

CURRICULUM VITAE

Daniel P. Keating

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A. Degrees:

- Ph.D. - The Johns Hopkins University (Psychology), 1973.
- M.A. - The Johns Hopkins University (Psychology), 1973.
- B.A. - College of the Holy Cross (Psychology), 1971.

B. Professional Positions

- 2004- Professor of Psychology, Psychiatry, and Pediatrics; Research Professor, Survey Research Center, Institute for Social Research, University of Michigan
- 2005- Adjunct Professor, Department of Human Development and Applied Psychology, Ontario Institute for Studies in Education of the University of Toronto
- 2004-2008 Director and Research Professor, Center for Human Growth and Development, University of Michigan
- 2001-2005 Atkinson Foundation Professor of Early Child Development and Education, Department of Human Development and Applied Psychology, Ontario Institute for Studies in Education of the University of Toronto
- 1996- 2005 Professor, Department of Human Development and Applied Psychology, Ontario Institute for Studies in Education of the University of Toronto
- 1996-1999 Professor and Founding Chair, Department of Human Development and Applied Psychology, Ontario Institute for Studies in Education of the University of Toronto
- 1993-2012 Fellow, Canadian Institute for Advanced Research (CIAR):
Founding Director, Program in Human Development (1993-2003)
Member, Successful Societies Program (2003- 2012)
- 1987-2005 Professor, Ontario Institute for Studies in Education, and Graduate Faculty of Education, University of Toronto
- 1983-1987 Professor of Psychology and Education, University of Maryland Baltimore County (UMBC)
- 1985 Visiting Scientist, Max Planck Institute for Human Development and Education, West Berlin, FRG
- 1980-1983 Associate Professor of Psychology and Education, UMBC

1980-1987 Founding Director, Ph.D. Program in Applied Developmental Psychology, UMBC
1978-1980 Associate Professor, Institute of Child Development, University of Minnesota
1974-1978 Assistant Professor, Institute of Child Development, University of Minnesota
1974 Postdoctoral Fellow, Johns Hopkins University
1973-1974 Instructor in Psychology, Johns Hopkins University and Towson State University

C. Funded Research

Current:

2010-2012 National Institute of Environmental Health Sciences (NIEHS)/ NIH
Epigenetic Mechanisms of Social Disparities in Health and Development
Senior Short-term Career Training Award (K18)
Role: PI

2009-2014 Institute of Education Sciences, Social and Behavioral Research
SECURE: Emotion and Cognitive Regulation in Early Schooling
Role: Co-Investigator. PI: F. Morrison

2008-2013 National Science Foundation, Learning Sciences Branch
IRADS: Center for Analyses of Pathways from Childhood to Adolescence
Role: Co-PI. PI: P. Davis-Kean

2007-2015 NIH/ NICHD/ National Children's Study (NCS)¹:
Michigan Alliance for the National Children's Study
Roles: PI for the University of Michigan; Location PI, Lenawee County; Director of MANCS Neurodevelopmental Assessment Core; Member, MANCS Executive Committee
Overall MANCS PI: N. Paneth, Michigan State University
To conduct the NCS in:
Wave 1: Wayne County, Michigan (2007-2013)
Wave 2: Grand Traverse County, Michigan (2008-2014)
Lenawee County, Michigan (2008-2014)
Wave 3: Genesee County, Michigan (2009-2015)
Macomb County, Michigan (2009-2015)
Total UM award (5 counties): ~\$21.8 M

Pending:

06/12 NICHD
Neurodevelopmental Pathways in Adolescent Health Risk Behavior

¹ The NCS is conducting formative research on a number of aspects of the sampling and protocol, and plans to launch the Main Study in 2014. These contracts will be adjusted following the formative research phase.

Completed:

