth agency through dimensions of gay-straight alliance involvement and conditions that maximize associations. *Journal of Youth and Adolescence, 45*, 1438-1451. doi:10.1007/s10964-016-0421-6
- Potat, V. P., & Espelage, D. L. (2005). Exploring the relation between bullying and homophobic verbal content: The Homophobic Content Agent Target (HCAT) Scale. *Violence and victims, 20*, 513-528. doi:10.1891/0886-6708.2005.20.5.513
- Potat, V. P., Espelage, D. L., & Koenig, B. W. (2009). Willingness to remain friends and attend school with lesbian and gay peers: Relational expressions of prejudice among heterosexual youth. *Journal of Youth and Adolescence, 38*, 952-962. doi:10.1007/s10964-009-9416-x

- Preacher, K., & Kelley, K. (2011) Effect size measures for mediation models: Quantitative strategies for communicating indirect effects. *Psychological Methods*, *16*, 93-115. doi:10.1037/a0022658
- R
- Rebecca, M., Hefner, R., & Oleshansky, B. (1976). A model of sex-role transcendence. *Journal of Social Issues*, *32*, 197-206. doi:10.1111/j.1540-4560.1976.tb02607.x
- Reijntjes, A., Kamphuis, J. H., Prinzie, P., Boelen, P. A., Van Der Schoot, M., & Telch, M. J. (2011). Prospective linkages between peer victimization and externalizing problems in children: A meta-analysis. *Aggressive Behavior*, *37*, 215-222. doi:10.1002/ab.20374
- Reijntjes, A., Kamphuis, J. H., Prinzie, P., & Telch, M. J. (2010). Peer victimization and internalizing problems in children: A meta-analysis of longitudinal studies. *Child Abuse & Neglect*, *34*, 244-252. doi:10.1016/j.chiabu.2009.07.009
- Reinherz, H. Z., Giaconia, R. M., Silverman, A. B., Friedman, A., Pakiz, B., Frost, A. K., & Cohen, E. (1995). Early psychosocial risks for adolescent suicidal ideation and attempts. *Journal of the American Academy of Child & Adolescent Psychiatry*, *34*, 599-611. doi:10.1097/00004583-199505000-00012
- Reisner, S. L., Greytak, E. A., Parsons, J. T., & Ybarra, M. L. (2014). Gender minority social stress in adolescence: Disparities in adolescent bullying and substance use by gender identity. *The Journal of Sex Research*, *52*, 243-256. doi:10.1080/00224499.2014.886321
- Rekers, G. A., & Morey, S. M. (1989). Relationship of maternal report of feminine behaviors and extraversion to clinician's rating of gender disturbance. *Perceptual and Motor Skills*, *69*, 387-394. doi:10.2466/pms.1989.69.2.387
- Renold, E. (2002). Presumed innocence (Hetero) sexual, heterosexual and homophobic harassment among primary school girls and boys. *Childhood*, *9*, 415-434. doi:10.1177/0907568202009004004
- Rieger, G., Linsenmeier, J. A., Gygax, L., & Bailey, J. M. (2008). Sexual orientation and childhood gender nonconformity: evidence from home videos. *Developmental psychology*, *44*, 46. doi:10.1037/0012-1649.44.1.46
- Rieger, G., Linsenmeier, J. A., Gygax, L., Garcia, S., & Bailey, J. M. (2010). Dissecting "gaydar": Accuracy and the role of masculinity-femininity. *Archives of Sexual Behavior*, *39*, 124-140. doi:10.1007/s10508-008-9405-2
- Rieger, G., & Savin-Williams, R. C. (2012). Gender nonconformity, sexual orientation, and psychological well-being. *Archives of Sexual Behavior*, *41*, 611-621. doi:10.1007/s10508-011-9738-0
- Roberts, A. L., Rosario, M., Corliss, H. L., Koenen, K. C., & Austin, S. B. (2012). Childhood gender nonconformity: A risk indicator for childhood abuse and posttraumatic stress in youth. *Pediatrics*, *129*, 410-417. doi:10.1542/peds.2011-1804
- Roberts, A. L., Rosario, M., Slopen, N., Calzo, J. P., & Austin, S. B. (2013). Childhood gender nonconformity, bullying victimization, and depressive symptoms across adolescence and early adulthood: An 11-year longitudinal study. *Journal of the American Academy of Child and Adolescent Psychiatry*, *52*, 143-52. doi:10.1016/j.jaac.2012.11.006
- Robinson, J., Espelage, D. L., & Rivers, I. (2013). Does it get better? Developmental trends in peer victimization and mental health in LGB and heterosexual youth - Results from a nationally representative prospective cohort study. *Pediatrics*, *131*, 423-430. doi:10.1542/peds.2012-2595.
- Rosario, M., Schrimshaw, E. W., Hunter, J., & Gwadz, M. (2002). Gay-related stress and emotional distress among gay, lesbian and bisexual youths: A longitudinal examination. *Journal of Consulting and Clinical Psychology*, *70*, 967-975. doi:10.1037/0022-006x.70.4.967
- Rose-Krasnor, L. (1997). The nature of social competence: A theoretical review. *Social Development*, *6*, 111-135. doi:10.1111/j.1467-9507.1997.tb00097.x
- Ross, M. W., & Rosser, B. R. S. (1996). Measurement and correlates of internalized homophobia: A factor analytic study. *Journal of Clinical Psychology*, *52*, 15-21. doi:10.1002/(SICI)1097-4679(199601)52:1<15::AID-JCLP2>3.0.CO;2-V
- Rubin, K. H., Bukowski, W., & Parker, J. (2006). Peer interactions, relationships, and groups. In N. Eisenberg (Ed.), *Handbook of child psychology: Social, emotional, and personality development* (6th ed., pp. 571-645). New York: Wiley.

