# Development A N D PsychopathologY

Editor
DANTE CICCHETTI, PhD
Deputy Editor
BARRY NURCOMBE, MD

Cambridge University Press

### **Editor**

Dante Cicchetti, PhD Department of Psychology, University of Rochester Director, Mt. Hope Family Center

## **Associate Editors**

Donald J. Cohen, MD Yale University Child Study Center Norman Garmezy, PhD University of Minnesota David Magnusson, PhD University of Stockholm Marian Radke-Yarrow, PhD National Institute of Mental Health (USA)

**Editorial Board** Thomas Achenbach, PhD University of Vermont Thomas F. Anders, MD Bradley Hospital, Brown University Grazia Attili, PhD Istituto di Psicologia del CNR, Italy Simon Baron-Cohen, PhD Institute of Psychiatry, London Jules Bemporad, MD New York Hospital Cornell Medical Center Francine M. Benes, MD, PhD Harvard Medical School Susan B. Campbell, PhD University of Pittsburgh Dennis P. Cantwell, MD University of California, Los Angeles John Coie, PhD **Duke University** 

**Brown University** Richard Davidson, PhD University of Wisconsin, Madison

William Damon, PhD

Geraldine Dawson, PhD University of Washington

Kenneth A. Dodge, PhD Vanderbilt University

Judy Dunn, PhD

Pennsylvania State University Felton Earls, MD

Harvard Medical School Byron Egeland, PhD

University of Minnesota

Anette Engfer, PhD Staatsinstitut für Fruhpädagogik und Familienforschung, Germany

Tiffany Field, PhD University of Miami School of Medicine

Judy Garber, PhD Vanderbilt University

Mark Greenberg, PhD University of Washington

Robert Harmon, MD FAACP University of Colorado

Health Sciences Center

Paul Harris, PhD University of Oxford

Stuart T. Hauser, MD, PhD **Harvard Medical School** 

## **Deputy Editor**

Barry Nurcombe, MD, FRACP Vanderbilt University College of Medicine Director, Division of Child & Adolescent Psychiatry

Lee Robins, PhD Washington University, St. Louis Michael Rutter, MD Institute of Psychiatry, University of London, UK Rainer K. Silbereisen, PhD University of Giessen, Germany L. Alan Sroufe, PhD

Dale F. Hay, PhD Institute of Psychiatry, University of London, UK

University of Minnesota

Alan E. Kazdin, PhD Yale University

Marcel Kinsbourne, MD **Eunice Kennedy Shriver Center** 

Clarie B. Kopp, PhD University of California, Los Angeles

James F. Leckman, MD Yale University Child Study Center

Rolf Loeber, PhD University of Pittsburgh, Western Psychiatric Institute and Clinic

Ann Masten, PhD University of Minnesota

Klaus K. Minde, MD, FRCP McGill University

Peter Mundy, PhD University of Miami

Gordon Parker, MD University of New South Wales

Bruce Pennington, PhD University of Denver

Robert Plomin, PhD Pennsylvania State University

Fred Rogosch, PhD

Mt. Hope Family Center, Rochester Arnold Sameroff, PhD

University of Michigan Robert L. Selman, PhD

Judge Baker Children's Center. Harvard University

David Shaffer, MB, FRCP Columbia University

Daniel Stern, MD

Bradley Hospital, Brown University

Paula Tallal, PhD Rutgers University

Don Tucker, PhD University of Oregon

Brent Waters, MD University of New South Wales

Daniel Weinberger, MD **NIMH** 

William Yule, PhD Institute of Psychiatry, University of London, UK

## DEVELOPMENT AND Psychopatholog`

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:** 

Dante Cicchetti, PhD Department of Psychology Director, Mt. Hope Family Center University of Rochester 187 Edinburgh Street Rochester, NY 14608 telephone: (716) 275-2991

Publishing, Production, and Advertising Office: Cambridge University Press, 40 West 20th Street, New York, NY 10011.

Subscription Offices: (for U.S.A., Canada, and Mexico) Cambridge University Press, 40 West 20th Street, New York, NY 10011; (for U.K. and elsewhere) Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, England.

1993 Subscription Information:

Development and Psychopathology (ISSN 0954-5794) is published quarterly. Annual subscription rates: Institutional, US \$95 in U.S.A., Canada, and Mexico, UK £53 elsewhere; Individual, US \$44 in U.S.A., Canada, and Mexico, UK £23 elsewhere. Prices include postage and insurance. Air mail or registered mail is extra. Back volume prices are available upon request.

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

## Copyright © 1993 Cambridge University Press

All rights reserved. No part of this publication may be reproduced, in any form or by any means-electronic photocopying, or otherwise - without written permission from Cambridge University Press.

copying Information (for U.S.A. only): The Item-Fee Code for this publication (0954-5794/93 \$5.00 + .00) indicates that copying for internal or personal use beyond that permitted by Sec. 107 or 108 of the U.S. Copyright Law is authorized for users duly registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the appropriate remittance of \$5.00 per article is paid directly to: CCC, 27 Congress Street, Salem, MA 01970. 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.

Second class permit pending at New York, NY, and additional mailing offices.

Postmaster: Send address changes in the U.S.A. and Canada to: Development and Psychopathology, Cambridge University Press, 110 Midland Avenue, Port Chester, NY

Printed in the United States of America.