

## **Inventory of Callous-Unemotional Traits References**

### **Factor and Network Analyses**

- Allen, J.L., Shou, Y., Wang, M., & Bird, E. (2021). Assessing the measurement invariance of the Inventory of Callous-Unemotional Traits in school students in China and the United Kingdom. *Child Psychiatry and Human Development*, 52, 343-354.
- Arango-Tobon, O.E., Pinilla-Monsalve, G.D., Grisales-Aguirre, A.M., Gomez-Tabares, A.S., & Carmona, C.A. (2022). Consistency and validity of the inventory of callous- unemotional traits in a multi-centric community sample. *Heliyon*, 8, e09789.
- Bansal, P.S, Babinski, D.E. Waxmonsky, J.G., & Waschbusch, D.A. (2022). Psychometric properties of parent ratings on the Inventory of Callous-Unemotional Traits in a nationally representative sample of 5- to 12- year olds. *Assessment*, 29, 242-256.
- Bansal, P.S., Goh, P.K., Lee, C.A., & Martel, M.M. (2020). Conceptualizing callous-unemotional traits in preschool through confirmatory factor and network analysis. *Journal of Abnormal Child Psychology*.
- Benesch, C., Gortz-Dorten, A., Breuer, D., & Dopfenr, M. (2014). Assessment of callous-unemotional traits in 6 to 12 year-old children with oppositional defiant disorder/conduct disorder by parent ratings. *Journal of Psychopathology and Behavioral Assessment*, 36, 519-529.
- Carvalho, M. Faria, M., Conceicao, A., Gasper de Matos, M., & Essau, C.A. (2018). Callous-unemotional traits in children and adolescents: Psychometric properties of the Portuguese Version of the Inventory of Callous-Unemotional Traits. *European Journal of Psychological Assessment*, 34, 101-110.
- Ciucci, E., Baroncelli, A., Franchi, M., Golmaryami, F.N., & Frick, P.J. (2014). The association between callous-unemotional traits and behavioral and academic adjustment in children: Further validation of the Inventory of Callous-Unemotional Traits. *Journal of Psychopathology and Behavioral Assessment*, 36, 189-200.
- Colins, O.F., Andershed, H., Hawes, S.W., Bijttebier, P., & Pardini, D.A. (2016). Psychometric properties of the original and short form of the Inventory of Callous-Unemotional Traits in detained female adolescents. *Child Psychiatry and Human Development*, 47, 679-690.
- Corbelli, G., Levantini, V., Muratori, P., Sensese, V.P. Bravaccio, C., Pisano, S., Catone, G., & Paciello, M. (2024). Assessing callous-unemotional traits across early adolescence: Further evaluations of short versions. *Child Psychiatry and Human Development*.
- de la Osa, N., Granero, R., Domenech, J.M., Shamay-Tsoory, S., & Ezpeleta, L. (2016). Cognitive and affective components of Theory of Mind in preschoolers with oppositional defiance disorder: Clinical evidence. *Psychiatry Research*, 241, 128-134.

- Deng, J., Shou, Y., Wang, M., Allen, J.L., Gao, Y., & Hawes, D.J. (2024). Core features of callous-unemotional traits: Across cultural comparison of youth in four countries. *European Child & Adolescent Psychiatry*, 33, 2681-2693.
- Deng, J., Wang, M., Shou, Y., & Gao, Y. (2021). Core features of callous-unemotional traits: Network analysis of the inventory of callous-unemotional traits in offender and community samples. *Journal of Clinical Psychology*, 77, 1487-1498.
- Essau, C.A., Sasagawa, S., & Frick, P.J. (2006). Callous-unemotional traits in a community sample of adolescents. *Assessment*, 13, 454-469.
- Ezpeleta, L., de la Osa, N., Granero, R., Penelo, E., & Domenech, J.M. (2013). Inventory of callous-unemotional traits in a community sample of preschoolers. *Journal of Clinical Child and Adolescent Psychology*, 42, 91-105.
- Fanti, K.A. Frick, P.J., & Georgiou, S. (2009). Linking callous-unemotional traits to instrumental and non-instrumental forms of aggression. *Journal of Psychopathology and Behavioral Assessment*, 31, 285-298.
- Feilhauer, J., Cima, M., & Arnts, A. (2012). Assessing callous-unemotional traits across different groups of youths: Further cross-cultural validation of the Inventory of Callous-Unemotional Traits. *International Journal of Law and Psychiatry*, 35, 251-262.
- Fix R.L. & Fix S.T. (2105). Trait psychopathy, emotional intelligence, and criminal thinking: Predicting illegal behavior among college students. *International Journal of Law and Psychiatry*, 42-43, 183-188.
- Goulter, N., & Moretti, M.M. (2021). Network structure of callous-unemotional traits and conduct disorder symptoms among at-risk youth: Multi-informant reports and gender differences. *Research on Child and Adolescent Psychopathology*, 49, 1179-1196.
- Gao, Y. & Zhang, W. (2016). Confirmatory factor analyses of self- and parent-report Inventory of Callous-Unemotional Traits, in 8-to 10-year-olds. *Journal of Psychopathology and Behavioral Assessment*, 38, 331-340.
- Hawes, S.M., Byrd, A.L., Henderson, C.E., Gazda, R.L., Burke, J.D., Loeber, R., & Pardini, D.A. (2013). Refining the parent-reported Inventory of Callous-Unemotional Traits in boys with conduct problems. *Psychological Assessment*, 26, 256-266.
- Hitti, S. A., McDonald, S.E., Green, K.E., Bouchard, L. M. & Sullivan T.N. (2021). Evaluation of the self-report inventory of callous-unemotional traits in a sample of urban middle school students: A multidimensional Rasch analysis. *Journal of Psychopathology and Behavioral Assessment*, 43, 332-342.

- Horan, J.M., Brown, J.L., Jones, S.M., & Aber, J.L. (2015). Assessing invariance across sex and race/ethnicity in measures of psychopathic characteristics. *Psychological Assessment*, 27, 657-668.
- Houghton, S., Hunter, S.C., & Crow, J. (2013). Assessing callous unemotional traits in children aged 7- to 12-years: A confirmatory factor analysis of the Inventory of Callous Unemotional Traits. *Journal of Psychopathology and Behavioral Assessment*, 35, 215-222.
- Kemp, E.C., Ray, J.V., Frick, P.J., Robertson, E.L., Fanti, K.A., Essau, C.A., Baroncelli, A., Ciucci, E., & Bijttebier, P. (2024). Inventory of Callous-Unemotional Traits (ICU) factor structure and measurement invariance in an adolescent multinational sample. *Journal of Clinical Child and Adolescent Psychology*, 53, 595-606.
- Kemp, E.C., Ray, J.V., Frick, P.J., Speck, J.S., Thornton, L.C., Myers, T.D.W., Robertson, E.L., Steinberg, L., & Cauffman, E. (2024). The Inventory of Callous-Unemotional Traits (ICU) self-report version: Factor structure, measurement invariance, and predictive validity in justice-involved male adolescents. *Psychological Assessment*, 36, 562-571.
- Khalil, A.E.M., Kuay, H.S., Hussain, M., & Kueh, Y.C. (2023). Validation of the Inventory of Callous-Unemotional Traits among school-going adolescents in Malaysia. *Plos One*, 18, e0276724.
- Kimonis, E.R., Branch, J., Hagman, B., Graham, N., & Miller, C. (2013). The psychometric properties of the Inventory of Callous-Unemotional Traits in an undergraduate sample. *Psychological Assessment*, 25, 84-93.
- Kimonis, E.R., Fanti, K.A., Anastassiou-Hadjicharalambous, X., Mertan, B., Goulter, N., & Katsimicha, E. (2016). Can callous-unemotional traits be reliably measured in preschoolers? *Journal of Abnormal Child Psychology*, 44, 625-638.
- Kimonis, E.R., Frick, P.J., Skeem, J., Marsee, M.A., Cruise, K., Munoz, L.C. Aucoin, K.J. & Morris, A.S. (2008). Assessing callous-unemotional traits in adolescent offenders: Validation of the Inventory of Callous-Unemotional Traits. *Journal of the International Association of Psychiatry and Law*. 31, 241-251.
- Kliem, S., Lhmann, A., Neumann, M., Glaubitz, C., Haselbach, S., Bergmann, M.C., & Baier, D. (2020). Factor structure of the Inventory of Callous-Unemotional Traits in a representative sample of German 9<sup>th</sup> grade students. *Journal of Abnormal Child Psychology*, 48, 43-55.
- Koutsogiorgi, C.C. Lordos, A., Fanti, K.A., & Michaelides, M.P. (2021). Factorial structure and nomological network of the Inventory of Callous-Unemotional Traits accounting for item keying variance. *Journal of Personality Assessment*, 103, 312-323.
- Kwon, E., Son, A., & Hwang, S. (2010). Validation study for the Inventory of Callous-

- Unemotional Traits with Korean Adolescents. *The Korean Journal of Youth Counseling*, 18, 1-16.
- Lopez-Romero, L., Gomez-Fragula, J.A. Romero, E. (2015). Assessing callous-unemotional traits in a Spanish sample of institutionalized youth: The Inventory of Callous-Unemotional Traits. *Journal of Psychopathology and Behavioral Assessment*, 37, 392-406.
- McDonald, S.E., Ma, L., Green, K.E., Hitti, S.A., Cody, A.M., Donovan, C., Williams, J.H., & Ascione, F.R. (2018). Evaluation of the parent report Inventory of Callous-Unemotional Traits in a sample of children recruited from intimate partner violence services: A multidimensional Rasch Analysis. *Journal of Clinical Psychology*, 74, 418-441.
- Miller, M.A. & Marsee, M.A. (2019). Emotional reactivity and antisocial behavior relative to posttraumatic stress symptom expression: A latent profile analysis. *Journal of Abnormal Child Psychology*, 47, 1339-1350.
- Nwafor, C. E. (2013). Validation of the inventory of callous-unemotional traits in the Nigerian Sample. *Practicum Psychologia*, 3, 84 – 93.
- Pechorro, P., Braga, T., Hawes, S.W., Gonalves, R.A., Simoes, M.R., & Ray, J.V. (2019). The Portuguese version of the Inventory of Callous-Unemotional Traits self-report and its short form among a normative sample of community youths. *Child Psychiatry and Human Development*, 50, 245-256.
- Pechorro, P., Ray, J.V., Barroso, R., Maroco, J., & Goncalves, R.A. (2016). Validation of the Inventory of Callous-Unemotional Traits among a Portuguese sample of detained juvenile offenders. *International Journal of Offender Therapy and Comparative Criminology*, 60, 349-365.
- Pihet, S., Etter, S., Shmid, M., & Kimonis, E.R. (2015). Assessing callous-unemotional traits in adolescents: Validity of the Inventory of Callous-Unemotional Traits across gender, age, and community/institutionalized status. *Journal of Psychopathology and Behavioral Assessment*, 37, 407-421.
- Roose, A., Bijtbier, P., Decoene, S., Claes, L., & Frick, P.J. (2010). Assessing the affective features of psychopathy in adolescence: A further validation of the Inventory of Callous and Unemotional Traits. *Assessment*, 17, 44-57.
- Thogersen, D.M., Andersen, M.E., & Bjornebekk, G. (2020). A multi-informant study of the validity of the Inventory of Callous-Unemotional Traits in a sample of Norwegian adolescents with behavior problems. *Journal of Psychopathology and Behavioral Assessment*.
- Ueno, K., Ackermann, K., Freitag, C.M., & Schwenck, C. (2021). Assessing callous-unemotional traits in 6- to 19-year-olds: Reliability, validity, factor structure, and norms of the German version of the inventory of Callous-Unemotional Traits. *Assessment*, 28,

- Yoshida S, Adachi M, Takahashi M, Takanyanagi N, Yasuda S, Osada H, et al. (2019) The factor structure and construct validity of the parent-reported Inventory of Callous-Unemotional Traits among school-aged children and adolescents. *PLoS ONE* 14: e0221046
- Waller, R., Wright, A.G.C., Shaw, D.S., Gardner, F., Dishion, T.J., Wilson, M.N., & Hyde, L.A. (2015). Factor structure and construct validity of the parent-reported inventory of callous-unemotional traits among high-risk 9-year-olds. *Assessment*, 22, 561-580.
- Wang, M., Gao, Y., Deng, J., Lai, H., Deng, Q., & Armour, C. (2017). The factor structure and construct validity of the Inventory of Callous-Unemotional Traits in Chinese undergraduate students. *PLOS One*, December 7, 2017.
- Wang, M., Shou, Y., Liang, J., Lai, H., Zeng, Chen, L., & Gao, Y. (2020). Further validation of the Inventory of Callous-Unemotional Traits in Chinese children: Cross-informants invariance and longitudinal invariance. *Assessment*, 27, 1668-1680.
- Wilke, J., Eilts, J., Baker, N., & Rademacher, A. (2024). Factor structure of callous unemotional traits and its associations with morality in middle childhood in a German community sample. *Current Psychology*, 43, 21871-21882.
- Willoughby, M.T., Mills-Koonce, W.R., Waschbusch, D.A., Gottfredson, N.C., & the Family Life Project Investigators. (2014). An examination of the parent report version of the Inventory of Callous Unemotional Traits in a community sample of 1<sup>st</sup> grade children. *Assessment*, 36, 30-42.
- Zhang, X., Shou, Y., Wang, M., Zhong, C., Luo, J., Gao, Y., & Yang, W. (2019). Assessing callous-unemotional traits in Chinese detained boys: Factor structure and construct validity of the Inventory of Callous-Unemotional Traits. *Frontiers in Psychology*, 10.

