ISSN: 0954-5794

DEVELOPMENT AND PSYCHOPATHOLOGY

Dante Cicchetti Editor



DEVELOPMENT AND PSYCHOPATHOLOGY

ISSN 0954-5794

Editor Dante Cicchetti

Institute of Child Development, University of Minnesota

Associate Editors

Theodore P. Beauchaine, Notre Dame, USA; Patrick Davies, University of Rochester, USA; Stephen Hinshaw, University of California, Berkeley, USA; Elizabeth Handley, Mt. Hope Family Center, University of Rochester, USA; Suniya Luthar, Authentic Connections, USA; David Magnusson, University of Stockholm, Sweden; Ann S. Masten, Institute of Child Development, University of Minnesota, USA; Katie McLaughlin, Harvard University, USA; Ronald Seifer, Brown University, USA; Daniel Shaw, University of Pittsburgh, USA; L. Alan Sroufe, Institute of Child Development, University of Minnesota, USA; Melissa L. Sturge-Apple, University of Rochester, USA; Sheree L. Toth, Mt. Hope Family Center, University of Rochester, USA; Elaine Walker, Emory University, USA

Editorial Board

Lenneke Alink, Leiden University, The Netherlands; Marian Bakersman-Krandenberg, Leiden University, The Netherlands; Carrie E. Bearden, University of California, Los Angeles, USA; Marjorie Beeghly, Children's Hospital, Boston & Wayne State University, USA; Jay Belsky, University of California, Davis, USA; Daniel Berry, Institute of Child Development, University of Minnesota, USA; Jacob Burack, McGill University, Canada; Keith Burt, University of Vermont, USA; Nicole Bush, University of California, San Francisco, USA; Susan Calkins, University of North Carolina, Greensboro, USA; Susan Campbell, University of Pittsburgh, USA; Tyrone Cannon, Yale University, USA; Laurie Chassin, Arizona State University, USA; E. Jane Costello, Duke University Medical Center, USA; Michael DeBellis, Duke University Medical Center, USA; Jean Decety, University of Chicago, USA; Leah D. Doane, Arizona State University; Colin G. DeYoung, University of Minnesota, USA; Jenalee Doom, Denver University, USA; Colleen Doyle, Institute of Child Development, University of Minnesota, USA; Mary Dozier, University of Delaware, USA; Katie Ehrlich, University of Georgia, USA; Inge-Marie Eigsti, University of Connecticut, USA; Nancy Eisenberg, Arizona State University, USA; Peter Fonagy, Menninger Clinic, USA and University College, London, UK; Cynthia Garcia Coll, Carlos Albizu University, Puerto Rico; Elena L. Grigorenko, University of Houston, USA; Benjamin L. Hankin, $University of Il linois, Urbana-Champaign, USA; {\bf Kathryn Humpheys}, Vanderbilt University, USA; {\bf Luke Hyde}, University of Michigan, USA; {\bf Nicholas Ialongo}, USA; {\bf Nicholas Ialongo}, {\bf USA}; {\bf USA};$ Johns Hopkins University, USA; Camelia Hostinar, University of California, Davis, USA; Sara Jaffee, University of Pennsylvania, USA; Mark Johnson, Birkbeck College, London, UK; Canan Karatekin, Institute of Child Development, University of Minnesota, USA; Jungmeen Kim-Spoon, Virginia Tech, USA; Julia Kim-Cohen, University of Illinois, Chicago, USA; Bonnie Klimes-Dougan, University of Minnesota, USA; Jennifer Lansford, Duke University, USA; Mark Lenzenweger, SUNY Binghamton, USA; Leslie Leve, University of Oregon, USA; Alicia Lieberman, San Francisco General Hospital, USA; Sonia Lupien, McGill University, Canada; Michael Lynch, SUNY Geneseo, USA; Jenny Macfie, University of Tennessee, USA; Jody Todd Manly, Mt. Hope Family Center, University of Rochester, USA; Peter J. Marshall, Temple University, USA; Erin B. McClure-Tone, Georgia State University, USA; Ellen Moss, Université du Québec à Montréal, Canada; Eun Young Mun, University of North Texas, USA; Dianna Murray-Close, University of Vermont, USA; Angela Narayan, Denver University, USA; Misaki N. Natsuaki, University of California, Riverside, USA; Joel Nigg, Oregon Health and Science University, USA; Jennie G. Noll, Pennsylvania State University, USA; Thomas G. O'Connor, University of Rochester, USA; Assaf Oshri, University of Georgia, USA; Nicole Perry, University of Texas, Austin, USA; Daniel Pine, National Institute of Mental Health, USA; Robert Plomin, Institute of Psychiatry, London, UK; Seth Pollak, University of Wisconsin, Madison, UK; Michael Posner, University of Oregon, USA; Robert M. Post, Bipolar Collaborative Network, USA; Sally J. Rogers, University of California, Davis, USA; Glenn Roisman, Institute of Child Development, University of Minnesota, USA; Isabelle M. Rosso, Harvard University, USA; Tania Roth, University of Delaware, USA; Mary K. Rothbart, University of Oregon, USA; Karen Rudolph, University of Illinois at Urbana-Champaign, USA; Richard Ryan, University of Rochester, USA & Australian Catholic University, Australia; Jessica E. Salvatore, Virginia Commonwealth University, USA; M. Mar Sanchez, Emory University, USA; John Schulenberg, University of Michigan, USA; Margaret Sheridan, University of North Carolina, Chapel Hill, USA; Elizabeth A. Shirtcliff, Iowa State University, USA; Margaret Beale Spencer, University of Chicago, USA; Lisa Starr, University of Rochester, USA; Katheen M. Thomas, Institute of Child Development, University of Minnesota, USA; Don Tucker, University of Oregon, USA; Audrey R. Tyrka, Brown University, USA; Kristin Valentino, University of Notre Dame, USA; Brian Vaughn, Auburn University, USA; Helena Verdeli, Teachers College, Columbia University, USA; Irwin Waldman, Emory University, USA; Theodore E. A. Waters, New York University, Abu Dhabi; Sylia Wilson, Institute of Child Development, University of Minnesota, USA; Philip D. Zelazo, Institute of Child Development, University of Minnesota, USA; Robert Zucker, University of Michigan, USA

