

Asenze Publications and Published Abstracts 2006 through January 2022

[Kauchali S, Davidson LL. Commentary: The epidemiology of neurodevelopmental disorders in Sub-Saharan Africa: moving forward to understand the health and psychosocial needs of children, families and communities Int J Epid 2006;35:689-90. PMID 16672308.](#)

Davidson LL, Kauchali S, Kvalsvig J, Mellins CA, Chhagan M, Arpadi SM, Taylor M. The ASENZE study: investigating the impact of HIV and psychosocial challenges on pre- school aged children. Abstract in Journal of Intellectual Disability Research 2008; 52:159.

Kauchali S, Arpadi S, Chhagan M, Kvalsvig J, Davidson LL, Adhikari M and Stein ZA. Disability in indigenous South African Children in a time of HIV. Abstract in Journal of Intellectual Disability Research 2008; 52:160

Khan, NZ, Davidson LL, Durkin M, Rahman A, Scherzer, AL. Roundtable: Epidemiology of autistic spectrum disorders in low-income countries: Need for cross-culturally valid screening and diagnostic tools. Journal of Intellectual Disability Research 2008; 52:767.

Kvalsvig JD, Kauchali S, Davidson LL. Developmental disability in a time of HIV and AIDS: measures of children's cognitive development. Abstract in Journal of Intellectual Disability Research 2008; 52:159

[Chhagan MK, Kauchali S, Arpadi SM, Craib MH, Bah F, Stein Z, Davidson LL. Failure to test children of HIV-infected mothers in South Africa: implications for HIV testing strategies for preschool children. Trop Med Int Health. 2011 Dec;16\(12\):1490-4. doi: 10.1111/j.1365-3156.2011.02872.x. Epub 2011 Aug 31. PMID: 21883725; PMCID: PMC3234311.](#)

[Davidson LL, Kauchali S, Chhagan MK, Bah F, Uwemedimo OOT, Craib MH, McKeague I. The use of a wealth index within an impoverished community: A cohort study in KwaZulu-Natal, South Africa. J Epidem Com Health. 2012;66 Supp 1:A59.](#)

Davidson LL, Kauchali S, Chhagan M, Kvalsvig J, Craib M, Bah F, Arpadi SM, Taylor M, Mellins CA, Stein ZA. Screening for childhood neurodisability in a cohort of preschool children in Kwazulu-Natal, South Africa. J Intellectual Disability Research 2012;56:P. 768.

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[Chhagan, M.K., Mellins, C.A., Kauchali, S. et al. Mental Health Disorders Among Caregivers of Preschool Children in the Asenze Study in KwaZulu-Natal, South Africa. *Matern Child Health J* 18, 191–199 \(2014\). <https://doi.org/10.1007/s10995-013-1254-5>](#)

[Uwemedimo OT, Arpadi SM, Chhagan MK, Kauchali S, Craib MH, Bah F, Davidson LL. Compliance with referrals for non-acute child health conditions: evidence from the longitudinal ASENZE study in KwaZulu Natal, South Africa. BMC Health Serv Res. 2014 Jun 3;14:242. doi: 10.1186/1472-6963-14-242. PMID: 24888212; PMCID: PMC4067123.](#)

[Gwetu, T P, Chhagan, M, Craib, M, Taylor, M, & Kauchali, S. \(2015\). Persistent and new-onset anaemia in children aged 6 - 8 years from KwaZulu-Natal Province, South Africa. *South African Journal of Child Health*, 9\(4\), 127-129. <https://dx.doi.org/10.7196/sajch.2015.v9i4.929>](#)

[Davidson LL, Grigorenko EL, Boivin MJ, Rapa E, Stein A. A focus on adolescence to reduce neurological, mental health and substance-use disability. *Nature*. 2015 Nov 19;527\(7578\):S161-6. doi: 10.1038/nature16030. PMID: 26580322.](#)