- 2009-2011 MICHHR, University of Michigan: A Pilot Study on Metals Exposures and Neurodevelopment Impacts in Aamjiwnaang Children
Role: Co-Investigator. PIs: N. Basu & F. Miller
- 2005-2010 NICHD (U-10) Study of Early Child Care and Youth Development (3 U10 HD025449-15S1; subcontract from University of Virginia GC10139-123029).
Role: UM PI
- 2004-2009 Canadian Institutes of Health Research (CIHR)
Institute for Human Development, Child and Youth Health
Role: Co-investigator (PIs: J. Jenkins [U. Toronto] and M. Boyle [McMaster U.])
Transactional Processes in the Development of Emotion-Behaviour Regulation
- 2002-2006 NIMH Network (R-24) on Affect Regulation and Adolescent Brain Maturation
(Collaborating Investigator; PI: Ronald Dahl, Western Psychiatric Institute & Clinic)
- 2001-2005 Atkinson Charitable Foundation, Atkinson Chair and Atkinson Centre for Society and Child Development
- 2001-2004 Human Resources Development Canada (HRDC), Toronto First Duty Project
- 2001-2004 Change Foundation (Ontario Hospital Association), Aggression Problems in Young Children: Early Intervention in a Community Based Approach
- 1999-2002 Invest in Kids Foundation and Lawson Foundation, Millennium Dialogue on Child Development
- 2000-2001 Proposal Development for Network Centre of Excellence (Industry Canada and Tri-Council), Society and Child Development
- 2000 Intensive NLSCY Sample: Proposal Development
- 1995-1999 Telelearning Network of Centres of Excellence (Theme Leader), Social and Economic Aspects of Telelearning
- 1993-2003 Human Development Program, Canadian Institute for Advanced Research
- 1992-1996 Social Sciences and Humanities Research Council of Canada (SSHRC)/ Northern Telecom Joint Venture Grant on Science Culture in Canada: Development of Mathematical and Scientific Talent in Young Women
- 1991-1994 Natural Sciences and Engineering Research Council of Canada (NSERC)
Operating Grant: Cognitive Processing Sources of Individual Differences
- 1988-1991 NSERC Operating Grant: Development of Expertise in Social and Abstract Reasoning
- 1987-1988 OISE Internal SSHRC Grant: Adolescent Development in Social Reasoning about Life Problems
- 1983-1987 NIMH: Adolescent Stress and Coping: A Developmental Perspective
- 1979-1980 University of Minnesota Graduate School Grant
- 1976-1981 Spencer Fellowship, National Academy of Education
- 1976 University of Minnesota Summer Research Fellowship
- 1974-1977 University of Minnesota Graduate School Grant
- 1973-1975 U.S. National Science Foundation: Precocious Cognitive Development

D. Publications

I: Books

1. Keating, D. P. (Ed.). (2011). *Nature and nurture in early child development*. New York: Cambridge University Press. [Paperback version, 2012.]
2. Keating, D. P., & Hertzman, C. (Eds.). (1999). *Developmental health and the wealth of nations: Social, biological, and educational dynamics*. New York: Guilford Press.
3. Keating, D. P., & Rosen, H. (Eds.). (1990). *Constructivist perspectives on developmental psychopathology and atypical development*. Hillsdale, NJ: Erlbaum.
4. Morrison, F. M., Lord, C. J., & Keating, D. P. (Eds.). (1989). *Applied developmental psychology*. Vol. III. New York: Academic Press.
5. Morrison, F. M., Lord, C. J., & Keating D. P. (Eds.). (1985). *Applied developmental psychology*. Vol. II. New York: Academic Press.
6. Morrison, F. M., Lord, C. J., & Keating D. P. (Eds.). (1984). *Applied developmental psychology*. Vol. I. New York: Academic Press.
7. Keating, D. P. (Ed.). (1976). *Intellectual talent: Research and development*. Baltimore: The Johns Hopkins University Press.
8. Stanley, J. C., Keating, D. P., & Fox, L. H. (Eds.). (1974). *Mathematical talent: Discovery, description, and development*. Baltimore: The Johns Hopkins University Press.

II: Refereed Journals

1. Siddiqi A, Hertzman C, Keating DP and Kawachi I. (in press). Population health in a neoliberal era: Assessing social resilience through comparison of Canada and the United States. *International Journal of Health Services*.
2. Watt, H. G., Shapka, J. D., Morris, Z. A., Durik, A. M., Keating, D. P., & Eccles, J. S. (2012). Gendered motivational processes affecting high school mathematics participation, educational aspirations, and career plans: A comparison of samples from Australia, Canada, and the United States. *Developmental Psychology*. (Epub ahead of print).
3. Shapka, J. D., Domene, J. F., & Keating, D. P. (2012). Trajectories of educational aspirations through high school and beyond: A gendered phenomenon? *Canadian Journal of Education*, 35, 239-258.
4. Maslowsky, J., Buvinger, E., Keating, D. P., Cauffman, E., & Steinberg, L. D. (2011). Cost-benefit judgment mediates the relationship between sensation seeking and risk behavior among adolescents. *Personality and Individual Differences*, 51(7), 802-806.
5. Maslowsky, J., Keating, D. P., Monk, C. S., & Schulenberg, J. S. (2011). Planned versus unplanned risks: Neurocognitive predictors of subtypes of adolescents' risk behavior. *International Journal of Behavioral Development*, 35 (2), 152-160.
6. Runions, K. C. & Keating, D. P. (2010). Anger and inhibitory control as moderators of children's hostile attributions and aggression. *Journal of Applied Developmental Psychology*, 31 (5), 370-378.
7. Crosnoe, R., Morrison, F. J., Burchinal, M., Pianta, R., Keating, D. P., Friedman, S.L. Clarke-Stewart, K. A. & The NICHD Early Child Care Research Network. (2010). Instruction, teacher-student relations, and math achievement trajectories in elementary school. *Journal of Educational Psychology*, 102 (2), 407-417.