Editorial Board Members in Memoriam: Dennis P. Cantwell, Donald J. Cohen, Nicki R. Crick, Doug Derryberry, Thomas J. Dishion, Norman Garmezy, Xiaojia Ge, Robert Harmon, Stuart Hauser, Marian Radke-Yarrow, Lee Robins, Fred A. Rogosch, Michael Rutter, James Snyder

Aims and Scope: Development and Psychopathology is an international multidisciplinary journal devoted to the publication of original empirical, theoretical, and review articles on the interrelationship of normal and pathological development in children and adults.

Editorial Office: Institute of Child Development, University of Minnesota, 51 East River Parkway, Minneapolis, MN 55455. Telephone: 612-625-5213. E-mail: devpsychopathol@umn.edu

Assistant to Editor: Karlyn Wegmann, University of Minnesota

Publishing, Production, and Advertising Office: Cambridge University Press, One Liberty Plaza, New York, NY 10006.

Subscription Offices: (for USA, Canada, and Mexico) Cambridge University Press, One Liberty Plaza, New York, NY 10006; (for UK and elsewhere) Cambridge University Press, University Printing House, Shaftesbury Road, Cambridge CB2 8BS, UK.

2022 Subscription Information: Development and Psychopathology (ISSN 0954-5794) is published five times per year by Cambridge University Press, One Liberty Plaza, New York, NY 10006, USA/Cambridge University Press, University Printing House, Shaftesbury Road, Cambridge CB2 8BS, UK. Annual subscription rates: Institutions print and electronic: US \$1220 in the USA, Canada, and Mexico; UK £674 VAT elsewhere. Institutions electronic only: US \$877 in the USA, Canada, and Mexico; UK £487 VAT elsewhere. Individuals print and electronic: US \$304 in the USA, Canada, and Mexico; UK £164 VAT elsewhere. Individuals electronic only: US \$234 in the USA, Canada, and Mexico; UK £130 VAT elsewhere. Single Part: US \$281.00 in the USA, Canada, and Mexico; UK £155.00 VAT elsewhere. Prices include postage and insurance. Airmail or registered mail is extra. Back volume prices are available upon request.