#### Testing Cut-Scores and Other Psychometrics

- Docherty, M., Boxer, P., Huesmann, L.R., O'Brien, & Bushman, B. (2017). Assessing callous-unemotional traits in adolescents: Determining cutoff scores for the Inventory of Callous and Unemotional traits. *Journal of Clinical Psychology*, 257-278.
- Kemp, E.C., Frick, P.J., Matlasz, T.M., Clark, J.E., Robertson, E.L., Ray, J.V., Thornton, L.C., Myers, T.D.W., Steinberg, L., & Cauffman, E. (2023). Developing cut-off scores for the Inventory of Callous-Unemotional Traits (ICU) in justice-involved and community samples. *Journal of Clinical Child and Adolescent Psychology*, 52, 519-532.
- Kimonis, E.R., Fanti, K.A., Frick, P.J., Moffitt, T.E., Essau, C., Bijltebier, P., & Marsee, M.A. (2015). Using self-reported callous-unemotional traits to cross-nationally assess the DSM-5 "With Limited Prosocial Emotions" specifier. *Journal of Child Psychology and*

*Psychiatry*, 56, 1249-1261.

Kimonis, E.R., Fanti, K., & Singh, J.P. (2014). Establishing cut-off scores for the parent-reported Inventory of Callous-Unemotional Traits. *Archives of Forensic Psychology*, 1, 27-48.

Kliem, S., Krieg, Y., Klatt, T., & Baier, D. (2022). Dimensional latent structure of callous-unemotional traits in German adolescents: Results from taxometric analyses. *Research on Child and Adolescent Psychopathology*, 50, 771-780.

Lin, B., Kerig, P.K., & Adkins, D.E. (2019). Cross-validation of the Inventory of Callous-Unemotional Traits across reporters and genders in a sample of detained youth. *Psychological Assessment*, 31, 15-26.

Matlasz, T. M., Frick, P.J., & Clark, J.E. (2023). A comparison of parent, teacher, and youth ratings on the Inventory of Callous-Unemotional Traits. *Assessment*, 30, 210-224.

Navarro-Gonzalez, D., Ferrando, P.J., & Vigil-Colet, A. (2018). Is general intelligence responsible for differences in individual reliability in personality measures? *Personality and Individual Differences*. 130, 1-5.

Pechorro, P., Hawes, S.W., Goncalves, R.A., & Ray, J.V. (2017). Psychometric properties of the Inventory of Callous-Unemotional Traits Short Version (ICU-12) among detained female juvenile offenders and community youths. *Psychology, Crime, and Law*, 23, 221-239.

Pueyo, N. Navarro, J., de la Osa, N., Penelo, E. & Ezpeleta, L (2022). Age and sex-specific cutoff scores for the teacher-report Inventory of Callous-Unemotional Traits on children. *Psychological Assessment*, 34, 611-649.

Ray, J.V., Frick, P.J., Thornton, L.C., Steinberg, L., & Cauffman, E. (2016). Positive and negative item wording and its influence on the assessment of callous-unemotional traits. *Psychological Assessment*, 28, 394-404.

Ray, J.V., Frick, P.J., Thornton, L.C., Myers, T.D.M., Steinberg, L., & Cauffman, E. (2019). Estimating and predicting the course of callous-unemotional traits in first-time adolescent offenders. *Child Development*, 55, 1709-1719.

#### Correlations with other Measures of Psychopathy

Breaux, R. Babinski, D.E., Willoughby, M.T., Haas, S.M., Coles, E.K., Pelham, W.E., Wasmonskey, J.G., & Waschbush, D.A. ((2020). Examining psychopathic traits in children using the Child Psychopathy Scale-Revised. *Journal of Abnormal Child Psychology*, 48, 251-263.

Elhami-Athar, M., Colins, O.F., Salekin, R.T., Pourabadi, P., & Aziz, M. (2025). Validating the

- Proposed Specifiers for Conduct Disorder (PSCD\_ in Iranian justice-involved youths: A multi-informant study of parent and youth self-reports versions. *Psychological Assessment*, 37, 85-99.
- Fink, B.C., Tant, A.S., Tremba, K., & Kiehl, K.A. (2012). Assessment of psychopathic traits in an incarcerated adolescent sample: A methodological comparison. *Journal of Abnormal Child Psychology*, 40, 971-986.
- Gillen, C.T.A., MacDougall, E.A.M., Forth, A.E., Barry, C.T., & Salekin, S.T. (2019). Validity of the Youth Psychopathic Traits Inventory-Short Version in justice-involved and at-risk adolescents. *Assessment*, 26, 479-491.
- Kongerslev, M.T., Bo, S., Forth, A.E., & Simonsen, E. (2015). Assessment of the affective dimensions of psychopathy with the Danish version of the Inventory of Callous-Unemotional Traits among incarcerated boys: A study of reliability, criterion validity, and construct validity. *Scandinavian Journal of Child and Adolescent Psychiatry and Psychology*, 3, 80-96.
- Kyranides, M.N., Fanti, K.A., Sikki, M., & Patrick, C.J. (2017). Triarchic dimensions of psychopathy in young adulthood: Associations with clinical and physiological measures after accounting for adolescent psychopathic traits. *Personality Disorders: Theory, Research, and Treatment*, 8, 140-149.
- Luo, J., Wang, M., Zhang, X., Deng, J., Huang, D., & Zhou, Z. (2021). Psychometric properties of the Youth Psychopathic Traits Inventory Triarchic Scales and its short version in Chinese male juvenile offenders. *Journal of Personality Assessment*, 103, 300-311.
- Neal, T.M.S., & Sellbom, M. (2012). Examining the factor structure of the Hare Self-Report Psychopathy Scale. *Journal of Personality Assessment*, 94, 244-253.
- Pechorro, P., da Silva, D.R., Rijo, D., Goncalves, R.A., & Andershed, H. (2017). Psychometric properties and measurement invariance of the youth psychopathic traits inventory-short version among Portuguese youth. *Journal of Psychopathology and Behavioral Assessment*, 39, 486-497.
- Zheng, Y., Zhang, J., Huang, L., & Goulter, N. (2021). Validation and measurement invariance of the Inventory of Callous-Unemotional Traits in Chinese incarcerated and normative samples. *Law and Human Behavior*, 45, 542-553.

#### Correlations with Antisocial Behavior

- Ansel, L.L., Barry, C.T., Gillen, C.T.A., & Herrington, L.L. (2015). An analysis of four self-report measures of adolescent callous-unemotional traits: Exploring unique prediction of delinquency, aggression, and conduct problems. *Journal of Psychopathology and Behavioral Assessment*, 37, 207-216.

- Antoniadou, N. & Kokkinos, C.M. (2025). Breaking the link: Parental attachment as a moderator in the relationship between callous-unemotional traits and cyber-bullying. *Child and Youth Care Forum*, 54, 207-225.
- Armstrong, T.A., Boisvert, D., Wells, J., & Lewis, R. (2020). Extending Steinberg's adolescent model of risk taking to the explanation of crime and delinquency: Are impulsivity and sensation seeking enough? *Personality and Individual Differences*, 165, 110133.
- Bansal, P.S., Goh, P.K., Eng, A.G., Elkins, A.R., Thaxton, M., & Martel, M.M. (2023). Utility of the Limited Prosocial Emotions specifier in preschoolers with conduct problems. *Assessment*, 30, 274-286.
- Bansal, P.S., Goh, P.K., Eng, A.G., Elkins, A.R., Thaxton, M., Smith, T., & Martel, M.M. (2021). Identifying the inter-domain relations among ODD, CD, and CU traits in preschool children using network analysis. *Research on Child and Adolescent Psychopathology*, 49, 1289-1301.
- Barhight, L.R., Hubbard, J.A., Grasseti, S.N., & Morrow, M.T. (2017). Relations between actual group norms, perceived peer behavior, and bystander children's intervention to bullying. *Journal of Clinical Child & Adolescent Psychology*, 46, 394-400.
- Beardslee, J., Miltmore, S., Fine, A., Frick, P.J., Steinberg, L., & Cauffman, E. (2019). Under the radar or under arrest: How is adolescent boys' first contact with the juvenile justice system related to future offending and arrests? *Law and Human Behavior*, 43, 342-357.
- Boxer, P., Huesmann, L.R., Bushman, B.J., O'Brien, M., & Mocer, D. (2009). The role of violent media preference in cumulative developmental risk for violence and general aggression. *Journal of Youth and Adolescence*, 38, 417-428.
- Bozsik, C., Kormendi, A., Inatsy-Pap J., Pataky, N., Gadoros, J., & Halasz, J. (2013). The relationship between reactive/proactive aggression, callous/unemotional traits and behavioural problems in Hungarian adolescents. *Psychiatria Hungarica*, 28, 48-56.
- Brandes, C.M., Reardon, K.W., Sheilds, A.N. & Tackett, J.L. (2021). Towards construct validity of relational aggression: An examination of the Children Social Behavior Scale. *Psychological Assessment*, 33, 855-870.
- Burt, S.A., Kim, M., & Alhabsh, S. (2020). A novel in vivo measure of cyber aggression. *Aggressive Behavior*, 46, 449-460.
- Byrd, A. L., Kahn, R. E., & Pardini, D. A. (2013). A validation of the Inventory of Callous-Unemotional Traits in a community sample of young adult males. *Journal of Psychopathology & Behavioral Assessment*, 35, 20-34.
- Castagna, P. J. & Waschbusch, D.A. (2021). The importance of assessing impairment associated with limited prosocial emotions. *Behavior Therapy*, 52, 1237-1250.



- Chang, S., Hou, Q., Wang, C., Wang, M., Wang, L., & Zhang, W. (2021). Childhood maltreatment and violent delinquency in Chinese juvenile offenders: Callous-unemotional traits as a mediator. *Child Abuse & Neglect*, 117, 105085.
- Clark, J.E. & Frick, P.J. (2018). Positive parenting and callous-unemotional traits: Their association with school behavior problems in young children. *Journal of Clinical Child and Adolescent Psychology*, 47:sup1, S242-S254.
- Colins, O.F., & Andershed, H. (2015). The DSM-5 with limited prosocial emotions specifier for conduct disorder among girls. *Law and Human Behavior*, 39, 198-207.
- Dandreaux, D.M. & Frick, P.J. (2009). Developmental pathways to conduct problems: A further test of the childhood and adolescent-onset distinction. *Journal of Abnormal Child Psychology*, 37, 375-385.
- Docherty, M., Boxer, P., Huesmann L.R., O'Brien, M., & Bushman, B.J. (2016). Exploring primary and secondary variants of psychopathy in adolescents in detention and in the community. *Journal of Clinical Child and Adolescent Psychology*, 45, 564-578.
- Eilts, J., & Baker, N. (2024). The role of CU traits, empathy, and moral disengagement in bullying. *Current Psychology*. 43, 6136-6148.
- Eisenbarth, H., Demetriou, C.A., Kyranides, M.N., & Fanti, K.A. (2016). Stability subtypes of callous-unemotional traits and conduct disorder symptoms and their correlates. *Journal of Youth and Adolescence*, 45, 1889-1901.
- Ezpeleta, L., Granero, R., de la Osa, N., & Domenech, J.M. (2017). Developmental trajectories of callous-unemotional traits, anxiety, and oppositionality in 3-7 year-old children in the general population. *Personality and Individual Differences*, 111, 124-133.
- Fang, J., Wang, W., Gao, L., Yang, J., Wang, X., & Wang, P. (2022). Childhood maltreatment and adolescent cyberbullying perpetration: A moderated mediation model of callous-unemotional traits and perceived social support. *Journal of Interpersonal Violence*, 37, NP5026 –NP5049.
- Fanniff, A.M. & Kimonis, E.R. (2014). Juveniles who have committed sexual offenses: A special group? *Behavioral Sciences and the Law*, 32, 240-257.
- Fanti, K.A. (2013). Individual, social, behavioral factors associated with co-occurring conduct problems and callous-unemotional traits. *Journal of Abnormal Child Psychology*, 41, 811-824.
- Fanti, K.A. & Centifanti, L.C.M. (2014). Childhood callous-unemotional traits moderate the relation between parenting distress and conduct problems over time. *Child Psychiatry and Human Development*, 45, 173-184.

- Fanti, K.A., Colins, O.F., Andershed, H., & Sikki, M. (2017). Stability and children in callous-unemotional traits: Longitudinal associations with potential individual and contextual risk factors. *American Journal of Orthopsychiatry*, 87, 62-75.
- Fanti, K.A., Demetriou, A.G., & Hawa, V.V. (2012). A longitudinal study of cyberbullying: Examining risk and protective factors. *European Journal of Developmental Psychology*, 9, 168-181.
- Fanti, K.A. & Kimonis, E.R. (2012). Bullying and victimization: The role of conduct problems and psychopathic traits. *Journal of Research on Adolescence*, 22, 617-631.
- Fanti, K.A., & Kimonis, E.R. (2013). Dimensions of juvenile psychopathy distinguish “bullies”, “bully-victims”, and “victims”. *Psychology of Violence*, 3, 396-409.
- Fanti, K.A., Demetriou, C.A., & Kimonis, E.R. (2013). Variants of callous-unemotional traits in a community sample of adolescents. *Journal of Youth and Adolescence*, 42, 964-979.
- Fontaine, N.M.G., Rozefort, A., & Begin, V. (2022). Association between callous-unemotional traits and psychopathology in a sample of adolescent females. *Journal of the Canadian Academy of Child and Adolescent Psychiatry*.
- Goagoses, N. & Koglin, U. (2021). Attachment and externalizing behavior: Mediating through dysfunctional emotional regulation and callous-unemotional traits. *International Journal of Developmental Science*, 15, 9-17.
- Goagoses, N., Schipper, N., & Koglin, U. (2022). Callous-unemotional traits, social goal orientations, and bullying perpetrations: Exploring concurrent associations during adolescence. *International Journal of Adolescence and Youth*, 27, 135-148.
- Goetz, C.M., Miller, T.A., & Frick, P.J. (2024). The Clinical Assessment of Prosocial Emotions (CAPE): Initial tests of reliability and validity in a clinic-referred sample of children and adolescents. *Psychological Assessment*, 36, 452-461.
- Goulter, N., Cooke, E.M., & Zheng, Y. (2024). Callous-unemotional traits in adolescents’ daily life: Associations with affect and emotional and conduct problems. *Research on Child and Adolescent Psychopathology*, 52, 51-63.
- Grassetti, S.N., Tennity, C.L., Charles, N.E., Turner, E.A., & Barry, C.T. (2023). Parenting practices and callous unemotional traits predict behavioral infractions at military-style youth challenge academies. *Current Psychology*, 42, 28517-28526
- Harries, T. Curtis, A., Skvarc, D., Benstead, M., Walker, A., & Mayshak, R. (2024). Not all child-to-parent violence is the same: A person-based analysis using the function of aggression. *Family Relations: An Interdisciplinary Journal of Applied Family Studies*, 73, 1968-1988.

