

## Instructions for Contributors

*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 × 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 POSTAL SERVICE® (All Periodicals Publications Except Requester Publications)**

**Statement of Ownership, Management, and Circulation**

1. Publication Title Development and Psychopathology	2. Publication Number 010-963	3. Filing Date 10/1/2015
4. Issue Frequency Feb, May, Aug, and Nov (2 part double)	5. Number of Issues Published Annually 5	6. Annual Subscription Price \$818.00
7. Complete Mailing Address of Known Office of Publication (Not printer) (Street, city, county, state, and ZIP+4®) Cambridge University Press 32 Avenue of the Americas, New York, NY 10013-2473		Contact Person Nina Iammatteo Telephone (include area code) 2123375004
8. Complete Mailing Address of Headquarters or General Business Office of Publisher (Not printer) 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 Avenue 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 Avenue of the Americas, New York, NY 10013-2473		
10. Owner (Do not leave blank. If the publication is owned by a corporation, give the name and address of the corporation immediately followed by the names and addresses of all stockholders owning or holding 1 percent or more of the total amount of stock. If not owned by a corporation, give the names and addresses of the individual owners. If owned by a partnership or other unincorporated firm, give its name and address as well as those of each individual owner. If the publication is published by a nonprofit organization, give its name and address.)		
Full Name Cambridge University Press	Complete Mailing Address Edinburgh Building Shaftesbury Road Cambridge CB2 2RU England	
11. Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages, or Other Securities. If none, check box <input checked="" type="checkbox"/> None		
Full Name	Complete Mailing Address	
12. Tax Status (For completion by nonprofit organizations authorized to mail at nonprofit rates) (Check one) <input type="checkbox"/> The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes: <input type="checkbox"/> Has Not Changed During Preceding 12 Months <input type="checkbox"/> Has Changed During Preceding 12 Months (Publisher must submit explanation of change with this statement)		

PS Form 3526, July 2014 (Page 1 of 4 (see instructions page 4)) PSN: 7530-01-000-9031 PRIVACY NOTICE: See our privacy policy on www.usps.com

13. Publication Title Development and Psychopathology	14. Issue Date for Circulation Data Below AUGUST 2015	
15. Extent and Nature of Circulation	Average No. Copies Each Issue During Preceding 12 Months	No. Copies of Single Issue Published Nearest to Filing Date
a. Total Number of Copies (Net press run)	376	327
b. Paid Circulation (By Mail and Outside the Mail)		
(1) Mailed Outside-County Paid Subscriptions Stated on PS Form 3541 (include paid distribution above nominal rate, advertiser's proof copies, and exchange copies)	145	145
(2) Mailed In-County Paid Subscriptions Stated on PS Form 3541 (include paid distribution above nominal rate, advertiser's proof copies, and exchange copies)	0	0
(3) Paid Distribution Outside the Mails Including Sales Through Dealers and Carriers, Street Vendors, Counter Sales, and Other Paid Distribution Outside USPS®	87	82
(4) Paid Distribution by Other Classes of Mail Through the USPS (e.g., First-Class Mail®)	0	0
c. Total Paid Distribution (Sum of 15b (1), (2), (3), and (4))	232	227
d. Free or Nominal Rate Distribution (By Mail and Outside the Mail)		
(1) Free or Nominal Rate Outside-County Copies Included on PS Form 3541	0	0
(2) Free or Nominal Rate In-County Copies Included on PS Form 3541	0	0
(3) Free or Nominal Rate Copies Mailed at Other Classes Through the USPS (e.g., First-Class Mail)	0	0
(4) Free or Nominal Rate Distribution Outside the Mail (Carriers or other means)	26	33
e. Total Free or Nominal Rate Distribution (Sum of 15d (1), (2), (3) and (4))	26	33
f. Total Distribution (Sum of 15c and 15e)	258	260
g. Copies not Distributed (See Instructions to Publishers #4 (page #3))	118	67
h. Total (Sum of 15f and g)	376	327
i. Percent Paid (15c divided by 15f times 100)	90%	87%

\* If you are claiming electronic copies, go to line 16 on page 3. If you are not claiming electronic copies, skip to line 17 on page 3.

