**CURRICULUM VITA**

**(Revised Summer 2020)**

**CATHERINE GRANT WEIR**

**Current position: Professor Emerita of Psychology, Colorado College, Retired 2007**

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**Burke VA 22015**

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**CAREER HISTORY in Teaching Psychology**

**CURRENT:**

**Lectures for Osher Lifelong Learning Institute, George Mason University 2009-present**

**Visiting lectures for George Mason University, 2008, 2011 “Face Perception and Art”**

**Occasional teaching for Colorado College (Spring, 2010, Fall, 2013),**

**US CAREER:**

**Professor (2/3rds time), Colorado College 2001 to 2007.**

**Professor (full-time) at Colorado College 1991 to 2001: Tenured 1995, Department Chair, 1992-1995.**

**Associate Professor (full-time) at Rockford College 1990-1991; Department Chair**

**UK CAREER:**

**Lecturer: University College London 1970-1990**

**Assistant Lecturer: Reading University 1968-1970**

**Teaching Topics: Perception and Fine Arts, Research Design, Perception, Developmental Psychology, Introduction to Psychology, Senior Projects, Critical Thinking, Cognition**

**Special Awards for Senior Project Supervision at Colorado College:**

**Association of Colleges of the Midwest, Minority Student program:**

**Rose Ann King, 1997, Cynthia Blea, 1996 (RMPA undergraduate award)**

**Faculty-Student Collaborative Research**

**Nina Kaiser, 2000, Jennifer Gettman, 1999, Alysia Blandon, 1996 (RMPA undergraduate award), Kindle Rising, 1995**

**Committees: Boettcher Scholar Program Grants (2001-2005); Faculty Committee on Admissions & Financial Aid (1995 to 2001, Chair 1997 to 2001); Human Subjects Institutional Review Board (Chair 1994-1999, Member 1999-2001); Marshall Scholarship Advisor (1996-2001); Tutt Science Building Committee (1997, 1998); Faculty representative on searches for Community Service director 1997, Women's soccer coach 1999, Admissions Office Assistant 2000; Speaker for Alumni 50-Year Club, Homecoming 1999; President's Task Force on academic excellence (1993-95); Sponsor of student Psychology Society (1991-1996); Advisor Psychology Honorary Society, Psi Chi (1992-2001)**

**EDUCATION**

**1966-68 PhD 1970 University College London, University of London, supervisor, Professor R.J. Audley.**

**1965-66 MPhil (qual) University College, University of London,**

**first class.**

**1961-65 B.A. Colorado College, Colorado Springs, Colorado, magna cum laude, major in Psychology.**

**HONORS**

**1965 Marshall Scholarship, 1965-68**

**Woodrow Wilson Fellowship, 1965 (not used).**

**1964 Phi Beta Kappa (elected in junior year)**

**1990-95 Honorary Research Fellow, University College London**

**1996,1998, 2000, 2003,2007,2009 Honorary Research Fellow, London Metropolitan University**

**PUBLICATIONS**

**2017 Weir, C. & Mandes, E. (2017) *Interpreting Visual Art: A Survey of Cognitive Research about Pictures*. London: Routledge, Taylor & Francis.**

**2015 Millar, W.S. & Weir, C. (2015). Baseline response levels are a nuisance in infant contingency learning. *Infant and Child Development, 24(5)*, 506-521..**

**2007 Millar, W.S. & Weir, C. (2007). Heart-rate reactivity during contingency learning in 5- to 10-month old at-risk and non-risk babies. *British Journal of Developmental Psychology*, *25*, 135-146*.***

**2005 Webster, G.D. & Weir, C.G. (2005). Emotional Responses to Music: Interactive Effects of Mode, Texture, and Tempo. *Motivation and Emotion, 29*, 19-39.**

**2005 Weir, C., Toland, C., King, R., & Martin, L. M. (2005). Infant Contingency/Extinction Performance after Observing Partial Reinforcement. *Infancy, 8*, 63-80.**

**2002 Sigelman, C.K., Weir, C., Davies, E., & Silk, A. (2002). Age Differences in Alcohol and Cocaine Expectancies and Attitudes. *Journal of Drug Education, 32*, 81-93.**

**2000 Weir, C., Soule, S., Bacchus, C., Rael, J, & Schneider, J. (2000). The Influence of Vicarious Reinforcement and Habituation on Contingency Learning in Infants. *Merrill-Palmer Quarterly, 46*, 693-716.**

**2000 Weir, C. & Seacrest, M. (2000). Understanding Balance Scales in the United States and Zimbabwe: A Developmental Study. *Journal of Genetic Psychology, 161*, 5-22.**