References

- Russell, S. T., & Fish, J. N. (2016). Mental health in Lesbian, Gay, Bisexual, and Transgender (LGBT) youth. *Annual Review of Clinical Psychology, 12*, 465-487. doi:10.1146/annurev-clinpsy-021815-093153
- Russell, S. T., & Joyner, K. (2001). Adolescent sexual orientation and suicide risk: Evidence from a national study. *American Journal of Public Health, 91*, 1276-1281. doi:10.2105/AJPH.91.8.1276
- Russell, S. T., Seif, H., & Truong, N. L. (2001). School outcomes of sexual minority youth in the United States: Evidence from a national study. *Journal of Adolescence, 24*, 111-127. doi:10.1006/jado.2000.0365.
- Ryan, C., Russell, S., Huebner, D., Diaz, R., & Sanchez, J. (2010). Family acceptance in adolescence and the health of LGBT young adults. *Journal of Child and Adolescent Psychiatric Nursing, 23*, 205-13. doi:10.1111/j.1744-6171.2010.00246.x
- S
- Sandfort, T. G. M. (1997). *Samen of Apart. Wat homoseksuele mannen en lesbische vrouwen beweegt [Together or separate. Aspects that affect gay men and lesbian women]*. Utrecht, The Netherlands: Utrecht University, Department of Gay and Lesbian Studies.
- Sandfort, T. G. M. (2005a). Homofobie: Welk probleem? Wiens probleem. [Homophobia: What problem? Whose problem?] *Tijdschrift voor Seksuologie [Journal of Sexology], 29*, 11-19.
- Sandfort, T. G. M. (2005b). Sexual orientation and gender: Stereotypes and beyond. *Archives of Sexual Behavior, 34*, 595-611. doi:10.1007/s10508-005-7907-8
- Sandfort, T. G. M., Bos, H. M. W., Collier, K. L., & Metselaar, M. (2010). School environment and the mental health of sexual minority youths: A study among Dutch young adolescents. *American journal of public health, 100*, 1696-700. doi:10.2105/AJPH.2009.183095
- Sandfort, T. G. M., Bos, H. M. W., Knox, J., & Reddy, V. (2015). Gender nonconformity, discrimination, and mental health among Black South African men who have sex with men: A further exploration of unexpected findings. *Archives of sexual behavior, 45*, 661-670. doi:10.1007/s10508-015-0565-6
- Sandfort, T. G. M., Bos, H. M. W., & Vet, R. (2006). Lesbians and gay men at work: consequences of being out. In Omoto AM Omoto and Kurtzman HS (Ed.) *Sexual orientation, mental health, and substance use: contemporary scientific perspectives*. London: Sage Publications, pp. 225-245.
- Sandfort, T. G. M., De Graaf, R., Ten Have M, Ransome Y., & Schnabel, P. (2014). Same-sex sexuality and psychiatric disorders in the second Netherlands Mental Health Survey and Incidence Study (NEMESIS-2). *LGBT Health, 1*, 292-301. doi:10.1089/lgbt.2014.0031
- Sandfort, T. G. M., Melendez, R. M., & Diaz, R. M. (2007). Gender nonconformity, homophobia, and mental distress in Latino gay and bisexual men. *Journal of Sex Research, 44*, 181-189. doi:10.1080/00224490701263819.
- Sass, D. A., Schmitt, T. A., & Marsh, H. W. (2014). Evaluating model fit with ordered categorical data within a measurement invariance framework: A comparison of estimators. *Structural Equation Modeling: A Multidisciplinary Journal, 21*, 167-180. doi:10.1080/10705511.2014.882658
- Satorra, A. (2000). Scaled and adjusted restricted tests in multi-sample analysis of moment structures. In Heijmans, R. D. H., Pollock, D. S. G., & Satorra, A. (Eds.), *Innovations in multivariate statistical analysis. A Festschrift for Heinz Neudecker* (pp. 233-247). London: Kluwer Academic Publishers.
- Savin-Williams, R. C. (2005). *The new gay teenager*. Cambridge, MA: Harvard University Press.
- Savin-Williams, R. C., & Dubé, E. M. (1998). Parental reactions to their child's disclosure of a gay/lesbian identity. *Family relations, 47*, 7-13. doi:10.2307/584845
- Schwartz, S., & Meyer, I. H. (2010). Mental health disparities research: The impact of within and between group analyses on tests of social stress hypotheses. *Social Science & Medicine, 70*, 1111-1118. doi:10.1016/j.socscimed.2009.11.032
- Silverschanz, P., Cortina, L. M., Konik, J., & Magley, V. J. (2008). Slurs, snubs, and queer jokes: Incidence and impact of heterosexual harassment in academia. *Sex Roles, 58*, 179-191. doi:10.1007/s11199-007-9329-7
- Singh, D., Bradley, S. J., & Zucker, K. J. (2011). Commentary on 'an affirmative intervention for families with gender variant children: parental ratings of child mental health and gender' by Hill, Menvielle, Sica, and Johnson (2010). *Journal of Sex and Marital Therapy, 37*, 151-157. doi:10.1080/0092623X.2011.547362

