

CONTENTS

PART ONE: DESIGNER-RESEARCHER COLLABORATION

HOW ARCHITECTS CAN READ COMPREHEND,
AND EVALUATE RESEARCH PAPERS,
page 3

Don Conway and Margaret R. Goglia

DESIGN AND RESEARCH TOMORROW: FOUR
WRITINGS ON THE WALL, page 19

John A. Knesl

COLLABORATION OF ARCHITECT AND
BEHAVIORAL SCIENTIST IN RESEARCH,
page 30

C. Burgess Ledbetter

✓ A REVIEW OF THE EDRA PROCEEDINGS:
WHERE HAVE WE BEEN? WHERE ARE WE
GOING, page 43

Rhonda P. Ross and David B.
Campbell

PART TWO: SPECIFIC ENVIRONMENTS OR GROUPS

CROSSWALK BEHAVIOR AND ATTITUDES,
page 59

Katherine C. Alexander and
Andrew Federbar
(Received a student paper award.)

ADVOCACY OF THE ENVIRONMENTAL NEEDS
OF CHILDREN: CAN IT BE DONE? page 68

Coryl LaRue Jones

A MULTIDIMENSIONAL PERSPECTIVE ON
PRIVACY PREFERENCES OF INSTITUTION-
ALIZED ELDERLY, page 79

H. Asuman Kiyals

PART THREE: THE URBAN ENVIRONMENT

INTERACTION TERRITORY IN PUBLIC
SPACES: STUDIES OF ACTIVE AND
PASSIVE DEFENSE, page 98

Ira J. Firestone and Irwin Altman

✓ COMPARING URBAN IMAGES: A MULTI-
VARIATE APPROACH, page 109
Christine L. Hansvick
(Received a student paper award.)

GIANNINI PLAZA AND TRANSAMERICA
REDWOOD PARK: EFFECTS OF THEIR
PHYSICAL ATTRIBUTES ON USERS' PER-
CEPTIONS AND EXPERIENCES, page 127
Laurie Berman Share

PART FOUR: HOUSING AND RESIDENTIAL ENVIRONMENTS

HIGH-RISE APARTMENT OR DETACHED
HOUSE: IMPLICATIONS FOR CHILDREN'S
BEHAVIOR, page 145

John E. Farley

WHY FAMILIES MOVE: A SOCIAL-
PSYCHOLOGICAL STUDY OF RESIDENTIAL
MOBILITY IN THE CITY OF BODØ,
NORTHERN NORWAY, page 162

Steinar Ilstad

CHANGING PERCEPTIONS OF SATISFAC-
TION IN RAPIDLY GROWING COMMUNITIES:
PROGRESS REPORT ON A PANEL CASE
STUDY, page 182

Patrick C. Jobes

THE SOCIAL PROFILE OF URBAN RESI-
DENTIAL AREAS, page 203

Hans-Joachim Klein

THE KRESGE COLLEGE RESIDENTIAL
ENVIRONMENT AND LIFE-STYLES
SURVEY, page 213

James F. Palmer

THE INFLUENCE OF RESIDENTIAL DOMAIN
SATISFACTIONS AND LIFE DOMAIN SATIS-
FACTIONS ON OVERALL SATISFACTION
WITH QUALITY OF LIFE, page 226

Larry K. Pruitt

THE MEANING OF THE ADOBE HOME,
page 239

Richard Sexton and Richard
Brittain

PART FIVE: EDUCATIONAL AND PLAY ENVIRONMENTS

EXCEPTIONAL EDUCATION AND THE PHYSICAL ENVIRONMENT: TOWARD BEHAVIORALLY-BASED DESIGN PRINCIPLES, page 259

Gary T. Moore and Uriel Cohen

MEANINGS AND MEASURES OF CHILDREN/ ENVIRONMENT QUALITY: SOME FINDINGS FROM WASHINGTON ENVIRONMENTAL YARD, page 287

Robin C. Moore

DESIGN IMPLICATIONS OF GRADE SCHOOL CHILDREN'S USE OF AND ATTITUDES ABOUT TWO PLAY AREAS IN CARLE PARK, URBANA, ILLINOIS, page 307

Michael R. Van Valkenburgh

(Received a student paper award.)