8. Keating, D. P. & Halpern-Felsher, B. L. (2008). Adolescent drivers: A developmental perspective on risk, proficiency, and safety. *American Journal of Preventive Medicine*, 35(S), 272-277.
9. Keating, D. P. (2007). Formative evaluation of the Early Development Instrument: Progress and prospects. *Early Education and Development*, 18 (3), 561-570.
10. Keating, D. P. (2007). Understanding adolescent development: Implications for driving safety. *Journal of Safety Research*, 38 (2), 147-157.
11. Runions, K. C. L. & Keating, D. P. (2007). Young children's social information processing: Family antecedents and behavioral correlates. *Developmental Psychology*, 43(4).
12. Domene, J.F., Shapka, J.D., & Keating, D.P. (2006). Educational and career-related help-seeking in high school: An exploration of Canadian students' choices. *Canadian Journal of Counselling*, 40, 145-159.
13. Shapka, J.D., Domene, J.F., & Keating, D. P. (2006). Trajectories of career aspirations through adolescence and young adulthood: Early math achievement as a critical filter. *Educational Research and Evaluation*, 12, 347-358.
14. Runions, K. C. L., Keating, D. P., Janus, M. (2005). Neighbourhood income dynamics and the stability of the Early Development Index: Findings from Toronto. *Australian Journal of Psychology*, 57: 170-170
15. Shapka, J.D. & Keating, D.P. (2005). Structure and change in self-concept during adolescence. *Canadian Journal of Behavioral Science*, 37, 83-96.
16. Shapka, J. D., & Keating, D. P. (2003). Performance, persistence, and engagement in mathematics and science: Effects of a girls-only curriculum during adolescence. *American Educational Research Journal*, 40, 929-960.
17. Keating, D. P. (2000). Social capital and developmental health: Making the connection. *Developmental and Behavioral Pediatrics*, 21(1), 50-52.
18. Matthews, D. J., & Keating, D. P. (1999). What we are learning about how children learn and what this means for teachers. *Education Canada*, 39(1), 35-37.
19. Keating, D. P. (1998). Enhancing learning readiness: The family and the preschool child. *Transition*, 28(1), 13-14.
20. Ruck, M. D., Keating, D. P., Abramovitch, R. & Koegl, C. (1998). Adolescents' and children's knowledge about rights: Some evidence for how young people view rights in their own lives. *Journal of Adolescence*, 21, 275-289.
21. Ruck, M. D., Abramovitch, R., & Keating, D. P. (1998). Children's and adolescents' understanding of rights: Balancing nurturance and self-determination. *Child Development*, 64(2), 404-417.
22. Keating, D. P. (1996). Central conceptual structures: Seeking developmental integration. *Monographs of the Society for Research in Child Development*, 61(1-2, Serial No. 246).
23. Maton, K. I., Teti, D. M., Corns, K. M., VieiraBaker, C. C., Lavine, J. R., Gouze, K. R., & Keating, D. P. (1996). Cultural specificity of support sources, correlates and contexts: Three studies of African-American and Caucasian youth. *American Journal of Community Psychology*, 24 (4): 551-587.
24. Matthews, D. J., & Keating, D. P. (1995). Domain specificity and habits of mind: An investigation of patterns of high-level development. *Journal of Early Adolescence*, 15, 319-343.