- Skidmore, W. C., Linsenmeier, J. A. W., & Bailey, J. M. (2006). Gender nonconformity and psychological distress in lesbians and gay men. *Archives of Sexual Behavior, 35*, 685–697. doi:10.1007/s10508-006-9108-5.
- Smith, T., & Leaper, C. (2006). Self-perceived gender typicality and the peer context during adolescence. *Journal of Research on Adolescence, 16*, 91-104. doi:10.1111/j.1532-7795.2006.00123.x
- Steensma, T. D., Van Der Ende, J., Verhulst, F. C., & Cohen-Kettenis, P. T. (2013). Gender variance in childhood and sexual orientation in adulthood: A prospective study. *Journal of Sexual Medicine, 10*, 2723–2733. doi:10.1111/j.1743-6109.2012.02701.x
- Steensma, T. D., Zucker, K. J., Kreukels, B. P. C., Van Der Laan, D. P., Wood, H., Fuentes, A., & Cohen-Kettenis, P.T. (2014). Behavioral and emotional problems on the Teacher's Report Form: A cross-national, cross-clinic comparative analysis of gender dysphoric children and adolescents. *Journal of Abnormal Child Psychology, 42*, 635–647. doi:10.1007/s10802-013-9804-2
- Steinberg, L., & Monahan, K. C. (2007). Age differences in resistance to peer influence. *Developmental Psychology, 43*, 1531-1543. doi:10.1037/0012-1649.43.6.1531
- Storms, M. D. (1979). Sex role identity and its relationship to sex role attributions and sex role stereotypes. *Journal of Personality and Social Psychology, 37*, 1779-1789. doi:10.1037/0022-3514.37.10.1779
- T
- Theodore, P. S., & Basow, S. A. (2000). Heterosexual masculinity and homophobia: A reaction to the self?. *Journal of Homosexuality, 40*, 31-48. doi:10.1300/J082v40n02_03
- Thurlow, C. (2001). Naming the "outsider within": Homophobic pejoratives and the verbal abuse of lesbian, gay and bisexual high-school pupils. *Journal of Adolescence, 24*, 25-38. doi:10.1006/jado.2000.0371
- Toomey, R. B., Ryan, C., Diaz, R. M., Card, N. A., & Russell, S. T. (2010). Gender-nonconforming lesbian, gay, bisexual, and transgender youth: School victimization and young adult psychosocial adjustment. *Developmental Psychology, 46*, 1580–1589. doi:10.1037/a0020705
- Turrisi, R., Mastroleo, N. R., Mallett, K. A., Larimer, M. E., & Kilmer, J. R. (2007). Examination of the mediational influences of peer norms, environmental influences, and parent communications on heavy drinking in athletes and non-athletes. *Psychology of Addictive Behaviors, 21*, 453–61. doi:10.1037/0893-164X.21.4.453
- V
- Valentova, J., Rieger, G., Havlicek, J., Linsenmeier, J. A.W., & Bailey, J. M. (2011). Judgments of sexual orientation and masculinity–femininity based on thin slices of behavior: A cross-cultural comparison. *Archives of Sexual Behavior, 40*, 1145–1152. doi:10.1007/s10508-011-9818-1.
- Van Beijsterveldt, C. E. M., Hudziak, J. J., & Boomsma, D. I. (2006). Genetic and environmental influences on cross-gender behavior and relation to behavior problems: A study of Dutch twins at ages 7 and 10 years. *Archives of sexual behavior, 35*, 647-658. doi:10.1007/s10508-006-9072-0
- Van Beusekom, G., Baams, L., Bos, H. M. W., Overbeek, G., & Sandfort, T. G. M. (2016). Gender nonconformity, homophobic peer victimization, and mental health: how same-sex attraction and biological sex matter. *The Journal of Sex Research, 53*, 98-108. doi:10.1080/00224499.2014.993462
- Van Beusekom, G., Roodenburg, S. C., & Bos, H. M. W. (2012). De rol van seksuele aantrekking tot hetzelfde geslacht en gender nonconformiteit in relaties van adolescenten met leeftijdgenoten [The role of same-sex attraction and gender nonconformity in adolescents' relations with peers]. *Kind en Adolescent, 33*, 251-263. doi:10.1007/s12453-012-0031-3
- Vandello, J. A., & Bosson, J. K. (2013) Hard won and easily lost: A review and synthesis of theory and research on precarious manhood. *Psychology of Men & Masculinity, 14*, 101–113. doi:10.1037/a0029826
- Vanden Berghe, W., Dewaele, A., Cox, N., & Vincke, J. (2010). Minority-specific determinants of mental well-being among lesbian, gay, and bisexual youth. *Journal of Applied Social Psychology, 40*, 153-166. doi:10.1111/j.1559-1816.2009.00567.x

