

Tobacco in Australia

Facts & Issues

Relevant news and research

5.28 Peer-based approaches

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Research:

Khalil, G, Ramirez, E, Khan, M, Zhao, B, Ribeiro, N, & Balian, P. (2024). Risk Perception and Knowledge Following a Social Game-Based Tobacco Prevention Program for Adolescents: Pilot Randomized Comparative Trial. *JMIR Serious Games*, 12, e63296. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39499912>

Lam, KKW, Ho, KY, Leung, DYP, Wong, AKC, Wu, CST, Liu, CQ et al . (2024). Training secondary school students as anti-smoke ambassadors using the service-learning model: A cluster randomized controlled trial with hybrid type 1 effectiveness-implementation design study protocol. *PLoS One*, 19(11), e0313404. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39541363>

Fithria, F, Hartaty, N, & Susanti, SS. (2023). The Effectiveness of Self-Help Group (SHG) Intervention on Smoking Prevention of Adolescents in Aceh, Indonesia: A Controlled Field Trail. *Asian Pac J Cancer Prev*, 24(3), 991-997. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36974554>

Miller, CC, Xiao, M, Lay, DJ, Miley, SN, Vanderford, NL, & Ickes, MJ. (2023). The Impact of a Virtual Tobacco Prevention and Advocacy Training Among Youth in Appalachian Kentucky Communities. *Tob*

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Use Insights, 16, 1179173X221150747. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36844175>

Manning, V, Kelly, PJ, & Baker, AL. (2020). The role of peer support and mutual aid in reducing harm from alcohol, drugs and tobacco in 2020. *Addict Behav*, 109, 106480. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32504840>

Toledo, G, McQuoid, J, & Ling, PM. (2020). "It's Not Too Aggressive": Key Features of Social Branding Anti-Tobacco Interventions for High-Risk Young Adults. *Health Promot Pract*, 1524839920910372. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32111139>

Brown, LD, Bandiera, FC, & Harrell, MB. (2019). Cluster Randomized Trial of Teens Against Tobacco Use: Youth Empowerment for Tobacco Control in El Paso, Texas. *Am J Prev Med*, 57(5), 592-600. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31564599>

Mohammadi, M, Ghaleiha, A, & Rahnama, R. (2019). Effectiveness of a Peer-Led Behavioral Intervention Program on Tobacco Use-Related Knowledge, Attitude, Normative Beliefs, and Intention to Smoke among Adolescents at Iranian Public High Schools. *Int J Prev Med*, 10, 111. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31360358>

Chung, OK, Li, WHC, Ho, KY, Kwong, ACS, Lai, VWY, Wang, MP et al. A descriptive study of a Smoke-free Teens Programme to promote smoke-free culture in schools and the community in Hong Kong. *BMC Public Health*, 2019. 19(1), 23. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30616578>

Notley, C, Cox, S, Jakes, S., & Ross, L. What is the value of peer involvement in advancing tobacco harm reduction? *Harm Reduct J*, 2019. 16(1), 2. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30616559>

Yoo, HH, Lee, SY. Evaluation of effectiveness of peer education on smoking behavior among high school students. *Saudi Med J*. 2018 Jun;39(6):635-637. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29915863>

Walker, MW, Navarro, MA, Hoffman, L, Wagner, DE, Stalgaitis, CA, Jordan, JW. The Hip Hop peer crowd: An opportunity for intervention to reduce tobacco use among at-risk youth. *Addict Behav*. 2018 Feb 10;82:28-34. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29477904>

Mall, ASK, Bhagyalaxmi, A. An Informal School-based, Peer-led Intervention for Prevention of Tobacco Consumption in Adolescence: A Cluster Randomized Trial in Rural Gandhinagar. *Indian J Community Med*. 2017 Jul-Sep;42(3):143-146. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28852276>

Marsh, L, Iosua, E, McGee, R, White, J. New Zealand adolescents' discouragement of smoking among their peers. *Aust N Z J Public Health*, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28749572>

Holliday, J et al. Identifying well-connected opinion leaders for informal health promotion: The example of the ASSIST smoking prevention program. *Health Commun*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26699125>