25. Morrison, G. R., Morrison, S. R., & Keating, D. P. (1992). On estimating processing variance: Commentary and reanalysis of Kail's "Developmental functions for speeds of cognitive processes." *Journal of Experimental Child Psychology*, *54*, 288-307.
26. Keating, D. P. (1991). Curriculum options for the developmentally advanced: A developmental alternative for gifted education. *Exceptionality Education Canada*, *1*, 53-83.
27. Keating, D. P. (1990). Charting pathways to the development of expertise. *Educational Psychologist*, *25*, 243-267.
28. Keating, D. P., & Crane, L. L. (1990). Domain-general and domain-specific processes in proportional reasoning. *Merrill-Palmer Quarterly*, *36*, 411-424.
29. Keating, D. P. (1988). Byrnes' reformulation of Piaget's formal operations: Is what's left what's right? *Developmental Review*, *8*, 376-384.
30. Keating, D. P., List, J. A., & Merriman, W. E. (1985). Cognitive processing and cognitive ability: A multivariate validity investigation. *Intelligence*, *9*, 149-170.
31. List, J. A., Keating, D. P., & Merriman, W. E. (1985). Differences in memory retrieval: A construct validity investigation. *Child Development*, *56*, 138-151.
32. Merriman, W. E., Keating, D. P., & List, J. A. (1985). Mental rotation of facial profiles: Age-, sex-, and ability-related differences. *Developmental Psychology*, *21*, 888-900.
33. Miller, K., Perlmutter, M., & Keating, D. P. (1984). Cognitive arithmetic: Comparison of operations. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *10*, 46-60.
34. Antell, S. E., & Keating, D. P. (1983). Perception of numerical invariance in neonates. *Child Development*, *54*, 695-701.
35. Ford, M. E., & Keating, D. P. (1981). Developmental and individual differences in long-term memory retrieval: Process and organization. *Child Development*, *52*, 234-241.
36. Gnepp, J., Keating, D. P., & Masters, J. C. (1980). A peer system for academic advising. *Journal of College Student Personnel*, *21*, 370-372.
37. Keating, D. P., Keniston, A. H., Manis, F. R., & Bobbitt, B. L. (1980). Development of the search processing parameter. *Child Development*, *51*, 39-44.
38. Keating, D. P., & Clark, L. V. (1980). Development of physical and social reasoning in adolescence. *Developmental Psychology*, *16*, 23-30.
39. Manis, F. R., Keating, D. P., & Morrison, F. J. (1980). Developmental differences in the allocation of processing capacity. *Journal of Experimental Child Psychology*, *29*, 156-169.
40. Keating, D. P. (1980). Four faces of creativity: The continuing plight of the intellectually underserved. *Gifted Child Quarterly*, *24*, 56-61.
41. Gove, F. L., & Keating, D. P. (1979). Empathic role-taking precursors. *Developmental Psychology*, *15*, 594-600.
42. Keating, D. P., & Bobbitt, B. (1978). Individual and developmental differences in cognitive-processing components of mental ability. *Child Development*, *49*, 155-167.
43. Keating, D. P. (1978). A search for social intelligence. *Journal of Educational Psychology*, *70*, 218-223.
44. Keating, D. P. (1976). Finding future leaders. *American Scientist*, *64*(3), 252.
45. Keating, D. P. (1975). Precocious cognitive development at the level of formal operations. *Child Development*, *46*, 476-480.
46. Keating, D. P., & Caramazza, A. (1975). Effects of age and ability on syllogistic reasoning in early adolescence. *Developmental Psychology*, *11*(6), 837-842.

47. Keating, D. P., & Schaefer, R. A. (1975). Ability and sex differences in the acquisition of formal operations. *Developmental Psychology, 11*(4), 531-532.
48. Keating, D. P. (1975). Possible sampling bias in genetic studies of genius. *Educational and Psychological Measurement, 35*, 657-662.
49. Keating, D. P. (1975). The study of mathematically precocious youth. *Journal of Special Education, 9*, 45-62.
50. Keating, D. P. (1975). Testing those in the top percentiles. *Exceptional Children, 41*, 435-436.
51. Keating, D. P., & Stanley, J. C. (1972). Extreme measures for the exceptionally gifted in mathematics and science. *Educational Researcher, 1*, 3-5.

Under Review:

1. Miller, F. K. & Keating, D. P. (Submitted, *Canadian Journal of Community Mental Health*). Implementing an Evidence-Based Parent-Child Mental Health Program in a High Risk Community
2. Friedman, S., Scholnick, E. K., Bender, R. H., Vandergrift, N. Spieker, S., Hirsh-Pasek, K., Keating, D. P., Park, Y., and the NICHD Early Child Care Research Network. (Submitted, *Child Development*). An integrative model of family predictors and academic outcomes of executive function skills.