**UNITED STATES POSTAL SERVICE® (All Periodicals Publications Except Requester Publications)**

**Statement of Ownership, Management, and Circulation**

16. Electronic Copy Circulation	Average No. Copies Each Issue During Preceding 12 Months	No. Copies of Single Issue Published Nearest to Filing Date
a. Paid Electronic Copies	0	0
b. Total Paid Print Copies (Line 15c) + Paid Electronic Copies (Line 16a)	232	227
c. Total Print Distribution (Line 15f) + Paid Electronic Copies (Line 16a)	258	260
d. Percent Paid (Both Print & Electronic Copies) (16b divided by 16c × 100)	90%	87%

I certify that 80% of all my distributed copies (electronic and print) are paid above a nominal price.

17. Publication of Statement of Ownership  
 If the publication is a general publication, publication of this statement is required. Will be printed in the November issue of this publication.  Publication not required.

18. Signature and Title of Editor, Publisher, Business Manager, or Owner  
  
 Date: 10/1/2015

I certify that all information furnished on this form is true and complete. I understand 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 fines and imprisonment) and/or civil sanctions (including civil penalties).

(Contents continued)

- STEPHANIE D. STEPP,  
LORI N. SCOTT,  
NEIL P. JONES,  
DIANA J. WHALEN,  
AND ALISON E. HIPWELL
- 213 Negative emotional reactivity as a marker of vulnerability in the development of borderline personality disorder symptoms
- RASHELLE J. MUSCI,  
KATHERINE E. MASYN,  
KELLY BENKE,  
BRION MAHER,  
GEORGE UHL, AND  
NICHOLAS S. IALONGO
- 225 The effects of the interplay of genetics and early environmental risk on the course of internalizing symptoms from late childhood through adolescence
- ANTONIOS I. CHRISTOU,  
SATOSHI ENDO,  
YVONNE WALLIS,  
HAYLEY BAIR,  
MAURICE P. ZEEGERS,  
AND JOSEPH P. MCCLEERY
- 239 Variation in serotonin transporter linked polymorphic region (*5-HTTLPR*) short/long genotype modulates resting frontal electroencephalography asymmetries in children
- ROBERT B. MCCALL,  
RIFKAT J. MUHAMEDRAHIMOV,  
CHRISTINA J. GROARK,  
OLEG I. PALMOV,  
NATALIA V. NIKIFOROVA,  
JENNIFER SALAWAY,  
AND MEGAN M. JULIAN
- 251 The development of postinstitutionalized versus parent-reared Russian children as a function of age at placement and family type
- CHARLIE RIOUX,  
NATALIE CASTELLANOS-RYAN,  
SOPHIE PARENT,  
FRANK VITARO,  
RICHARD E. TREMBLAY,  
AND JEAN R. SÉGUIN
- 265 Differential susceptibility to environmental influences: Interactions between child temperament and parenting in adolescent alcohol use
- COLIN L. SAUDER,  
CHRISTINA M. DERBIDGE,  
AND THEODORE P. BEAUCHAINE
- 277 Neural responses to monetary incentives among self-injuring adolescent girls
- W. ANDREW ROTHENBERG,  
ANDREA M. HUSSONG,  
AND LAURIE CHASSIN
- 293 Intergenerational continuity in high-conflict family environments

(Contents continued)