- Hartman, C., Hageman, T., Williams, J.H., St.Mary, J., & Ascione, F.R. (2019). Exploring empathy and callous-unemotional traits as predictors of animal abuse perpetration by children exposed to intimate partner violence. *Journal of Interpersonal Violence*, 343, 2419-2437.
- Hayes, N.L., Marsee, M.A., & Russell, D.W. (2021). Latent profile analysis of traditional and cyber-aggression and victimization: Associations with Dark Triad traits and psychopathology symptoms. *Journal of Psychopathology and Behavioral Assessment*, 43, 399-412.
- Hernandez, M.L, Garcia, A.M., Spiegel, J.A., Dick, A.S., & Graziano, P.A. (2024). Multimodal assessment of emotion dysregulation in children with and without ADHD and Disruptive Behavior Disorders. *Journal of Clinical Child and Adolescent Psychology*, 53, 444-459.
- Hoerold, D., & Tranah, T. (2014). Correlates of adolescent fire setting: Examining the role of fire interest, fire-related attentional bias, impulsivity, empathy, and callous-unemotional traits. *The Journal of Forensic Psychiatry & Psychology*, 25, 411-431.
- Howard, A.L., Kimonis, E.R., Munoz, L.C., & Frick, P.J. (2012). Violence exposure mediates the relation between callous-unemotional traits and offending patterns in adolescents. *Journal of Abnormal Child Psychology*, 40, 1237-1247.
- Johander, E., Trach, J., Turunen, T., Garandeanu, C.F., & Salmivalli, C. (2022). Intention to stop bullying following a condemning, empathy-raising, or combined message from a teacher: Do students' empathy and callous-unemotional traits matter? *Journal of Youth and Adolescence*, 51, 1568-1580.
- Kauten, R.L., Lui, J.H.L., Doucette, H., & Barry, C.T. (2015). Perceived family conflict moderates the relations of adolescent narcissism, and CU traits with aggression. *Journal of Child and Family Studies*, 24, 2914-2922.
- Kimonis, E.R., Fanti, K.A., Frick, P.J., Moffitt, T.E., Essau, C., Bijltebier, P., & Marsee, M.A. (2015). Using self-reported callous-unemotional traits to cross-nationally assess the DSM-5 "With Limited Prosocial Emotions" specifier. *Journal of Child Psychology and Psychiatry* 56, 1249-1261.
- Kimonis, E.R., Fanti, K., Goldweber, A., Marsee, M.A., Frick, P.J., & Cauffman, E. (2014). Callous-unemotional traits in incarcerated adolescents. *Psychological Assessment*, 26,227-237.
- Kimonis, E.R., Frick, P.J., Munoz, L.C. & Aucoin, K.J. (2007). Can a laboratory measure of emotional processing enhance the statistical prediction of aggression and delinquency in detained adolescents with callous-unemotional traits? *Journal of Abnormal Child Psychology*, 35, 773-785.
- Kimonis, E.R., Kennealy, P.J., & Goulter, N. (2016). Does the self-report Inventory of Callous-Unemotional Traits predict recidivism? *Psychological Assessment*, 28, 1616-16-1624.

- Kimonis, E.R., Ray, J.V., Branch, J.R., & Cauffman, E. (2011). Anger mediates the relation between violence exposure and violence perpetration in incarcerated boys. *Child Youth Care Forum, 40*, 381-400.
- Kumsta, R., Sonuga-Barke, E., & Rutter, M. (2012). Adolescent callous-unemotional traits and conduct disorder in adoptees exposed to severe early deprivation. *British Journal of Psychiatry, 200*, 197-201.
- Kunimatsu, M., Marsee, M., Lau, K., & Fassnacht, G. (2012). Callous-unemotional traits and happy victimization: Relationships with delinquency in a sample of detained girls. *International Journal of Forensic Mental Health, 11*, 1-8.
- Lawing, K., Frick, P.J., & Cruise, K.R. (2010). Differences in offending patterns between adolescent sex offenders high or low in callous-unemotional traits. *Psychological Assessment, 22*, 298-305.
- Lee-Rowland, L.M., Lui, J.H.L., Bortfeld, D., Barry, C.T., & Reiter, S. (2020). Internalizing problems and their impact on the relation between callous-unemotional traits, narcissism, and aggression. *Aggressive Behavior, 46*, 278-286.
- Loona, M. I. & Kamal, A. (2013). Role of callous-unemotional traits in prediction of childhood behavior problems. *FWU Journal of Social Sciences, 7*, 175-180.
- Lopez-Romero, L., Romero, E., & Gomez-Fragula, J.A. (2015). Delving into callous-unemotional traits in a Spanish sample of adolescents: Concurrent correlates and early parenting precursors. *Journal of Child and Family Studies, 24*, 1451-1468.
- Lui, J.H.L., Barry, C.T., & Schoessler, M. (2017). The indirect effects of adolescent psychopathic traits on aggression through social-cognitive factors. *Journal of Child and Family Studies, 26*, 1298-1309.
- Maneiro, L., Gomez, J.A., Lopez-Romero, L., Cutrin, O., & Sobral, J. (2019). Risk profiles for antisocial behavior in adolescents placed in residential care. *Children and Youth Services Review, 103*, 278-286.
- Marsee, M.A., Barry, C.T., Childs, K.K., Frick, Paul J., Kimonis, E.R., Munoz, L., Aucoin, K.J., Kunimatsu, M.M., Fassnacht, G.M., & Lau, K.S.L. (2011). Assessing the forms and functions of aggression using self-report: Factor structure and invariance of the Peer Conflict Scale in youth. *Psychological Assessment, 23*, 792-804.
- Marsee, M.A., Frick, P.J., Barry, C.T., Kimonis, E.R., Munoz-Centifanti, L.C., & Aucoin, K.J. (2014). Profiles of the forms and functions of self-reported aggression in three adolescent samples. *Development and Psychopathology, 26*, 705-720.

- Marsee, M.A., & Frick, P.J. (2007). Exploring the cognitive and emotional correlates to proactive and reactive aggression in a sample of detained girls. *Journal of Abnormal Child Psychology*, 35, 969-981.
- Martin, A.M., & Cortina, H. (2023). Profiles of adolescents who abuse their parents: A gender-based analysis. *Anuario de Psicologia Juridica*, 33, 135-145.
- McDonald, S.E., Dmitrieva, J., Shin, S., Hitti, S.A., Graham-Bermann, S.A., Ascione, F.R., & Williams, J.H. (2017). The role of callous/unemotional traits in mediating the association between animal abuse exposure and behavior problems among children exposed to intimate partner violence. *Child Abuse & Neglect*, 72, 421-432.
- McLoughlin, N., Rucklidge, J.J., Grace, R.C., & McLean, A.P. (2010). Can callous-unemotional traits and aggression identify children at high risk for antisocial behavior in a low socioeconomic group? *Journal of Family Violence*, 25, 701-712.
- Mendez, L., Mozley, M.M., & Kerig, P. K. (2020). Associations among trauma exposure, callous-unemotionality, race or ethnicity, and gang involvement in justice-involved youth. *Criminal Justice and Behavior*, 47, 457-469.
- Mills-Koonce, W.R., Willoughby, M.T., Garrett-Peters, P., Wagner, N., & Vernon-Feagans, L. (2016). The interplay among socioeconomic status, household chaos, and parenting in the prediction of child conduct problems and callous-unemotional behaviors. *Development and Psychopathology*, 28, 757-771.
- Morrell, L.M. & Burton, D.L. (2014). An exploration of psychopathy in self-report measures among juvenile sex offenders. *International Journal of Offender Therapy and Comparative Criminology*, 58, 550-566.
- Mosteiro, O.C., Gomez-Fraguela, J.A., Boo, L.M., Fernandez, J.S., & Martin, M.A.L. (2016). Psychopathic traits mediate the effects of neighborhood risk on juvenile antisocial behaviour. *Psicothema*, 28, 428-434.
- Mularczyk, K.P., Farrell, A.H., Volk, A.A., & Book, A.S. (2020). The utility of broad versus specific measures of personality for assessment adolescent antisociality. *North American Journal of Psychology*, 22, 679-700.
- Munoz, L.C., Frick, P.J., Kimonis, E.R., & Aucoin, K.J. (2008). Types of aggression, responsiveness to provocation, and callous-unemotional traits in detained adolescents. *Journal of Abnormal Child Psychology*, 36, 15-28.
- Munoz, L.C., Qualter, P., & Padgett, G. (2011). Empathy and bullying: Exploring the influence of callous-unemotional traits. *Child Psychiatry and Human Development*, 42, 183-196.

- Myers, T.D.W., Salcedo, A., Frick, P.J., Ray, J.V., Thornton, L.C., Steinberg, L., & Cauffman, E. (2018). Understanding the link between exposure to violence and aggression in justice-involved adolescents. *Development and Psychopathology*, 30, 593-603.
- Nagy I., Pataky, N., Szklenarik, P., Kormendi, A. (2012). The presence of callous/unemotional traits among students in different roles of bullying. *Psychiatra Hungarica*, 27, 350-360.
- Neo, B., & Kimonis, E.R., (2021). Callous-unemotional traits linked to earlier onset of self-reported and official delinquency in incarcerated boys. *Law and Human Behavior*, 45, 554-565.
- Northam, J.C., Kurukulasuriya, N., Hunt, C., & Hawes, D.J. (2022). Moral reasoning, emotional understanding, and callous-unemotional traits in early-to-middle childhood. *British Journal of Developmental Psychology*, 40, 306-319.
- Nwafor, C. E. Onyeizugbo, E. U. & Anazonwu, C. O. (2015). Does gender moderate the relationship between callous-unemotional traits and physical aggression? *Spanish Journal of Psychology*. 18, e82 1-9.
- Orjiakor, C.T. Weierstall, R., Bowes, N., Eze, J.E., Ibeagha, P.N., & Obi, P. C. (2022). Appetitive aggression in offending youths: Contributions of callous unemotional traits and violent cognitive patterns. *Current Psychology*, 41, 2496-2505.
- Pechorro, P., Ayala-Nunes, L., Kahn, R., & Nunes, C. (2018). The Reactive-Proactive Aggression Questionnaire: Measurement invariance and reliability among a school sample of Portuguese youths. *Child Psychiatry and Human Development*, 49, 523-533.
- Pechorro, P., Kahn, R.E., Ray, J.V., Raine, A., & Goncalves, R.A. (2017). Psychometric properties of the reactive-proactive aggression questionnaire among a sample of detained and community girls. *Criminal Justice and Behavior*, 44, 531-550.
- Pechorro, P., Marsee, M., DeLisi, M., & Goncalves, R.A. (2022). Utility of the Inventory of Callous-Unemotional traits in predicting criminal recidivism among detained youth. *Journal of Psychopathology and Behavioral Assessment*, 44, 1090-1098.
- Ray, J.V., Frick, P.J., Thornton, L.C., Steinberg, L., & Cauffman, E. (2016). Impulse control and callous-unemotional traits distinguish patterns of delinquency and substance use in justice involved adolescents: Examining the moderating role of neighborhood context. *Journal of Abnormal Child Psychology*, 44, 599-611.
- Ray, J.V., Frick, P.J., Thornton, L.C., Wall, T.D., Steinberg, L., & Cauffman, E. (2017). Callous-unemotional traits predict self-reported offending in adolescent boys: The mediating role of delinquent peers and the moderating role of parenting practices. *Developmental Psychology*, 53, 319-328.

