Development and Psychopathology strongly encourages contributions from a wide array of disciplines because an effective developmental approach to psychopathology necessitates a broad synthesis of knowledge. Manuscripts will be considered that address, for example, the causes and effects of genetic, neurobiological, biochemical, cognitive, or socioemotional factors in developmental processes with relevance to various risk or psychopathological conditions. The journal also seeks articles on the processes underlying the adaptive and maladaptive outcomes in populations at risk for psychopathology.

## **Manuscript Review Policy**

Manuscripts will have a blind review by at least two scholars. Every effort will be made to notify authors within 90 days of submission concerning the reviewers' recommendations and comments. *Development and Psychopathology* has no page charges.

## **Manuscript Submission and Review**

All manuscript submissions to *Development and Psychopathology* must be made electronically via ScholarOne Manuscripts:

#### http://mc.manuscriptcentral.com/dpp

Please follow the complete instructions on this website to avoid delays. The instructions will prompt the author to provide all necessary information, including the corresponding author's contact information, which includes complete mailing address, phone and fax numbers, and an e-mail address. The website also requests suggested reviewers. The website will automatically acknowledge receipt of the manuscript and provide a manuscript reference number. The Editor-in-Chief will assign the manuscript to an Editor who will choose at least two other reviewers. Every effort will be made to provide the author with a rapid review. If the Editor requests that revisions be made to the manuscript before publication, a maximum of 3 months will be allowed for preparation of the revision. For additional information on the new online submission and review system, please read the Tutorial for Authors or the Tutorial for Reviewers available from ScholarOne Manuscripts.

#### **Manuscript Preparation and Style**

*General*. All manuscripts must be provided in MSWord or PDF format in 12-point type with 1-in. margins on all sides. The entire manuscript must be double-spaced and numbered consecutively. The language of publication is English.

*Style and Manuscript Order*. Follow the general style guidelines set forth in the *Publication Manual of the American Psychological Association* (5th ed.). The Editor may find it necessary to return manuscripts for reworking or retyping that do not conform to requirements. Do not use embedded references, end notes, or bookmarks. Manuscripts must be arranged in the following order:

*Title Page* (page 1). To facilitate blind review, all indication of authorship must be limited to this page; other pages must only show the short title plus page number at the top right. The title page should include the (a) full article title; (b) name and affiliations of all authors; (c) acknowledgments; (d) mailing address and telephone number of the corresponding author; (e) address of where to send offprints, if different from the corresponding author; and (f) a short title of less than 50 characters.

Acknowledgments (page 1). These should be placed below the affiliations. Use this section to indicate grant support, substantial assistance in the preparation of the article, or other author notes. *Abstract Page* (page 2). Include (a) a full article title, (b) an abstract of no more than 200 words, and (c) up to five keywords for indexing and information retrieval.

*Text* (page 3). Use a standard paragraph indent. Do not hyphenate words at the ends of lines or justify right margins.

*References.* Bibliographic citations in the text must include the author's last name and date of publication and may include page references. Examples of in-text citation style are Cicchetti (2002), Durston (2008, pp. 1133–1135), Hunt and Thomas (2008), (Hunt & Thomas, 2008), (Posner, Rothbart, Sheese, & Tang, 2007), and subsequently (Posner et al., 2007). If more than one, citations must be in *alphabetical* order. Every in-text citation must be included in the reference section; every reference must be cited in the text. Examples of reference styles:

#### Journal Article

Cicchetti, D., & Thomas, K. M. (2008). Imaging brain systems in normality and psychopathology. *Development and Psychopathology*, 20, 1023–1027.

#### Book

Piaget, J. (1962). *Play, dreams, and imitation in childhood*. New York: Norton.

#### **Chapter in an Edited Book**

Gottlieb, G., & Willoughby, M. T. (2006). Probabilistic epigenesis of psychopathology. In D. Cicchetti & D. Cohen (Eds.), *Developmental psychopathology* (Vol. 1, 2nd ed., pp. 673–700). Hoboken, NJ: Wiley.

Appendix (optional). Use only if needed.

