

## 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). New York: 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.

OUTSTANDING SCHOLARSHIP *from* CAMBRIDGE!

**Counseling People of African Ancestry**

ELIAS MPOFU  
\$95.00: Hb: 978-0-521-88722-9: 336 pp.

**The Origins of Health and Disease**

MICHAEL E. HYLAND  
\$99.00: Hb: 978-0-521-89539-2: 360 pp.  
\$40.00: Pb: 978-0-521-71970-4

**Fitting In, Standing Out  
Navigating the Social Challenges of High School to Get an Education**

ROBERT CROSNOE  
\$85.00: Hb: 978-1-107-00502-0: 280 pp.  
\$25.99: Pb: 978-0-521-18203-4

**The New Authority  
Family, School, and Community**

HAIM OMER  
*Translated by SHOSHANA LONDON SAPPIN and MICHAL HERBSMAN*  
\$90.00: Hb: 978-0-521-76137-6: 296 pp.  
\$29.99: Pb: 978-0-521-13776-8

**Rethinking School Bullying  
Towards an Integrated Model**

ROZ DIXON *and* PETER SMITH  
\$90.00: Hb: 978-0-521-88971-1: 238 pp.

**The Cambridge Companion to Piaget**

ULRICH MÜLLER,  
JEREMY I. M. CARPENDALE  
*and* LESLIE SMITH  
*Cambridge Companions to Philosophy*  
\$97.00: Hb: 978-0-521-89858-4: 440 pp.  
\$30.99: Pb: 978-0-521-72719-8

**The Cambridge Handbook of Creativity**

JAMES C. KAUFMAN  
*and* ROBERT J. STERNBERG  
*Cambridge Handbooks in Psychology*  
\$135.00: Hb: 978-0-521-51366-1: 508 pp.  
\$65.00: Pb: 978-0-521-73025-9

**Childhood Programs and Practices in the First Decade of Life  
A Human Capital Integration**

ARTHUR J. REYNOLDS,  
ARTHUR J. ROLNICK,  
MICHELLE M. ENGLUND  
*and* JUDY A. TEMPLE  
\$95.00: Hb: 978-0-521-19846-2: 542 pp.  
\$36.99: Pb: 978-0-521-13233-6

**Nature and Nurture in Early Child Development**

DANIEL P. KEATING  
\$90.00: Hb: 978-0-521-84040-8: 312 pp.

**Personal Epistemology in the Classroom  
Theory, Research, and Implications for Practice**

LISA D. BENDIXEN  
*and* FLORIAN C. FEUCHT  
\$130.00: Hb: 978-0-521-88355-9: 616 pp.

**Interpersonal Trust During Childhood and Adolescence**

KEN J. ROTENBERG  
\$99.00: Hb: 978-0-521-88799-1: 344 pp.

*Now in Paperback!*  
**Developmental Contexts in Middle Childhood  
Bridges to Adolescence and Adulthood**

ALETHA C. HUSTON  
*and* MARIKA N. RIPKE  
*Cambridge Studies in Social and Emotional Development*  
\$34.99: Pb: 978-0-521-17554-8: 478 pp.

**Understanding Well-Being in the Oldest Old**

LEONARD W. POON  
*and* JISKA COHEN-MANSFIELD  
\$95.00: Hb: 978-0-521-11391-5: 408 pp.  
\$35.99: Pb: 978-0-521-13200-8

**An Introduction to Gerontology**

IAN STUART-HAMILTON  
\$105.00: Hb: 978-0-521-51330-2: 448 pp.  
\$45.00: Pb: 978-0-521-73495-0

**Romantic Relationships in Emerging Adulthood**

FRANK D. FINCHAM *and* MING CUI  
*Advances in Personal Relationships*  
\$90.00: Hb: 978-0-521-19530-0: 352 pp.

**Children's Understanding of Death**

**From Biological to Religious Conceptions**  
VICTORIA TALWAR, PAUL HARRIS  
*and* MICHAEL SCHLEIFER  
\$90.00: Hb: 978-0-521-19459-4: 208 pp.

