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 A. 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,  $University of Illinois, Urbana-Champaign, USA; {\bf Kathryn Humpheys}, Vanderbilt University, USA; {\bf Luke Hyde}, University of Michigan, USA; {\bf Nicholas Ialongo}, {\bf USA}; {\bf Nicholas Ialongo}, {\bf USA}; {\bf University of Michigan}, {\bf USA}; {\bf Nicholas Ialongo}, {\bf USA}; {\bf University of Michigan}, {\bf UNIVERSITY of Michigan}, {\bf UNIVERSITY o$ 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 of Minnesota, USA; Jennifer Lansford, U sity, 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; 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, Jenny Macfie, 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, Univ

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 October 2022 Number 4

#### **CONTENTS**

#### Regular Articles

		110 0000
Peter Fonagy, Chloe Campbell, Matthew Constantinou, Anna Higgitt, Elizabeth Allison and Patrick Luyten	1205	Culture and psychopathology: An attempt at reconsidering the role of social learning
Peter M. Fantozzi, Gina Sprint and Anna Marie Medina	1221	Pediatric sarcoma survivorship: A call for a developmental cascades approach
Noora Hyysalo, Marissa Gastelle and Marjo Flykt	1231	Maternal pre- and postnatal substance use and attachment in young children: A systematic review and meta-analysis
Yoko Nomura, Wei Zhang and Yasmin L. Hurd	1249	Stress in pregnancy: Clinical and adaptive behavior of offspring following Superstorm Sandy
Lauren A. Demers, Ruskin H. Hunt, Dante Cicchetti, Julia E. Cohen-Gilbert, Fred A. Rogosch, Sheree L. Toth and Kathleen M. Thomas	1260	Impact of childhood maltreatment and resilience on behavioral and neural patterns of inhibitory control during emotional distraction
Azure Reid-Russell, Adam Bryant Miller, Dario Cvencek, Andrew N. Meltzoff and Katie A. McLaughlin	1272	Lower implicit self-esteem as a pathway linking childhood abuse to depression and suicidal ideation
Chad E. Shenk, Joseph R. Rausch, Kenneth A. Shores, Elizabeth K. Allen and Anneke E. Olson	1287	Controlling contamination in child maltreatment research: Impact on effect size estimates for child behavior problems measured throughout childhood and adolescence
Gretchen R. Perhamus, Kristin J. Perry, Dianna Murray-Close and Jamie M. Ostrov	1300	Stress reactivity and social cognition in pure and co-occurring early childhood relational bullying and victimization
Carla Oberth, Natalie Goulter and Robert J. McMahon	1313	The comparative and cumulative impact of different forms of violence exposure during childhood and adolescence on long-term adult outcomes
Tobias Hecker, Lars Dumke, Frank Neuner and Faustine B. Masath	1329	Mental health problems moderate the association between teacher violence and children's social status in East Africa: A multi-informant study combining self- and peer-reports

Shai Motsan, Karen Yirmiya	1339	Chronic early trauma impairs emotion recognition
AND RUTH FELDMAN	1337	and executive functions in youth; specifying biobehavioral precursors of risk and resilience
Xiao Zhou and Xinchun Wu	1353	Posttraumatic stress disorder and growth: Examination of joint trajectories in children and adolescents
Jeroen van Oosterhout, Kim van der Linden, Claudia J. P. Simons, Thérèse van Amelsvoort and Machteld Marcelis	1366	Exploring the autism spectrum: Moderating effects of neuroticism on stress reactivity and on the association between social context and negative affect
Leah A. Grande, Danielle A. Swales, Curt A. Sandman, Laura M. Glynn and Elysia Poggi Davis	1376	Maternal caregiving ameliorates the consequences of prenatal maternal psychological distress on child development
Annie Brandes-Aitken, Stephen Braren, Sarah C. Vogel, Rosemarie E. Perry, Natalie H. Brito and Clancy Blair	1386	Within-person changes in basal cortisol and caregiving modulate executive attention across infancy
Anna E. S. Allmann, Daniel N. Klein and Daniel C. Kopala-Sibley	1400	Bidirectional and transactional relationships between parenting styles and child symptoms of ADHD, ODD, depression, and anxiety over 6 years
Patrick T. Davies, Morgan J. Thompson, Jesse L. Coe and Melissa L. Sturge-Apple	1412	Maternal and paternal unsupportive parenting and children's externalizing symptoms: The mediational role of children's attention biases to negative emotion
Stephanie S. Fredrick, Amanda B. Nickerson and Jennifer A. Livingston	1429	Family cohesion and the relations among peer victimization and depression: A random intercepts cross-lagged model
Jason José Bendezú, Casey D. Calhoun, Megan W. Patterson, Abigail Findley, Karen D. Rudolph, Paul Hastings, Matthew K. Nock and Mitchell J. Prinstein	1447	Adolescent girls' stress responses as prospective predictors of self-injurious thoughts and behaviors: A person-centered, multilevel study
Selim Sametoğlu, Jaap J. A. Denissen, Barbara De Clercq and Elien De Caluwé	1468	Towards a better understanding of adolescent obsessive–compulsive personality traits and obsessive–compulsive symptoms from growth trajectories of perfectionism
Louise Black, Margarita Panayiotou and Neil Humphrey	1477	Internalizing symptoms, well-being, and correlates in adolescence: A multiverse exploration via cross-lagged panel network models
Spencer L. James, David A. Nelson, McKell A. Jorgensen-Wells and Danielle Calder	1492	Marital quality over the life course and child well-being from childhood to early adolescence
J. Benjamin Hinnant, Brian T. Gillis, Stephen A. Erath and Mona El-Sheikh	1506	Onset of substance use: Deviant peer, sex, and sympathetic nervous system predictors

Shogo Hihara, Kazumi Sugimura, Tomotaka Umemura, Yasuhiro Iwasa and Moin Syed	1516	Positive and negative valences of identities: Longitudinal associations of identity content valences with adaptive and maladaptive functioning among Japanese young adults
Ola Mohamed Ali, Lindsay N. Gabel, Kasey Stanton, Erin A. Kaufman, Daniel N. Klein and Elizabeth P. Hayden	1531	Observational measures of early irritability predict children's psychopathology risk
N. Keita Christophe and Gabriela L. Stein	1544	Shift-&-Persist and discrimination predicting depression across the life course: An accelerated longitudinal design using MIDUSI-III
Ayten Bilgin, Rebecca Bondü and Birgit Elsner	1560	Longitudinal associations between justice sensitivity, nonsuicidal self-injury, substance use, and victimization by peers
SCOTT TILLEM, MAY I. CONLEY AND ARIELLE BASKIN-SOMMERS	1573	Conduct disorder symptomatology is associated with an altered functional connectome in a large national youth sample
Wolfgang Wiedermann, Keith C. Herman, Wendy Reinke and Alexander von Eye	1585	Configural frequency trees
Tiffany M. Shader and Theodore P. Beauchaine	1604	A Monte Carlo evaluation of growth mixture modeling
Amanda M. Skoranski, Elizabeth A. Skowron, Akhila K. Nekkanti, Carolyn M. Scholtes, Emma R. Lyons and David S. DeGarmo	1618	PCIT engagement and persistence among child welfare-involved families: Associations with harsh parenting, physiological reactivity, and social cognitive processes at intake
Silvia Melero, Alexandra Morales, Samuel Tomczyk, José Pedro Espada and Mireia Orgilés	1636	Who benefits most from an evidence-based program to reduce anxiety and depression in children? A latent profile analysis