

**Barbara M. Burns**  
**Professor & Director**  
**Liberal Studies Program: Pre-Teaching & Child Studies**  
**Santa Clara University**  
**Santa Clara, California 95053**

**Education**

Ph.D. (1980) Brown University (Experimental Child Psychology)

B.A. (1974) University of Connecticut (Major in Psychology)

National Institutes of Child Health and Human Development (NICHD) Postdoctoral Fellow, Department of Psychology, University of California-Berkeley, 1981-1983

**Professional Positions**

Professor & Director of Liberal Studies Program, Santa Clara University, 2012-present  
Professor, Department of Psychological and Brain Sciences, University of Louisville, 1993-2012 (Chair, 2006-2009)

Visiting Scientist, Centers for Disease Control & Prevention, National Center for Birth Defects & Developmental Disabilities (Child Development Team)NCBDDD, 2009-10

Senior Clinical Advisor, Early Intervention Program, New York City Department of Health and Mental Hygiene (DoHMH), NYC, 2006-2009

Visiting Professor, Department of Psychiatry, Mount Sinai School of Medicine, 2005-6  
Chief Clinical Officer, Early Intervention Program, NYC Department of Health and Mental Hygiene (DoHMH), 2005-2006

Associate Professor, Department of Psychology, University of Louisville, 1989-1992

Assistant Professor, Department of Psychology, University of Louisville, 1988-1989

Assistant Professor, Department of Psychology, Mount Holyoke College, 1983-1988

Research Associate, Department of Psychology, Brown University, 1980-1981

Assistant Professor, Department of Psychology, Clark University, 1979-1981

**University Committees at Santa Clara University**

SCU Ignatian Center, Thriving Neighborhoods Committee, 2014- present

SCU College of Arts & Sciences, Search Committee for Faculty in Public Health, 2013-2014

SCU Search Committee for Kids on Campus Preschool Direction, 2014.

SCU School of Education and Counseling Psychology, Search Committee for Chair in Department of Education, 2013-2014.

SCU Arts for Social Justice, Committee Member, 2013-

SCU Kids on Campus Board Member, 2014-present

SCU Spirituality and Health Institute, Member, 2012-

## **Editorial and Related Review Experience**

### **Editor**

National Head Start Association Dialog: A Research-to-Practice Journal for the Early Intervention Field (2004-2008).

### **Editorial Boards**

National Head Start Association Dialog: A Research-to-Practice Journal for the Early Childhood Field, 2010-present; National Head Start Association Dialog: A Research-To-Practice Journal for the Early Intervention Field, 2008-2010; Education and Educational Development, 2014-present; Journal of Educational Computing Research, 1991-1996.

Ad Hoc Reviewer: Early Education and Development; Journal of Experimental Child Psychology; Early Education and Care; Early Childhood Research Quarterly; Research in Developmental Disabilities; Developmental Neuropsychology; Journal of Applied Developmental Psychology; American Journal of Mental Retardation; Comprehensive Psychiatry.

### **National Grants Reviewer (Ad Hoc)**

March of Dimes

National Science Foundation

### **Tenure and Promotion Reviewer**

Department of Psychology, University of Miami

Department of Psychology, Texas A & M University

### **University and College Department Program Reviews**

Agnes Scott College, Department of Psychology (Undergraduate Program)

Cleveland State University, Department of Psychology (Graduate Program)

## **Teaching**

**University of Louisville:** *Distinguished University Honors Fellow*; University Honors Program Seminars: *Babies, Bonding and the Brain: What's Love Got to Do With It?*; *Overcoming the Odds: Resilience in Children*; *Reading, Writing and Toxics: Environmental Justice and Children's Development*; *Children's Health and Development: Connecting Research to the Community*; *Parenting: Science and Practice*

Department of Psychological and Brain Sciences Undergraduate Program: *Life Span Developmental Psychology*; *Peace and Nonviolence in Children and Adolescents*; *Death, Dying and Bereavement*; *Supporting Healthy Children in Botswana*; *Applied Developmental Psychology*

Department of Psychological and Brain Sciences Graduate Program: *Applied Developmental Sciences*; *Social Cognition and Development*; *Parenting: Science and Practice*; *Life Span Developmental Psychology*; *Cognitive Development*

**Santa Clara University:** Developmental Psychology (Psyc 185); Senior Seminar in Child Studies (LBST 195); Senior Seminar in Pre-Teaching (LBST 197); Resilient Families (LBST 190); Independent Research (LBST 199); Independent Study in Community Teaching (LBST 199); Internship in Child Studies (LBST 191)

## Research And Scholarship

*\* signifies mentee/student researcher*

Burns, B. M., Fayram\*, E., Strong\*, K., Ruiz\*, A., Arellano\*, B., Ilcisin\*, M., Dong\*, S., Schuller\*, M., Gil\*, R., Franklin\*, C., Agelson\*, D., Cruz\*, V., Crespi\*, S., Vaccaro\*, J. (2015, under review) *Resilient Families Program: Promoting Young Children's Resilience Through Parenting*.