References

Verhulst, F. C., Van Der Ende, J., & Koot, H. M. (1996). Handleiding voor de Youth Self-Report (YSR). Rotterdam: Erasmus Universiteit/Sophia Kinderziekenhuis, Afdeling Kinderen Jeugdpsychiatrie.

W

Wood, M. D., Read, J. P., Mitchell, R. E., & Brand, N. H. (2004). Do parents still matter? Parent and peer influences on alcohol involvement among recent high school graduates. *Psychology of Addictive Behaviors, 18*, 19–30. doi:10.1037/0893-164x.18.1.19

Wyss, S. (2004). "This was my hell": the violence experienced by gender non-conforming youth in US high schools. *International Journal of Qualitative Studies in Education, 17*, 709–730. doi:10.1080/0951839042000253676

Y

Young, R., & Sweeting, H. (2004). Adolescent bullying, relationships, psychological wellbeing, and gender-atypical behavior: A gender diagnosticity approach. *Sex Roles, 50*, 525–537. doi:10.1023/B:SERS.0000023072.53886.86

Yunger, J. L., Carver, P. R., & Perry, D. G. (2004). Does gender identity influence children's psychological well-being?. *Developmental Psychology, 40*, 572. doi:10.1037/0012-1649.40.4.572

Z

Zakharov, A. (1982). Psychological features of children's perception of the parental role. *Voprosy-Psikhologii, 1*, 59-68.

Zucker, K. J., Bradley, S. J. (1995). *Gender Identity Disorder and Psychosexual problems in Children and Adolescents*. New York, NY: Guilford Press.