**Psychoanalysis in a New Light**

GUNNAR KARLSSON  
\$95.00: Hb: 978-0-521-19805-9: 232 pp.  
\$34.99: Pb: 978-0-521-12244-3

**Thinking the Unconscious  
Nineteenth-Century German Thought**

ANGUS NICHOLLS  
*and* MARTIN LIEBSCHER  
\$95.00: Hb: 978-0-521-89753-2: 344 pp.

**Beating Your Eating Disorder  
A Cognitive-Behavioral Self-Help Guide for Adult Sufferers and their Carers**

GLENN WALLER, VICTORIA MOUNTFORD,  
RACHEL LAWSON, EMMA GRAY,  
HELEN CORDERY  
*and* HENDRIK HINRICHSSEN  
\$22.00: Pb: 978-0-521-73904-7: 214 pp.

**A Mental Healthcare Model for Mass Trauma Survivors**

**Control-Focused Behavioral Treatment of Earthquake, War and Torture Trauma**  
METIN BASOGLU  
*and* EBRU SALCIOGLU  
\$105.00: Hb: 978-0-521-88000-8: 294 pp.

*Prices subject to change.*





CAMBRIDGE

OUTSTANDING NEW SCHOLARSHIP *in* DEVELOPMENT *and*  
PSYCHOPATHOLOGY *from* CAMBRIDGE UNIVERSITY PRESS

Disturbances of the Mind  
DOUWE DRAAISMA  
*Translated by*  
BARBARA FASTING  
\$25.99: HB: 978-0-521-50966-4: 366 pp.

Women and Family in  
Contemporary Japan  
SUSAN D. HOLLOWAY  
\$90.00: HB: 978-0-521-19227-9: 248 pp.  
\$28.99: PB: 978-0-521-18037-5

Human Development  
and Political Violence  
COLETTE DAIUTE  
\$90.00: HB: 978-0-521-76780-4: 310 pp.  
\$26.99: PB: 978-0-521-73438-7

Social Development as  
Preference Management  
How Infants, Children, and  
Parents Get What They Want  
from One Another  
RACHEL KARNIOL  
\$99.00: HB: 978-0-521-11950-4: 376 pp.  
\$39.99: PB: 978-0-521-13530-6

The Forgotten Kin  
Aunts and Uncles  
ROBERT M. MILARDO  
\$85.00: HB: 978-0-521-51676-1: 264 pp.

Formative Experiences  
The Interaction of  
Caregiving, Culture, and  
Developmental Psychobiology  
CAROL M. WORTHMAN,  
PAUL M. PLOTSKY,  
DANIEL S. SCHECHTER, *and*  
CONSTANCE A. CUMMINGS  
\$99.00: HB: 978-0-521-89503-3: 624 pp.

Memory in Mind and Culture  
PASCAL BOYER *and*  
JAMES V. WERTSCH  
\$95.00: HB: 978-0-521-76078-2: 332 pp.  
\$35.99: PB: 978-0-521-75892-5

Memory, War and Trauma  
NIGEL C. HUNT  
\$99.00: HB: 978-0-521-88784-7: 232 pp.  
\$34.99: PB: 978-0-521-71625-3

Making Minds and Madness  
From Hysteria to Depression  
MIKKEL BORCH-JACOBSEN  
\$108.00: HB: 978-0-521-88863-9: 276 pp.  
\$45.00: PB: 978-0-521-71688-8

Suicide  
Foucault, History and Truth  
IAN MARSH  
\$95.00: HB: 978-0-521-11254-3: 264 pp.  
\$34.99: PB: 978-0-521-13001-1

Transitions from  
School to Work  
Globalization,  
Individualization, and  
Patterns of Diversity  
INGRID SCHOON *and*  
RAINER K. SILBEREISEN  
The Jacobs Foundation Series  
on Adolescence  
\$95.00: HB: 978-0-521-49068-9: 408 pp.

The Cambridge  
Handbook of Literacy  
DAVID R. OLSON *and*  
NANCY TORRANCE  
Cambridge Handbooks in Psychology  
\$120.00: HB: 978-0-521-86220-2: 624 pp.  
\$50.00: PB: 978-0-521-68052-3

SECOND EDITION

A Handbook for  
the Study of  
Mental Health  
Social Contexts,  
Theories, and Systems  
TERESA L. SCHEID *and*  
TONY N. BROWN  
\$110.00: HB: 978-0-521-49194-5: 734 pp.  
\$44.99: PB: 978-0-521-72891-1

Prices are subject to change.