**2000 Anderson, D.E., Weir, C., Dick, A.M. (2000). Sexual Abuse Allegations in Custody Cases – a New Paradigm for Court Management. *CBA Family Law Section Newsletter*, May-June, 3-5.**

**1997 Weir, C., Bruun, C., & Barber, T. (1997). Are Backward Words Special for Older Adults? *Psychology and Aging, 12*, 145-149.**

**1997 Weir, C. & Millar, W.S. (1997). The Effects of Neonatal Jaundice and Respiratory Complications on Learning and Habitation in 5- to 11-Month-Old Infants. *Journal of Child Psychology and Psychiatry, 38*, 199-206.**

**1997 Millar, W.S. & Weir, C.G. (1997). Relations between contingency learning and habituation in 6- to 12-month-old infants: Further evidence. *European Journal of Cognitive Psychology, 16*, 537-554.**

**1996 Furnham, A. & Weir, C. (1996). Lay theories of child development. *Journal of Genetic Psychology, 157*, 211-226.**

**1995 Millar, W.S. & Weir, C. (1995). A comparison of fixed trial and infant-control habituation procedures with 6- to 13-month-old at-risk infants. *Infant Behavior and Development, 18*, 263-272.**

**1992 Millar, W.S. & Weir, C. (1992). Relations between habituation and contingency learning in 5- to 12-month-old infants. *European Bulletin of Cognitive Psychology, 12*, 209-222.**

**1992 Millar, W. S., Weir, C. G., & Supramaniam, G. (1992). The influence of perinatal risk status on contingency learning in 6- to 13-month-old infants. *Child Development, 63*, 304-313.**

**1991 Weir, C., McManus, I.C., & Kiely, B. (1991). Evaluation of the teaching of statistical concepts by interactive experience with Monte Carlo simulations. *British Journal of Educational Psychology, 60*, 118-125.**

**1991 Millar, W.S., Weir, C. & Supramaniam, G. (1991) The relationship between encoding, discriminative capacities and perinatal risk status in 4- to 12-month-old infants. *Journal of Child Psychology and Psychiatry, 32*, 473-488.**

**1990 Weir, C. & Lamb, J. (1990). Differential sensitivity of newborns to synthetic speech stimuli, *British Journal of Audiology, 24*, 419-430.**

**1990 Furnham, A., Hester, C., & Weir, C. (1990). Sex differences in the preferences for specific female body shapes. *Sex Roles, 22*, 743-755.**

**1985 Weir, C. (1985). Use of behavioral tests in early diagnosis of hearing loss, *Supplementum Acta Otolaryngology, no 421*, pp 86-92.**

**1984 Dixon, N.F., Henley, S.H., and Weir, C. (1984). The extraction of information from continuously masked successive stimuli: an exploratory study. *Current Psychological Research and Reviews, 3*, 38-44.**

**1983 Weir, C. and James, J. (1983). Can newborns distinguish different vowels? *Working Papers of the London Psycholinguistics Research Group, 5*, 71-76.**

**1981 Weir, C. (1981). Validation of the Auditory Response Cradle with sound and tactile stimuli, *British Journal of Audiology, 15*, 61-65.**

**1979 Weir, C. (1979). Auditory frequency sensitivity of human newborns: Some data with improved acoustic and behavioral controls, *Perception and Psychophysics, 26*, 287-294.**

**1977 Weir, C. (1977). The effect of blank trials on probability learning, *American Journal of Psychology, 90*, 121-131 (based on PhD thesis).**

**1976 Weir, C. (1976). Interviews as an aid to selection of psychology undergraduates, *British Journal of Educational Psychology, 46*, 88-93.**

**1976 Weir, C. (1976). Auditory frequency sensitivity in the neonate: a signal detection analysis, *Journal of Experimental Child Psychology, 21*, 219-225.**

**1970 Weir, C. (1970). An analysis of a two-choice guessing situation in terms of concurrent-reinforcement schedules, PhD dissertation, University of London.**

**RECENT CONFERENCE PRESENTATIONS**

**2014 Capturing Competent, Creative Students to Perform Future Research in Empirical Aesthetics. Collaboration with Evans Mandes. City University of New York.**

**2010 Baseline Response Level in Infant Contingency Learning Is a Nuisance. Collaboration with W. S. Millar; *International Conference for Infant Studies*, Baltimore, March, 2010.**

**2007 How Infants Alter Their Cognitive Strategies After Otitis Media. In collaboration with Alysia Blandon '97 at *Society of Child Development Conference,* Boston, April**