PART SIX: THEORY, METHODS AND TECHNIQUES

THE PRIMARY GENERATOR AND THE DESIGN PROCESS, page 325

Jane Darke

METHODS OF DOCUMENTING THE INDIVIDUALS VALUE-RELEVANT RELATION TO HIS LIVING ENVIRONMENT, page 338

Ake Daun

PROXEMICS AND CONTEXT: AN EMPIRICAL ANALYSIS, page 348

Alton J. DeLong

MULTIVARIATE STATISTICAL TECHNIQUES: PROBLEM-SOLVING TOOLS FOR ARCHITECTS AND DESIGNERS, page 365

Richard M. Fenker

FURTHER TESTS ON THE VALIDITY OF THE MODEL ROOM SIMULATOR ON CROWDING THRESHOLD JUDGEMENTS, page 380

Carl I. Greenberg and Daniel Chambers

PERSONAL CONSTRUCT METHODS AND INCREMENTAL IMPROVEMENTS IN DESIGN, page 390

Duncan Phillip

PRIME TIME FOR PARADIGM, page 401

J. Douglas Porteus

A METHODOLOGY FOR ASSESSING THE EFFECTIVENESS OF PROPOSED SIGN REGULATIONS, page 413

Bill Sims, Romin Koebel, Marcia Cohen and Terry Siegall

THE INVALIDITY OF SUBJECTIVE RATINGS OF THE PHYSICAL ENVIRONMENT, page 428

Norman Starr

ENVIRONMENTAL COGNITION AND THE ARCHITECTURE OF HUMAN SETTLEMENT: AN INTERDISCIPLINARY AND CROSS-CULTURAL APPROACH, page 444

David Stea

PART SEVEN: GENERAL ENVIRONMENTAL DESIGN RESEARCH

INFORMATION IN FORM: A STUDY OF HOW VALUES ARE MANIFESTED IN THE BUILT ENVIRONMENT, page 458

Thomas R. Levering

ENVIRONMENTAL DISPOSITIONS AND THE EDUCATION OF ENVIRONMENTAL SPECIALISTS: A UNIVERSITY CASE STUDY, page 480

S. D. Phillips and T. McL. Sample

PROGRAMMING ENVIRONMENTS FOR HUMAN USE: A LOOK AT SOME EMERGING APPROACHES TO GENERATING USER ORIENTED DESIGN REQUIREMENTS, page 489

Bill Sims

WHO DESIGNS THE BUILT ENVIRONMENT? A MODEL FOR PUBLIC AWARENESS IN ENVIRONMENTAL DESIGN, page 499

Michael Sweeney

Mark Francis, 453, 515
Joyce Gross Freiwald, 56
J. D. Fridgen, 141
Stephen Friedman, 454
B. Forster, 514
Dietrich Garbrecht, 511
Jay G. Garrott, 454
Gerry Gast, 454
Diane Georgopoulos, 55
Joseph Germaine, 321
Maria G. Giesey, 454, 515
Warren Gill, 56
Barry Gold, 512
Charlan Graff, 511
Nancye Green, 515
James B. Griffin, 454
Mary Griffin, 56
Mehmet Gurkaynak, 518
J. Eugene Haas, 518
Gary Hack, 454
Shani Beth-Halachmy, 321
D. Hanson, 253
Hans Joachim Harloff, 511
H. Craig Harmon, 322
K. Harms, 321
Chris Harper, 512, 517
Volker Hartkopf, 517
Sami Hassid, 517
Philmore J. Hart, 454
Roger Hart, 515
Michael Hay, 517
Geoffry Hayward, 515
P. Geoffry Hayward, 94
Paul Heath, 95
Robert G. Hershberger, 56
Wolf H. Hilbertz, 94, 516
M. Hill, 511
William Hilton, Jr., 142
Rosaria Flores Hodgdon, 512
Christine Hoffman, 515
Stephanie Hoffman, 93
R. Hordhaus, 253
Liisa Horelli, 253
Jaime Horowitz, 515
Kaj Hoschis, 514
Sandra Howell, 55, 94, 95
Jan Hovden, 253
Thomas Hubka, 515
Laura Hudson, 518
William Ittelson, 518
Theodore W. Jackovics, 142
Ellen Jacobs, 321
T. H. Jenkins, 140
Ian P. Jerome, 95