- LUCY RIGLIN,  
STEPHAN COLLISHAW,  
KATHERINE H. SHELTON,  
I. C. MCMANUS,  
TERRY NG-KNIGHT,  
RUTH SELLERS,  
AJAY K. THAPAR,  
NORAH FREDERICKSON,  
AND FRANCES RICE
- 97 Higher cognitive ability buffers stress-related depressive symptoms in adolescent girls
- LESLIE E. ROOS,  
PHILIP A. FISHER,  
DANIEL S. SHAW,  
HYOUN K. KIM,  
JENAE M. NEIDERHISER,  
DAVID REISS,  
MISAKE N. NATSUAKI,  
AND LESLIE D. LEVE
- 111 Inherited and environmental influences on a childhood co-occurring symptom phenotype: Evidence from an adoption study
- KATHERINE B. EHRLICH,  
GREGORY E. MILLER,  
NICOLAS ROHLEDER,  
AND EMMA K. ADAM
- 127 Trajectories of relationship stress and inflammatory processes in adolescence
- MARLEEN DE BOLLE,  
BARBARA DE CLERCQ,  
ELIEN DE CALUWÉ,  
AND LIZE VERBEKE
- 139 Exploring the complexity of the childhood trait–psychopathology association: Continuity, pathoplasty, and complication effects
- KRISTINE MARCEAU,  
VALERIE S. KNOPIK,  
JENAE M. NEIDERHISER,  
PAUL LICHTENSTEIN,  
ERICA L. SPOTTS,  
JODY M. GANIBAN,  
AND DAVID REISS
- 149 Adolescent age moderates genetic and environmental influences on parent–adolescent positivity and negativity: Implications for genotype–environment correlation
- BARBARA MENTING,  
POL A. C. VAN LIER,  
HANS M. KOOT,  
DUSTIN PARDINI,  
AND ROLF LOEBER
- 167 Cognitive impulsivity and the development of delinquency from late childhood to early adulthood: Moderating effects of parenting behavior and peer relationships
- KOSTAS A. FANTL,  
GEORGIA PANAYIOTOU,  
CHRYSOSTOMOS LAZAROU,  
RAPHAELIA MICHAEL, AND  
GIORGOS GEORGIU
- 185 The better of two evils? Evidence that children exhibiting continuous conduct problems high or low on callous–unemotional traits score on opposite directions on physiological and behavioral measures of fear
- YI LI,  
MICHAEL J. SULIK,  
NANCY EISENBERG,  
TRACY L. SPINRAD,  
KATHRYN LEMERY-CHALFANT,  
DARYN A. STOVER, AND  
BRIAN C. VERRELLI
- 199 Predicting childhood effortful control from interactions between early parenting quality and children’s dopamine transporter gene haplotypes

---

# DEVELOPMENT AND PSYCHOPATHOLOGY

---

Volume 28

February 2016

Number 1

## CONTENTS

### *Articles*

- MAYA D. GUENDELMAN,  
ELIZABETH B. OWENS,  
CHARDEE GALÁN,  
ARIANNA GARD,  
AND STEPHEN P. HINSHAW
- 1 Early-adult correlates of maltreatment in girls with attention-deficit/hyperactivity disorder: Increased risk for internalizing symptoms and suicidality
- ELISA M. TRUCCO,  
SANDRA VILLAFUERTE,  
MARY M. HEITZEG,  
MARGIT BURMEISTER,  
AND ROBERT A. ZUCKER
- 15 Susceptibility effects of GABA receptor subunit alpha-2 (*GABRA2*) variants and parental monitoring on externalizing behavior trajectories: Risk and protection conveyed by the minor allele
- CATHERINE TUVBLAD,  
PAN WANG,  
SERENA BEZDJIAN,  
ADRIAN RAINE, AND  
LAURA A. BAKER
- 27 Psychopathic personality development from ages 9 to 18: Genes and environment
- REBECCA L. BROCK AND  
GRAZYNA KOCHANSKA
- 45 Interparental conflict, children's security with parents, and long-term risk of internalizing problems: A longitudinal study from ages 2 to 10
- CECILIA MARTINEZ-TORTEYA,  
G. ANNE BOGAT,  
ALYTIA A. LEVENDOSKY,  
AND ALEXANDER VON EYE
- 55 The influence of prenatal intimate partner violence exposure on hypothalamic–pituitary–adrenal axis reactivity and childhood internalizing and externalizing symptoms
- CATHERINE L. KAY  
AND JONATHAN M. GREEN
- 73 Social cognitive deficits and biases in maltreated adolescents in UK out-of-home care: Relation to disinhibited attachment disorder and psychopathology
- TOM HOLLENSTEIN,  
NICHOLAS B. ALLEN,  
AND LISA SHEEBER
- 85 Affective patterns in triadic family interactions: Associations with adolescent depression

*(Contents continued on inside back cover)*

Cambridge Journals Online

For further information about this journal please  
go to the journal website at:

[journals.cambridge.org/dpp](http://journals.cambridge.org/dpp)

**CAMBRIDGE**  
UNIVERSITY PRESS