**Listening to Music: A Descriptive Study. *Rocky Mountain Psychological Association Conference,* Denver, April.**

**Cycling Through Options for a Capstone Course in Psychology. *Rocky Mountain Psychological Association Conference,* Denver, April.**

**2006 A Learning Effect in Infant visual Habituation? *Rocky Mountain Psychological Association,* Park City, Utah, April.**

**2004 Contingency Learning in Short- and Long-Looking Infants. In collaboration with W. Stuart Millar. Poster presentation at *International Conference for Infant Studies*, Chicago, May.**

**Parent Reports of Infant Sleep Patterns: A Factor Analysis. In collaboration with Carol Headley Wetzig and Krista Duke at *International Conference for Infant Studies*, Chicago, May.**

**2003 Contingency Learning and Extinction in One-Year Olds. In collaboration with Lisa Maas Martin. Poster presentation at *American Psychological Society Conference*, Atlanta, May.**

**2002 A Vicarious Partial Reinforcement Extinction Effect in Infants? In collaboration with Lisa Maas, and Ruth Crutchfield. Poster presentation at *Conference on Human Development,* Charlotte, NC, April 5-7**

**Effects of Partial Reinforcement and Observational Reinforcement in 6- to 12-month Olds. In collaboration with W. Stuart Millar (London Guildhall University). Poster presentation at *International Conference on Infant Studies*, Toronto, Canada, April 18-21.**

**Music Interval Discrimination at 6 and 12 months. In collaboration with Stefani Previdi (’01) and Ruth Crutchfield. Poster presentation at *International Conference on Infant Studies*, Toronto, Canada, April 18-21.**

2001 The Effects of a Blurring Filter on a Stroop Color-Identification Task in Above Average Readers. In collaboration with Nina Kaiser ’01. *Society for Research in Child Development*, April, St. Paul, MN.

2001 Cognitive processes in Above-Average Readers. In collaboration with Nina Kaiser ’01. *Council on Undergraduate Research Posters on the Hill*, March, Washington DC.

**2000 Individual Differences in Habituation Applied to Contingency Learning Performance of Infants. In collaboration with W. Stuart Millar, Ruth Crutchfield, and Susanna Labovsky ‘99. *International Conference on Infant Studies*, July, Brighton, UK.**

**Comparing Young and Older Adults on Desired Qualities to a Spouse. Paper presented at *Rocky Mountain Psychological Association Conference*, April, Tucson, AZ**

**Effect of Marital Status on Parent Perception of Child Well-Being. In collaboration with Sabina Mehta '00. Winner of Minority Scholarship, *Rocky Mountain Psychological Association Conference*, April, Tucson, AZ**

**Crime Over Time: Perceptions of Criminality Over 70 Years. In collaboration with Clara Showalter, American University student, '00. *Rocky Mountain Psychological Association Conference*, April, Tucson, AZ**

**1999 A Cross-cultural Study of Cognition: Understanding Balance Scales in Two Countries. In collaboration with Mariya Seacrest ‘93. *Society for Research in Child Development*, April, Albuquerque.**

**Developmental differences in expectancies and attitudes regarding alcohol and cocaine. In collaboration with Carol Sigelman and Elizabeth Davies. *Society for Research in Child Development*, April, Albuquerque.**

**Infant visual habituation as a function of jaundice in the newborn period. In collaboration with Susanna Labovsky ‘99. *Rocky Mountain Psychological Association*, April, Ft. Collins, CO.**

**1998 Effects of demonstrations of continuous or partial reinforcement on performance of 6- and 12-month olds. In collaboration with Rose Ann King ‘98, Cynthia Toland ‘97. *International Conference on Infant Studies*, April, Atlanta, GA.**

**Contingency learning and heart rate changes in well and risk infants. In collaboration with W. Stuart Millar. *International Conference on Infant Studies*, April, Atlanta, GA.**

**Otitis Media affects habituation efficiency. *American Psychological Society*, May, Washington, DC.**

**Characterizing children's theories of how drugs affect behavior. In collaboration with Carol Sigelman, Elizabeth Davies, Kathleen Dwyer, Diane Leach, Lodi Lipien, Keisha Mack, and Julie Relyea. *American Psychological Society*, May, Washington, DC.**

**1997 Partial reinforcement effects on infant observation learning. In collaboration with Cynthia Blea ‘97, *Society for Research in Child Development*, April, Washington, DC.**

**Auditory-visual habituation in infants. In collaboration with Alysia Blandon ‘97, *Rocky Mountain Psychological Association*, April, Reno, Nevada.**

**Investigating effects of faking, culture, and gender on the Eysenck Personality Inventory. In collaboration with Christine McNaul ‘97 and Kristi Erdal. *Western Psychological Association*, April, 1997.**