Burns, B. M. (2015, June) Facilitators Guide for *Resilient Families Program: Parents of Young Children*, Technical Report, Santa Clara University, Santa Clara, CA.

Burns, B. M. (2015, June) Facilitators Guide for *Resilient Families Program: Young Children* Technical Report, Santa Clara University, Santa Clara, CA.

Burns, B. M. (2015, June) Facilitators Guide for *Resilient Families Program: Teachers*. Technical Report, Santa Clara University, Santa Clara, CA.

Burns, B. M. and Maritz, Y. (2015) Mindful parents, resilient children: The significance of compassion for parenting. In Plante, T. G. (Ed.) *Maximize Compassion, Minimize Cruelty: Psychological, Spiritual, and Religious Influences*. SCU Spirituality and Health Institute, NY: Praeger.

Burns, B., Senturias, Y., Davis, L.B.\* (2015) Fetal Alcohol Syndrome: A pilot study exploring parental experiences and a FASD education program. *Fetal Alcohol Forum, 12, FASD Medical e-network, 26-30*.

Burns, B. (2014, August) Facilitators Guide for *Resilient Families Program: Parents* Technical Report, Resilient Families Working Group, Santa Clara University, Santa Clara, CA.

Burns, B. (2014, August) Facilitators Guide for *Resilient Families Program: Manual for Children and Youth*. Technical Report, Resilient Families Working Group, Santa Clara University, Santa Clara, CA.

Senturias, Y. & Burns, B. M. (2014). Managing children and adolescents with Fetal Alcohol Syndrome Disorder in the Medical Home. *Current Problems in Pediatric and Adolescent Health Care. 44(4), 96-101*.

- Burns, B., Haynes, L., Bauer\*, A., Shetty\*, A., Mendoza\*, J. Fregoso\*, F., Strong\*, K., Arellano\*, B. (2013). Strengthening Children's Resilience Through Parenting: A Pilot Study. *Therapeutic Communities: International Journal of Therapeutic Communities* 34(4), 121-131.
- Day\*, C.D. & Burns, B.M. (2011). Characterizing achievement motivation orientation of children from low- and middle- income families. *Early Education and Development*, 22, 105-127.
- Brown\*, D. D., Lile\*, J., & Burns, B. M. (2011). Basic language skills and young children's understanding of causal connections during storytelling. *Reading Psychology*, 32(4), 372-394.
- Davis, D.W, Gordon\*, M. & Burns, B.M. (2011). Educational interventions for childhood asthma: a review and integrative model for preschoolers from low-income families. *Pediatric Nursing*, 37(1), 31-38.
- Clement, C., Harris\*, C., Weatherholt\*, T. & Burns, B. M. (2010). An eye tracking analysis of the effect of prior comparison on analogical mapping. *Current Psychology: A Journal for Diverse Perspectives on Diverse Psychological Issues*, 29(4), 273-287.
- Hart, J., Walker, K. & Burns, B. M. (2010). Sustainability and student research: Sowing seeds for another tomorrow. *Metropolitan Universities Journal: The Green Revolution of Metropolitan Universities*, Vol 20 (4).
- Brown\*, D. D., Weatherholt\*, T. N., & Burns, B. M. (2010). Attention skills and looking to television in children from low-income families. *Journal of Applied Developmental Psychology*, 330-337.
- Brown\*, D. D., Weatherholt\*, T. N., & Burns, B. M. (2010). Understanding parent reports of children's attention behaviors: Role of children's attention skills, temperament, and home environment. *Journal of Early Childhood and Infant Psychology*, 6, 41-58.
- Robinson\*, J. B., Burns, B.M. & Davis, D.W. (2009). Maternal scaffolding and attention regulation in children living in poverty. *Journal of Applied Developmental Psychology*, 30, 82-91.
- Davis, D.W., Harris\*, R.C. & Burns, B.M. (2009). Attention regulation in low-risk very low birth weight preschoolers: The influence of child temperament and parental sensitivity. *Early Child Development and Care*, 1, 1-22.