*Tables*. Tables must appear as a unit following the reference section. Each table should be typed double-spaced on a separate page, numbered consecutively with an Arabic numeral, and given a short title (e.g., Table 5. Comparisons on language variables). All tables must be cited in the text.

*Figures.* Figures must appear as a unit following the tables. Each figure must be numbered consecutively with an Arabic numeral and a descriptive legend. Legends must be provided separately from the artwork (e.g., Figure 3. The progress in language development). Figures, which are normally in black and white, should be no larger than  $6 \times 9$  in. and placed within the manuscript file. If authors have print color figures, Cambridge will provide a price quotation for the cost to the author. Online-only color is provided free of cost. Diagrams must be computer generated. All labels and details must be clearly presented and large enough to remain legible at a 50% reduction. Artwork should be identified by figure number and short title. All figures must be cited in the text.

## **Copyediting and Page Proofs**

The publisher reserves the right to copyedit manuscripts to conform to journal style. The corresponding author will receive page proofs for correction of typographical errors only. No rewriting of the original manuscript as submitted is allowed in the proof stage. Authors must return proofs to Cambridge within 48 hr of receipt or approval will be assumed.

## Offprints

The corresponding author will receive a free high-quality PDF of his or her article. A form accompanying the page proofs allows the corresponding author to order complete copies of the issue and/or purchase offprints. All coauthor offprint requirements must be included on this form. Orders received after the issue is printed are subject to a 50% reprint surcharge.

# **Copyright and Originality**

It is a condition of publication that all manuscripts submitted to this journal have not been published and will not be simultaneously submitted or published elsewhere. All authors must sign the Transfer of Copyright Agreement, which is available from ScholarOne Manuscripts, before an article can be published. Government authors whose articles were created in the course of their employment must so certify in lieu of copyright transfer. Authors must obtain written permission from the copyright owners to reprint any previously published material included in their article and provide the permissions to Cambridge University Press.

UNITED STATES	Statemen	t of Ownership, Ma	nagement, and Circulat	tion
DIVITED STATES POSTAL SERVICE •	(All Periodicals	<b>Publications Exce</b>	pt Requester Publicatio	ns)
1. Publication Title		2. Publication Number	3. Filing Date	_

		UUIU	0000	11011	or ming conte				
Development and Psychopathology		0	1	0	-	9	6	3	10/1/2013
ssue Frequency 5. Number of Issues Published Annual very 3 months Feb, May, Aug, Nov 4				By 6. Annual Subscription Price \$681.00					
<ol> <li>Complete Mailing Address of Known Office of Publication (Not printer) Cambridge University Press</li> </ol>	(Street, c	ity, co	uniy,	state	e, a	nd Z	P+48	9	Contact Person Helen Sunakawa
32 Ave. of the Americas, New York, NY 10013-2	473								Telephone (Include area code) 8453484411

Cambridge University Press Edinburgh Building, Cambridge CB2 2RU, England

9. Full Names and Complete Mailing Addresses of Publisher, Editor, and Managing Editor (Do not leave blank) Publisher (Name and complete mailing address)

Cambridge University Press 32 Ave. of the Americas, New York, NY 10013-2473

Editor (Name and complete mailing address)

Dante Cicchetti, Mt. Hope Family Center, University of Rochester and Institute of Child Development and Department of Psychiatry, University of Minnesota, USA Managing Editor (Name and complete mailing address)

Simon Ross, Cambridge University Press, 32 Ave. of the Americas, New York, NY 10013-2473

names and addresses of all stockholders owning or hold	y a corporation, give the name and address of the corporation immediately followed by the ling 1 parcent or more of the total amount of stock. If not owned by a corporation, give the I by a partnership or other unincorporated firm, give its name and address as well as those or a nonprofit organization, give its name and address.)
Full Name	Complete Mailing Address
Cambridge University Press	Edinburgh Building
	Shaftesbury Rd
	Cambridge CB2 2RU, England
11. Known Bondholders, Mortgagees, and Other Security Hi Other Securities. If none, check box	olders Owning or Holding 1 Percent or More of Total Amount of Bonds, Morlgages, or
Full Name	Complete Mailing Address

