

CLAIRE GOLOMB
Professor of Psychology
University of Massachusetts/Boston

EDUCATION:

B.A., Psychology, The Hebrew University, Jerusalem, 1954
M.A., Psychology, The New School of Social Research, 1959
Ph.D., Psychology, Brandeis University, 1969

TEACHING AND OTHER PROFESSIONAL EXPERIENCE:

2002 - present Professor Emerita, University of Massachusetts at
Boston
1982 - 2002 Professor of Psychology, University of
Present: Massachusetts/Boston.
1974-1982: Associate Professor of Psychology, University of
Massachusetts, Boston.
1971-1974: Assistant Professor of Psychology, Brandeis
University.
1969-1970: Instructor in Psychology, Wellesley College.
1955-1958: Clinical Psychologist, Government Mental Health
Clinic, Tel Aviv, Israel.
1954-1955: Clinical Psychologist, Government Mental Hospital,

MAJOR RESEARCH INTERESTS:

Symbol Formation in Child Art and Play; Child Aesthetics. My research has focuses on (a) the relationship between cognition and the arts, (b) the development of artistic and pretense play activities in normal and developmentally atypical populations.

PROFESSIONAL ASSOCIATIONS

American Psychological Association, Fellow, Divisions 7, 10
Jean Piaget Society, member
APA, Council of Representatives, member 1998-2001

EDITORIAL RESPONSIBILITIES

Ad hoc reviewer:

Child Development, Developmental Psychology, Visual Arts Research,
Creativity Research Journal, British Journal of Developmental
Psychology, Human Development, Early Childhood Quarterly Research,
Journal of Experimental Child Psychology, Perceptual and Motor
Skills.

PUBLICATIONS:

Golomb, C. (1969). Children's representation of the human figure:
Syncretism or invention? Proceedings, APA, 1, 479-480.

Golomb, C. (1972). Evolution of the human figure in a Three-
dimensional medium, Developmental Psychology, 6, (3)t 385-
391.

Golomb, C. (1973). Children's representation of the human
figure: The effects of models, media, and instructions.
Genetic Psychology Monographs, 87, 197-251.

Golomb, C. (1974). Young children's sculpture and drawing: A
study in representational development, Cambridge, Mass.:
Harvard University Press.

Golomb, C., & Barr-Grossman, T. (1977). Representational
development of the human figure in the familial retardate.
Genetic Psychology Monographs, 95, 247-266.

Golomb, C. (1977). Representational development of the human
figure: A look at the neglected variables of SES, IQ, sex
and verbalization. Journal of Genetic Psychology,
131, 297-222.

Golomb, C. (1977). The child as image-maker: The invention of
representational models and the effects of the medium.

- Studies in Art Education, 17, (2), 19-27.
- Golomb, C. & Cornelius, C.B. (1977). Symbolic play and its cognitive significance. Developmental Psychology, 13, 246-252.
- Golomb, C. (1977). Symbolic play: The role of substitutions in pretense and puzzle games. The British Journal of Educational Psychology, 47, 175-186.
- Golomb, C. (1979). Pretense play; A cognitive perspective. In N.R. Smith & M.B. Franklin (Eds.) Symbolic functioning in childhood. Hillsdale, N.J.: Lawrence Erlbaum.
- Golomb, C. (1979). Why children draw the way they do. Book review of J. Goodnow's book "Children drawing". Research in Visual Art and Education, 10, 41-44.
- Golomb, C. & Friedman, L. (1980). Play and cognition: A study of pretense play and conservation of quantity. ERIC Reproduction Service, ED 190-239.
- Golomb, C. (1980). Developmental studies of pretend play. ERIC Reproduction Service, ED 1987, 454.
- Golomb, C. & Bonen, S. (1981). Playing games of make-believe: The effectiveness of symbolic play training with children who failed to benefit from early conservation training. Genetic Psychology Monographs, 104, 137-159.
- Golomb, C. (1981). Making believe: The value of symbolic play for children who have not benefitted from practice in conservation. Hed Hagan, Israel: Journal for Early Childhood Education, 1-2, 33-44.
- Golomb, C. (1981). Representation and reality: The origins and determinants of young children's drawings. Review of Research in Visual Art Education, 14, 36-48.
- Golomb, C. (1982). Studies in pretense play and the conservation of quantity. In Nir Janiv, B. Spodek & D. Steg (Eds.) Early childhood education: International perspectives, Plenum Press.