III: Chapters in Scholarly Publications

1. Keating, D. P., Siddiqi, A., & Nguyen, Q. (2012). Social Resilience in the Neoliberal Era: National Differences in Population Health and Development. In P. Hall & M. Lamont (Eds.), *Social Resilience in the Neo-Liberal Era*. New York: Cambridge Univ. Press.
2. Keating, D. P. (2011). Society and early child development: Developmental health disparities in the nature-and-nurture paradigm. In D. P. Keating (Ed.), *Nature and nurture in early child development*. New York: Cambridge Univ. Press.
3. Keating, D. P. (2011). Cognitive development. In B. B. Brown & M. Pearlstein (Eds.), *Encyclopedia of Adolescence*. Netherlands: Elsevier.
4. Keating, D. P. (2009). Social interactions in human development: Pathways to health and capabilities. In P. Hall & M. Lamont (Eds.), *Successful societies: Institutions, cultural repertoires and population health*. New York: Cambridge University Press.
5. Keating, D. P. & **Simonton, S. Z.** (2008). Developmental health effects of human development policies. In J. House, R. Schoeni, H. Pollack, & G. Kaplan (Eds.), *Making Americans Healthier: Social and economic policy as health policy*. (Pp. 61-94). New York: Russell Sage.
6. Keating, D. P. (2008). Developmental science and giftedness: An integrated lifespan framework. In F. Horowitz, D. Matthews, & R. Subotnik (Eds.), *The development of giftedness and talent across the life span*. Washington, D.C.: American Psychological Association.
7. Shapka, J.D., Domene, J.F., & Keating, D.P. (2008). Gender, mathematics achievement, and the educational and occupational aspirations of Canadian youth. In H. M. G. Watt and J. S. Eccles (Eds.), *Gender and occupational outcomes: Longitudinal assessment of individual, social, and cultural influences*. Washington, D.C.: American Psychological Association.

8. Steinberg, L., Dahl, R., Keating, D., Kupfer, D., Masten, A., & Pine, D. (2006). Psychopathology in adolescence: Integrating affective neuroscience with the study of context. In D. Cicchetti and D. Cohen (Eds.), *Developmental psychopathology, Vol. 2: Developmental neuroscience*. Pp. 710-741. New York: Wiley.
9. Zijdemans, A., Moore, G., Baecker, R., & Keating, D. P. (2005). ePresence interactive media and WebForum 2001: An accidental case study of the use of webcasting as a VLE for early child development. In J. Weiss, J. Nolan, & P. Trifonas (Eds.), *International handbook of virtual learning environments*. Dordrecht: Kluwer Academic Publishing.
10. Keating, D. P. (2004). Cognitive and brain development. In R. Lerner & L. Steinberg (Eds.), *Handbook of adolescent psychology*. New York: Wiley & Sons.
11. Boyce, W. T., & Keating, D. P. (2004). Should we intervene to improve childhood circumstances? In S. Ben-Shlomo & D. Kuh (Eds.), *A life course approach to chronic disease epidemiology*. Oxford: Oxford University Press.
12. Miller, F. K., Jenkins, J., & Keating, D. P. (2002). Socioeconomic status, parenting practices, and childhood disturbance. In J. D. Willms (Ed.), *Vulnerable children: Findings from the National Longitudinal Study of Children and Youth*. Edmonton: University of Alberta Press.
13. Keating, D. P., & Miller, F. K. (2000). The dynamics of emotional development: Models, metaphors, and methods. In M. D. Lewis & I. Granic (Eds.), *Emotion, development, and self-organization: Dynamic systems approaches to emotional development*. New York: Cambridge University Press. (pp. 373-392)
14. Keating, D. P., & Hertzman, C. (1999). Modernity's paradox. In D. P. Keating & C. Hertzman (Eds.), *Developmental health and the wealth of nations: Social, biological, and educational dynamics* (pp. 1-17). New York: Guilford.
15. Keating, D. P., & Miller, F. K. (1999). Individual pathways in competence and coping: From regulatory systems to habits of mind. In D. P. Keating & C. Hertzman (Eds.), *Developmental health and the wealth of nations: Social, biological, and educational dynamics* (pp. 220-233). New York: Guilford.
16. Keating, D. P. (1999). The learning society: A human development agenda. In D. P. Keating & C. Hertzman (Eds.), *Developmental health and the wealth of nations: Social, biological, and educational dynamics* (pp. 237-250). New York: Guilford.
17. Keating, D. P. (1999). Developmental health as the wealth of nations. In D. P. Keating & C. Hertzman (Eds.), *Developmental health and the wealth of nations: Social, biological, and educational dynamics* (pp. 337-347). New York: Guilford.
18. Keating, D. P. (1998). Human development in the learning society. In A. Hargreaves, A. Lieberman, M. Fullan, & D. Hopkins (Eds.), *International handbook of educational change* (Part 2, pp. 693-709). Dordrecht, The Netherlands: Kluwer.
19. Keating, D. P. (1996). Families, schools, and communities: Social resources for a learning society. In D. Ross (Ed.), *Family security in insecure times: Vol. 2. Perspectives/Vol. 3. Building a partnership of responsibility* (pp. 153-176). Ottawa, ON: Canadian Council on Social Development.
20. Keating, D. P. (1996). Habits of mind: Developmental diversity in competence and coping. {With commentary and reply by the author.} In D. K. Detterman (Ed.), *Current topics in human intelligence: Vol. 5. The environment* (pp. 31-44). Norwood, NJ: Ablex. (Reply: Human developmental diversity: A learning society perspective, pp. 211-215.)
21. Keating, D. P. (1996). Habits of mind for a learning society: Educating for human development. In D. R. Olson & N. Torrance (Eds.), *Handbook of education and human*