Institutional Subscribers: Information on *Development and Psychopathology* and all other Cambridge journals is available at the Cambridge Journals Online website via http://www.journals.cambridge.org

Indexing: This journal is covered in *Child Development Abstracts & Bibliography, Current Contents/Social & Behavioral Sciences, Social Sciences Citation Index, Index Medicus, and MEDLINE.*

© Cambridge University Press 2022. All rights reserved. No part of this publication may be reproduced, in any form or by any means, electronic, photocopy, or otherwise, without permission in writing from Cambridge University Press. For further information see http://us.cambridge.org/information/rights or http://www.cambridge.org/uk/information/rights

Photocopying Information (for USA only): The Item-Fee Code for this publication (0954-5794/18) indicates that copying for internal or personal use beyond that permitted by Sec. 107 or 108 of the US Copyright Law is authorized for users duly registered with the Copyright Clearance Center (CCC), provided that the appropriate remittance per article is paid directly to: CCC, 222 Rosewood Drive, Danvers, MA 01923. Specific written permission must be obtained for all other copying; contact the nearest Cambridge University Press office. Contact the ISI Tearsheet Service, 3501 Market Street, Philadelphia, PA 19104, for single copies of separate articles.

Periodicals postage is paid at New York, NY, and additional mailing offices. POSTMASTER: Send address changes in the USA, Canada, and Mexico to: *Development and Psychopathology,* Cambridge University Press, One Liberty Plaza, New York, NY 10006.

Printed in the United States of America.

DEVELOPMENT AND PSYCHOPATHOLOGY

Volume 34 February 2022 Number 1

CONTENTS

		Regular Articles
Xiaoning Sun, John R. Seeley and Nicholas B. Allen	1	Parental internalizing disorder and the developmental trajectory of infant self-regulation: The moderating role of positive parental behaviors
Karen J. Mathewson, Patrick O. McGowan, Wilfred C. de Vega, Ryan J. Van Lieshout, Katherine M. Morrison, Saroj Saigal and Louis A. Schmidt	19	DNA methylation profiles in adults born at extremely low birth weight
Katherine Newton, Elizabeth Taylor Buck, Scott Weich and Lesley Uttley	37	A review and analysis of the components of potentially effective perinatal mental health interventions for infant development and mother-infant relationship outcomes
Amalia Londono Tobon, Eileen Condon, Lois S. Sadler, Margaret L. Holland, Linda C. Mayes and Arietta Slade	55	School age effects of Minding the Baby—An attachment-based home-visiting intervention—On parenting and child behaviors
Gerald F. Giesbrecht, Nicole Letourneau, Deborah Dewey and the APrON Study Team	69	Latent class trajectories of infant temperament and associations with problem behavior at two years of age
Laura M. Hunnikin, Amy E. Wells, Daniel P. Ash and Stephanie H. M. van Goozen	85	Can facial emotion recognition be rapidly improved in children with disruptive behavior? A targeted and preventative early intervention study
Bruce J. Ellis, Laura S. Abrams, Ann S. Masten, Robert J. Sternberg, Nim Tottenham and Willem E. Frankenhuis	95	Hidden talents in harsh environments
L. Cortés-García, K. R. Viddal, L. Wichstrøm and C. Senra	115	Mediating role of depressive symptoms linking insecure attachment and disordered eating in adolescents: A multiwave longitudinal study

Jenalee R. Doom, Melissa K. Peckins, Tyler C. Hein, Hailey L. Dotterer, Colter Mitchell, Nestor L. Lopez-Duran, Jeanne Brooks-Gunn, Sara McLanahan, Luke W. Hyde, James L. Abelson and Christopher S. Monk	129	Differential associations of parental harshness and parental disengagement with overall cortisol output at 15 years: Implications for adolescent mental health
Vathsalan Rajan, Frank Neuner and Claudia Catani	147	Explaining the accumulation of victimization in vulnerable children: Interpersonal violence among children traumatized by war and disaster in a children's home in Sri Lanka
Ilya Yaroslavsky, Angela H. Bush and Christopher M. France	157	Emotion regulation deficits mediate childhood sexual abuse effects on stress sensitization and depression outcomes
Kit K. Elam, Sierra Clifford, Ariana Ruof, Daniel S. Shaw, Melvin N. Wilson and Kathryn Lemery-Chalfant	171	Genotype-environment correlation by intervention effects underlying middle childhood peer rejection and associations with adolescent marijuana use
Tiago Ferreira, Joana Cadima, Marisa Matias, Teresa Leal and Paula Mena Matos	183	Relations between child self-control, maternal relational frustration, and teacher-child conflict: a longitudinal study with children from dual-earner families
Lianne Bakkum, Mirjam Oosterman, Marije L. Verhage, Florentina C. Kunseler, R. M. Pasco Fearon, Carlo Schuengel and Robbie Duschinsky	197	Psychophysiological responses underlying unresolved loss and trauma in the Adult Attachment Interview
Alexis Brieant, Brooks King-Casas and Jungmeen Kim-Spoon	213	Transactional relations between developmental trajectories of executive functioning and internalizing and externalizing symptomatology in adolescence
Maeve Cyr, Yao Zheng and Robert J. McMahon	225	A long-term look at "early starters": Predicting adult psychosocial outcomes from childhood conduct problem trajectories
Jason José Bendezú, Alaina Wodzinski, John E. Loughlin-Presnal, Jesse Mozeko, Sierra Cobler and Martha E. Wadsworth	241	A multiple levels of analysis examination of the performance goal model of depression vulnerability in preadolescent children
Jessica P. Lougheed, Robert J. Duncan, Gizem Keskin and Kristine Marceau	263	Longitudinal associations between mother-child conflict and child internalizing problems in mid-childhood