- Golomb, C., Goranson Gowing, E. & Friedman, L. (1982). Play and cognition: Studies in pretense play and conservation of quantity. Journal of Experimental Child Psychology, 33, 257-279.
- Golomb, C. (1983). Young children's planning strategies and early principles of spatial organization in drawing. In J. Sloboda & D. Rogers (Eds.) Acquisition of symbolic skills, Plenum Press.
- Golomb, C. (1983). From forms to composition: The child's exploration, discovery and invention of a pictorial world. In M. Engel (Ed.) "Arts and the Mind", special issue, Art Education, (2), 58-60.
- Golomb, C. & Farmer, D. (1983). Children's graphic planning strategies and early principles of spatial organization in drawing. Studies in Art Education, 24, (2) 87-100.
- Golomb, C. (1983). On imaginary or real décalage in children's representations: Compositional trends in drawing, completion and selection tasks, Visual Arts Research, 9 (2) 71-81.
- Golomb, C. and McLean, L. (1984). Accessing cognitive skills in preschool children of middle and low income families. Perceptual and Motor Skill, 58, 119-125.
- Golomb, C. and Vogel, D. (1984). The role of cognitive operations in the development of gender constancy. ERIC Document Reproduction Service, Ed 233-823.
- Golomb, C., McLean, L. (1984). Assessing concrete operational reasoning strategies in preoperational children. Genetic Psychology, 145, 195-208.
- Golomb, C. (1984). The hazard of Abundance. Book reviews of R.E. Schell and E. Hall, "Developmental Psychology Today," and S.R. Yussen and J.W. Santrock, "Child Development: An Introduction." Contemporary Psychology, 29 (7), 563-564.
- Golomb, C & Dunnington, G. (1985). Compositional development in children's drawings. ERIC Document Reproduction Service, ED 260-795.
- Golomb, C. (1987). Inventions and transformations in child art.

In D. Nadaner & K. Egan (Eds.) Imagination and education.
New York: Teachers College Press.

Golomb, C. (1987). The development of compositional strategies in drawing. Visual Arts Research, Fall, 13, (2), 42-52.

Golomb, C. (1987). The graphic development of two artistically gifted children: The drawings of Nadia and Eytan. ERIC Document Reproduction Service, ED 281, 622.

Golomb, C. & Helmund, J. (1987). A study of young children's sensitivity to drawing and painting. ERIC Document Reproduction Service, ED 281, 623.

Golomb, C. (1987). Reflections on cultural variables and universals in young children's drawings. ERIC Document Reproduction Service, ED 281, 624.

Golomb, C. (1988). Early representational concepts of the human figure in a three-dimensional medium. The Studio Potter, 16, (2), 35-38.

Golomb, C. (1989). Sculpture: The development of representational concepts in a three-dimensional medium. In D. Hargreaves (Ed.), Children and the arts. London: Open Press University.

Golomb, C. (1991). Creativity revisited. Book review of S. Sarason's "The challenge of art to psychology", Contemporary Psychology, 36, (12), 1083-1084.

Golomb, C. (1992). The Child's Creation of a Pictorial World, Berkeley and Los Angeles: University of California Press.

Golomb, C. (1992). Eytan: The early development of a precociously gifted child artist, Creativity Research Journal, 5, (3), 265-279.

Golomb, C. (1993). Piaget's theory of drawing development revisited. Book review of M. Krampen's "Children's drawings. Iconic coding of the environment," Semiotica, 94-1/2, 123-128.

Golomb, C. (1993). Art and the young child: Another look at the developmental question. Visual Arts Research, 19 (1), 1-15.