12. Tax Status (For completion by nonprofit organizations authorized to mail at nonprofit rates) (Check one) The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes:

FO	rm 3526, Au	gus	2012 (Page 1 of 3 (Instructions Page 3)) PSN: 7530-01-0	00-9931 PRIVACY	NOTICE: See our privac	y policy on www.usps.co	
	Publication T		d Psychopathology		14. Issue Date for Circu 08/13	lation Data Below	
. 6	xtent and N	latur	e of Circulation		Average No. Copies Each Issue During Preceding 12 Months	No. Copies of Single Issue Published Nearest to Filling Dat	
a.	Total Numb	er a	f Copies (Net press run)		506	526	
		(1)	Mailed Outside-County Paid Subscriptions Stated on PS F distribution above nominal rate, advertiser's proof copies,		115	104	
b.	Paid Circulation (By Mail and	(2)	Mailed In-County Paid Subscriptions Stated on PS Form 3 tribution above nominal rate, advertiser's proof copies, and	0	0		
0	Outside the Mail)				90	87	
		(4)	Paid Distribution by Other Classes of Mail Through the U Class Mail <sup>(の)</sup>	ISPS (e.g., First-	0	0	
c.	Total Paid D	istrit	oution (Sum of 15b (1), (2), (3), and (4))	•	205	191	
NRDO	(By Mail	(1)	Free or Nominal Rate Outside-County Copies included o	n PS Form 3541	70	68	
		(2)	Free or Nominal Rate In-County Copies Included on PS	Form 3541	0	o	
and Outside the Mail) (3) Free or Nominal Rate Copi (e.g., First-Class Mail)			Free or Nominal Rate Copies Mailed at Other Classes T (e.g., First-Class Mail)	hrough the USPS	0	0	
_	(4) Free or Nominal Rate Distribution Outside the Mail (Carriers or other means)				37	37	
e.	Total Free	or	Nominal Rate Distribution (Sum of 15d (1), (2), (3) and (4))		107	105	
f.	Total Distribution (Sum of 15c and 15e)				312 296		
9.	. Copies not Distributed (See Instructions to Publishers #4 (page #3))				194	230	
h.	h. Total (Sum of 15f and g)				506	526	
1.	Percent Pa (15c divide		r 15f limes 100)	•	661	651	
	] Total circi	latic	on includes electronic copies. Report circulation on PS F	orm 3526-X worksheet.			

If the publication is a general publication, publication of this statement is required. Will be printed Publication not required.

in the issue of this publication. 18. Signature and Title of Editor, Publisher, Busipéss Manager, or Owner Eller fucabawa

Date 10/1/2013

Locally that all information furnished on this form is true and complete. Lunderstand that anyone who furnishes false or misleading information on this form or who omits material or information requested on the form may be subject to criminal sanctions (including fires and imprisonment) and/or civil sanctions (including fires and imprisonment).

PS Form 3526, August 2012 (Page 2 of 3)

\_

Amanda E. Guyer, Brenda Benson, Victoria R. Choate, Yair Bar-Haim, Koraly Perez-Edgar, Johanna M. Jarcho, Daniel S. Pine, Monique Ernst, Nathan A. Fox, and Eric E. Nelson	229	Lasting associations between early-childhood temperament and late-adolescent reward-circuitry response to peer feedback
Pierre C. M. Herpers, Floor E. Scheepers, Daniëlle M. A. Bons, Jan K. Buitelaar, and Nanda N. J. Rommelse	245	The cognitive and neural correlates of psychopathy and especially callous–unemotional traits in youths: A systematic review of the evidence
Martina Jovev, Sarah Whittle, Murat Yücel, Julian Guy Simmons, Nicholas B. Allen, and Andrew M. Chanen	275	The relationship between hippocampal asymmetry and temperament in adolescent borderline and antisocial personality pathology
		Corrigendum
Dianna Murray-Close, Betsy Hoza, Stephen P. Hinshaw, L. Eugene Arnold, James Swanson, Peter S. Jensen, Lily Hechtman,	287	Developmental processes in peer problems of children with attention-deficit/hyperactivity disorder in The Multimodal Treatment Study of Children With ADHD: Developmental cascades and vicious cycles—CORRIGENDUM