- Robertson, E.L., Frick, P.J., Ray, J.V., Thornton, L.C., Myers, T.D.W., Steinberg, L., & Cauffman, E. (2018). The associations among callous-unemotional traits, worry, and aggression in justice involved adolescent boys. *Clinical Psychological Science*, 6, 671-684.
- Robertson, E.L., Frick, P.J., Ray, J.V., Thornton, L.C., Wall Myers, T.D., Steinberg, L., & Cauffman, E. (2021). Do callous-unemotional traits moderate the effects of the juvenile justice system on later offending behavior? *Journal of Child Psychology and Psychiatry*, 62, 212-222.
- Robertson, E.L., Frick, P.J., Walker, T.M., Kemp, E.C., Ray, J.V., Thornton, L.C., Myers, T.D.W., Steinberg, L., & Cauffman, E. (2020). Callous-unemotional traits and risk of gun carrying and use during crime. *American Journal of Psychiatry*, 117, 827-833.
- Robertson, E.L., Ray, J.V., Frick, P.J., Vaughan, E.P., Thornton, L.C., Wall Myers, T.D., Steinberg, L., & Cauffman, E. (2023). The bidirectional effects of antisocial behavior, anxiety, and trauma exposure: Implications for our understanding of the development of callous-unemotional traits. *Journal of Psychopathology and Clinical Science*, 132, 445-460.
- Sabastian, C.L., McCrory, E.J., Dadds, M.R., Cecil, C.A.M., Lockwood, P.L., Hyde, Z.H., DeBrito, S.A., & Viding, E. (2014). Neural responses to fearful eyes in children with conduct problems and varying levels of callous-unemotional traits. *Psychological Medicine*, 44, 99-109.
- Sakai, J.T., Mikulich-Gilbertson, S.K., Young, S.E., Rhee, S.H., McWilliams, S.K., Dunn, R., Solmons-Sautel, S., Thurstone, C., & Hopfer, C.J. (2016). Adolescent male conduct-disordered patients in substance use disorder treatment: Examining the “Limited Prosocial Emotion” specifier. *Journal of Child and Adolescent Substance Abuse*, 25, 613-625.
- Shields, A. Reardon, K., Lawler, T., & Tackett, J. (2024). Affective contributions to instrumental and reactive aggression in middle childhood: Variable- and person-centered approaches. *Journal of Clinical Child & Adolescent Psychology*, 53, 169-183.
- Simmons, C., Fine, A., Mahler, A., Frick, P.J., Steinberg, L., & Cauffman, E. (2020). The relation between callous-unemotional traits, psychosocial maturity, and delinquent behavior among justice involved youth. *Child Development*, 91, e120-e133.
- Stickle, T.R., Kirkpatrick, N.M., & Brush, L.N. (2009). Callous-unemotional traits and social information processing: Multiple risk-factor models for understanding aggressive behavior in antisocial youth. *Law and Human Behavior*, 33, 515-529.
- Stickle, T.R., Marini, V.A., & Thomas, J.N. (2012). Gender differences in psychopathic traits, types and correlates of aggression among adjudicated youth. *Journal of Abnormal Child Psychology*, 40, 635-649.

- Thornberg, R., & Jungert, T. (2017). Callous-unemotional traits, harm-effect moral reasoning, and bullying among Swedish children. *Child Youth Care Forum, 46*, 559-575.
- Thornton, L.C., Frick, P.J., Ray, J.V., Myers, T.D.W., Steinberg, L., & Cauffman, E. (2019). Risky sexual behavior, substance use, and callous-unemotional traits in a sample of juvenile justice-involved males. *Journal of Clinical Child and Adolescent Psychology, 48*, 68-79.
- Thornton, L.C., Frick, P.J., Shulman, E.P., Ray, J.V., Steinberg, L., & Cauffman, E. (2015). Callous-unemotional traits and adolescents' role in group crime. *Law and Human Behavior, 39*, 368-377.
- Viding, E., Simmonds, E., Petrides, K.V., & Frederickson, N. (2009). The contribution of callous-unemotional traits and conduct problems to bullying in early adolescence. *Journal of Child Psychology and Psychiatry, 50*, 471-481.
- Waller, R., Dishion, T.J., Shaw, D.S., Gardner, F., Wilson, M.N., & Hyde, L.W. (2016). Does early childhood callous-unemotional behavior uniquely predict behavior problems or callous-unemotional behavior in late childhood? *Developmental Psychology, 52*, 1805-1819.
- White, B.A., Gordon, H., & Guerra, R.C. (2015). Callous-unemotional traits and empathy in proactive and reactive relational aggression in young women. *Personality and Individual Differences, 75*, 185-189.
- White, C.A., & Miller, C.J. (2015). Delinquency in emerging adult females: The importance of callous-unemotionality and impulsivity. *Deviant Behavior, 36*, 245-258.
- White, S.F., Cruise, K.R., & Frick, P.J. (2009). Differential correlates to self-report and parent-report of callous-unemotional traits in a sample of juvenile sex offenders. *Behavioral Science and the Law, 27*, 910-928.
- Winiarski, D.A., Engel, M.L., Karnik, N.S., & Brennan, P.A. (2018). Early life stress and childhood aggression: Mediating and moderating effects of child callousness and stress reactivity. *Child Psychiatry and Human Development, 49*, 730-739.
- Wright, M.F., Harper, B.D., Wachs, W. (2019). The associations between cyberbullying and callous-unemotional traits among adolescents: The moderating effect of online disinhibition. *Personality and Individual Differences, 140*, 41-45.
- Yang, J., Li, W., Wang, W., Gao, L., & Wang, X. (2021). Anger rumination and adolescents' cyberbullying perpetration: Moral disengagement and callous-unemotional traits as moderators. *Journal of Affective Disorders, 278*397-404.



Yoder, J., Grady, M.D., & Brown, A. & Dillard, R. (2020). Criminogenic needs a intervening factors in the relation between insecure attachments and youth sexual violence. *Sexual Abuse*, 32, 247-272.

#### Social, Personality, Emotional and Cognitive Correlates

Allen, J.L., Morris, A., & Chhoa, C.Y. (2016). Callous-unemotional (CU) traits in adolescent boys and response to teacher reward and discipline strategies. *Emotional and Behavioural Difficulties*, 21, 329-342.

Allen, J.L., Bird, E., & Chhoa, C.Y. (2018). Bad boys and mean girl: Callous-unemotional traits, management of disruptive behavior in school, the teacher-student relationship, and academic motivation. *Frontiers in Education*, 3, article 108.

Anderson, S.A.S., Hawes, D.J., & Snow, P.C. (2024). Cognitive and affective perspective taking amongst adolescents with variants of callous-unemotional traits. *European Child & Adolescent Psychiatry*, 33, 2755-2765.

Anderson, A.E. & Marcus, D.K. (2019). A bifactor model of meanness, coldheartedness, callousness, and sadism. *Personality and Individual Differences*, 137, 192-197.

Baroncelli, A., & Ciucci, E. (2020). Bidirectional effects between callous-unemotional traits and student-teacher relationship quality among middle school students. *Journal of Abnormal Child Psychology*, 48, 277-288.

Barry, C.T., Sidoti, C., & Wong, M. (2021). Peer perceptions of communal narcissism and communalism in at-risk adolescents. *Journal of Individual Differences*, 42, 99-106.

Bauer, L.O. (2015). Visual illusions and inattention: Their association with adiposity among adolescent girls. *Appetite*, 95, 310-316.

Bedford, R., Gliga, T., Hendry, A., Jones, E.J.H., Pasco, G., Charman, T., Johnson, M.H., Pickles, A., & The BASIS Team. (2019). Infant regulatory function acts as a protective factor for later traits of autism spectrum disorder and attention deficit/hyperactivity disorder but not callous unemotional traits. *Journal of Neurodevelopmental Disorders*, 11: 14.

Bedford, R., Leno, V.C., Wright, N., Bluett-Duncan, M., Smith, T.J., Anzures, G., Pickles, A., Sharp, H., & Hill, J. (2021). Emotional recognition performance in children with callous-unemotional traits is modulated by co-occurring autistic traits. *Journal of Clinical Child and Adolescent Psychology*, 50, 811-827..

Bedford, R., Wagner, N.J., Rehder, P.D., Propper, C., Willoughby, M.T., & Mills-Koonce, R.W. (2017). The role of infants' mother-directed gaze, maternal sensitivity, and emotional recognition in childhood callous unemotional behaviors. *European Child and Adolescent Psychiatry*, 26, 947-956.

- Bennett, D.C. & Kerig, P.K. (2014). Investigating the construct of trauma-related acquired callousness among delinquent youth: Differences in emotion processing. *Journal of Traumatic Stress, 27*, 415-422.
- Berg, J.M., Lilienfeld, S.O., Reddy, S.D., Latzman, R.D., Roose, A., Craighead, L.W., Pace, T.W.W., & Raison, C.L. (2013). The Inventory of Callous and Unemotional Traits: A construct validation analysis in an at-risk sample. *Assessment, 18*, 532-544.
- Bowman, L., Anderson, S.A.S., Snow, P.C., & Hawes, D.J. (2023). The narrative language of youth offenders with callous and unemotional traits: A corpus analysis. *Legal and Criminological Psychology, 28*, 91-105.
- Branchadell, V. Roy, R., Ribes-Guardiola, P., Segarra, P., & Molto, J. (2024). Psychopathic callousness and perspective taking in pain processing: an ERP study. *Social Cognitive and Affective Neuroscience, 19*, nsac022.
- Brown, C.A., Granero, R., & Ezpeleta, L. (2017). The reciprocal influence of callous-unemotional traits, oppositional defiant disorder and parenting practices in preschoolers. *Child Psychiatry and Human Development, 48*, 298-307.
- Cao, X., Somerville, M.P., Shou, Y., Xue, Z., & Allen, J.L. (2024). Callous-unemotional traits and child response to teacher rewards, discipline, and instructional methods in Chinese preschools: A classroom observation study. *Research on Child and Adolescent Psychopathology, 52*, 339-352.
- Carroll, S.L., Klump, K.L., & Burt, S.A. (2023). Understanding the effects of neighborhood disadvantage on youth psychopathology. *Psychological Medicine, 53*, 3036-3046.
- Cecil, A.M.C., McCrory, E.J., Barker, E.D., Guiney, J., & Viding, E. (2018). Characterizing youth with callous-unemotional traits and concurrent anxiety: Evidence for a high-risk clinical group. *European Child & Adolescent Psychiatry, 27*, 885-898.
- Centifanti, L.C.M. & Modecki, K. (2013). Throwing caution to the wind: Callous-unemotional traits and risk-taking in adolescents. *Journal of Clinical Child and Adolescent Psychology, 42*, 106-119.
- Chan, A.B., Fleming, G.B., Kaouar, S., & Kimonis, E.R. (2023). The measure of empathy in early childhood: Testing the reliability, validity, and clinical utility of scores in early childhood. *Psychological Assessment, 35*, 791-803.
- Ciucci, E., Baroncelli, A., Golmaryami, F.N., & Frick, P.J. (2015). The emotional correlates to callous-unemotional traits in children. *Journal of Child and Family Studies, 24*, 2374-2387.
- Ciucci, E. Baroncelli, A., Facci, C., Righi, S., & Frick, P.J. (2024). Callous-unemotional traits

- and emotional perception accuracy and bias in youths. *Children*, 11, 419.
- Coe, J.L., Davies, P.T., & Sturge-Apple, M.L. (2018). Family instability and young children's school adjustment: Callousness and negative internal representations as mediators. *Child Development*, 89, 1193-1208.
- Dapprich, A.L., Lange, W., Cima, M., & Becker, E.S. (2022). A validation of an ambiguous social scenario task for socially anxious and socially callous interpretations. *Cognitive Therapy and Research*, 46, 608-619.
- Dapprich, A.L., Tyborowska, A., Neirmann, H.C.M., Becker, E.S., Cillessen, A.H.N., & Roelofs, K. (2022). Behavioral inhibition as an early life predictor of callous-unemotional traits. *International Journal of Behavioral Development*, 46, 333-345.
- Dargis, M. & Li, J.J. (2020). The interplay between positive and negative parenting and children's negative affect on callous-unemotional traits. *Journal of Child and Family Studies*, 29, 2614-2622.
- Davis, T., Ammons, C., Dahl, A., & Kliewer, W. (2015). Community violence exposure and callous-unemotional traits in adolescents: Testing parental support as a promotive versus protective factor. *Personality and Individual Differences*, 77, 7-12.
- Dawel, A., McKone, E., O'Kearney, R., Sellbom, M., Irons, J., & Palermo, R. (2015). Elevated levels of callous-unemotional traits are associated with reduced attentional cueing, with no specificity for fear or eyes. *Personality Disorders: Theory, Research, and Treatment*, 6, 216-228.
- Dawel, A., Wright, L., Dumbleton, R., & McKone, E. (2019). All tears are crocodile tears: Impaired perception of emotion authenticity in psychopathic traits. *Personality Disorders: Theory, Research, and Treatment*, 10, 185-197.
- Decuyper, M., De Bolle, M., De Fruyt, F., De Clercq, B. (2011). General and maladaptive personality dimensions and the assessment of callous-emotional traits in adolescence. *Journal of Personality Disorders*, 25, 681-701.
- Denis, D., Akhtar, R., Holding, B.C., Murray, C., Panatti, J., Claridge, G., Sadeh, A., Barclay, N.L., O'Leary, R., Maughan, B., McAdams, T.A., Rowe, R., Eley, T.C., Viding, E., & Gregory, A.M. (2017). Externalizing behaviors and callous-unemotional traits: Different associations with sleep quality. *Sleep*, 40, 1 August 2017, zsx070.
- Derks, L.M., Becker, E.S., Lange, W., Rinck, M., Dapprich, A.L., Holtmann, M., & Legenbauer, T. (2024). The relationships between callous-unemotional traits and internalizing psychopathology in adolescent psychiatric inpatients: A network analysis. *Child and Adolescent Psychiatry and Mental Health*, 18, 63.
- Derks, L.M., Becker, E.S., Rinck, M., Holtmann, M., Legenbauer, T., & Lange, W. (2024). I

can't feel your face: Callous-unemotional traits, social anxiety, and approach-avoidance behaviour in conduct disorder. *Psychiatry and Mental Health*, 18, 153.