- Golomb, C. (1993). Child art and the development of gifted children. In G. Clark & E. Zimmerman (Eds.) A community of teachers: Art curriculum units by teachers in the 1992 artist talented program. Bloomington, IN: Indiana University School of Education, pp. xi-xvi.
- Golomb, C. (1993). Rudolf Arnheim and the psychology of child art. Journal of Aesthetic Education, 27 (4), 11-29.
- Golomb, C. (1994). Artistic ability: The development of children's drawings. In R.J. Sternberg (Ed.) Encyclopedia of Intelligence, New York: Macmillan.
- Golomb, C. (1994). A Commentary on Liben's, Pariser's, and Willats' review of "The Child's Creation of a Pictorial World," Journal of Aesthetic Education.
- Golomb, C. (1994). Drawing as representation: The child's acquisition of a meaningful graphic language. Visual Arts Research, 20 (2), 14-28.
- Golomb, C. (Ed.) (1995). The Development of Artistically Gifted Children: Selected Case Studies. Hillsdale, NJ: Lawrence Erlbaum.
- Golomb, C. (1995). Eitan: The artistic development of a child prodigy. In The Development of Artistically Gifted Children.
- Golomb, C. and Haas, M. (1995). Varda: The development of a young artist. In The Development of Artistically Gifted Children.
- Golomb, C. (1995). Make-believe: A celebration of the imaginary realm. Bookreview of D.G. Singer and J. L. Singer "The house of make-believe." Contemporary Psychology, 40 (5), 449-450.
- Golomb, C. (1995). Deconstructing and reconstructing the puzzle of pretense play. Book review of P. L. Harris and R. D. Kavanaugh "Young children's understanding of pretense." Contemporary Psychology, 40 (7), 667.
- Golomb, C. & Galasso, L. (1995). Make-believe and reality: Explorations of the Imaginary realm. Developmental Psychology, 31, (5), 800-810.
- Golomb, C. & McCormick, M. (1995). Sculpture: The development of

- three-dimensional representation in clay. Visual Arts Research, 21 (1), 35-50.
- Golomb, C. & Kuersten, R. (1996). On the transition from pretense play to reality: What are the rules of the game? British Journal of Developmental Psychology, 14, 203-217.
- Golomb, C. (1996) (Guest Editor). Drawing development and artistry in mentally handicapped persons. Special issue, Visual Arts Research, 22, (2), 1-4.
- Golomb, C. & Schmeling, J. (1996). Drawing development in autistic and mentally retarded children. Special issue, Visual Arts Research, 22 (2), 5-18.
- Golomb, C. (1997). Representational concepts in clay: The development of sculpture. In A. M. Kindler (Ed.) Child development in art, ch. 9, 131-141. Reston, VA: NAEA Monograph Series.
- Golomb, C. (1998) (Ed.) The pavilion of painting. Haifa: Ach Publishing House.
- Golomb, C. (1998). Artistic development in childhood: Children inventing art. In C. Golomb (Ed.) The pavilion of painting. Haifa: Ach Publishing House.
- Golomb, C. (1998). Interview with Malka Haas. In C. Golomb (Ed.) The pavilion of painting.
- Golomb, C. (1999). Art of the young: The many faces of representation. Visual Arts Research, 25 (1), 26-49.
- Golomb, C. (1999). Bookreview of C. Milbrath Patterns of artistic development in children, Psychology and the Arts, Div. 10, Newsletter, p. 12.
- Aronson, J. & Golomb, C. (1999). Preschoolers' understanding of pretense and presumption of congruence between action and representation. Developmental Psychology, 35 (6), 1414-1425.
- Golomb, C. (2000). Book review of Patterns of artistic development in children by Constance Milbrath. American Journal of Art Therapy, 39 (2), pp. 67-69.