SUMMARY

Chapter 1 presents the general introduction of this dissertation. The central aim of this dissertation was to further examine the role of gender nonconformity in relation to sexual minority stress processes and mental health outcomes among Dutch adolescents and adults. Specific aims for this dissertation were: (1) To assess potential differences between sexual minority youth and heterosexual youth in how gender nonconformity is related to experiences of peer victimization, and subsequent mental health outcomes; (2) to assess potential sex differences in how gender nonconformity affects mental health through internalized homophobia and experiences of (homophobic) victimization; and (3) to investigate the protective role of parental acceptance in improving mental health among gender- nonconforming and sexual minority youth. Five independent studies were carried out to address these three research aims. These studies are presented in chapter 2-6. The first research aim is addressed with two cross-sectional studies (Chapters 2 and 3) and one longitudinal study (Chapter 5). The second research aim was examined with three cross-sectional studies (Chapter 2-4) and one longitudinal study (Chapter 5). The final research aim was addressed with a cross-sectional study (Chapter 6).

Chapter 2 presents the results of a study that assessed whether homophobic name-calling accounts for the relation between gender nonconformity and mental health among Dutch adolescents. It was found that gender nonconformity was associated with more social anxiety and psychological distress, in part, because of greater exposure to homophobic name-calling. This mediated relation was found significant for youth with SSA (same-sex attraction) and stronger for boys when compared to girls.

Chapter 3 presents the findings of an investigation on the relation between gender nonconformity and peer victimization among Dutch adolescents. It was found that gender nonconformity was associated with more homophobic name-calling and general peer victimization. Similar to the findings presented in Chapter 2, it was found that this relation was stronger for SSA youth and also stronger for boys. However, Chapter 3 points out that these sexual attraction differences in the relation of gender nonconformity with both types of peer victimization were only significant for early and middle adolescents, but not for late adolescents. Sex differences in the relation of gender nonconformity with homophobic name-calling were also only significant for early and middle adolescents.

Chapter 4 presents a study among Dutch lesbian, gay and bisexual-identified (LGB) adults that examined whether experiences with homophobic stigmatization and internalized homophobia explain the association of gender nonconformity with mental health. Results showed that homophobic stigmatization and internalized homophobia partially accounted for this association. Gender nonconformity was associated with more mental health problems because of increased exposure to homophobic

stigmatization, but also to *less* mental health problems because of reduced levels of internalized homophobia. Gender nonconformity might thus not only be a risk factor for poor mental health among (LGB) individuals, but may also have some protective values because of reduced levels of internalized homophobia. Further analysis showed that the relation of gender nonconformity with mental health via increased exposure to homophobic stigmatization was significant only for GB men but not for LB women.

Chapter 5 presents the findings of a study on potential sexual orientation and sex differences in the longitudinal relations of gender nonconformity, peer victimization, and mental health (internalizing and externalizing problems) among Dutch adolescents. The results indicated that for all subgroups (i.e., SSA and non-SSA youth, and boys and girls), gender nonconformity was not related to peer victimization and internalizing problems at a later time. However, gender nonconformity was related to subsequent lower levels of externalizing problems. Moreover, for all subgroups, except girls, internalizing problems were related to subsequent higher levels of gender nonconformity, whereas externalizing problems were related to subsequent lower levels of gender nonconformity. For SSA and non-SSA youth, our results showed that peer victimization was related to subsequent higher levels of externalizing problems, and externalizing problems were related to subsequent higher levels of peer victimization.

Chapter 6 presents a study among Dutch adolescents on the influence of parental acceptance in the relations of gender nonconformity and SSA with mental health. The results showed different findings for boys and girls. For boys who reported high levels of acceptance by their fathers, gender nonconformity was not significantly associated with psychological distress and social anxiety. For girls who reported high levels of acceptance by their mothers, SSA was not significantly associated with social anxiety.

Chapter 7 describes a summary and discussion of the results from the independent studies along with suggestions for future research. Gender nonconformity was associated with lower wellbeing, in part because of greater experience with peer victimization/stigmatization. These associations were stronger for youth with SSA and also stronger for male participants. Furthermore, among boys high levels of paternal acceptance buffered negative mental health outcomes associated with gender nonconformity. For girls high levels of maternal acceptance buffered against negative mental health outcomes associated with SSA.