- development: New models of learning, teaching and schooling* (pp. 461-481). Oxford: Blackwell.
22. Keating, D. P., & MacLean, D. J. (1996). Competence and coping in adolescence: Developmental transitions and diversity. In D. Cicchetti & S. L. Toth (Eds.), *Rochester Symposium on Developmental Psychopathology: Vol. 7. Adolescence: Opportunities and challenges* (pp. 309-336). Rochester, NY: University of Rochester Press.
 23. Keating, D. P., & Mustard, J. F. (1996). The National Longitudinal Survey of Children and Youth: An essential element for building a learning society in Canada. In *Growing up in Canada: National Longitudinal Survey of Children and Youth* (pp. 7-13). Ottawa: Human Resources Development Canada and Statistics Canada.
 24. Keating, D. P., & Sasse, D. K. (1996). Cognitive socialization in adolescence: Critical period for a critical habit of mind. In G. Adams, R. Montemayor, & T. Gullotta (Eds.), *Psychosocial development during adolescence* (pp. 232-258). Thousand Oaks, CA: Sage Publications.
 25. Keating, D. P. (1995). The learning society in the information age. In S. A. Rosell (Ed.), *Changing maps: Governing in a world of rapid change* (pp. 205-229). Ottawa: Carleton University Press.
 26. Keating, D. P. (1995). The transformation of schooling: Dealing with developmental diversity. In J. Lupart, A. McKeough, & C. Yewchuck (Eds.), *Schools in transition: Rethinking regular and special education* (pp. 119-139). Toronto: Nelson.
 27. Keating, D. P. (1994). Contextualist theories of intelligence. In R. J. Sternberg, S. J. Ceci, J. Horn, E. Hunt, J. D. Matarazzo, & S. Scarr (Eds.), *Encyclopedia of human intelligence* (Vol. 1, pp. 293-298). New York: Macmillan.
 28. Keating, D. P. (1993). *Developmental determinants of health and well-being in children and youth* (Report to the Steering Committee on Children and Youth). Toronto, ON: Premier's Council on Health, Well-Being, and Social Justice.
 29. Keating, D. P. (1993). Developmental diversity in mathematical and scientific competence. In L. Penner, G. M. Batsche, H. M. Knoff, & D. L. Nelson (Eds.), *The challenge in mathematics and science education: Psychology's response* (pp. 315-339). Washington, DC: American Psychological Association.
 30. Keating, D. P., & Mustard, J. F. (1993). Social economic factors and human development. In D. Ross (Ed.), *Family security in insecure times* (Vol. 1, pp. 87-105). Ottawa, ON: National Forum on Family Security.
 31. Starr, R. H. Jr., MacLean, D. J., and Keating, D.P. (1991). Life-span developmental outcomes of child maltreatment. In R. H. Starr and D. A. Wolfe (Eds.), *The effects of child abuse and neglect: Research issues*. Guilford Press.
 32. Keating, D. P. (1990). Adolescent thinking. In S. Feldman & G. Elliott (Eds.), *At the threshold: The developing adolescent* (pp. 54-89). Cambridge, MA: Harvard University Press.
 33. Keating, D. P. (1990). Adolescent cognition. In R. M. Lerner, A. C. Petersen, & J. Brooks-Gunn (Eds.), *The encyclopedia of adolescence*. New York: Garland Publishing.
 34. Keating, D. P. (1990). Developmental processes in the socialization of cognitive structures. In *Entwicklung und Lernen: Beiträge zum Symposium anlässlich des 60. Geburtstages von Wolfgang Edelstein. (Development and learning: Proceedings of a symposium in honour of Wolfgang Edelstein on his 60th birthday.)* Berlin: Max Planck Institut für Bildungsforschung.