- Golomb, C. (2002). Child art in context: A cultural and comparative perspective. Washington, DC: APA Books.
- Golomb, C. (2002). The paradox of style in children's drawings. Review in Contemporary Psychology of Symbolic and social constraints on the development of children's artistic style. by C. J. Boyatzis & M. W. Watson (Eds.), published in New Directions for Child and Adolescent Development.
- Gallo, F., Golomb, C. & Barroso, A. (2003). Compositional strategies in drawing: The effects of two- and three-dimensional media. Visual Arts Research, 28 (1), 2-23.
- Golomb, C. (2004), 2nd and expanded edition of The child's creation of a pictorial world. Mahwah, NJ: Lawrence Erlbaum.
- Golomb, C. (2004). Individual differences and cultural diversity in the art form of children talented in the visual arts. In D. Boothe & J. Stanley (Eds.) In the eye of the beholder: Critical Issues for diversity in gifted education, ch. 3, pp.33-48. Prufrock Press.
- Golomb, C. (2004). Sculpture: Representational development in a three-dimensional medium. In E. Eisner & M. Day (Eds.) Handbook of Research and Policy in Art Education, ch. 5, pp. 329-358. Mahwah, NJ: Laurence Erlbaum.
- Golomb, C. (unpublished document). Artistically gifted children, prodigies, and savants.
- Golomb, C. (2007). Representational conceptions in two- and three-dimensional media: A Developmental Perspective. *Journal of Psychology of Aesthetics, Creativity and the Arts*. Vol. 1(1), pp. 32-39
- Golomb, C. (2008). Artistic development. In Marshall M. Haith & Janette B. Benson (Eds.) *The Encyclopedia of Infant and Early Child Development*, vol. 1, pp. 74-88, San Diego: Academic Press.
- Golomb, C. (in press). Artistic development. In Richard Shweder

(Ed.) *The Chicago Companion to the Child*. Chicago: University of Chicago Press.

PAPERS AND LECTURES AT PROFESSIONAL MEETINGS:

Children's Representations of the Human Figure: Syncretism or Invention? APA Convention, Washington, D.C., August 1969.

Children's Drawings: Developmental Changes in Human Figure Representation. Colloquium, Department of Clinical Psychology, Tel Aviv University, April 1970.

Evolution of the Human Figure in a Three-Dimensional Medium. Colloquium, Department of Psychology, Brandeis University, April 1971.

Child-Art: A Developmental Perspective. Invited Lecture, Department of Art Education, Massachusetts College of Art, October, 1973.

Pretense Play: Its Social and Cognitive Significance. Wheelock College Symposium on Symbolization and the Young Child, October, 1975.

The Child as Image-Maker. Psychological Seminar, Children's Hospital, Boston, May 1976.

New Research on Cognitive Dimensions of Symbolic Play. Colloquium, Project Zero, Harvard University Graduate School of Education, February 1977.

The Development of Representational Processes in the Normal and Mentally Retarded Child. Keynote speaker at the Symposium on Art and Special Education, Massachusetts College of Art, May 1977.

Research in the Development of Representation and Its Clinical Implications. Colloquium, Ashkelon Community Mental Health Service, Israel, August, 1977.

Some Cognitive Implications of Pretense Play. Colloquium, Department of Psychology, Boston University, October 1977.

Assessment of Works of Art from a Social Science Perspective:
Advances and Limitations. Brockton Art Museum, January,
1978.

Play and Cognition: Studies in Pretense Play and Conservation of
Quantity. Colloquium, Project Zero, Harvard University
Graduate School of Education, March 1979.

Cognitive Implications of Symbolic Play. Colloquium, Human
Development Seminars, Harvard Graduate School of Education,
May, 1979.

Studies in Pretense Play and the Conservation of Quantity.
International Conference on Early Childhood Education, Tel
Aviv, Israel, January, 1980.

Developmental Studies of Pretense Play. Southeastern Conference
on Human Development, Alexandria, Virginia, April, 1980.

The Origins and Determinants of Young Children's Drawings.
Horizons of Knowledge Curricular Lecture, Indiana
University, Bloomington, April, 1980.