[Taylor, M., Knox, J., Chhagan, M.K. et al. Screening Caregivers of Children for Risky Drinking in KwaZulu-Natal, South Africa. *Matern Child Health J* 20, 2392–2401 \(2016\). <https://doi.org/10.1007/s10995-016-2066-1>](#)

[Mellins CA, Kauchali S, Nestadt DF, Bai D, Aidala A, Myeza N, Craib MH, Kvalsvig J, Leu CS, Knox J, Arpadi S, Chhagan M, Davidson LL. Validation of the Client Diagnostic Questionnaire to Assess Mental Health in South African Caregivers of Children. *Clin Psychol Psychother*. 2017 Jan;24\(1\):245-254. doi: 10.1002/cpp.2008. Epub 2016 Feb 28. PMID: 26923182; PMCID: PMC5002382.](#)

[Chander P, Kvalsvig J, Mellins CA, Kauchali, S, Arpadi MS, Taylor M, Knowx JR, Davidson, LL. Intimate Partner Violence and Child Behavioral Problems in South Africa. *Pediatrics*. 2017;139\(3\): e20161059](#)

[Ajayi, O.R., Matthews, G., Taylor, M., Kvalsvig, J., Davidson, L.L., Kauchali, S. and Mellins, C.A. \(2017\), Factors associated with the health and cognition of 6-year-old to 8-year-old children in KwaZulu-Natal, South Africa. *Trop Med Int Health*, 22: 631–637. <https://doi.org/10.1111/tmi.12866>](#)

[Ajayi OR, Matthews GB, Taylor M, Kvalsvig JD, Davidson L, Kauchali S and Mellins C \(2017\) Structural Equation Modeling of the Effects of Family, Preschool, and Stunting on the Cognitive Development of School Children. *Front. Nutr*. 4:17. doi: 10.3389/fnut.2017.00017](#)

[Gwetu, T. P., Chhagan, M. K., Taylor, M., Kauchali, S., & Craib, M. \(2017\). Anaemia control and the interpretation of biochemical tests for iron status in children. *BMC Research Notes*, 10 doi:<http://dx.doi.org/10.1186/s13104-017-2472-5>](#)

[Mellins CA, Xu Q, Nestadt DF, Knox J, Kauchali S, Arpadi S, Kvalsvig J, Shrouf PE, Davidson LL. Screening for Mental Health Among Young South African Children: The Use of the Strengths and Difficulties Questionnaire \(SDQ\). *Glob Soc Welf*. 2018 Mar;5\(1\):29-38. Epub 2018 Jan 29. PMID: 30038880; PMCID: PMC6054470.](#)

[Knox J, Arpadi SM, Kauchali S, Craib M, Kvalsvig JD, et al. \(2018\) Screening for developmental disabilities in HIV positive and HIV negative children in South Africa: Results from the Asenze Study. *PLOS ONE* 13\(7\): e0199860. <https://doi.org/10.1371/journal.pone.0199860>](#)

[Gwetu, Thando P., Taylor, Myra, Chhagan, Meera, Craib, Murray, & Kauchali, Shuaib. \(2019\). Health and educational achievement of school-aged children: The impact of anaemia and iron status on learning. *Health SA Gesondheid \(Online\)*, 24, 1-8. <https://dx.doi.org/10.4102/hsag.v24i0.1101>](#)

[Ajayi OR, Matthews G, Taylor M, Kvalsvig JD, Davidson LL, Kauchali S, Mellins C. \(2020\) Association of anthropometric status and residential locality factors with cognitive scores of 4–6-year-old children in Kwazulu-Natal, South Africa, *South African Journal of Clinical Nutrition*, 33:4, 133-141, DOI: 10.1080/16070658.2019.1578115](#)

[Gruver RS, Mall S, Kvalsvig JD, Knox JR, Mellins CA, Desmond C, Kauchali S, Arpadi SM, Taylor M, Davidson LL. Cognitive and language development at age 4-6 in children HIV-exposed but uninfected compared to children HIV-unexposed and children living with HIV. *New Dir Child Adolesc Dev*. 2020 Jul 3. doi: 10.1002/cad.20351. Online ahead of print. PMID: 32618410.](#)