35. Keating, D. P. (1990). Structuralism, deconstruction, reconstruction: The limits of reasoning. In W. F. Overton (Ed.), *Reasoning, necessity, and logic: Developmental perspectives* (pp. 299-319). Hillsdale, NJ: Erlbaum.
36. Keating, D. P. (1990). Constructivism and diversity. In D. P. Keating & H. G. Rosen (Eds.), *Constructivist perspectives on developmental psychopathology and atypical development* (pp. 1-9). Hillsdale, NJ: Erlbaum.
37. Keating, D. P. (1988). Cognitive socialization across the life-span. In K. W. Schaie & C. Schooler (Eds.), *Social structure and aging: Psychological processes* (pp. 155-165). Hillsdale, NJ: Erlbaum.
38. Keating, D. P., & MacLean, D. J. (1988). Reconstruction in cognitive development: A post-structuralist agenda. In P. B. Baltes, D. L. Featherman, & R. M. Lerner (Eds.), *Life-span development and behavior* (Vol. 8, pp. 283-317). Hillsdale, NJ: Erlbaum.
39. Keating, D. P., & MacLean, D. J. (1987). Cognitive processing, cognitive ability, and development: A reconsideration. In P. A. Vernon (Ed.), *Speed of information-processing and intelligence* (pp. 239-270). Norwood, NJ: Ablex.
40. Keating, D. P. (1984). The emperor's new clothes: The "new look" in intelligence research. In R. Sternberg (Ed.), *Advances in the psychology of human intelligence* (Vol. 2, pp. 1-35). Hillsdale, NJ: Erlbaum.
41. Bobbitt, B. L., & Keating, D. P. (1983). A cognitive-developmental perspective for clinical research and practice. In P. Kendall (Ed.), *Advances in cognitive-behavioral research and therapy* (Vol. 2, pp. 195-239). New York: Academic Press.
42. Tapp, J. L., Gunnar, M., & Keating, D. P. (1983). Socialization: Three ages, three rule systems. In D. Perlman & C. Cozby (Eds.), *Social psychology and social action systems*. New York: Holt, Rinehart, & Winston.
43. Keating, D. P. (1982). Creative potential of mathematically precocious boys. Reprinted in: *Genius and eminence: The social psychology of creativity and exceptional achievement*, edited by R. S. Albert; Pergamon Press. [Original in *Intellectual Talent*, Chapter 13, 1976.]
44. Keating, D. P. (1980). Thinking processes in adolescence. In J. Adelson (Ed.), *Handbook of adolescent psychology* (pp. 211-246). New York: Wiley.
45. Keating, D. P. (1979). Toward a multivariate life-span theory of intelligence. In D. Kuhn (Ed.), *Intellectual development beyond childhood*. San Francisco: Jossey-Bass.
46. Keating, D. P. (1979). Secondary school programs. In A. H. Passow (Ed.), *78th Yearbook of the National Society for the Study of Education. The gifted and the talented: Their education and development* (pp. 186-198). Chicago: NSSE.
47. Keating, D. P. (1976). Discovering quantitative precocity. In *Intellectual talent*, Chapter 2.
48. Keating, D. P. (1976). A Piagetian approach to precocity. In *Intellectual talent*, Chapter 5.
49. Keating, D. P. (1974). The study of mathematically precocious youth. In *Mathematical talent*, Chapter 2.
50. Keating, D. P., Wiegand, S. J., & Fox, L. H. (1974). Behavior of mathematically precocious boys in a college classroom. In *Mathematical talent*, Chapter 9.
51. Weiss, D. S., Haier, R. J., & Keating, D. P. (1974). Personality characteristics of mathematically precocious boys. In *Mathematical talent*, Chapter 7.

IV: Reviews, Commentaries, and Technical Reports

1. Keating, D. P. (2010, March). Developmental Science and the Youth Justice System. Prepared for Department of Justice Canada, Ottawa, Canada.