Coryl LaRue Jones, 454
Jerry D. Jones, 452
Richard Jordon, 455
Bob Joyner, 92
Joseph B. Juhasz, 454
Vinay Kanetkor, 56
Min Kanttowitz, 253, 256
Jane Kaplan, 518
Rachel Kaplan, 454, 455
Stephen Kaplan, 454, 455
Stephen Kellert, 517
Earl Kenneth, 512, 517
Perla Kerosec-Serpaty, 256
Tom Kerwin, 455
Walter Kleeman, 454, 515
Randy Klock, 254
Roman Koebel, 140
Vive F. Koehler, 517
Edward Koff, 94
Joseph A. Koncelik, 95
R. Christopher Knight, 454
Irene Kysyk, 455
Florence Ladd, 94
Randolph Langenbach, 515
Marjorie Woods Lavin, 451
Howard Ray Lawrence, 515, 516
M. Powell Lawton, 95
B. Ledbetter, 56
D. W. Leger, 141
Lauren Leveton, 453
Dan Levi, 517
Ray Lifchez, 454
Darwin E. Linder, 517
Lynn G. Llewellyn, 517
John Lobell, 512
Anatole Longinow, 517
Kathleen Love, 142
Barbara Lovell, 321
Louis K. Lowenstein, 55
Charles C. Lozar, 56, 452
Wulf-Rudiger Lutz, 452
Glen Z. McBride, 141, 322
Sister Teresa Marie McIntier, 94
Herbert McLaughlin, 95
B. McClelland, 511
John M. McRae, 95
Kenneth McReynolds, 95
Mark Mabey, 322
Elizabeth MacKintosh, 254
Jack Mahan, 55
Jerry Maltz, 515
Robert Marans, 517
Clare Cooper Marcus, 454
Julius Marek, 253

PAPER NOT AVAILABLE AT THE TIME OF PUBLICATION

ARCHITECTURAL EDUCATION AND THE PRACTICE OF ARCHITECTURE

Alan Balfour

DESIGN FOR THE DISABLED: ENHANCING INDEPENDENCE THROUGH DESIGN OF SPECIAL DEVICES

Ronald Levy

AUTHORS OF UNPUBLISHED PAPERS AND WORKSHOP CHAIRPERSONS AND PARTICIPANTS

Other principle contributors to the EDRA 9 conference are listed below in alphabetical order. Page numbers follow each name.

John R. Aiello, 92
Arnold R. Alanen, 92
Richard S. Alden, 140, 515
David J. Allor, 140, 451
Kathryn Allot, 515
Irwin Altman, 94, 454
James R. Anderson, 255
Dennis Andrews, 455
John Archea, 55, 515, 517
Louise Arthur, 517
Randy Atlas, 513
B. Atwood, 141
Gilles Barbay, 256
Eugene Bazan, 453
Robert Bechtel, 55, 454
Larry Bell, 513
Michael L. Benadikt, 451
Jose Bernardo, 92
Anders Biel, 455
Roland M. Binker, 55
Phyllis Birkby, 95
Brent Birtcher, 256
Walter Bogan, 515
Vincent Bogart, 515
Carter Brandon, 92
Charles H. Brower, 517
Michael Brill, 55, 94, 517
D. S. Brookshire, 455
Don R. Brown, 518
Gordon Brown, 518
Dale Bryant, 455

Richard Burdine, 453
David Burke, 455
Thomas O. Byerts, 95
David E. Campbell, 92
David Canter, 517
F. Duncan Case, 451
Lisa Cashdan, 453, 515
Ricardo L. Castro, 515
David Chapin, 454, 515
Richard Chenowith, 255, 454
Uriel Cohen, 55, 517
John B. Collins, 56
Marilyn Colombo, 518
Kenneth Craik, 518
Galen Cranz, 95, 511
T. D. Crocker, 455
Jack Croxton, 513
Joseph Crystal, 256
Marian Dabrowski, 95
M. Dainoff, 511
Scott Danford, 95
Terry C. Daniel, 455
Thomas G. Davis, 322
Deborah Deemer, 453
Roberta Degmore, 142
Alton J. DeLong, 453, 454, 515, 517
S. Dennis, 321
Donna Thompson DeRise, 92
Dennis J. Dingemans, 253
Thomas Douglas, 93, 453
Dennis Doxtater, 93
Bob Dragicevic, 455
Rebecca Dreis, 94
Francis Duffy, 515
Yurdanur Fazilet Dulgeroglus, 451
Jerome Durlak, 253, 455
Michael R. Edelstein, 517
Julian J. Edney, 517
R. C. Ellerbusch, 140
Gayle Epp, 55
David Erickson, 517
Aristide Esser, 517
Gary W. Evans, 321
Bernd Fahle, 453, 515
Patrick Fallon, 518
Jay Farbstein, 56, 95, 454
Toni Farrenkopf, 93
Michael Feerer, 56
Margy Felcher, 140
Roberta Feldman, 142
Sandra Feldman, 56
William A. Felter, 455
Kurt Finsterbusch, 518
Guido Francescato, 255