ChienTi Plummer Lee, Joshua Mersky, Ian Marsee and Bernard Fuemmeler	273	Childhood polyvictimization and marijuana use trajectories
Emilie Lacroix, Melissa J. Atkinson, Kirsty M. Garbett and Phillippa C. Diedrichs	285	One size does not fit all: Trajectories of body image development and their predictors in early adolescence
Xiaoya Zhang and Jay Belsky	295	Three phases of Gene × Environment interaction research: Theoretical assumptions underlying gene selection
K. Lee Raby, Marije L. Verhage, R. M. Pasco Fearon, R. Chris Fraley, Glenn I. Roisman, Marinus H. van IJzendoorn, Carlo Schuengel, Sheri Madigan, Mirjam Oosterman, Marian J. Bakermans-Kranenburg, Annie Bernier, Karin Ensink, Airi Hautamäki, Sarah Mangelsdorf, Lynn E. Priddis, Maria S. Wong and The Collaboration on Attachment Transmission Synthesis	307	The latent structure of the adult attachment interview: Large sample evidence from the collaboration on attachment transmission synthesis
Christopher R. Beam, Patrizia Pezzoli, Jane Mendle, S. Alexandra Burt, Michael C. Neale, Steven M. Boker, Pamela K. Keel and Kelly L. Klump	321	How nonshared environmental factors come to correlate with heredity
Eva Billen, Carlo Garofalo, Joshua A. Weller, Levent Kirisci, Maureen Reynolds, Ralph E. Tarter and Stefan Bogaerts	335	Bidirectional associations between self-regulation and deviance from adolescence to adulthood
Charlotte Booth, Annabel Songco, Sam Parsons and Elaine Fox	345	Cognitive mechanisms predicting resilient functioning in adolescence: Evidence from the CogBIAS longitudinal study
Gabriel L. Schlomer and Kristine Marceau	355	Father absence, age at menarche, and genetic confounding: A replication and extension using a polygenic score
Timothy Matthews, Avshalom Caspi, Andrea Danese, Helen L. Fisher, Terrie E. Moffitt and Louise Arseneault	367	A longitudinal twin study of victimization and loneliness from childhood to young adulthood

Kristine Marceau and Jenae Neiderhiser	379	Generalist genes and specialist environments for adolescent internalizing and externalizing problems: A test of severity and directionality
Yafeng Zhang, Wei Tian, Chao Wang, Bin Guo, Guangcan Yan, Hui Yin, Zuoming Zhang, Yuchun Tao, Yixin Liu, Quan Zhou and Limin Wang	387	Parental rearing and personality traits as predictors for adolescents with obsessive–compulsive disorder (OCD)
Trenette Clark Goings, Tianyi Yu and Gene H. Brody	395	Contextual risks and psychosocial outcomes among rural African American emerging adults: A latent profile analysis
Katherine M. Crawford, Karmel Choi, Kathryn A. Davis, Yiwen Zhu, Thomas W. Soare, Andrew D.A.C. Smith, Laura Germine and Erin C. Dunn	409	Exposure to early childhood maltreatment and its effect over time on social cognition
Aino Saarinen, Niklas Granö, Mirka Hintsanen, Terho Lehtimäki, C. Robert Cloninger and Liisa Keltikangas-Järvinen	421	Bidirectional pathways between psychosocial risk factors and paranoid ideation in a general nonclinical population
Alessandro Decarli, Blaise Pierrehumbert, André Schulz, Violetta Katharina Schaan and Claus Vögele	431	Disorganized attachment in adolescence: Emotional and physiological dysregulation during the Friends and Family Interview and a conflict interaction