Woodgate, RL, Busolo, DS. A qualitative study on Canadian youth's perspectives of peers who smoke: an opportunity for health promotion. *BMC Public Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26710765>

MacArthur, GJ et al. Peer-led interventions to prevent tobacco, alcohol and/or drug use among young people aged 11-21 years: a systematic review and meta-analysis. *Addiction*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26518976>

Kousoulis, AA et al. From the classroom to facebook: a fresh approach for youth tobacco prevention. *American Journal of Health Promotion*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26158687>

Moran MB and Sussman S. Changing Attitudes Toward Smoking and Smoking Susceptibility Through Peer Crowd Targeting: More Evidence From a Controlled Study. *Health Commun*, 2014:1-4. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25204200>

5.28.1 Peer education approaches to youth smoking

Demeester, B, Verloigne, M, Willems, S, Leta, K, & Lauwerier, E. (2024). Preventing smoking initiation in adolescents living in vulnerable socioeconomic conditions: Study protocol of the KickAsh!-intervention. *Scand J Public Health*, 14034948241236232. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38481024>

Kawabata, Y, Dalisay, F, & Pokhrel, P. (2024). Resistance to peer influence, smoking friends, cigarette and betel nut use, and gender among Pacific Islander youth. *J Ethn Subst Abuse*, 1-19. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38206103>

Khalil, GE, Kim, J, McLean, D, Ramirez, E, Zhao, B, & Salloum, RG. (2023). Identifying adolescents' gaming preferences for a tobacco prevention social game: A qualitative study. *PLoS One*, 18(7), e0289319. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37506112>

Al-Sheyab, NA, Khader, YS, Shah, S, Roydhouse, JK, Gallagher, R. The Effect of a "Class Smoke Free Pledge" on Breath Carbon Monoxide in Arabic Male Adolescents. *Nicotine Tob Res*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28340136>

5.28.2 Are peer education interventions effective?

Mermer, G, Bilgic, N, Keskin, S, & Gunay, T. (2024). Effect of peer education on knowledge and frequency of smoking among high school students in disadvantaged districts: A quasi-experimental study. *J Pak Med Assoc*, 74(6), 1089-1093. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38948977>

Lareyre, O, Cousson-Gelie, F, Pereira, B, Stoebner-Delbarre, A, Lambert, C, & Gourlan, M. (2024). Effect of a peer-led prevention program (P2P) on smoking in vocational high school students: Results from a two-school-year cluster-randomized trial. *Addiction*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38780044>

Song, R, & Park, M. (2021). Meta-analysis of the effects of smoking prevention programs for young adolescents. *Child Health Nurs Res*, 27(2), 95-110. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35004501>

Goings, TC, Hidalgo, ST, Howard, MO. Cigarette-Smoking Trajectories of Monoracial and Biracial Blacks: Testing the Intermediate Hypothesis. *Am J Orthopsychiatry*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28639793>

News reports:

No authors listed. Youth focus. *Swan Hill Guardian*, 2019. July 11, 2019. Available from: <https://customreport.mediaportal.com/#/articlepresenter/ebc36b53-6cb8-4469-8135-d8e55bf6be94/507177921/1180191222? k=zne957>

No authors listed. Peers can reduce tobacco use among younger smokers. *Medical Xpress (PhysOrg.com)*, 2017. Oct 27, 2017. Available from: <https://medicalxpress.com/news/2017-10-peers-tobacco-younger-smokers.html>

No authors listed. Students rewarded scholarships for taking action on tobacco. *Truth Initiative (American Legacy Foundation)*, 2017. Oct 2, 2017. Available from: <https://truthinitiative.org/news/students-rewarded-scholarships-taking-action-tobacco>

Saw, A, Steltenpohl, CN, Bankston-Lee, K and Tong, EK. A Community-Based "Street Team" Tobacco Cessation Intervention by and for Youth and Young Adults. *J Community Health*, 2017. Available from: <https://link.springer.com/article/10.1007%2Fs10900-017-0435-3>