Representation and Reality: The Origins and Determinants
of Young Children's Drawings. Invited address at the
National Symposium for Research in Art, University of
Illinois at Urbana-Champaign, October 1980.

Symbol Formation in Child Art. Second Annual Art Education
Lecture, University of Houston at ClearLake City, April
1981.

Assessing Cognitive Skills in Preschool Children of Middle and
Low Income Families. Twelfth Annual Symposium of the Jean
Piaget Society, Philadelphia, June, 1982.

Young Children's Planning Strategies and Early Principles of
Spatial Organization in Drawing. The Nato Conference on the
Acquisition of Symbolic Skills, Keele, England, July 1982.

The Role of Cognitive Operations in the Development of Gender
Constancy. Thirteenth Annual Symposium of the Jean Piaget
Society, Philadelphia, June 1983.

Compositional Trends in Drawing, Completion and Picture Selection Tasks. Symposium on Perception and Drawing of the British Psychological Society's Conference on Psychology and Art, Cardiff, Wales, September, 1983.

From Forms to Composition: The Development of Meaning in Children's Drawings. Symposium on "Children's Drawings: The Search for Meaning and the Art of Interpretation. Massachusetts Psychological Association, Worcester, May, 1984.

The Child as Image-Maker: Explorations in the Psychology of Art, Castle Hill, Truro Center for the Arts August 1984.

Symbolic Inventions and Transformations in Child Art. Program of Distinction Lecture Simon Fraser University Conference on "Imagination and Educational Development", Vancouver, B.C., Canada, Oct. 1984.

Compositional Development in Children's Drawings. Fifteenth Annual Symposium of the Jean Piaget Society, Philadelphia, June 1985.

New Theoretical and Empirical Approaches to Representational Development in Drawing: Implications for Clinical Assessment. Colloquium, Department of Counseling Psychology, Tel Aviv University, January 1986.

The Development of Compositional Strategies in Drawing. Paper presented at the Symposium "Compositional Development: The Creation of Meaning in Children's Drawings, APA Annual Convention, August 1986, Washington, D.C.

A Study of Young Children's Aesthetic Sensitivity to Drawing and Painting. Paper presented at the Symposium "Facets of Artistic Development". Biennial Meeting of the Society for Research in Child Development, Baltimore, April 1987.

Reflections on Cultural Variables and Universals in Young Children's Drawings. Paper resented at the Symposium "Social and Cultural Influences on Children's Drawings". Biennial Meeting of the Society for Research in Child Development, Baltimore, April 1987.

The Graphic Development of Two Artistically Gifted Children: The Drawing Development of Nadia and Eytan". Paper presented at the Symposium "Arts and Diagnostics: The Sheep and the Goats." Fifty-eighth Annual Meeting of the Eastern Psychological Association, Washington, D.C., April 1987.

"The Development of Graphic Representation: Implications for Clinical Assessments". Colloquium, Boston City Hospital, Pediatric Fellows Seminar, October 1987.

Early Representational Concepts of the Human Figure in a Three-Dimensional Medium. Invited lecture at the Symposium "The Case for Clay in Secondary Art Education" Department of Education, New York University, Manhattan, January 1988.

The Development of Graphic Representation in Normal and Developmentally Atypical Populations. Colloquium, Boston City Hospital, Pediatric Fellows Seminar, May 1990.

Eytan: The Early Development of a Precociously Gifted Child Artist. Paper presented at the Symposium "The Development of Gifted Child Artists", APA Annual Convention, August 1990, Boston.

The Development of Three-Dimensional Concepts in Children's Sculpture. Paper presented at the Eastern Psychological Association, 63rd Annual Meeting, April 1992, Boston.

Imaginative Play: An Examination of its Boundaries in Preschool Children. Paper presented at the Eastern Psychological Association, 63rd Annual Meeting, April 1992, Boston.

Sculpture: The Development of Three-Dimensional Representation in Clay. Paper presented at the Symposium "The Development of Three-Dimensional Representation," APA Annual Convention, August 1992, Washington, D.C.

