

Conceptualizing the Dynamics of Development in the 21st Century: Process, (Inter)Action, and Complexity

Editors

David C. Witherington, Albuquerque, NM

Jan Boom, Utrecht

3 figures and 1 table, 2020

S. Karger
Medical and Scientific Publishers
Basel · Freiburg · Hartford · Oxford ·
Bangkok · Dubai · Kuala Lumpur ·
Melbourne · Mexico City ·
Moscow · New Delhi · Paris ·
Shanghai · Tokyo

Disclaimer

The statements, opinions and data contained in this publication are solely those of the individual authors and contributors and not of the publisher and the editor(s). The appearance of advertisements in the journal is not a warranty, endorsement, or approval of the products or services advertised or of their effectiveness, quality or safety. The publisher and the editor(s) disclaim responsibility for any injury to persons or property resulting from any ideas, methods, instructions or products referred to in the content or advertisements.

All rights reserved.

No part of this publication may be translated into other languages, reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, microcopying, or by any information storage and retrieval system, without permission in writing from the publisher or, in the case of photocopying, direct payment of a specified fee to the Copyright Clearance Center (see "General Information").

© Copyright 2019/2020 by S. Karger AG,
P.O. Box, CH-4009 Basel (Switzerland)
Printed on acid-free and non-aging paper
(ISO 9706)
ISBN 978-3-318-06679-1
e-ISBN 978-3-318-06680-7

KARGER

E-Mail karger@karger.com
www.karger.com/hde

Contents

Introduction

- 147 Conceptualizing the Dynamics of Development in the 21st Century: Process, (Inter)Action, and Complexity**
Witherington, D.C. (Albuquerque, NM); Boom, J. (Utrecht)

Research Article

- 153 Dynamic Systems, Process and Development**
van Geert, P.L.C. (Groningen)

Review Article

- 180 An Ecological Approach to Learning in (Not and) Development**
Adolph, K.E. (New York, NY)

Research Articles

- 202 Process and Individuation: The Development of Sensorimotor Agency**
Di Paolo, E.A. (San Sebastian/Brighton)
- 227 Dynamics Is Not Enough: An Interactivist Perspective**
Bickhard, M.H. (Bethlehem, PA)

Commentaries

- 245 Distinguishing among Varied Kinds of Developmental Processes**
Raeff, C. (Indiana, PA)
- 255 Making Sense of Developmental Dynamics**
Spencer, J.P. (Norwich)

Epilogue

264 Developmental Dynamics: Past, Present, and Future

Witherington, D.C. (Albuquerque, NM); Boom, J. (Utrecht)

277 Author Index / Subject Index

278 Acknowledgment

after **278 Contents Vol. 63, 2019**