- Docherty, M., Boxer, P., Huesmann, R., Bushman, B.J., Anderson, C.A., Gentile, D.A., & Dubown, E.F. (2024). Within-person bidirectional associations over time between parenting and youths' callousness. *Journal of Clinical Child and Adolescent Psychology*, 53, 607-622.
- Dotterer, H.L., Burt, S. A., Klump, K.L., & Hyde, L.W. (2021). Associations between parental psychopathic traits, parenting, and adolescent callous-unemotional traits. *Research on Child and Adolescent Psychopathology*, 49, 1431-1445.
- Dotterer, H.L., Tomlinson, R.C. Burt, S.A., Wigard, A.S., Klump, K.L., & Hyde, L.W. (2021). Neurocognitive abilities associated with antisocial behavior with and without callous-unemotional traits in a community sample. *Neuropsychology*, 35, 374-387.
- Drislane, L.E., Brislin, S.J., Kendler, K.S., Andershed, H., Larsson, H., & Patrick, C.J. (2015). A triarchic model analysis of the Youth Psychopathic Traits Inventory. *Journal of Personality Disorders*, 29, 15-41.
- Elowsky, J., Bajaj, S., Bashford-Largo, J., Zhang, R., Mathur, A., Schwartz, A., Dobberty, M., Blair, K.S., Leibenluft, E., Pardini, D., & Blair, J.R.J. (2022). Differential associations of conduct disorder, callous-unemotional traits, and irritability with outcome expectations and values regarding the consequences of aggression. *Child and Adolescent Psychiatry and Mental Health*, 16:38.
- Everett, V.S. & Drabick, D.A.G. (2023). Community violence exposure and generalized anxiety symptoms: Do callous-unemotional behaviors moderate this relation among urban youth? *Research on Child and Adolescent Psychopathology*, 51, 87-102.
- Ezpeleta, L., Penelo, E., Navarro, J.B., de la Osa, N., Trepato, E., & Wichstrom, L. (2022). Reciprocal relations between dimensions of oppositional defiant problems and callous-unemotional traits. *Research on Child and Adolescent Psychopathology*, 50, 1179-1190.
- Facci, C., Baroncelli, A., Frick, P.J., & Ciucci, E. (2024). Dimensions of parenting and children's conduct problems. The importance of considering children's callous-unemotional traits. *International Journal of Environmental Research and Public Health*, 21, 779.
- Facci, C., Imbimbo, E., Stefanelli, F., Ciucci, E., Guazzini, A., & Frick, P.J. (2023). The social correlates to callous-unemotional traits in a sample of high school students. *Behavioral Therapy*, 54, 595-604.
- Fanti, K.A., Kimonis, E.R., Hadjicharalambous, M., & Steinberg, L. (2016). Do neurocognitive deficits in decision making differentiate conduct disorder subtypes? *European Journal of Child and Adolescent Psychiatry*, 25, 989-996

- Fanti, K.A., Kyranides, M.N., & Panayiotou, G. (2017). Facial reactions to violent and comedy films: Associations with callous-unemotional traits and impulsive aggression. *Cognition and Emotion*, 31, 209-224.
- Fanti, K.A., Panayiotou, G., Kyranides, M.N., & Avraamides, M.N. (2016). Startle modulation during violent films: Association with callous-unemotional traits and aggressive behavior. *Motivation and Emotion*, 40, 321-333.
- Fanti, K.A., Panayiotou, G., Lombardo, M.V., & Kyranides, M.N. (2016). Unemotional on all counts: Evidence of reduced affective responses in individuals with high callous-unemotional traits across emotion systems and valences. *Social Neuroscience*, 11, 72-87.
- Fawcett, C., Wesevich, V., Truedsson, E., Wahlstedt, C., & Gredeback, G. (2016). Callous-unemotional traits affect adolescents' perception of collaboration. *Journal of Child Psychology and Psychiatry*, 57, 1400-1406.
- Feilhauer, J., Cima, M., Benjamins, C., & Muris, P. (2013). Knowing right from wrong, but just not always feeling it: Relations among callous-unemotional traits, psychopathological symptoms, and cognitive and affective morality judgments in 8- to 12-year old boys. *Child Psychiatry and Human Development*, 44, 708-716.
- Fine, A., Cavanagh, C., Frick, P.J., Steinberg, L., & Cauffman, E. (2017). Can probation officers identify remorse among male adolescent offenders? *Psychological Assessment*, 29, 754-761.
- Fite, P.J., Griffith, R., Tampke, E.C., Stone, K.J., Srivastava, V. (2020). Factors associated with perceived containment. *Journal of Community Psychology*, 48, 932-944.
- Fite, P.J., Williford, A., Griffith, R.L., & Parker, K. (2021). Peer victimization among detained youth: The impact of callous-unemotional traits. *Child & Youth Care Forum*, 50, 569-585.
- Fisher, J.H. & Brown, J.L. (2018). A prospective, longitudinal examination of the influence of childhood home and school contexts on psychopathic characteristics in adolescence. *Journal of Youth and Adolescence*, 47, 2041-2059.
- Fragkaki, I., Cima, M., & Meesters, C. (2016). The association between callous-unemotional traits, externalizing problems, and gender in predicting cognitive and affective morality judgments in adolescence. *Journal of Youth and Adolescence*, 45, 1917-1930.
- Gao, Y., Huang, aY., & Li, X. (2017). Interaction between prenatal maternal stress and autonomic arousal in predicting conduct problems and psychopathic traits in children. *Journal of Psychopathology and Behavioral Assessment*, 39, 1-14.

- Gao, Y & Zhang, W. (2020). Reward processing and psychopathic traits in children. *Personality disorders: Theory, Research, and Treatment*, 12, 339-346.
- Galante, A., Martin, P., Lockwood, P.L., Cutler, J., Apps, M., Roberts, R., Phillips, H., Brown, K., McCrory, E.J., & Viding, E. (2024). Reduced prosocial motivation and effort in adolescents with conduct problems and callous-unemotional traits. *Journal of Child Psychology and Psychiatry*, 65, 1061-1071.
- Gluckman, N.S., Hawes, D.J., & Russell, A.M.T. (2016). Are callous-unemotional traits associated with conflict adaptations in childhood? *Child Psychiatry and Human Development*, 47, 583-592.
- Goffin, K.C., Boldt, L.J., Kim, S., & Kochanska, G. (2018). A unique path to callous-unemotional traits for children who are temperamentally fearless and unconcerned about transgressions: A longitudinal study of typically developing children from age 2 to 12. *Journal of Abnormal Child Psychology*, 46, 769-780.
- Golmaryami, F.N., Vaughan, E. P. & Frick, P.J. (2021). Callous-unemotional traits and romantic relationships. *Personality and Individual Differences*, 168, 110408.
- Gomez, A.S., & Duran, N. (2024). Association between callous-unemotional traits, empathy, and moral disengagement mechanisms in juvenile offenders. *Anuario de Psicología Jurídica*, 34, 85-95.
- Goulter, N., Kimonis, E.R., Denson, T.F., & Begg, D.P. (2019). Female primary and secondary psychopathic variants show distinct endocrine and psychophysiological profiles, *Psychoneuroendocrinology*, 104, 7-17.
- Graziano, P. A., Landis, T., Maharaj, A., Ros-Demarize, R., Hart, K.C., & Garcia, A. (2022). Differentiating preschool children with conduct problems and callous-unemotional behaviors through emotion regulation and executive functioning. *Journal of Clinical Child and Adolescent Psychology*, 51, 170-182.
- Haas, S.M., Derefinco, K.J., & Waschbusch, D.A. (2017). The use of multimethod impulsivity assessment in the prediction of ADHD, conduct problems, and callous-unemotional symptoms. *Personality and Individual Differences*, 116, 289-295.
- Halty, L., & Caperos, J.M. (2023). Anxiety as a differentiating variable in emotional recognition in juvenile offenders with high callous-unemotional traits. *Criminal Behavior and Mental Health*, 33, 22-32.
- Halty, L., Halty, A., Gismero, E., Caperos, E., & Manuel, J. (2024). Validation and psychometric properties of a brief measure of parental attributions in a sample from Spain. *Family Process*, 63, 1099-1114.
- Hartmann, D., & Schwenck, C. (2020). Emotional processing children with conduct problems

- and callous-unemotional traits: An investigation of speed, accuracy, and attention. *Child Psychiatry & Human Development*, 51, 721-733.
- Henry, J., Pingault, J.B., Boivin, M., Rijdsdijk, F., & Viding, E. (2016). Genetic and environmental aetiology of the dimensions of callous-unemotional traits. *Psychological Medicine*, 46, 405-414.
- Herpers, P.C.M., Klip, H., Rommelse, N.N.J., Greven, C.U., & Buitelaar, J.K. (2016). Associations between high callous-unemotional traits and quality of life across youths with non-conduct disorder diagnoses. *European Child and Adolescent Psychiatry*, 25, 547-555.
- Hodsoll, S., Lavie, N., & Viding, E. (2014). Emotional attentional capture in children with conduct problems: The role of callous-unemotional traits. *Frontiers in Human Neuroscience*, 8, 1-7.
- Hoyniak, C.P., Bates, J.E., Petersen, I.T., Yang, C., Darcy, I., & Fontaine, N.M.G. (2018). Reduced neural responses to vocal fear: A potential biomarker for callous-uncaring traits in early childhood. *Developmental Science*, 21, 1-10.
- Hoyniak, C.P., Bates, J.E., Petersen, I.T., Yang, C., Darcy, I., & Fontaine, N.M.G. (2019). Diminished neural responses to emotionally valenced facial stimuli: A potential biomarker for unemotional traits in early childhood. *Child Psychiatry and Human Development*, 50, 72-82.
- Humphries, K.A., McGoron, L., Sheridan, M.A., McLaughlin, K.A., Fox, N.A., Nelson, C.A., & Zeanah, C.H. (2015). High-quality foster care mitigates callous-unemotional traits following early deprivation in boys: A randomized controlled trial. *Journal of the American Academy of Child and Adolescent Psychiatry*, 54, 977-983.
- Hwang, S., Allen, J.L., Kokosi, T., & Bird, E. (2021). To what extent does punishment insensitivity explain the relationship between callous-unemotional traits and academic performance in secondary school students? *British Journal of Educational Psychology*, 91, 811-826.
- Jambon, M., Colasante, T., Mitrevski, E., Acland, E., & Malti, T. (2022). Is feeling bad good enough? Ethical guilt and callous-unemotional traits in childhood. *Research on Child and Adolescent Psychopathology*, 50, 1041-1053.
- Jusyte, A., Mayer, S.V., Kunzel, E., Hautzinger, M., & Schonenberg, M. (2015). Unemotional traits predict early processing deficit for fearful expressions in young violent offenders: An investigation using continuous flash suppression. *Psychological Medicine*, 45, 285-297.
- Kahn, R.E., Deater-Deckard, K., King-Casas, B., & Kim-Spoon, J. (2016). Intergenerational similarity in callous-unemotional traits: Contributions of hostile parenting and

- household chaos during adolescence. *Psychiatry Research*, 246, 815-820.
- Kahn, R.E., Frick, P.J., Golmaryami, F.N., & Marsee, M.A. (2017). The moderating role of anxiety in the associations of callous-unemotional traits with self-report and laboratory measures of affective and cognitive empathy. *Journal of Abnormal Child Psychology*, 45, 583-596.
- Kaouar, S., Fleming, G.E., Neo, B., Hawes, D.J., Eapen, V., & Kimonis, E.R. (2024). Dimensions of warm parenting attributions differentiate conduct problem subtypes in young children. *Research on Child and Adolescent Psychopathology*, 52, 223-236.
- Kavish, N., Boisvert, D., Wells, J., Lewis, R., Cooke, E., Woeckner, M., & Armstrong, T. (2019). On the associations between indicators of resting arousal levels, physiological reactivity, sensation seeking, and psychopathic traits. *Personality and Individual Differences*, 141, 218-225.
- Kimonis, E.R., Cross, B., Howard, A., & Donoghue, K. (2013). Maternal care, maltreatment, and callous-unemotional traits among urban male juvenile offenders. *Journal of Youth and Adolescence*, 42, 165-177.
- Kimonis, E.R., Fanti, K.A., Goulter, N., & Hall, J. (2017). Affective startle potentiation differentiates primary and secondary variants of juvenile psychopathy. *Development and Psychopathology*, 29, 1149-1160.
- Kimonis, E.R., Fanti, K.A., Isoma, Z., & Donoghue, K. (2013). Maltreatment profiles among incarcerated boys with callous-unemotional traits. *Child Maltreatment*, 18, 108-121.
- Kimonis, E.R., Frick, P.J., Munoz, L.C. & Aucoin, K.J. (2008). Callous-unemotional traits and the emotional processing of distress cues in detained boys: Testing the moderating role of aggression, exposure to community violence, and histories of abuse. *Development and Psychopathology*, 20, 569-589.
- Kimonis, E.R., Le, B., Fleming, G., Kyranides, M.N., Demetriou, C.A., Fanti, K.A., Neo, B., Prasad, A.H., Chan, A., Hawes, D.J., & Eapen, V. (2023). Facial reactions to emotional films in young children with conduct problems and varying levels of callous-unemotional traits. *Journal of Child Psychology and Psychiatry*, 64, 357-366.
- Koh, L., Neo, B., Fleming, G.E., Kaouar, S., Henery, J., Briggs, N., & Kimonis, E.R. (2024). Development and validation of the Parental Affection/Warmth Scale (PAWS) in a sample of parents of 2-to 8-year olds. *Psychological Assessment*, 36, 722-734.
- Kochanska, G., Barry, R.A., Aksan, N., & Boldt, L.J. (2008). A developmental model of maternal and child contributions to disruptive conduct: The first six years. *Journal of Child Psychology and Psychiatry*, 49, 1220-1227.