**1996 Effects of otitis media and upper respiratory tract infection on cognitive development of 6- to 12-month old infants. In collaboration with K.L. Rising ‘96, & M. McMullen ‘95. *International Conference on Infant Studies,* April, Providence, Rhode Island.**

**The influence of neonatal jaundice on cognitive functioning in 6- to 12-month olds. In collaboration with W.S. Millar & K. Peck ‘96. *International Conference on Infant Studies*, April, Providence, Rhode Island.**

**Observation learning in 6- and 12-month-old infants. In collaboration with C. Bacchus, J. Schneider ‘95, & J. Rael ‘96. *International Conference on Infant Studies*, April, Providence, Rhode Island.**

**Observation of caregivers and learning in infants. In collaboration with C. Bacchus & S. oule ‘96. *Rocky Mountain Psychological Association*, April, Park City, Utah.**

**Effects of obstetric medication on newborn hearing and arousal. In collaboration with M.L. Youngquist ‘95. *Rocky Mountain Psychological Association*, April, Park City, Utah.**

**Faculty evaluation: How and why. Panel discussant. *Rocky Mountain Psychological Association*, April, Park City, Utah.**

**Perspectives of healthy children on Fetal-alcohol-syndrome siblings. In collaboration with C. Wallace ‘96 & A. Kerns ‘94. *Rocky Mountain Psychological Association*, April, Park City, Utah.**

**1995 Influence of neonatal jaundice and respiratory complications on cognition in later infancy. In collaboration with W.S. Millar.  *Rocky Mountain Psychological Association*, April, Boulder, Colorado.**

**The Psychology Major. Panel discussant at *Rocky Mountain Psychological Association,* April, Boulder, Colorado.**

**1994 Relations between habituation and contingency learning in 5- to 12-month-old infants. In collaboration with W.S. Millar. *International Conference of Infant Studies*, June, Paris.**

**Musical and numerical interval processing. Poster given by L. Larsen ('94) under my supervision. *Midwestern Psychological Association*, May, Chicago.**

**Self-assessment of children with fetal alcohol syndrome siblings. poster given by A. Peck ('94) under my supervision. *National Conference of Undergraduate Research*, April, Kalamazoo, Michigan.**

**1993 Musical interval recognition: A cross-cultural study. *Western and Rocky Mountain Psychological Association*, April, Phoenix, Arizona.**

**Sexual harassment policies in higher education. Panel discussant. *Western and Rocky Mountain Psychological Association*, April, Phoenix, Arizona.**

**Habituation to cross-modal stimuli in infancy. In collaboration with K. A. Yost ‘92. *Midwestern Psychological Association*, May, Chicago, Illinois.**

**A comparison of fixed-trial and infant-control habituation procedures with 6- to 12-month-old at-risk infants. *British Infancy Research Group Conference*, July, Ambleside, U.K.**

**SEMINARS and IN-SERVICE PRESENTATIONS**

2005 Are Backward Words Special for Older Adults? Graduate Seminar at George Mason University, ARCH Lab Nov 9.

**2005 Perception and the Fine Arts: A Course Proposal. Departmental Seminar in September.**

**2005 Adapting to Ear Infections: A Routine Developmental Challenge in the First Year of Life. In-Service Seminar for Ft. Carson Pediatric Department, April 26, and Seminar for Colorado College Psychology Department, April 19**

**2003 Looking and Learning. Seminar for Colorado College Psychology Department**

**1997 What do Infants Learn from their Parents? Seminar for Psychology Department at Catholic University of American, Washington DC**

**1992 Musical interval processing by musicians. Inaugural meeting of Southern Colorado Academic Psychology Seminar, Colorado College, Oct 1, 1992**

**1989 Categorical perception in newborns? Invited lecture, 5 December, Central Institute for the Deaf, St. Louis, Missouri.**

**WORKSHOPS ATTENDED**

**2009 Learning and the Brain - The Creative Brain: Using Brain Research on Creativity and the Arts to Improve Learning. May, 2009, Washington, DC.**

**1999 Chattaqua Course on "How and Why We Age". Temple University, Philadelphia.**

**1996 Council on Undergraduate Research Workshop, 1996, North Carolina Central University**

**1995 Council on Undergraduate Research/NSF Workshop, "April Dialogue". April, 1995, Arlington, Virginia**

**1994 American Council for Education Workshop on "Chairing the Academic Department". November, 1994, San Diego**

**PROFESSIONAL AFFILIATIONS**

**American Psychological Society, American Psychological Association, Division 10., International Association for Empirical Aesthetics, International Society for Infant Studies**