[www.cambridge.org/us/psychology](http://www.cambridge.org/us/psychology)



CAMBRIDGE  
UNIVERSITY PRESS

*(Contents continued)*

- AMARANTA D. DE HAAN,  
PETER PRINZIE, AND  
MAJA DEKOVIC
- 301 Change and reciprocity in adolescent aggressive and rule-breaking behaviors and parental support and dysfunctional discipline
- BRUCE J. ELLIS,  
GABRIEL L. SCHLOMER,  
ELIZABETH H. TILLEY,  
AND EMILY A. BUTLER
- 317 Impact of fathers on risky sexual behavior in daughters: A genetically and environmentally controlled sibling study
- Erratum*
- MONIQUE ROBINSON,  
EUGEN MATTES,  
WENDY H. ODDY,  
CRAIG E. PENNELL,  
ANKE VAN EEKELEN,  
NEIL J. MCLEAN,  
PETER JACOBY,  
JIANGHONG LI,  
NICHOLAS H. DE KLERK,  
STEPHEN R. ZUBRICK,  
FIONA J. STANLEY,  
AND JOHN P. NEWNHAM
- E1 Prenatal stress and risk of behavioral morbidity from age 2 to 14 years: The influence of the number, type, and timing of stressful life events—ERRATUM

(Contents continued)

- SHANNON T. LIPSCOMB,  
LESLIE D. LEVE,  
DANIEL S. SHAW,  
JENAE M. NEIDERHISER,  
LAURA V. SCARAMELLA,  
XIAOJIA GE,  
RAND D. CONGER,  
JOHN B. REID,  
AND DAVID REISS
- JAMIE VASKE,  
JAMIE NEWSOME,  
AND JOHN PAUL WRIGHT
- THEODORE DIX,  
LEAH N. MEUNIER,  
KATHRYN LUSK, AND  
MICHELLE M. PERFECT
- LISA M. SONTAG,  
LORAH D. DORN,  
ABBIGAIL TISSOT,  
ELIZABETH J. SUSMAN,  
SUE R. BEERS, AND  
SUSAN R. ROSE
- DAVID M. WILLIAMS,  
DERMOT M. BOWLER,  
AND CHRISTOPHER JARROLD
- KERI J. HEILMAN,  
SUCHETA D. CONNOLLY,  
WENDY O. PADILLA,  
MARIKA I. WRZOSEK,  
PATRICIA A. GRACZYK,  
AND STEPHEN W. PORGES
- DANIEL W. BELSKY,  
AVSHALOM CASPI,  
LOUISE ARSENEAULT,  
WIEBKE BLEIDORN,  
PETER FONAGY,  
MARIANNE GOODMAN,  
RENATE HOUTS, AND  
TERRIE E. MOFFITT
- DANIEL E. ADKINS,  
JONATHAN K. DAW,  
JOSEPH L. MCCLAY, AND  
EDWIN J. C. G. VAN DEN OORD
- SABINA LOW,  
JOANN WU SHORTT,  
AND JAMES SNYDER
- 167** Negative emotionality and externalizing problems in toddlerhood: Overreactive parenting as a moderator of genetic influences
- 181** Interaction of the serotonin transporter linked polymorphic region and childhood neglect on criminal behavior and substance use for males and females
- 195** Mothers' depressive symptoms and children's facial emotions: Examining the depression–inhibition hypothesis
- 211** Executive functioning, cortisol reactivity, and symptoms of psychopathology in girls with premature adrenarache
- 225** Inner speech is used to mediate short-term memory, but not planning, among intellectually high-functioning adults with autism spectrum disorder
- 241** Sluggish vagal brake reactivity to physical exercise challenge in children with selective mutism
- 251** Etiological features of borderline personality related characteristics in a birth cohort of 12-year-old children
- 267** The influence of five monoamine genes on trajectories of depressive symptoms across adolescence and young adulthood
- 287** Sibling influences on adolescent substance use: The role of modeling, collusion, and conflict

(Contents continued)