- Kochanska, G., Barry, R. A., Jimenez, N. B., Hollatz, A. L., & Woodard, J. (2009). Guilt and effortful control: Two mechanisms that prevent disruptive developmental trajectories. *Journal of Personality and Social Psychology, 97*, 322-333.
- Kochanska, G., Barry, R.A., Stellern, S.A., & O’Bleness, J.J. (2009). Early attachment organization moderates the parent-child mutually coercive pathway to children’s antisocial conduct. *Child Development, 80*, 1288-1300.
- Kochanska, G., Kim, S., Boldt, L.J., & Yoon, J.E. (2013). Children’s callous-unemotional traits moderate the links between their positive relationships with parents a preschool age and externalizing behavior problems at early school age. *Journal of Child Psychology and Psychiatry, 54*, 1251-1260.
- Kofler, L., Zhang, W., & Gao, Y. (2022). Psychopathic traits and conduct problems in children: Effects of collective efficacy, heart rate, and sex. *Journal of Psychopathology and Behavioral Assessment, 44*, 98-114.
- Kurek, A., Jose, P.E., & Stuart, J. (2019). “I did it for the LULZ”: How the dark personality predicts online disinhibition and aggressive online behavior in adolescence. *Computers in Human Behavior, 98*, 31-40.
- Kyranides, M.N., Fanti, K.A., & Panayiotou, G. (2016). The disruptive adolescent as a grown-up: Predicting adult startle responses to violent and erotic films from adolescent conduct problems and callous-unemotional traits. *Journal of Psychopathology and Behavioral Assessment, 38*, 183-194.
- Latzman, R.D., Lilienfeld, S.O., Latzman, N.E., & Clark, L.A. (2013). Exploring callous and unemotional traits in youth via general personality traits: An eye toward DSM-5. *Personality Disorders: Theory, Research, and Treatment, 4*, 191-202.
- Latzman, R.D., Malikina, M.V., Hecht, L.K., Lilienfeld, S.O., & Chan, W.Y. (2016). The contribution of personality and refugee camp experience to callous and unemotional traits among immigrant adolescents in the United States: Implications for the DSM-5 “Limited Prosocial Emotions” specifier. *Child Psychiatry and Human Development, 47*, 215-225.
- Leno, V.C., Bedford, R., Chandler, S., White, P., Yorke, I., Charman, T., Pickles, A., & Simonoff, E. (2021). Callous-unemotional traits in youth with autism spectrum disorder (ASD): Replication of prevalence estimates and associations with gaze patterns when viewing fearful faces. *Development and Psychopathology, 33*, 1220-1228.
- Leno, V.C., Pickard, H., Cybulska, L., Smith, T., Munafo, M., Penton-Voak, I., Siminoff, E., Pickles, A., & Bedford, R. (2023). Associations between emotional recognition and autistic and callous-unemotional traits: Differential effects of curing to the eyes. *Journal of Child Psychology and Psychiatry, 787-796*.

- Liu, J., Ran, G., Zhang, Q., & Li, Y., & Zhang, Q. (2023). The association between callous-unemotional traits and suicide ideation among youth: A conditional process analysis. *Journal of Affective Disorders*, 328, 245-254.
- Lui, J.H.L, Barry, C.T., & Sacco, D.F. (2016). Callous-unemotional traits and empathy deficits: Mediating effects of affective perspective-taking and facial emotion recognition. *Cognition and Emotion*, 30, 1049-1062.
- Mann, F.D., Briley, D.A., Tucker-Drob, E.M., & Harden, K.P. (2015). A behavioral genetic analysis of callous-unemotional traits and big five personality in adolescence. *Journal of Abnormal Psychology*, 124, 982-993.
- Marini, V.A. & Stickle, T.R. (2010). Evidence for deficits in reward responsivity in antisocial youth with callous-unemotional traits. *Personality Disorders: Theory, Research, and Treatment*, 1, 218-229.
- Markos, A. & Kokkinos, C.M. (2017). Development of a short form of the Greek Big Five Questionnaire for Children (GBFQ-C-SF): Validation among preadolescents. *Personality and Individual Differences*, 112, 12-17.
- Martin-Key, N.A., Allison, G., & Fairchild, G. (2020). Empathetic accuracy in female adolescents with Conduct Disorder and sex differences in the relationship between Conduct Disorder and empathy. *Journal of Abnormal Child Psychology*, 48, 1155-1167.
- Martin-Key, M., Brown, T., & Fairchild, G. (2017). Empathic accuracy in male adolescents with conduct disorder and higher versus lower levels of callous-unemotional traits. *Journal of Abnormal Child Psychology*, 45, 1385-1397.
- Masi, G., Milone, A., Pisano, S., Lenzi, F., Muratori, P., Gemo, I., Bianchi, L., Mazzone, L., Postorino, V., Sanges, V., Williams, R., & Vicari, A. (2014). Emotional reactivity in referred youth with disruptive behavior disorders: The role of the callous-unemotional traits. *Psychiatry Research*, 220, 4216-432.
- Mathias, C.W., Stanford, M.S., Liang, Y., Goros, M., Charles, N.E., Sheftall, A.H., et al. (2018). A test of the psychometric properties of the BIS-Brief among three groups of youth. *Psychological Assessment*, 30, 847-856.
- Matlasz, T. M., Frick, P.J., & Clark, J.E. (2022). Understanding the social relationships of youth with callous-unemotional traits using peer nominations. *Journal of Clinical Child and Adolescent Psychology*, 51, 530-542.
- McCauley, K. L., Shadur, J. M., Hoffman, E. M., MacPherson, L., & Lejuez, C. W. (2016). Adolescent callous- unemotional traits and parental knowledge as predictors of unprotected sex among youth. *Behavior Modification*, 40, 70–96.

- McKenna, S., Hassall, A., O’Kearney, R. & Pasalich, D. (2020). Gaining a new perspective on the quality of parent-adolescent relationships from adolescent speech samples. *Journal of Family Psychology*, 34, 938-948.
- Mills-Koonce, W.R., Wagner, N.J., Willoughby, M.T., Stifter, C., Blair, C., Granger, D.A., and the Family Life Project Key Investigators. (2015). Greater fear reactivity and psychophysiological hyperactivity among infants with later conduct problems and callous-unemotional traits. *Journal of Child Psychology and Psychiatry*, 56, 147-154.
- Munoz, L.C. (2009). Callous-unemotional traits are related to combined deficits in recognizing afraid faces and body poses. *Journal of the American Academy of Child and Adolescent Psychiatry*, 48, 554-562.
- Munoz, L.C., Frick, P.J., Kimonis, E.R., & Aucoin, K.J. (2008). Verbal ability and delinquency: Testing the moderating role of psychopathic traits. *Journal of Child Psychology and Psychiatry*, 49, 414-421.
- Muratori, P., Lochman, J.E., Lai, E., Milone, A., Nocentini, A., Pisano, S., Righini, E., & Masi, G. (2016). Which dimension of parenting predicts the change of callous unemotional traits in children with disruptive behavior disorder? *Comprehensive Psychiatry*, 69, 202-210.
- Murphy, B.A., Costello, T.H., Watts, A.L., Cheong, Y.F., Berg, J.M., & Lilienfeld, S.O. (2020). Strengths and weaknesses of two empathy measures: A comparison of the measurement precision, construct validity, and incremental validity of two multidimensional indices. *Assessment*, 27, 246-260.
- Nguyen, T.H. & McKinney, C. (2024). Parent-emerging adult relationships and callous-unemotional traits: Moderation by negative affect. *Current Psychology*, 43, 10306-10315.
- Normand, S., Miller, N.V., & Mikami, A.Y. (2023). Contributions of friends’ problem behaviors to friendship quality in a sample of children with ADHD. *Journal of Clinical Child and Adolescent Psychology*, 52, 244-258.
- O’Kearney, R., Salmon, K., Liwag, M., Fortune, C., & Dawel, A. (2017). Emotional abilities in children with Oppositional Defiant Disorder (ODD): Impairments in perspective taking and understanding mixed emotions are associated with high callous-unemotional traits. *Child Psychiatry and Human Development*, 48, 346-357.
- O’Kearney, R., Chng, R.Y., & Salmon, K. (2021). Callous-unemotional features are associated with emotion recognition impairments in young ODD children with low but not high affective arousal. *Child Psychiatry and Human Development*, 52, 869-879.
- Obando, D., Hill, J., Wright, N. (2024). The moderating role of maternal praise and positivity in the association between callous-unemotional traits and later aggression: A prospective

- study in preschool children in Columbia. *Child Psychiatry and Human Development*, 55, 14-23.
- Olivera-La Rosa, A., Chuquichambi, E.G., Carmona, C.A., Arango-Tobon, C.E., Amador, O., Rossello, J., & Ingram, G.P.D. (2021). The “Joker” laugh: Social judgements towards affective deviants in a sample of young offenders with callous-unemotional traits. *Personality and Individual Differences*, 183, 111148.
- Oshri, A., Carlson, M.W., Duprey, E.B., Liu, S., Huffman, L.G., & Kogan, S.M. (2020). Child abuse and neglect, callous-unemotional traits, and substance use problems: The moderating role of stress response reactivity. *Journal of Child & Adolescent Trauma*, 13, 389-398.
- Pacciello, M., Masi, G., Clemente, M.G., Milone, A., & Muratori, P. (2017). Moral disengagement and callous unemotional traits configurations in adolescents with disruptive behavior disorder: A person-oriented approach. *Psychiatry Research*, 258, 591-598.
- Pechorro, P., Brown, M., Scott, M. Verona, E., & DeLisi, M. (2023). Comparing boys and girls in juvenile detention in Portugal: Differences in psychopathic traits, criminal behaviors, and one-year recidivism. *Psychology, Crime & Law*, 29, 143-160.
- Perlstein, S., Waller, R., Wagner, N., Byrd, A., Vine, V., Jennings, J.R., & Stepp, S. (2021). Autonomic nervous system inflexibility during parent–child interactions is related to callous-unemotional traits in youth aged 10–14 years old. *Research on Child and Adolescent Psychopathology*, 49, 1581-1592
- Pisano, S., Sensee, V.P., Bravaccio, C., Scantangelo, P., Milone, A., Masi, G., & Catone, G. (2020). Cyclothymic-hypersensitive temperament in youths: Refining the structure, the way of assessment, and the clinical significance in the youth population. *Journal of Affective Disorders*, 271, 272-278.
- Platje, E., Huijbregts, S.C.J., van Goozen, S.H.M., Popma, A., Cima, M., & Swaab, H.J.T. (2018). Executive functioning, reward/punishment sensitivity, and conduct problems in boys with callous-unemotional traits. *International Journal of Offender Therapy and Comparative Criminology*, 62, 4008-4023.
- Portnoy, J., Cui, N., Raine, A., Frazier, A., Rudo-Hutt, A.S., & Liu, J. (2020). Autonomic nervous system activity and callous-unemotional traits in physically maltreated youth. *Child Abuse and Neglect*, 101, 104308.
- Preston, O.C., Gilen, C.T.A., Anestis, J.C., Charles, N., & Barry, C.T. (2021). The validity of the Personality Assessment Inventory-Adolescent in Assessing callous-unemotional traits in at-risk adolescents. *Journal of Personality Assessment*, 103, 48-56.

- Roberts, R., McCrory, E., Bird, G., Roberts, L., & Viding, E. (2020). Thinking about others' minds: Mental state inference in boys with conduct problems and callous-unemotional traits. *Journal of Abnormal Child Psychology*, 48, 1279-1290.
- Roberts, R., McCrory, E., Joffe, H., De Lima, N., & Viding, E. (2018). Living with conduct problem youth: Family functioning and parental perceptions of their child. *European Child & Adolescent Psychiatry*, 27, 595-604.
- Robertson, E.L., Ray, J.V., Frick, P.J., Vaughan, E.P., Thornton, L.C., Wall Myers, T.D., Steinberg, L., & Cauffman, E. (2023). The bidirectional effects of antisocial behavior, anxiety, and trauma exposure: Implications for our understanding of the development of callous-unemotional traits. *Journal of Psychopathology and Clinical Science*, 132, 445-460.
- Rodgers, E.L., Beardslee, J., Cauffman, E., Frick, P.J., & Steinberg, L. (2024). Re-arrest is associated with heightened callous-unemotional traits: No moderating effect of maternal relationship quality. *Law & Human Behavior*, 48, 203-213.
- Roslyne Wilkinson, H. & Jones Bartoli, A. (2021). Antisocial behavior and teacher-student relationship quality: The role of emotion-related abilities and callous-unemotional traits. *British Journal of Educational Psychology*, 91, 482-499.
- Sakai, J.T., Dalwani, M.S., Gelhorn, H.L., Mikulich-Gilbertson, S.K., & Crowley, T.J. (2012). A behavioral test of accepting benefits that cost others: Associations with conduct problems and unemotionality. *PLoS One*, 7, 1-12.
- Sanchez, C.R., Dennis, V.E., Cooley, J.L., Sims, J.G., Streicher, B.E., & Schmidt, A.T. (in press). The influence of cognitive appraisals on the association between callous-unemotional traits and conduct problems during middle childhood. *Research on Child and Adolescent Psychopathology*.
- Satchell, L.P., Bacon, A.M., Firth, J.L., & Corr, P.J. (2018). Risk as reward: Reinforcement sensitivity theory and psychopathic personality perspectives on everyday risk-taking. *Personality and Individual Differences*, 128, 162-169.
- Schwenck, C., Mergenthaler, J., Keller, K., Zech, J., Salehi, S., Taurines, R., Romanos, M., Schecklmann, M., Schneider, W., Warnke, A., & Freitag, C.M. (2012). Empathy in children with autism and conduct disorder: Group specific profiles and developmental aspects. *Journal of Child Psychology and Psychiatry*, 53, 651-659.
- Sharf, A., Kimonis, E.R., & Howard, A. (2014). Negative life events and posttraumatic stress disorder among incarcerated boys with callous-unemotional traits. *Journal of Psychopathology and Behavioral Assessment*, 36, 401-414.
- Sharp, C. & Vanwoerden, S. (2014). The developmental building blocks of psychopathic traits: Revisiting the role of theory of mind. *Journal of Personality Disorders*, 28, 78-95.