- Richard\*, H., Davis\*, D.W., & Burns, B. M. (2009). An evaluation of the 'Children's Behavior Questionnaire' (CBQ) for use with children from low-income families. *Journal of Early Childhood and Infant Psychology*, 4, 111-124.
- Burns, B., Clancy, J. Amgott, M., Govind, P., Flores\*, P. & Stone, L. (2008). Identifying and referring children with development delays to Early Intervention Services. *City Health Information*, 27 (2), 9-16.  
<http://www.nyc.gov/html/doh/html/chi/chi.shtml>
- Day\*, C., Flores\*, P. A., Gordon\*, M., Richard\*, H., & Burns, B. M. (2008). *Early intervention effects on maternal sensitivity in low-income families: Pilot study* (Technical Report). Louisville, KY: University of Louisville, Department of Psychological and Brain Sciences.
- Harris\*, R.C., Robinson\*, J.B., Chang\*, F., & Burns, B.M. (2007). Characterizing preschooler children's attention regulation in parent-child interactions: The role of effortful control and motivation. *Journal of Applied Developmental Psychology*, 28, 25-39.
- Davis, D.W., Burns, B.M., Snyder\*, E., Robinson\*, J.B. (2007). Attention problems in VLBW children: Relationships between parent report and child performance on measures of attention networks. *Journal of Child and Adolescent Psychiatric Nursing*, 20, 74-85.
- Snyder\*, E., Davis, D. W., Burns, B. M., & Robinson\*, J. (2007). Examining attention networks in children born with very low birth weights (VLBW) families. *Journal of Early Childhood and Infant Psychology*, 3, 185-206.
- Weatherholt\*, T., Harris\*, R.C., Clement, C., & Burns, B.M. (2006). Attention and analogical reasoning in children from low-income families. *Journal of Applied Developmental Psychology*, 27(2), 125-135.
- Davis, D.W., Chang\*, F., & Burns, B.M. (2006). An Evaluation of the 'Children's Behavior Questionnaire' for use with very low birth weight preschoolers. *Journal of Early Childhood and Infant Psychology*, 2, 181-200.
- Weatherholt\*, T., Lamb-Parker, F. & Burns, B.M. (2006). *NHSA Dialog: A Research to Practice Journal for the Early Intervention Field*. In R.S. New & M. Cochran (Eds.) *Early Childhood Education: An International Encyclopedia*. CT: Greenwood Publishing.

- Chang\*, F. & Burns, B. M. (2005). Attention in preschoolers: Associations with effortful control and motivation. *Child Development, 76*, 247-263.
- Bettler\*, RJ, Jr., Burns, B. M., & Strother\*, S. (2005). Parents' goals and the early cognitive development of economically disadvantaged children. *NHSA Dialog: A Research-to-Practice Journal for the Early Intervention Field, 8*, 88-102.
- Davis, D.W., Burns, B.M., Wilkerson, S.A. & Steichen, J.J. (2005). Visual perceptual skills in children born with very low birth weights. *Journal of Pediatric Health Care, 19*, 363- 368.
- Burns, B. (2005). Sudden Infant Death Syndrome (SIDS) and the contributions of Lewis P. Lipsitt. In C.B. Fisher & R.M. Lerner (Eds.) *Encyclopedia of Applied Developmental, Thousand Oaks, CA: Sage*.
- Bettler\*, R. M. Jr., Miles\*, S. & Burns, B. M. (2005). Methodological and conceptual innovations in student achievement research. In F. Columbus, (Ed.) *Child Psychology: New Research*. NY: Nova Science Publishers, Inc.
- Davis, DW, Chang\*, F., Burns, B. M., Robinson\*, J & Dossett\*, D. (2004). Low lead levels and attention regulation in children from Head Start. *Developmental Medicine and Child Neurology, 46*, 825-831.
- Davis, DW, Burns, B., Dossett\*, D., Snyder\*, E., & Wilkerson, S. (2004). Parent-child interaction and attention regulation in children born prematurely. *Journal for Specialists in Pediatric Nursing, 9(3)*, 85-94.
- Bettler\*, R.F., Jr., & Burns, B. (2003). *Enhancing parental involvement through goal-based interventions* [Research Digest]. Cambridge, MA: Harvard Graduate School of Education, Harvard Family Research Project.
- Schlewitt-Haynes\*, L.D., Earthman\*, M.S. & Burns, B. (2002). Seeing the world differently: An analysis of descriptions of visual experiences provided by visual artists and non-artists. *Creativity Research Journal, 14(3)*, 361-372.
- Davis, D. & Burns, B. M. (2001). Problems of self-regulation: A new way to view deficits in children born prematurely. *Issues in Mental Health Nursing, 22*, 305-322.
- Irwin-Chase\*, H. & Burns, B. M.(2000). Developmental changes in children's abilities to share and allocate attention in a dual task. *Journal of Experimental Child Psychology, 77*, 61-85.