On the Transition from Pretense Play to Reality: What are the Rules of the Game? Paper presented at the Symposium "The Pretense-Reality Distinction in Imaginative Behavior," APA Annual Convention, August 1992, Washington, D.C.

Art and the Young Child: Another Look at the Developmental Question. Invited Address at the Conference "Making Meaning through Art: Art in Early Childhood Education", University

of Illinois at Champaign, September 1992.

Child Art and the Development of Gifted Children, keynote address at the Indiana Challenging Artistically Gifted/talented Children Conference, Lafayette, IN, March 1993.

Development in Artistically Gifted Youngsters: A Study in Contrasts. Paper presented at the Indiana Challenging Artistically Gifted/Talented Students Conference, Lafayette, IN, March 1993

Make-Believe and Reality: Further Explorations of the imaginative realm. Paper presented at the 23rd Annual Symposium of the Jean Piaget Society, Philadelphia, June 1993.

The Creation of Meaning in Drawing: Compositional Development in Normal and Atypical Children. Paper presented at the 13th Congress of the International Association for Empirical Aesthetics, Montreal, August 2-5, 1994.

Drawing Development in Autistic and Mentally Retarded Children. Paper presented at the Symposium "Drawing Development and Talent in Autistic and Mentally Retarded Individuals," APA Annual Convention, August 1995, New York.

How do we Understand Preschoolers' Understanding of Pretense? Paper presented at the 26th Annual Symposium of the Jean Piaget Society, Philadelphia, June 1996.

Cognitive Models of the Arts: Developmental Perspectives. Invited Symposium, APA Annual Convention, August 1996, Toronto, Canada.

Bridging the Gap Between Implicit and Explicit Representation and Exploring the Effects of Training on Preschoolers' Understanding of Pretense. Paper presented at the 27th Annual Symposium of the Jean Piaget Society, Los Angeles, June 1997.

Art of the Young: The Many Faces of Representation, paper presented at the symposium "Representation and Critique," at the 105th Annual Convention of the American Psychological Association, Chicago, August 1997.

Cognitive Models of Belief and Pretense: Mixing Apples and Oranges, and Constraining Preschoolers' Theory of Pretense. Paper presented at the New England Psychological Association, N.Easton, MA, October 1997.

Compositional Skills and their Constraints on Children's Expression of their Thoughts and Feelings in Drawing. Paper presented at the invited symposium "Giving Vision to Personal and Societal Understanding: Children Communicating Through Drawing," at the 28th Annual Symposium of the Jean Piaget Society, Chicago, IL, June 1998.

Old and new approaches to the study of pretense play. Invited colloquium, St. Michaels College, Burlington, VT, April 16, 1999.

Drawing development and cognition: A reassessment. Paper presented at the International Conference on Psychology: Psychology After the Year 2000, Haifa, Israel, June 1999.

Artistically gifted children, prodigies, and savants. Invited lecture in the Green College Thematic lecture Series 2001-2002 on The nature of creativity: History, biology, and socio-cultural dimensions. University of British Columbia, March 9, 2002.

Drawing: The effects of media on spatial representation. Poster presented at the Jean Piaget Society 32 Annual Meeting, Philadelphia, June 8, 2002.

Children's compositional strategies in drawing: The role of the medium. Paper presented at the 42 Annual Meeting of the New England Psychological Association, Rivier College, Nashua, NH., October 18-19, 2002.

The representational Mind: Perspectives on artistic development. Arnheim Award Lecture, Div. 10, the Annual Meeting of the American Psychological Association, Toronto, 2003.

Representational conceptions in two- and three-dimensional media: A developmental perspective. Paper presented at the symposium "Honoring Arnheim at 100: Creating Psychology and the Arts. Annual Meeting of the American Psychological Association, Washington, DC. 2005.

Child Art in Context: Individual Differences and Cultural Diversity in the Art Form of Children. Paper presented at the symposium "Understanding Children's Art" at the 19th Biennial Meeting of the International Society for the Study of Behavioral Development (ISSBD), Melbourne, Australia, July 2006

