

- Zheng X, Shaffer JR, McHugh CP, Laurie CC, Feenstra B, Melbye M, Murray JC, Marazita ML, Feingold E. Using family data as a verification standard to evaluate copy number variation calling strategies for genetic association studies. *Genetic Epidemiology*. 2012 Apr;36(3):253-62. PMID: 22714937, NIHMS457764.
- Kwon S, Janz KF. Tracking of accelerometry-measured physical activity during childhood: ICAD pooled analysis. International Children's Accelerometry Database (ICAD) Collaborators. *International Journal of Behavioral Nutrition and Physical Activity* 2012;9:68. PMID: 22676230, NIHMS348990.
- Cardadeiro G, Baptista F, Ornelas R, Janz KF, Sardinha LB. Sex specific association of physical activity on proximal femur BMD in 9 to 10 year-old children. *PLoS One* 2012; 7(11):e50657. doi: 10.1371/journal.pone.0050657. Epub 2012 Nov 29. PMID: 23209801
- Morrissey JL, Wenthe PJ, Letuchy EM, Levy SM, Janz KF. Specific types of family support and adolescent non-school physical activity levels. *Pediatric Exercise Science* 2012; 24(3): 333-346. PMID: 22971551
- Rankin SJ, Levy SM, Warren JJ, Eichenberger Gilmore J, Broffitt B. Fluoride content of solid foods impacts daily intake. *Journal of Public Health Dentistry* 2012;72(2):128-134. PMID 22315974
- Agrawal A, Freedman N, Cheng Y, Lin P, Shaffer JR, Sun Q, Taylor KC, Yaspan BL, Cole J, Corneli M, DeSensi RS, Fitzpatrick A, Heiss G, Kang J, Bookman E, Bucholz K, Caporaso N, Crout R, Dick D, Edenberg H, Goate A, Hesselbrock V, Kittner S, Kramer J, Nurnberger J, Qi L, Rice J, Schuckit M, van Dam R, Boerwinkle E, Hu F, Levy S, Marazita ML, Mitchell B, Pasquale L, O'Connell J, Bierut L, Siiri N, Bennet. Measuring Alcohol Consumption for Genomic Meta-Analyses of Alcohol Intake: Opportunities and Challenges. *The American Journal of Clinical Nutrition* 2012;95(3):539-47. PMID: 22301922
- Kwon S, Burns TL, Levy SM, Janz KF. Breaks in Sedentary Time during Childhood and Adolescence: Iowa Bone Development Study. *Medicine & Science in Sports & Exercise* 2012;44(6):1075-1080. PMID: 22215180
- Hartz SM, S Short, NL Saccone, R Culverhouse, LS Chen, T Schwantes-An, H Coon, Y Han, SH Stephens, J Sun, X Chen, F Ducci, N Dueker, N Franceschini, J Frank, F Geller, D Guöbjartsson, N Hansel, C Jiang, K Keskitalo-Vuokko, J Liu, L Lyytikäinen, M Michel, R Rawal, A Rosenberger, P Scheet, JR Shaffer, A Teumer, JR Thompson, JM Vink, N Vogelzangs, A Wenzlaff, W Wheeler, X Xiangjun, BZ Yang, SH Aggen, A Balmforth, S Baumeister, T Beaty, S Bennett, A Bergen, H Boyd, U Broms, H Campbell, N Chatterjee, J Chen, YC Cheng, S Cichon, D Couper, F Cucca, D Dick, T Foroud, H Furberg, I Giegling, F Gu, A S Hall, J Hällfors, S Han, AM Hartmann, C Hayward, K Heikkilä, JK Hewitt, JJ Hottenga, M Jensen, P Jousilahti, M Kaakinen, S Kittner, B Konte, T Korhonen, MT Landi, T Laatikainen, M Leppert, SM Levy, R Mathias, DW McNeil, S Medland, G Montgomery, T Muley, T Murray, M Nauck, K North, M Pergadia, O

- Polasek, E Ramos, S Ripatti, A Risch, I Ruczinski, I Rudan, V Salomaa, D Schlessinger, U Styrkársdóttir, A Terracciano, M Uda, G Willemsen, X Wu, G Abecasis, K Barnes, H Bickeböller, E Boerwinkle, DI Boomsma, N Caporaso, J Duan, HJ Edenberg, C Francks, PV Gejman, J Gelernter, HJ Grabe, H Hops, MR Jarvelin, V Jorma, M Kähönen, KS Kendler, T Lehtimäki, DF Levinson, ML Marazita, J Marchini, M Melbye, B Mitchell, JC Murray, MM Nöthen, BW Penninx, O Raitakari, M Rietschel, D Rujescu, N J Samani, AR Sanders, A Schwartz, S Shete, J Shi, M Spitz, K Stefansson, G Swan, T Thorgeirsson, H Völzke, Q Wei, HE Wichmann, C Amos, N Breslau, D Cannon, M Ehringer, R Grucza, D Hatsukami, A Heath, E Johnson, J Kaprio, P Madden, NG Martin, V Stevens, JA Stitzel, RB Weiss, P Kraft, LJ Bierut. Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. *Archives of General Psychiatry* 2012;69(8):854-860. PMID: 22868939
- Kavand G, Broffitt B, Levy SM, Warren JJ. Comparison of Dental Esthetic Perceptions of Young Adolescents and Their Parents. *Journal of Public Health Dentistry* 2012; 72(2):164-171. PMID: 22364682
- Cruz-Orcutt N, Warren JJ, Broffitt B, Levy SM, Weber-Gasparoni K. Examiner Reliability of Fluorosis Scoring: A Comparison of Photographic and Clinical Examination Findings. *Journal of Public Health Dentistry* 2012;72(2):172-175. PMID 22316120
- Wang X, Willing MC, Marazita ML, Wendell S, Warren JJ, Broffitt, Lidral A, Smith B, Levy SM. Genetic and environmental factors associated with dental caries in children: the Iowa Fluoride Study. *Caries Research* 2012;46(3):177-184. PMID 22508493.
- Chen KY, Janz KF, Zhu W, Brychta RJ. Re-defining the roles of sensors in objective physical activity monitoring. *Medicine and Science in Sports and Exercise* 2012;44(Suppl 1):S13-23. PMID 22157770
- Baptisma F, Janz KF. Physical activity in youth: Growth and development. Invited chapter for *Physical Activity and Public Health Practice*, Ainsworth BE and Macera CA, ed. Taylor and Francis: London, 2012.
- Baptisma F, Janz KF. Physical activity, bone growth, and development in children and adolescents: A public health perspective. Invited chapter for *Handbook of Growth and Growth Monitoring in Health and Disease*, Preedy VR, ed. Springer: New York, 2012.
- Gunter KB, Almstedt HC, Janz KF. Physical Activity in Childhood May Be the Key to Optimizing Lifespan Skeletal Health. *Exercise and Sport Sciences Reviews* 2012;40(1):13-21. PMID: 21918458.
- Sampaio FC, Levy SM. Systemic fluoride. *Monographs in Oral Science* 2011;22:133-45. PMID 21701196
- Buzalaf MA, Levy SM. Fluoride intake of children: considerations for dental caries and dental fluorosis. *Monographs in Oral Science* 2011;22:1-19. PMID 21701188