- Short, R.M.L., Sonuga-Barke, E.J.S., Adams, W.J., & Graeme, F. (2016). Does comorbid anxiety counteract emotion recognition deficits in conduct disorder? *Journal of Child Psychology and Psychiatry*, 57, 917-926.
- Stanhope, L., & McKinney, C. (2024). Perceived parental psychopathology and quality of life in emerging adults: Indirect effects through psychopathy. *Applied Research in Quality of Life*, 19, 21-41.
- Szabo, E., Halasz, J. Morgan, A., Debetrovics, Z., & Kokonyei, G. (2020). Callous-unemotional traits and the attentional bias towards emotional stimuli: Testing the moderating role of emotional and behavioural problems among high risk adolescents. *Clinical Child Psychology and Psychiatry*, 25, 156-173.
- Tan, E., Mikami, A.Y., & Hamlin, J.K. (2018). Do infant sociomoral evaluation and action studies predict preschool social and behavioral adjustment? *Journal of Experimental Child Psychology*, 176, 39-54.
- Tassi, F., Ciucci, E., Baroncelli, A., & Batani, A. (2018). Callous-unemotional traits, borderline personality, and self-injury in gothic subculture. *European Journal of Developmental Psychology*, 15, 580-593.
- Tye, C., Bedford, R., Asherson, P., Ashwood, K.L., Azadi, B., Bolton, P., & McLoughlin, G. (2017). Callous-unemotional traits moderate executive function in children with ASD and ADHD: A pilot event-related potential study. *Developmental Cognitive Neuroscience*, 26, 84-90.
- Vaughan, E.P., Frick, P.J., Ray, J.V., Robertson, E.L., Thornton, L.C., Myers, T., Steinberg, L., & Cauffman, E. The associations of maternal warmth and hostility with prosocial and antisocial outcomes in justice-involved adolescents. *Developmental Psychology*, 57, 2179-2191.
- Vaughan, E.P., Frick, P.J., Robertson, E.L., Ray, J.V., Thornton, L.C., Myers, T.D.W., Steinberg, L., & Cauffman, E. (2023). Interpersonal relationships and callous-unemotional traits during adolescence and young adulthood: An investigation of bidirectional effects in parent, peer, and romantic relationships. *Clinical Psychological Science*, 11, 391-408.
- Vaughn, M.G., DeLisi M., Beaver, K.M., Wexler, J., Barth, A., & Fletcher, J. (2011). Juvenile psychopathic personality traits are associated with poor reading achievement. *Psychiatry Quarterly*, 82, 177-190.
- Wagner, N.J., Mills-Koonce, W.R., Willoughby, M.T., Zvara, B., Cox, M.J., & The Family Life Project Key Investigators. (2015). Parenting and children's representations of family predict disruptive and callous-unemotional behaviors. *Developmental Psychology*, 7, 935-948.

- Wagner, N., Mills-Koonce, R., Willoughby, M., Propper, C., Rehder, P., & Gueron-Sela, N. (2017). Respiratory sinus arrhythmia and heart period in infancy as correlates of later oppositional defiant disorder and callous-unemotional behaviors. *International Journal of Behavioral Development*, 41, 127-135.
- Wall, T.D., Frick, P.J., Fanti, K.A., Kimonis, E.R., & Lordos, A. (2016). Factors differentiating callous-unemotional children with and without conduct problems. *Journal of Child Psychology and Psychiatry*, 57, 976-983.
- Waller, R., Corbett, N., Raine, A., Wagner, N.J., Broussard, A., Edmonds, S.R., Jones, C., Itkin-Ofer, M., Schell, T., & Neumann, C.S. (2021). Reduced sensitivity to affiliation and psychopathic traits. *Personality Disorders: Theory, Research, and Treatment*, 12, 437-447.
- Walker, T.M., Robertson, E.L., Frick, P.J., Ray, J.V., Thornton, L.C., Myers, T.D.W., Steinberg, L., & Cauffman, E. (2020). Relationships among callous-unemotional traits, future orientation, optimism, and self-esteem in justice involved adolescents. *Journal of Child and Family Studies*, 29, 2434-2442.
- Wang, Y., Warmenhoven, H., Feng, Y., Wilson, A., Guo, D., & Chen, R. (2022). The relationship between childhood trauma and suicidal ideation, the mediating role of identification of all humanity, indifference and loneliness. *Journal of Affective Disorders*, 299, 658-665.
- Waschbusch, D.A., Cao, V.T., Shroff, D.M., Bansal, P.S., & Willoughby, M.T. (2025). Measuring children's reward and punishment sensitivity: An initial psychometric evaluation of the Contingency Response Rating Scale. *Assessment*, 32, 561-576.
- Wilke, J. & Goagoses, N. (2023). Morality in middle childhood: The role of callous-unemotional traits and emotional regulation skills. *BMC Psychology*, 11: 283.
- Winters, D.E., Mikulich, S., Hopfer, C., & Sakai, J.T. (2023). Adolescents in treatment for substance use disorders: Callous-unemotional traits moderate associations between transdiagnostic symptoms and adolescent suicidality. *Child Psychiatry and Human Development*, 54, 397-405.
- Winters, D.E., Pettine, W.W., & Sakai, J.T. (2023). Cognitive mechanisms underlying prosocial decision making in callous-unemotional traits. *Journal of Psychopathology and Behavioral Assessment*, 45, 308-321.
- Winters, D.E., & Sakai, J.T. (2024). Emotional identification for self and other associated with callous-unemotional traits and sex differences in early adolescents. *Child Psychiatry & Human Development*, 55, 564-574.
- Winters, D.E., Spitz, J., Raymond, K., Natvig, C., Waller, R., Mikulich-Gilbertson, S.K., & Sakai, J.T. (2025). Affective theory of mind impairments linked with callous-

unemotional traits implicate cognitive control: A pre-registered double-blind randomized controlled trial with a dual-task paradigm. *Journal of Affective disorders*, 382, 417-427.

Yang, Y. Zhong, C., Zhang, X., Wang, M., & Gao, Y. (2024). Longitudinal relations between maternal emotional expressivity and child callous-unemotional traits: The meditating role of parenting. *Current Psychology*, 43, 4223-4233.

Zang, Y., Li, K., Zheng, H., & Pasalich, D.S. (2024). Daily associations between parental warmth and discipline and adolescent conduct problems and callous-unemotional traits. *Prevention Science*.

Zhu, J., Zou, S., & Li, Y. (2024). Relations between maternal parenting styles and callous-unemotional behavior in Chinese children: A longitudinal study. *Child Abuse & Neglect*, 154, 106865.

### Genetic and Biological Correlates

Aghajani, M., Klapwijk, E.T., van der Wee, N.J., Rombouts, S.A.R.B., Boon, A.E., van Beelen, P., Popma, A., Vermeiren, R.R.J.M., & Colins, O.F. (2017). Disorganized amygdala networks in conduct-disordered juvenile offenders with callous-unemotional traits. *Biological Psychiatry*, 82, 283-293..

Beitchman, J.H., Zai, C.C., Muir, K., Berall, L., Nowrouzi, B., Choi, E., & Kennedy, J.L. (2012). Childhood aggression, callous-unemotional traits and oxytocin genes. *European Journal of Child and Adolescent Psychiatry*, 21, 125-132.

Brady, R.G., Donohue, MR. Waller, R., Latham, A., Ayala, M., Smyser, T.A., et al. (2024). Newborn brain function and early emerging callous-unemotional traits. *JAMA Psychiatry*, 81, 303-311.

Blanchard, A., & Centifanti, L.C.M. (2017). Callous-unemotional traits moderate the relation between prenatal testosterone (2D:4D) and externalizing behaviours in children. *Child Psychiatry and Human Development*, 48, 668-677.

Cardinale, E.M., Breeden, A.L., Robertson, E.L., Lozier, L.M., Van Meter, J.W., & Marsh, A.A. (2018). Externalizing behavior severity in youths with callous-unemotional traits corresponds to patterns of amygdala activity and connectivity during judgments of causing fear. *Developmental Psychopathology*, 30, 191-201

Cardinale, E.M., O'Connell, K., Robertson, E.L., Meena, L.B., Breeden, A.L., Lozier, L.M., Van Meter, J.W., & Marsh, A.A. (2019). Callous and uncaring traits are associated with reductions in amygdala volume among youths with varying levels of conduct problems. *Psychological Medicine*, 49, 1449-1458.



- Castagna, P.J., Babinski, D.E., & Waschbusch, D.A. (2024). Callous-unemotional traits moderate the association between inhibitory control and disruptive behavior problems. *European Child & Adolescent Psychiatry*.
- Dotterer, H.L., Waller, R., Hein, T.C., Pardon, A., Colter, M., Lopez-Duran, N., Monk, C.S., & Hyde, L.W. (2020). Clarifying the link between amygdala functioning during emotional processing and antisocial behavior versus callous-unemotional traits within a population-based community sample. *Clinical Psychological Science*, 8, 918-935.
- Dugre, J.R., & Potvin, S. (2024). Functional connectivity of the nucleus accumbens across variants of callous-unemotional traits: A resting-state fMRI study in children and adolescents. *Research on Child and Adolescent Psychopathology*, 52, 353-368.
- Duindam, H.M., Williams, D.P., Asscher, J.J., Hoeve, M., Thayer, J.F., & Creemers, H.E. (2021). Heart-wired to be cold? Exploring cardiac markers of callous-unemotional traits in incarcerated offenders. *International Journal of Psychophysiology*, 170, 168-177.
- Fairchild, G., Passamonti, L., Hurford, G., Hagan, C.C., von dem Hagen, E.A.H., van Goozen, S.H.M., Goodyer, I.M., & Calder, A.J. (2011). Brain structure abnormalities in early-onset and adolescent-onset conduct disorder. *American Journal of Psychiatry*, 168, 624-633.
- Fanti, K.A., Kyranides, M.N., Petridou, M., Demetriou, C.A., & Georgiou, G. (2018). Neurophysiological markers associated with heterogeneity in conduct problems, callous-unemotional traits, and anxiety: Comparing children to young adults. *Developmental Psychology*, 54, 1634-1649.
- Feilhauer, J., Cima, M., Korebrits, A., & Nicolson, N.A. (2013). Salivary cortisol and psychopathy dimensions in detained antisocial adolescents. *Psychoendocrinology*, 38, 1586-1595.
- Fragkaki, I., Verhagen, M., van Herwaarden, A.E., & Cima, M. (2019). Daily oxytocin patterns in relation to psychopathy and childhood trauma in residential youth. *Psychoneuroendocrinology*, 102, 105-113.
- Graziano, P.A., Garic, D., & Dick, A.S. (2022). Individual differences in white matter of the uncinate fasciculus and inferior fronto-occipital fasciculus: Possible early biomarkers for callous-unemotional behaviors in young children with disruptive behavior problems. *Journal of Child Psychology and Psychiatry*, 63, 19-33.
- Grotzinger, A.D., Mann, F.D., Patterson, M.W., Tackett J.L., Tucker-Drob, E.M., & Harden, K.P. (2018). Hair and salivary testosterone, hair cortisol, and externalizing behaviors in adolescents. *Psychological Science*, 29, 688-699.
- He, J., Gao, U., Deng, J., & Wang, M. (2023). Resting heart rate moderates the relationship between parental emotion socialization and callous-unemotional traits in children. *European Child & Adolescent Psychiatry*.

- Hwang, S., Nolan, Z.T., White, S.F., Williams, W.C., Sinclair, S., & Blair, R.J.R. (2016). Dual neurocircuitry dysfunctions in disruptive behavior disorders: Emotional responding and response inhibition. *Psychological Medicine*, 46, 1485-1496.
- Johnson, M.M., Dismukes, A.R., Vitacco, M.J., Breiman, C., Fleury, D., & Shirtcliff, E.A. (2013). Psychopathy's influence on the coupling between hypothalamic-pituitary-adrenal and –gonadal axes among incarcerated adolescents. *Developmental Psychobiology*, 56, 448-458.
- Kavish, N., Vaughn, M.G., Cho, E., Barth, A., Boutwell, B., Vaughn, S., Capin, P., Stillman, S., & Martinez, L. (2017). Physiological arousal and juvenile psychopathy: Is low resting heart rate associated with affective dimensions? *Psychiatry Quarterly*, 88, 103-114.
- Kimonis, E.R., Fleming, G.E., Wilbur, R.R., Goer, M.W., & Granger, D.A. (2019). Dehydroepiandrosterone (DHEA) and its ratio to cortisol moderate associations between maltreatment and psychopathology in male juvenile offenders. *Psychoneuroendocrinology*, 101, 263-271.
- Kimonis, E.R., Goulter, N., Hawes, D.J., Wilbur, R.R., & Groer, M.W. (2017). Neuroendocrine factors distinguish juvenile psychopathy variants. *Developmental Psychobiology*, 59, 161-173.
- Lozier, L.M., Cardinale, E.M., VanMeter, J.W., & Marsh, A.A. (2014). Mediation of the relationship between callous-unemotional traits and proactive aggression by amygdala response to fear among children with conduct problems. *JAMA Psychiatry*, 71, 627-636.
- Mann, F.D., Tackett, J.L., Tucker-Drob, E.M., & Harden, K.P. (2018). Callous-unemotional traits moderate genetic and environmental influences on rule-breaking and aggression: Evidence for gene x trait interaction. *Clinical Psychological Science*, 6, 123-133.
- Meffert, H., Thornton, L.C., Tyler, P.M., Botkin, M.L., Erway, A.K., Kolli, V., Pope, K., White, S.F., & Blair, R.J.R. (2018). Moderation of prior exposure to trauma on the inverse relationship between callous-unemotional traits and amygdala responses to fearful expressions: An exploratory study. *Psychological Medicine*, 48, 2541-2549.
- Michalska, K.J., Zeffiro, T.A., & Decety, J. (2016). Brain response to viewing others being harmed in children with conduct disorder symptoms. *Journal of Child Psychology and Psychiatry*, 57, 510-519.
- Moore, A.A., Carney, D., Moroney, E., Machlin, L., Towbin, K.E., Brotman, M.A., Pine, D.S., Leibenluft, E., Roberson-Nay, R., & Hettema, J.M. (2017). The Inventory of Callous-Unemotional Traits in children: Reliability and heritability. *Behavioral Genetics*, 47, 141-151.
- Moore A., A., Rappaport, L.M., Blair, R.J., Pine, D.S., Leibenluft, E., Brotman, M.A., Hettema, J.M., & Roberson-Nay, R. (2019). Genetic underpinnings of callous-unemotional traits and emotional recognition in children, adolescents, and emerging adults. *Journal of Child Psychology and Psychiatry*, 60, 638-645.