AND KAREN WELLS

Sanghag Kim, Grazyna Kochanska, Lea J. Boldt, Jamie Koenig Nordling, and Jessica J. O'Bleness	93	Developmental trajectory from early responses to transgressions to future antisocial behavior: Evidence for the role of the parent-child relationship from two longitudinal studies
Theodore Dix, and Ni Yan	111	Mothers' depressive symptoms and infant negative emotionality in the prediction of child adjustment at age 3: Testing the maternal reactivity and child vulnerability hypotheses
Stephanie L. Sitnick, Daniel S. Shaw, and Luke W. Hyde	125	Precursors of adolescent substance use from early childhood and early adolescence: Testing a developmental cascade model
Brian M. Hicks, William G. Iacono, and Matt McGue	141	Identifying childhood characteristics that underlie premorbid risk for substance use disorders: Socialization and boldness
Autumn Kujawa, Lea Dougherty, C. Emily Durbin, Rebecca Laptook, Dana Torpey, and Daniel N. Klein	159	Emotion recognition in preschool children: Associations with maternal depression and early parenting
Joseph P. Allen, Joanna Chango, David Szwedo, and Megan Schad	171	Long-term sequelae of subclinical depressive symptoms in early adolescence
Stefanie A. Nelemans, William W. Hale III, Susan J. T. Branje, Quinten A. W. Raaijmakers, Tom Frijns, Pol A. C. van Lier, and Wim H. J. Meeus	181	Heterogeneity in development of adolescent anxiety disorder symptoms in an 8-year longitudinal community study
Audrey Thurm, Stacy S. Manwaring, David A. Luckenbaugh, Catherine Lord, and Susan E. Swedo	203	Patterns of skill attainment and loss in young children with autism
Lorna Goddard, Barbara Dritschel, Sally Robinson, and Patricia Howlin	215	Development of autobiographical memory in children with autism spectrum disorders: Deficits, gains and predictors of performance

# DEVELOPMENT AND PSYCHOPATHOLOGY

# Volume 26

# February 2014

# Number 1

#### CONTENTS

1

#### Articles

BRUCE J. ELLIS AND MARCO DEL GIUDICE

Mark R. Dadds, Caroline Moul, Avril Cauchi, Carol Dobson-Stone, David J. Hawes, John Brennan, Ruth Urwin, and Richard E. Ebstein

MARK R. DADDS, CAROLINE MOUL, AVRIL CAUCHI, CAROL DOBSON-STONE, DAVID J. HAWES, JOHN BRENNAN, AND RICHARD E. EBSTEIN

MICHELLE BOSQUET ENLOW, BYRON EGELAND, ELIZABETH CARLSON, EMILY BLOOD, AND ROSALIND J. WRIGHT

MICHELLE A. JOSEPH, THOMAS G. O'CONNOR, JACQUELINE A. BRISKMAN, BARBARA MAUGHAN, AND STEPHEN SCOTT

> CHAD E. SHENK, FRANK W. PUTNAM, JOSEPH R. RAUSCH, JAMES L. PEUGH, AND JENNIE G. NOLL

regulating human development

Beyond allostatic load: Rethinking the role of stress in

21 Polymorphisms in the oxytocin receptor gene are associated with the development of psychopathy

- **33** Methylation of the oxytocin receptor gene and oxytocin blood levels in the development of psychopathy
- 41 Mother–infant attachment and the intergenerational transmission of posttraumatic stress disorder
- **67** The formation of secure new attachments by children who were maltreated: An observational study of adolescents in foster care
- **81** A longitudinal study of several potential mediators of the relationship between child maltreatment and posttraumatic stress disorder symptoms

Cambridge Journals Online For further information about this journal please go to the journal website at: journals.cambridge.org/dpp



(Contents continued on inside back cover)