- Dossett\*, D. & Burns, B. (2000). The development of children's knowledge of attention and resource allocation in single and dual tasks. *Journal of Genetic Psychology*, 161(2), 216-234.
- Irwin-Chase\*, H. & Burns, B. (1999). Individual differences in visual texture segmentation. *Perceptual and Motor Skills*, 88, 485-495.
- Burns, B. (Ed.) (1992). *Percepts, Concepts and Categories: The Representation and Processing of Information*. Amsterdam: Advances in Psychology Series, Elsevier Science.
- Burns, B. (1992). Perceived similarity in perceptual and conceptual development: The Influence of category information on perceptual organization. In Burns, B. (Ed.), *Percepts, Concepts and Categories: The Representation and Processing of Information*. Amsterdam: Advances in Psychology Series, Elsevier Science Press.
- Burns, B. & Lipsitt, L.P. (1991). Behavioral factors in crib death: Towards an understanding of sudden infant death syndrome. *Journal of Applied Developmental Psychology*, 12, 159-184.
- Burns, B., & Coon\*, H. (1990). Logo programming and peer interactions: An analysis of process- and product-oriented verbalizations. *Journal of Educational Computing Research*, 6(4), 393-410.
- Burns, B. & Hagerman\*, A. (1989). Computer experience, self-concept and problem-solving: The effects of LOGO on children's ideas of themselves as learners. *Journal of Educational Computing Research*, 5(2), 199-212.
- Burns, B. & Ferguson\*, E. (1989). A developmental study of children's computer aptitude and knowledge about computer technology. In J.T. Pardeck and J.W. Murphy (Eds.), *Microcomputers in Early Childhood Education*, New York, Gordon and Breach. (Reprinted)
- Burns, B. (1988). Computers, children's thinking and Piaget. In B.J. Wadsworth, *Piaget's Theory of Cognitive and Affective Development*, Fourth Edition, New York: Longman.
- Burns, B. & Ferguson\*, E. (1988). A developmental study of children's computer-aptitude and knowledge about computer technology. *Early Child Development and Care: Special Issue on Children & Computers*, 32, 7-22.

- Burns, B. & Shepp, B.E. (1988). Dimensional interactions and the structure of psychological space: The representation of hue, saturation and brightness. *Perception & Psychophysics*, 43(5), 494-507.
- Burns, B. (1987). Is stimulus structure in the mind's eye?: An examination of dimensional structure in iconic memory. *The Quarterly Journal of Experimental Psychology*, 39A, 385-408.
- Burns, B. & Hopkins\*, A. (1987). Integral and separable stimulus structure in iconic memory: A replication and extension of Burns (1987). *Perceptual and Motor Skills*, 64, 263-270.
- Lipsitt, L.P. & Burns, B. (1987). Comments on J.J. McKenna's "An anthropological perspective on the Sudden Infant Death Syndrome: The role of parental breathing cues and speech breathing adaptations." *Journal of Medical Anthropology*, 10(1), 66-67.
- Burns, B. (1986). Perceptual development and categorization: I. An investigation of task demands, stimulus set similarity and age. *Journal of Genetic Psychology*, 147, 359-370.
- Burns, B. (1986). Relationship of perceived stimulus structure and intelligence: Further tests of a separability hypothesis. *American Journal of Mental Deficiency*, 91, 196-200.
- Burns, B. (1984). Stimulus structure in visual persistence: An examination of selective adaptation effects on phenomenal continuity. *Perceptual and Motor Skills*, 58, 663-670.
- Shepp, B.E., Burns, B., & McDonough, D. (1980). The relation of stimulus structure to perceptual and cognitive development: Further tests of a separability hypothesis. In J. Becker, T. Trabasso and F. Wilkening (Eds.) *The Integration of Information by Children*, Hillsdale, NJ: Erlbaum.
- Burns, B. & Zeaman, D. (1980). A comparison of laterality indices in college and retarded populations. *Journal of Psychology*, 104, 241-247.
- Burns, B., Shepp, B.E., McDonough, D. & Wiener-Ehrlich, W. (1978). The relation between stimulus analyzability and perceived dimensional structure. In G.H. Bower (Ed.), *The Psychology of Learning and Motivation: Recent advances in theory*, Vol. 12, New York: Academic Press.



## **Research In Preparation**

Burns, B. M. (2015, in preparation) *Strengthening resilience in families from underserved communities. (proposal for book-length manuscript)*

Burns, B. M. & Fayram, E. (in preparation) *Resilience in Latino Families.*

## **Current Grant Support**

### **Grant and Contract Support (Santa Clara University 2012- present)**

Burns, B.M. *Resilient Families and Thriving Neighbors: Resilient Families Program at Washington Elementary School.* Funded by the Thriving Neighbors Initiative, Ignatian Center, Santa Clara University, August 2014.

Burns, B.M. *Resilient Families and Thriving Neighbors: Extending Resilient Families Program for Parents and Infants.* Funded by the Thriving Neighbors Initiative, Ignatian Center, Santa Clara University, August 2015.

(Several grants are pending and in preparation at this time.)