- Puzzo, I., Seunarine, K., Sully, K., Darekar, A., Clark, C., Sonuga-Barke, E.J.S., & Fairchild, G. (2018). Altered white-matter microstructure in conduct disorder is specifically associated with elevated callous-unemotional traits. *Journal of Abnormal Child Psychology*, 46, 1351-1466.
- Rhoads, S.A., Cardinale, E.M., O'Connell, K., Palmer, A.L., VanMeter, J.W., & Marsh, A.A. (2020). Mapping neural activity patterns to contextualized fearful facial expression onto callous-unemotional traits: Intersubject representational similarity analysis reveals le variation among high-CU adolescents. *Personality Neuroscience*, 3, e12, 1-18.
- Sabastian, C.L., deBrito, S.A., McCrory, E.J., Hyde, Z.H., Lockwood, P.L., Cecil, C.A.M., & Viding, E. (2016). Grey matter volumes in children with conduct problems and varying levels of callous-unemotional traits. *Journal of Abnormal Child Psychology*, 44, 639-649.
- Sadeh, N., Javdani, S. Jackson, J.J., Reynolds, E.K., Potenza, M.N., Gelernter, J., Lejuez, C.W., & Verona, E. (2010). Serotonin transporter gene associations with psychopathic traits in youth vary as a function of socioeconomic resources. *Journal of Abnormal Psychology*, 119, 604-609.
- Schwenck, C., Ciaramidaro, A., Selivanova, M., Tournay, J., Freitag, C.M., & Siniatchkin, M. (2017). Neural correlates of affective empathy and reinforcement learning in boys with conduct problems: fMRI evidence from a gambling task. *Behavioral Brain Research*, 320, 75-84.
- Sebastian, C.L., McCrory, E.J.P., Cecil, C.A.M., Lockwood, P.L., DeBrito, S.A., Fontaine, N.M.G., & Viding, E. (2012). Neural responses to affective and cognitive Theory of Mind in children with conduct problems and varying levels of callous-unemotional traits. *Archives of General Psychiatry*, 69, 814-822.
- Sebastian, C.L., McCrory, E.J., Dadds, M.R., Cecil, C.A.M., Lockwood, P.L., Hyde, Z.H., DeBrito, S.A., & Viding, E. (2014). Neural responses to fearful eyes in children with conduct problems and varying levels of callous-unemotional traits. *Psychological Medicine*, 44, 99-109.
- Szabo, E., Kocsel, N., Edes, A., Pap, D., Galambos, A., Zsombok, T., Szabo, A., Kosak, L.R., Bagdy, G., Juhasz, G., & Kokonyei, G. (2017). Callous-unemotional traits and neural responses to emotional faces in a community sample of young adults. *Personality and Individual Differences*, 111, 312-317.
- Tomlinson, R C., Hyde, L.W., Dotterer, H.L., Klump, K.L., & Burt, S.A. (2022). Parenting moderates the etiology of callous-unemotional traits in middle childhood. *Journal of Child Psychology and Psychiatry*, 63, 912-920.
- Viding, E., Sabastian, C.L., Dadds, M.R., Lockwood, P.L., Cecil, C.A.M., DeBrito, S.A., & McCrory, E.J. (2012). Amygdala reponse to preattentive masked fear in children with

- conduct problems: The role of callous-unemotional traits. *American Journal of Psychiatry*, 169, 1109-1116.
- Waxmonksy, J., Fosco W, Waschbusch, D., Babinski, D., Baweja, R., Pegg, S., Cao, V., Shroff, D., & Kujawa, A. (2022). The impact of irritability and callous unemotional traits on reward positivity in youth with ADHD and conduct problems. *Research on Child and Adolescent Psychopathology*, 50, 1027-1040.
- White , S.F., Brislin, S., Sinclair, S., Fowler, K.A., Pope, K., & Blair. R.J.R. (2013). The relationship between large cavum septum pellucidum and antisocial behavior, callous-unemotional traits, and psychopathy in adolescents. *Journal of Child Psychology and Psychiatry*, 54, 575-581.
- White, S.F., Tyler, P.M., Erway, A.K., Botkin, M.L., Kolli, B., Meffert, H, Pope, K., & Blair, J.R. (2016). Dysfunctional representation of expected value is associated with reinforcement-based decision-making deficits in adolescents with conduct problems. *Journal of Child Psychology and Psychiatry*, 57, 938-946.
- White S.F., van Tiegham, M., Brislin, S.J., Sypher, I., Sinclair, S., Pine, D.S., Hwang, S., & Blair, R.J.R. (2016). Neural correlates of the propensity for retaliatory behavior in youths with disruptive behavior disorders. *The American Journal of Psychiatry*, 173, 282-290.
- Winters, D.E., & Hyde, L.W. (2022). Associated functional network connectivity between callous-unemotionality and cognitive and affective empathy. *Journal of Affective Disorders*, 318, 304-313.
- Winters., D.E., Pruitt, P., Damoiseaux, J., & Sakai, J.T. (2022). Callous-unemotional traits in adolescents moderate neural network associations with empathy. *Psychiatry Research: Neuroimaging*, 320, 111429.
- Zhang, X., Wang, R., Gao, Y., & Wang, M. (2021). Resting heart rate mediates the relationship between parenting style and callous-unemotional traits in Chinese children. *Research on Child and Adolescent Psychopathology*, 49, 1419-1430.

### Treatment Outcome

- Aggensteiner, P., Bottinger, B., Baumeister, S., et al. (2024). Randomized controlled trial of individualized arousal-biofeedback for children and adolescents with disruptive behavior disorders (DBD). *European Child & Adolescent Psychiatry*, 33, 3055-3066.
- Bansal, P.S., & Haas, S.M., Willloughby, M.T., Coles, E.K., Pelham, W.E., & Waschbusch, D.A. (2020). A pilot study of emotional response to time-out in children with conduct problems and callous-unemotional traits. *Psychological Reports*, 123, 2017-2037.
- Bottinger, B.W., Aggensteiner, R.M., Hohmann, S., Heintz, S., Ruf, M., Glennon, J., et al. (20224). Exploring real-time functional magnetic imaging neurofeedback in adolescents

- with disruptive behavior disorders and callous unemotional traits. *Journal of Affective Disorders*, 345, 32-42.
- Elizur, Y., Somech, L.Y., & Vinokur, A.D. (2017). Effects of parent training on callous-unemotional traits, effortful control, and conduct problems: Mediation by parenting. *Journal of Abnormal Child Psychology*, 45, 15-26.
- Fleming, G.E., Neo, B., Briggs, N.E., Kaouar, S., Frick, P.J., & Kimonis, E.R. (2022). Parent training adapted to the needs of children with callous-unemotional traits: A randomized controlled trial. *Behavior Therapy*, 53, 1265-1281
- Garcia, A.M., Graziano, P.A., & Hart, K.C. (2018). Response to time-out among preschoolers with externalizing behavior problems: The role of callous-unemotional traits. *Child Psychiatry & Human Development*, 49, 699-708.
- Graziano, P.A., Hernandez, M.L., & Dick, A.S. (2024). Examining change in callous-unemotional behaviors in young children with attention-deficit/hyperactivity disorder (ADHD) and comorbid disruptive behavior disorders: Impact of the Summer Treatment Program for pre-kindergarteners (STP-PreK). *Research on Child and Adolescent Psychopathology*.
- Kimonis, E.R., Fleming, G., Briggs, N., Brouwer-French, L., Frick, P.J., Hawes, D.J., Bagner, D.M., Thomas, R., & Dadds, M. (2019). Parent-Child Interaction Therapy adapted for preschoolers with callous-unemotional traits: An open trial pilot study. *Journal of Clinical Child and Adolescent Psychology*, 48 (S1), S347-S61.
- Kyradnides, M.N., Fanti, K.A., Katsimicha, E., & Goergia, G. (2018). Preventing conduct disorder and callous-unemotional traits: Preliminary results of a school based pilot training program. *Journal of Abnormal Child Psychology*, 46, 291-303.
- Manders, W.A., Dekovic, M., Asscher, J.J., van der Laan, P.H., & Prins, P.J.M. (2013). Psychopathy as a predictor and moderator of multisystemic therapy outcomes among adolescents treated for antisocial behavior. *Journal of Abnormal Child Psychology*, 41, 1121-1132.
- Masi G., Manfredi, A., Milone, A., Muratori, P., Polidori, L., Ruglioni, L., & Muratori, F. (2011). Predictors of nonresponse to psychosocial treatment of children and adolescents with disruptive behavior disorders. *Journal of Child and Adolescent Psychopharmacology*, 21, 51-55.
- Mattos, L.A., Schmidt, A.T., Henderson, C.E., & Hogue, A. (2017). Therapeutic alliance and treatment outcome in the outpatient treatment of urban adolescents: The role of callous-unemotional traits. *Psychotherapy*, 54, 136-147.

- Muratori, P., Milone, A., Levantini, V., Ruglioni, L., Lambruschi, F., Pisano, S., Masi, G., & Lochman, J.E. (2019). Six-year outcome for children with ODD or CD treated with the coping power program. *Psychiatry Research*, 271, 454-458.
- Muratori, P., Milone, A., Manfredi, A., Polidori, L., Ruglioni, L., Lambruschi, F., Masi, G., & Lochman, J.E. (2017). Evaluation of improvement in externalizing behaviors and callous-unemotional traits in children with disruptive behavior disorder: A 1-year follow up clinic-based study. *Administration and Policy in Mental Health and Mental Health Services Research*, 44, 452-462.
- Ostrosky, F., Decety, J., et al. (2024). Can psychopathy be prevented? Clinical, neuroimaging, and genetic data: an exploratory study. *Child Neuropsychology*, 30, 861-881.
- Parent, J., Jones, D.J., DiMarzio, Y., Wright, K.L., Sullivan, A.D.W., & Forehand, R. (2023). The effects of young children's callous-unemotional traits on behaviorally observed outcomes in standard and technology-enhanced behavioral parent training. *Research on Child and Adolescent Psychopathology*, 51, 165-175.
- Pederson, C.A., Fite, P.J., Weigand, P.D., Myers, H., & Housman, L. (2020). Implementation of a behavioral intervention in a juvenile detention center: Do individual characteristics matter? *International Journal of Offender Therapy and Comparative Criminology*, 64, 83-99.
- Piscitello, J., Robertson, E.L., Renaud, M., Leon, D., Hayes, T., & Pelham, W.E. (in press). Impact of an 8-week, intensive summer treatment program on improving coercive caregiver-child interactions among children with and without callous unemotional traits. *Behavior Therapy*.
- Simpson, T.P., Frick, P.J., Kahn, R.E., & Evans, L.J. (2013). Therapeutic alliance in justice-involved boys undergoing mental health treatment: The role of callous-unemotional traits. *International Journal of Forensic Mental Health*, 12, 83-92.
- Somech, L.Y. & Elizur, Y. (2012). Promoting self-regulation and cooperation in pre-kindergarten children with conduct problems: A randomized controlled trial. *Journal of the American Academy of Child and Adolescent Psychiatry*, 51, 412-422.
- Speck, J., Frick, P.J., Vaughan, E.P., Walker, T.M., Robertson, E.L., Ray, J.V., Myers, T.D.W., Thornton, L.C., Steinberg, L., & Cauffman, E. (2024). Health Service utilization in adolescents following a first Arrest: The role of antisocial behavior, callous-unemotional traits, and juvenile justice system processing. *Administration and Policy in Mental Health and Mental Health Services Research*, 51, 393-405.
- Vardanian, M.M., Scavenius, C., Granski, M., & Chacko, A. (2019). An international examination of the effectiveness of functional family therapy (FFT) in a Danish community sample. *Journal of Marital and Family Therapy*, 46, 289-303.

- Waschbusch, D.A., Willoughby, M.T., Haas, S.M., Ridenour, T., Helseth, S., Crum, K.I., Altszuler, J., Ross, M., Coles, E.K., & Pelham, W.E. (2020). Effect of behavioral treatment modified to fit children with conduct problems and callous-unemotional (CU) traits. *Journal of Clinical Child and Adolescent Psychology*, 49, 639-650.
- White, S.F., Frick, P.J., Lawing, K., & Bauer, D. (2013). Callous-unemotional traits and response to functional family therapy in adolescent offenders. *Behavioral Science and the Law*, 31, 271-285.