Future studies might consider the following suggestions: (1) the use of both a measure for sexual orientation-based victimization/rejection as well as a measure for gender expression/identity-based victimization/rejection; (2) A qualitative assessment of what gender nonconformity aspects are most likely to illicit rejection; (3) A stronger focus on factors that promote wellbeing among gender-nonconforming and sexual minority youth and (young) adults.

NEDERLANDSE SAMENVATTING

Hoofdstuk 1 presenteert de algemene inleiding van dit proefschrift. De overkoepelende doelstelling van dit proefschrift was verder onderzoek te verrichten naar de rol van gender non-conformiteit in relatie tot minderheid-stressoren en psychische gezondheid onder Nederlandse adolescenten en volwassenen. De specifieke doelstellingen waren: (1) het toetsen van mogelijke verschillen tussen seksuele minderheid- en heteroseksuele jongeren in de relaties tussen gender non-conformiteit, pesten of afwijzing en psychische gezondheidsuitkomsten; (2) Het toetsen van mogelijke sekseverschillen in de relaties tussen gender non-conformiteit, pesten/ homo-negatieve afwijzing, geïnternaliseerde homofobie en psychische gezondheid. (3) het onderzoeken van de mogelijke rol van ouder acceptatie in het bevorderen van psychische gezondheidsuitkomsten bij gender non-conforme en seksuele minderheid jongeren. Voor deze drie doelstellingen werden vijf afzonderlijke studies uitgevoerd. Deze studies worden gepresenteerd in de hoofdstukken 2-6. De eerste doelstelling werd onderzocht met twee cross-sectionele studies (Hoofdstukken 2 en 3) en één longitudinale studie (Hoofdstuk 5). De tweede doelstelling werd onderzocht met drie cross-sectionele studies (Hoofdstukken 2-4) en één longitudinale studie (Hoofdstuk 5). De laatste doelstelling werd cross-sectioneel onderzocht (Hoofdstuk 6).

Hoofdstuk 2 presenteert de resultaten van een onderzoek onder Nederlandse adolescenten. Er werd getoetst of het uitgescholden worden met homofobische scheldwoorden de relatie tussen gender non-conformiteit en psychische gezondheid verklaart. Uit de resultaten bleek dat homofobisch schelden gedeeltelijk verklaarde waarom gender non-conformiteit samenhang met meer sociale angst en psychologische stress. Echter, deze gemedieerde relatie was alleen significant voor jongeren met seksuele gevoelens voor hetzelfde geslacht. Daarnaast was deze gemedieerde relatie significant voor zowel jongens als meisjes, maar sterker voor jongens.

Hoofdstuk 3 presenteert de bevindingen van een studie naar de relatie tussen gender non-conformiteit en pestgedrag onder Nederlandse adolescenten. Er werd gevonden dat gender non-conformiteit samenhang met meer ervaringen met homofobisch uitgescholden worden en ook met meer algemene negatieve behandeling van leeftijdgenoten. De studie laat zien dat gender non-conformiteit sterker samenhang met deze twee vormen van pestgedrag bij jongeren met een seksuele aantrekkings tot hetzelfde geslacht en ook sterker was bij jongens.

Echter, hoofdstuk 3 laat ook zien dat deze seksuele aantrekkingsverschillen in de relatie tussen gender non-conformiteit met beide vormen van pestgedrag door leeftijdgenoten alleen significant waren voor jonge adolescenten (vroeg en midden adolescentie) en niet voor oudere jongeren (late adolescentie). Sekseverschillen in de relatie tussen gender non-conformiteit met homofobisch schelden waren ook alleen significant voor jonge adolescenten.

Hoofdstuk 4 presenteert de resultaten van een onderzoek onder Nederlandse volwassenen die zich identificeren als lesbisch, homoseksueel of biseksueel (LHB). In deze studie werd onderzocht of ervaringen met homofobische afwijzing en geïnternaliseerde homofobie de relatie verklaren tussen gender non-conformiteit en psychische gezondheid. Uit de resultaten bleek dat gender non-conformiteit samenhang met meer psychische problemen vanwege meer ervaringen met homofobische afwijzing, maar ook met minder psychische problemen, vanwege lagere niveaus van geïnternaliseerde homofobie. Gender non-conformiteit kan dus mogelijk niet alleen een risicofactor zijn voor lagere psychische gezondheid onder LHB-personen, maar kan vanwege de negatieve samenhang met geïnternaliseerde homofobie ook een beschermende werking hebben. Verdere analyses toonden aan dat de gemedieerde relatie van gender non-conformiteit en psychische gezondheid via homofobische afwijzing significant was voor HB-mannen, maar niet voor LB-vrouwen.