- Gunter KB, Almstedt HC, Baptista F, Janz KF. The importance of physical activity for optimal lifelong bone health. *President's Council on Fitness, Sports & Nutrition Research Digest*, Series 12, 4, 2011.
- Geller F, Feenstra B, Zhang H, Shaffer JR, Hansen T, Esserlind AL, Boyd HA, Nohr EA, Timpson NJ, Fatemifar G, Paternoster L, Evans DM, Weyant RJ, Levy SM, Lathrop M, Smith GD, Murray JC, Olesen J, Werge T, Marazita ML, Sørensen TI, Melbye M. Genome-wide association study identifies four loci associated with eruption of permanent teeth. *PLoS Genetics* 2011;7(9):e1002275. Epub Sept. 8, 2011. PMID 21931568
- Shaffer JR, Wang X, Feingold E, Lee M, Begum F, Weeks DE, Cuenco KT, Barmada MM, Wendell SK, Crosslin DR, Laurie CC, Doheny KF, Pugh EW, Zhang Q, Feenstra B, Geller F, Boyd HA, Zhang H, Melbye M, Murray JC, Weyant RJ, Crout R, McNeil DW, Levy SM, Slayton RL, Willing MC, Broffitt B, Vieira AR, Marazita ML. Genome-wide association scan for childhood caries implicates novel genes. *Journal of Dental Research* 2011;90(12):1457-1462. PMID 21940522.
- Francis SL, Stancel MJ, Sernulka-George FD, Broffitt B, Levy SM, Janz KF. Tracking of TV and video gaming during childhood: Iowa Bone Development Study. *International Journal of Behavioral Nutrition and Physical Activity* 2011;8(1):100. PMID 21943061
- Hong L, Levy SM, Warren JJ, Broffitt B. Amoxicillin Use During Early Childhood and Fluorosis of Later Developing Tooth Zones. *Journal of Public Health Dentistry* 2011;71(3):229-235. PMID: 21972463
- Chankanka O, Cavanaugh JE, Marshall TA, Levy SM, Warren JJ, Broffitt B, Kolker, JL. Longitudinal associations between children's dental caries and risk factors. *Journal of Public Health Dentistry* 2011;71 :289-300. PMID 22320287
- Phattarataratip E, Olson B, Broffitt B, Qian F, Brogden KA, Drake DR, Levy SM, Banas JA. *Streptococcus mutans* strains recovered from caries-active or caries-free individuals differ in sensitivity to host antimicrobial peptides. *Molecular Oral Microbiology* 2011;26(3):187-199. PMID:21545696
- Chankanka O, Marshall TA, Cavanaugh J, Levy SM, Warren JJ, Broffitt B, Kolker J. Mixed dentition cavitated caries incidence and dietary intake frequencies. *Pediatric Dentistry* 2011;33(3):233-240. PMID: 21703076, NIHMS475150
- Kwon S, Janz KF, Burns TL, Levy SM. Association between light-intensity physical activity and adiposity in childhood. *Pediatric Exercise Science* 2011;23(2):218-229. PMID:21633134
- Kwon S, Janz KF, Burns TL, Levy SM. Effects of Adiposity on Physical Activity in Childhood: Iowa Bone Development Study. *Medicine and Science in Sports and Exercise* 2011. 43(3):443-448. PMID: 20631643

Rankin SJ, Levy SM, Warren JJ, Gilmore JE, Broffitt B. Relative validity of a food frequency questionnaire for assessing dietary fluoride intakes of infants and young children living in Iowa. *Public Health Nutrition* 2011; 14(7):1229-1236. PMID 21450138

Martinez-Mier EA, Cury JA, Heilman JR, Katz BP, Levy SM, Li Y, Maguire A, Margineda J, O'Mullane D, Phantumvanit P, Soto-Rojas AE, Stookey GK, Villa A, Wefel JS, Whelton H, Whitford GM, Zero DT, Zhang W, Zohouri V. Development of gold standard ion-selective electrode-based methods for fluoride analysis *Caries Research* 2011;45(1):3-12. PMID: 21160184.