- M. ANN EASTERBROOKS,  
JEAN-FRANCOIS BUREAU,  
AND KARLEN LYONS-RUTH
- 65 Developmental correlates and predictors of emotional availability in mother–child interaction: A longitudinal study from infancy to middle childhood
- SUSAN G. TIMMER,  
DIANNE THOMPSON,  
MICHELE A. CULVER,  
ANTHONY J. URQUIZA,  
AND SHANNON ALTENHOFEN
- 79 Mothers' physical abusiveness in a context of violence: Effects on the mother–child relationship
- DALE M. STACK,  
LISA A. SERBIN,  
NADINE GIROUARD,  
LEAH N. ENNS,  
VIVIANNE M. N. BENTLEY,  
JANE E. LEDINGHAM,  
AND ALEX E. SCHWATZMAN
- 93 The quality of the mother–child relationship in high-risk dyads: Application of the Emotional Availability Scales in an intergenerational, longitudinal study
- Special Section Commentaries*
- MARJORIE BEEGHLY
- 107 A developmental psychopathology perspective on emotional availability research: Current trends and challenges
- MARC H. BORNSTEIN,  
JOAN T. D. SUWALSKY,  
AND DANA A. BREAKSTONE
- 113 Emotional relationships between mothers and infants: Knowns, unknowns, and unknown unknowns
- ROBERT N. EMDE
- 125 Emotional availability: Critical questions and research horizons
- DAVID OPPENHEIM
- 131 Emotional availability: Research advances and theoretical questions
- Special Section Response To Commentaries*
- ZEYNEP BIRINGEN AND  
M. ANN EASTERBROOKS
- 137 The integration of emotional availability into a developmental psychopathology framework: Reflections on the Special Section and future directions
- Regular Articles*
- OXSANA YU. NAUMOVA,  
MARIA LEE,  
ROMAN KOPOSOV,  
MOSHE SZYF,  
MARY DOZIER, AND  
ELENA L. GRIGORENKO
- 143 Differential patterns of whole-genome DNA methylation in institutionalized children and children raised by their biological parents
- SIMONA SPINELLI,  
MELANIE L. SCHWANDT,  
STEPHEN G. LINDELL,  
MARKUS HEILIG,  
STEPHEN J. SUOMI,  
J. DEE HIGLEY,  
DAVID GOLDMAN,  
AND CHRISTINA S. BARR
- 157 The serotonin transporter gene linked polymorphic region is associated with the behavioral response to repeated stress exposure in infant rhesus macaques

---

# DEVELOPMENT AND PSYCHOPATHOLOGY

---

Volume 24

February 2012

Number 1

## CONTENTS

### *Special Section*

#### *Special Section Editorial*

ZEYNEP BIRINGEN AND  
M. ANN EASTERBROOKS

- 1** Emotional availability: Concept, research, and window on developmental psychopathology

#### *Special Section Articles*

LAUREN A. KILLEEN  
AND DOUGLAS M. TETI

- 9** Mothers' frontal EEG asymmetry in response to infant emotion states and mother–infant emotional availability, emotional experience, and internalizing symptoms

ZEYNEP BIRINGEN,  
SHANNON ALTENHOFEN,  
JENNIFER ABERLE,  
MEGAN BAKER,  
AUBREY BROSAL,  
SERA BENNETT,  
ELLEN COKER,  
CARLY LEE,  
BEATRICE MEYER,  
ALBERTHA MOORLAG,  
AND RANDALL SWAIM

- 23** Emotional availability, attachment, and intervention in center-based child care for infants and toddlers

MELISSA C. GARVIN,  
AMANDA R. TARULLO,  
MARK VAN RYZIN, AND  
MEGAN R. GUNNAR

- 35** Postadoption parenting and socioemotional development in postinstitutionalized children

LINDA VAN DEN DRIES,  
FEMMIE JUFFER,  
MARINUS H. VAN IJZENDOORN,  
MARIAN J. BAKERMANS-KRANENBURG,  
AND LENNEKE R. A. ALINK

- 49** Infants' responsiveness, attachment, and indiscriminate friendliness after international adoption from institutions or foster care in China: Application of Emotional Availability Scales to adoptive families

*(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