Hoofdstuk 5 presenteert de bevindingen van een onderzoek naar verschillen tussen jongeren met gevoelens voor hetzelfde geslacht (SSA) en zonder deze gevoelens (niet-SSA) en tussen jongens en meisjes in de longitudinale relaties tussen gender non-conformiteit, pestgedrag en psychische gezondheid. De resultaten laten zien dat voor alle subgroepen (i.e., SSA en niet-SSA jongeren en jongens en meisjes), gender non-conformiteit niet gerelateerd was aan latere niveaus van pestgedrag en internaliserende problematiek. Gender non-conformiteit hing echter wel samen met lagere niveaus van externaliserende problemen op een later moment. Verder bleek ook dat voor alle subgroepen (behalve meisjes) internaliserende problemen samenhangen met latere hogere niveaus van gender non-conformiteit. Daarentegen bleken externaliserende problemen voor alle subgroepen (behalve meisjes) samen te hangen met lagere niveaus van gender non-conformiteit op een later moment. Voor SSA en niet-SSA jongeren, bleek verder dat pestgedrag samenhang met hogere niveaus van externaliserende problemen op een later moment, en externaliserende problemen samenhangen met latere hogere niveaus van pestgedrag.

Hoofdstuk 6 beschrijft een studie naar Nederlandse adolescenten waarin onderzocht werd of ouderacceptatie van invloed is op de relaties van gender non-conformiteit en seksuele aantrekking tot hetzelfde geslacht met psychische gezondheid. De resultaten lieten verschillende bevindingen zien voor jongens en voor meisjes. Voor jongens die hoge scores rapporteerden van acceptatie door hun vader bleek gender non-conformiteit niet significant samen te hangen psychologische stress en sociale angst. Voor meisjes die hoge scores rapporteerden van acceptatie door hun moeder bleek de relatie tussen seksuele aantrekking tot hetzelfde geslacht en sociale angst niet significant.

Hoofdstuk 7 beschrijft een samenvatting en discussie van de resultaten van de verschillende studies uit dit proefschrift en geeft suggesties voor vervolgonderzoek. Gender non-conformiteit was gerelateerd aan een lager welbevinden, gedeeltelijk vanwege meer pesten/afwijzing. Deze relaties waren sterker voor jongeren met SSA en ook sterker voor mannen. Voor jongens bleek acceptatie door vaders beschermend te werken tegen negatieve gezondheidsuitkomsten die samenhangen met gender non-conformiteit. Voor meisjes bleek acceptatie door moeders beschermend te werken tegen negatieve gezondheidsuitkomsten die samenhangen met SSA.

Vervolg studies zouden de volgende aanbevelingen in overweging kunnen nemen: (1) Het gebruik van zowel een pest/afwijzingsmaat gerelateerd aan de seksuele oriëntatie en een pest/afwijzingsmaat gerelateerd aan de genderexpressie/identiteit; (2) Een kwalitatieve studie naar welke aspecten van gender-non-conformiteit afwijzing/pestgedrag het meest uitlokken; (3) Een sterkere focus op factoren die welbevinden bevorderen onder gender non-conforme en seksuele minderheidjongeren.

CURRICULUM VITAE

Curriculum vitae

Gabriël van Beusekom was born on April 30th, 1983 in Utrecht. He graduated from high school in 1999 (St. Aloysius Mavo, Hilversum). In 2002, he completed a middle level applied education in social work (ROC Dudok, Hilversum). In 2005, Gabriël obtained a bachelor's degree in social work from the Utrecht University of Applied Sciences (Hogeschool Utrecht). After graduating, Gabriël worked several years as a group leader in addiction and forensic psychiatry.

He started a bachelor's program in 2008 in Child Development, Parenting, and Education at the University of Amsterdam and completed this program in 2011. He followed with a research master in Educational Sciences at the University of Amsterdam and graduated with honors in 2013.

During his bachelor's and master's program at the University of Amsterdam, Gabriël worked closely with Prof. Bos on several research projects on gender non-conforming and sexual minority youth. This collaboration formed the basis for the current dissertation. Currently, Gabriël is working as a researcher on LGBT-issues at the Netherlands Institute for Social Research (SCP, The Hague).