[Jokinen, T., Alexander, E.C., Manikam, L., Huq, T., Patil, P., Benjumea, D., Das, I., Davidson, L.L.. A Systematic Review of Household and Family Alcohol Use and Adolescent Behavioural Outcomes in Low- and Middle-Income Countries. *Child Psychiatry Hum Dev* 52, 554–570 \(2021\). <https://doi.org/10.1007/s10578-020-01038-w>](#)

[Nazareth ML, Kvalsvig JD, Mellins CA, Desmond C, Kauchali S, Davidson LL. Adverse Childhood Experiences \(ACEs\) and Child Behavior Problems in KwaZulu Natal, South Africa. *Child Care Health Dev.* 2021 Dec 15. doi: 10.1111/cch.12950. Epub ahead of print. PMID: 34913192.](#)

Azevedo Da Silva M, Alexander EC, Martins S, Naidoo S, Gruver R, Desmond C, Davidson LL. Household alcohol use and child behavior problems in South Africa: importance of the caregiver's role. (request for revisions from *Child Psychiatry & Human Development*).

Recent Asenze National and International Presentations 2019-2022 – list of earlier presentations available from principal investigators

Huq T, Alexander E, Manikam L, Jokinen T, Das I, Benjumea D, Davidson LL. A systematic review of household and family alcohol misuse and childhood developmental outcomes in low- and middle-income countries. Abstract. Royal College Paediatrics and Child Health (poster presented May 14, 2019) G290(P)

Jokinen T, Alexander E, Manikam L, Huq T, Benjumea D, Das I, Davidson LL. A systematic review of household and family alcohol misuse and adolescent behavioural outcomes in low- and middle-income countries. Abstract. Royal College Paediatrics and Child Health (poster presented May 14, 2019) G289(P)

Desmond C, Davidson LL. The Asenze Cohort in the Valley of 1000 Hills Findings from Childhood and Plans to Follow into Adolescence. University of KwaZulu-Natal Department of Public Health Medicine, School of Nursing, May 24, 2019.

Gruver R, Mall S, Kvalsvig J, Justin Knox J, Mellins CA, Desmond C, Kauchali S, Steve Arpadi SA, Taylor M, Davidson LL. Delayed cognitive and language development in 4-6-year-old HIV-infected children compared to HIV-exposed uninfected and HIV-unexposed children in KwaZulu-Natal, South Africa. Poster, SPER 2019.

Nazareth ML, Kvalsvig J, Mellins C, Desmond C, Kauchali S, Davidson LL. Adverse childhood experiences and child behavior problems in an HIV prevalent population in KwaZulu-Natal. Poster accepted at the 2020 AIDS Meeting, San Francisco.

Azevedo Da Silva M, Gruver R, Martins S, Naidoo S, Desmond C, Davidson LL. Household alcohol use and child behavior problems in South Africa: importance of the caregiver's role. Poster presentation at the 2020 Society for Epidemiologic Research Meeting (online).

Gruver RS, Kvalsvig JD, Desmond C, Knox JR, Mall S, Mellins CA, Davidson LL. Cognitive development, literacy and math achievement in 6-8-year-old children with HIV, children HIV-exposed but uninfected, and children HIV-unexposed. Oral presentation at the 2020 Society for Epidemiologic Research (SER) meeting (online).

Davidson LL, Challenges to Parenting in Asenze, a Population-based Cohort of Children and Primary Caregivers in KwaZulu-Natal, the Epicenter of the Global HIV Epidemic. Pediatric Grand Rounds. Children's Hospital of New York (CHONY) July 17, 2020.

Gruver R, Myeza NP, Mellins CA, Kvalsvig JD, Kauchali S, Martins SM, Naidoo S, Taylor M, Desmond C, Kane JC, Davidson LL. Caregiver and household predictors of stunted child growth in the Asenze cohort, South Africa. Oral presentation at the Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, and poster presentation at the Society for Epidemiologic Research Annual Meeting, June 2021.