Studies in Second Language Acquisition

SPECIAL ISSUE

Cognitive Foundations of Second Language Acquisition

> Russell S. Tomlin Morton A. Gernsbacher GUEST EDITORS

> > CAMBRIDGE UNIVERSITY PRESS

STUDIES IN SECOND LANGUAGE ACQUISITION

Editor, Albert Valdman, Indiana University

Associate Editor, Susan Gass, Michigan State University

Assistant to the Editor, Shona Whyte, Indiana University

Editorial Board

Roger Andersen (UCLA), Andrew Cohen (University of Minnesota, Minneapolis), Rod Ellis (Temple University, Japan), Gabriele Kasper (University of Hawaii, Manoa), Michael Long (University of Hawaii, Manoa), Barry McLaughlin (University of California, Santa Cruz), Jürgen M. Meisel (University of Hamburg), Lydia White (McGill University)

Advisory Committee

Vivian Cook (University of Essex), Eric Kellerman (University of Nijmegen), Claire Kramsch (University of California, Berkeley), Stephen Krashen (USC), James P. Lantolf (Cornell University), Patsy Lightbown (Concordia University), Teresa Pica (University of Pennsylvania), John H. Schumann (UCLA), Peter Skehan (Polytechnic of West London), G. Richard Tucker (Carnegie Mellon, Pittsburgh), Bill VanPatten (University of Illinois, Urbana-Champaign), Daniel Véronique (University of Provence), Henning Wode (Christian-Albrechts University, Kiel)

EDITORIAL POLICY

Studies in Second Language Acquisition is devoted to problems and issues in second language acquisition and foreign language learning, defined broadly to include problems of language contact—interference, transfer, pidginization. While preference will be given to theoretically oriented papers and reports of empirical research, discussions of pedagogical issues will be considered if they refer to major theoretical issues in the field. Studies in Second Language Acquisition is a refereed publication. Submitted material undergoes blind evaluation by at least two readers selected from the members of the Editorial Board, Advisory Committee, and other experts in the field. The names of all readers consulted will be listed in the final issue of each volume.

PUBLISHING, PRODUCTION, AND ADVERTISING OFFICES

Cambridge University Press, 40 West 20th Street, New York, NY 10011, U.S.A.; or Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, England.

SUBSCRIPTION OFFICES

(For U.S.A. and Canada) Cambridge University Press, 110 Midland Avenue, Port Chester, NY 10573, U.S.A. (For U.K. and elsewhere) Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, England.

SUBSCRIPTION INFORMATION

Studies in Second Language Acquisition (ISSN 0272-2631) is published four times a year in March, June, September, and December by Cambridge University Press. Annual subscription rates for Volume 16 (1994): Institutions, US \$89.00 in the U.S.A. and Canada, UK £58.00 in the U.K. and elsewhere; Individuals, US \$45.00 in the U.S.A. and Canada, UK £28.00 in the U.K. and elsewhere. Prices include postage and insurance.

© 1994 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. *Photocopying information for users in the U.S.A.*: The Item-Fee Code for this publication (0272-2631/94 \$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) Transaction Reporting Service, provided that the appropriate remittance of \$5.00 per article is paid directly to: CCC, 222 Rosewood Drive, Danvers, MA 01923. Specific written permission must be obtained for all other copying. Contact the *ISI Tearsheet Service*, 3501 Market Street, Philadelphia, PA 19104, for single copies of separate articles.

Second-class postage paid at New York, NY, and additional mailing offices. Postmaster: Send address changes in the U.S.A., Canada, and Mexico to: *Studies in Second Language Acquisition*, Cambridge University Press, Journals Fulfillment Department, 110 Midland Avenue, Port Chester, NY 10573–4930.

Printed in the United States of America

TABLE OF CONTENTS

COGNITIVE FOUNDATIONS OF SECOND LANGUAGE ACQUISITION Edited by Russell S. Tomlin and Morton A. Gernsbacher

ARTICLES

Cognitive Foundations of Second Language Acquisition: Introduction Russell S. Tomlin and Morton A. Gernsbacher	129
Discourse Motivations for Some Cognitive Acquisition Principles Roger W. Andersen and Yasuhiro Shirai	133
Analysis and Control in the Development of Second Language Proficiency Ellen Bialystok	157
Decision Making in Second Language Acquisition David Birdsong	169
Attention in Cognitive Science and Second Language Acquisition Russell S. Tomlin and Victor Villa	183
Cognitive Factors in Learning about Structured Sequences: Applications to Syntax	
Thomas H. Carr and Tim Curran	205
Where is Cognition? Emotion and Cognition in Second Language Acquisition	
John H. Schumann	231
REVIEWS	
Duranti, A., & Goodwin, C. (Eds.). (1992). Rethinking context: Language as an interactive phenomenon (Claire Kramsch)	243
Reilly, R. G., & Sharkey, N. E. (Eds.). (1992). Connectionist approaches to natural language processing (Mary Jane Henning)	244
Nunan, D. (1992). Research methods in language learning (Margo Glew)	245
van Essen, A., & Burkart, E. I. (Eds.). (1992). Homage to W. R. Lee: Essays in English as a foreign or second language (Bob Vassen)	246
Klein, W., & Perdue, C. (Eds.). (1992). Utterance structure: Developing grammars again (Kathleen Bardovi-Harlig)	247
Wierzbicka, A. (1991). Cross-cultural pragmatics: The semantics of human interaction (Lana Rings)	248
BOOK NOTICES	
Crawford, J. (Ed.). (1992). Language loyalties: A source book on the official English controversy (Rashidah Jaami' Muhammad)	251
Coupland, N., Coupland, J., & Giles, H. (1991). Language, society, and the elderly: Discourse, identity, and ageing (Mary McGroarty)	251

Bovair, M., & Bovair, K. (1992). <i>Modern languages for all</i> (Virginia Samuda)	252
Baker, C. (1993). Foundations of bilingual education and bilingualism (Nancy H. Hornberger)	253
Nattinger, J. R., & DeCarrico, J. S. (1992). Lexical phrases and language teaching (Rodney Bransdorfer)	254
Dressler, W. U., Luschützky, H. C., Pfeiffer, O. E., & Rennison, J. R. (Eds.). (1992). Phonologica 1988: Proceedings of the 6th International Phonology Meeting (Brian Teaman)	254
Hoey, M. (1991). Patterns of lexis in text (Dudley W. Reynolds)	255
Campbell, C., & Kryszewska, H. (1992). Learner-based teaching (Cheryl Delk)	256
Dickins, P. R., Germaine, K. (1992). <i>Evaluation</i> (Sabine Helling)	256
Publications Received	259