Rochelle Martin, 321
 Magoroh Maruyama, 512
 Stephen Margulis, 513, 517
 Robert Melnick, 515
 John Merrill, 513
 Robert Mesmer, 95
 W. R. Meyers, 140
 Ewing Miller, 55
 Peter Miller, 518
 Barbara B. Minckley, 94
 Wilton F. Minckley, 94
 Joseph Minor, 517
 David Morely, 94
 Gary Moore, 55, 454, 455, 517
 Robin Moore, 454
 James P. Morgenstern, 253, 455
 Bonnie Maas Morrison, 517
 Wendy Mesnikoff, 515
 Joseph (Thornberg) Muntanola, 452
 R. K. Murphy, Jr., 140
 D. Michael Murtha, 517
 Doreen Nelson, 515
 Harold Nelson, 517
 T. Nieman, 455
 Fiona O'Neill, 254
 Mary Jo Orzech, 453
 R. Oskamp, 511
 Harry van Oudenallen, 455
 Martie A. Oury, 454
 Suha Ozkan, 518
 Richard A. Page, 514, 518
 J. Palmer, 455
 Leon A. Pastalan, 95
 Jake Pauls, 517
 Sue D. Pendell, 56
 Cecilia Perez, 515
 Rebecca Peterson, 94
 Stephen Plewe, 322
 Steve Polson, 95
 James Porter, 517
 J. Powell, 141
 Wolfgang F. E. Preiser, 517
 Elizabeth Prescott, 322
 George Rand, 95
 Amos Rapoport, 514, 517
 Jan Reiner, 255
 Janet Reizenstein, 256
 R. Riley, 511
 Leanne Rivlin, 142, 322, 454
 H. A. Roberts, 514
 Claude L. Robbins, 514
 Mark Robin, 454
 Julia Robinson, 517
 Harry E. Rodman, 516
 Kevin P. Rohane, 93
 Marilyn Rothenberg, 322
 Anna Rubbo, 255
 Richard R. Ruopp, 322
 Lani Van Ryzin, 455
 Thomas F. Saarinen, 142
 Christos A. A. Saccopoulos, 93, 516
 Susan Saegert, 454
 Henry Sanoff, 454, 515
 Mary Schearer, 142
 Theodore M. Schlechter, 322
 Richard Scherr, 516
 J. Alexander Schmidt, 254
 Lynda Schneckloth, 454, 517
 Janet Schnorr, 95
 J. H. Schomaker, 455
 Steven Schwartz, 453
 R. W. Seaton, 141
 Richard Seaton, 56
 J. Edward Seiber, 454
 James L. Sell, 254
 Thad Shaffer, 254
 Leland G. Shaw, 452, 454
 William Shaw, 517
 Richard C. Sherman, 513
 Drury R. Sherrod, 452
 Robert Shibley, 455, 515
 Glenn Shippee, 513
 H. C. Sievering, 514
 Lynda Simmons, 142
 Meredith Smith, 513
 Shelby J. Smith, 56
 Tetsuo Seguchi, 513
 Mary Sorenson, 455
 Nete Sozen, 517
 Rajendra Kumar Srivastava, 95
 Fred Stahl, 517
 S. Stanford, 253
 David Stea, 95
 Charles W. Steger, 513
 Jerry Stein, 518
 Peter Stein, 453
 Richard G. Stein, 518
 R. Streil, 253
 Robert C. Stuart, 513
 Raymond G. Studer, 322
 Luis H. Summers, 93, 453
 Anne Taylor, 515
 Calvin W. Taylor, 94, 141, 322
 Paul S. Taylor, 95
 Karl Teeple, 141
 John Templar, 517
 R. L. Thayer, 141
 Richard Titus, 511, 513

Jerome Tognoli, 94
Gunilla Torell, 455
George Turner, 517
Nete Turan, 518
Roger S. Ulrich, 141
Charles Unseld, 518
Okan UstUnkdk, 518
Allan Wallis, 454
Abraham Wandersman, 453
Seymor Wapner, 518
Barry Watson, 453
Margaret Weber, 322
Sue Weidemann, 255, 454
Jerry Weisman, 517
Gerald Weisman, 455
William Weitzer, 454, 515
Gerda Wekerle, 94, 455
Richard E. Wener, 95
Lawrence Wheeler, 55
Carol Whiting, 322, 515
F. Whitman, 56
Caroline Wienke, 56
Paul F. Wilkinson, 141
Michael Wilde, 95
M. Wilent, 321
Paul G. Windley, 95, 455
Jean D. Wineman, 255
Gary Winkel, 142, 454, 455
James Wise, 140, 517
J. F. Wohlwill, 455, 518
R. Wold, 321
C. P. Wolf, 518
Maxine Wolfe, 454
William Wood, 56, 453
Daniel Woodfin, 517
Robert Wrenn, 94
Robert J. Young, 255
Ervin H. Zube, 454, 455, 518
Craig Zimring, 256, 454