Publications

- Bos, H. M. W., Van Beusekom, G., & Sandfort, T. G. M. (2014). sexual attraction and psychological adjustment in Dutch adolescents: Coping style as a mediator. *Archives of Sexual Behavior*, *43*, 1579-1588.
- Bos, H. M. W., Van Beusekom, G., & Sandfort, T.G.M. (2015). Drinking motives, alcohol use, and sexual attraction in youth. *American Journal of Public Health*.
- Collier, K. L., Van Beusekom, G., H. M. W., & Sandfort, T. G. M. (2013). Sexual orientation and gender identity/expression related peer victimization in adolescence: A systematic review of associated psychosocial and health outcomes. *Journal of Sex Research*, *50*, 299-317.
- Van Beusekom G., Collier K., Bos, H. M. W., & Sandfort T. G. M. (2014). Een literatuurstudie naar de psychosociale uitkomsten van negatieve bejegening door leeftijdgenoten gerelateerd aan de seksuele oriëntatie of genderidentiteit/expressie van jongeren. *Tijdschrift voor Seksuologie*, *38*, 49-57.
- Van Beusekom, G., Bos, H. M. W., Baams, L., Overbeek, G., & Sandfort, T. G. M. (2015). Gender nonconformity, homophobic peer victimization, and mental health: How same-sex attraction and biological sex matter. *Journal of Sex Research*, *53*, 98-108.
- Van Beusekom, G., Bos, H. M. W., Overbeek, G., & Sandfort, T. G. M. (2015). The protective role of parental acceptance in the association of same-sex attraction and gender nonconformity with mental health. *Psychology of Sexual Orientation and Gender Diversity*, *2*, 307-312.
- Van Beusekom, G., Bos, H. M. W., Kuyper, L., Overbeek, G., & Sandfort, T. G. M. (2016). Gender nonconformity and mental health among lesbian, gay and bisexual adults: homophobic stigmatization and internalized homophobia as mediators. *Journal of Health Psychology*.
- Van Beusekom, G., Roodenburg, S. C., & Bos, H. M. W. (2012). De rol van seksuele aantrekking tot hetzelfde geslacht en gender nonconformiteit in relaties van adolescenten met leeftijdgenoten. *Kind En Adolescent*, *33*(4), 251-263. doi:10.1007/s12453-012-0031-3
- Van Beusekom, G., Roodenburg S., & Bos, H. M. W. (2015). Seksuele aantrekking en gender nonconformiteit [. In H..W. Geeraets (Ed.), *Intieme relaties en seksualiteit* (pp. 77-88). Houten: Bohn Stafleu van Loghum.

Oral presentations at international conferences

- Van Beusekom, G., Bos, H. M. W., Overbeek, G., & Sandfort, T. G. M. (2016). The protective roles of parental acceptance in the association of same-sex attraction and gender nonconformity with mental health. Presented at the International Conference of Psychology (ICP), 24-29 July 2016, Yokohama, Japan.
- Van Beusekom, G., Bos, H. M. W., Overbeek, G., & Sandfort, T. G. M. (2016). Gender nonconformity and peer victimization: Sexual attraction and gender differences by age. Presented at the World Professional Association for Transgender Health (WPATH) Symposium, 17-21 June 2016, Amsterdam, Nederland.
- Van Beusekom, G., Bos, H. M. W., Overbeek, G., & Sandfort, T. G. M. (2017). Gender nonconformity and peer victimization: Sexual attraction and gender differences by age. Presented at the European Association of Developmental Psychology (EADP), 28-29 August 2017, Utrecht, Nederland.
- Van Beusekom, G., Garst, G. J. A., Van De Bongardt, D., Bos, H. M. W., Sandfort, T. G. M., & Overbeek, G. (2017). Gender Nonconformity, Peer Victimization, and Internalizing and Externalizing Problems: A Two-Year Three-Wave Longitudinal Study. Presented at the Society for Research in Child Development (SRCD), 6-8 April 2017, Austin Texas, VS.
- Van Beusekom, G., Kuyper, L., Bos, H. M. W., Overbeek, G., & Sandfort, T. G. M. (2016). Gender nonconformity and mental health among lesbian, gay and bisexual adults: Homophobic stigmatization and internalized homophobia as mediators. Presented at the International Conference of Psychology (ICP), 24-29 July 2016, Yokohama, Japan.