2. Keating, D. P. (2001, November). Definition and Selection of Competencies from a human development perspective. In *Additional DeSeCo Expert Papers*, briefing materials prepared for DeSeCo's 2nd International Symposium. Neuchâtel, Switzerland: Swiss Federal Statistical Office.
3. Keating, D. P. (1998). The culture of adolescent risk taking. Review of *The culture of adolescent risk taking*, by Cynthia Lightfoot. *Journal of Applied Developmental Psychology*, 19 (4): 663-667.
4. Jenkins, J., & Keating, D. (1998). *Risk and resilience in six- and ten-year-old children* (Working Paper #W-98-23E, Applied Research Branch, Strategic Policy). Ottawa: Human Resources Development Canada.
5. Keating, D. P., & Shapka, J. D. (1998, April). *Pubertal change, cognitive change, and the development of psychopathology in adolescence. Vol. 1: The report*. Prepared for The MacArthur Foundation Research Network on Psychopathology and Development, Dallas, TX.
6. Keating, D. P., & Shapka, J. D. (1998, April). *Pubertal change, cognitive change, and the development of psychopathology in adolescence. Vol. 2: References with abstracts*. Prepared for The MacArthur Foundation Research Network on Psychopathology and Development, Dallas, TX.
7. Keating, D. P. (1995). Society's role in the development of young children. *Orbit*, 26, 14-16.
8. Keating, D. P. (1992). Developmental psychology: Principled applications. Review of *Ethics in applied developmental psychology: Emerging issues in an emerging field*, edited by C. B. Fisher and W. W. Tryon. *Contemporary Psychology*, 37, 902-903.
9. Keating, D. P. (1988). *Adolescents' ability to engage in critical thinking*. Madison, WI: National Center for Effective Secondary Schools, University of Wisconsin.
10. Keating, D. P. (1988). Child prodigies: Prophets or performers? Review of *Nature's Gambit*, by D. Feldman. *Contemporary Psychology*, 33, 755-756.
11. Keating, D. P., & MacLean, D. J. (1988). Some intelligent theories about intelligence in practice. Review of *Practical intelligence*, edited by R. K. Wagner and R. J. Sternberg. *Contemporary Psychology*, 33, 666-667.
12. Keating, D. P. (1988). Is genius ordinary? Review of *Creativity: Genius and other myths*, by R. W. Weisberg. *Contemporary Psychology*, 33, 15-16.
13. Keating, D. P. (1987). The gifted and talented: The state of the art, under development. Review of *The gifted and talented: Developmental perspectives*, edited by F. D. Horowitz and M. O'Brien. *Contemporary Psychology*, 32, 126-127.
14. Keating, D. P. (1985). Beyond Piaget: The evolving debate. Review of *Beyond formal operations*, edited by M. L. Commons, F. A. Richards, and C. Armon. *Contemporary Psychology*, 30, 449-450.
15. Keating, D. P. (1984). Creative paradoxes. Review of *Developmental approaches to giftedness and creativity*, edited by David H. Feldman. *Contemporary Psychology*, 29, 217-218.
16. Keating, D. P. (1983). A sympathetic view of adolescents. Review of *Adolescents in school and society*, by Gary M. Ingersoll. *Contemporary Psychology*, 28, 438-439.
17. Keating, D. P. (1980). Intelligence: Born again or dying out? Review of *Human intelligence*, edited by Robert J. Sternberg and Douglas K. Detterman. *Contemporary Psychology*, 25, 608-609.

18. Keating, D. P. (1980). Sternberg's sketchy theory: Defining details desired. *Behavioral and Brain Sciences*, 3, 595-596.
19. Keating, D. P. (1979). The acceleration/enrichment debate: Basic issues. In W. C. George, S. J. Cohn, and J. C. Stanley (Eds.), *Educating the gifted: Acceleration and enrichment*. Baltimore: Johns Hopkins University Press.
20. Keating, D. P. (1979). Piaget on knowing how versus knowing that. Review of *Success and understanding*, by Jean Piaget. *Contemporary Psychology*, 24, 688-689.
21. Keating, D. P. (1978). Adolescent development: A selective view. Review of *Adolescent development and the life tasks*, by G. J. Manaster, and *Adolescence*, by K. M. White and J. C. Speisman. *Contemporary Psychology*, 23(3), 169-171.
22. Keating, D. P. (1978). Review of *The gifted and the creative: A fifty-year perspective*, edited by J. C. Stanley, W. C. George, and C. H. Solano. *Gifted Child Quarterly*, 22, 167-170.
23. Keating, D. P. (1977). Review of *Understanding adolescence*, edited by James F. Adams. *Child Development Abstracts and Bibliography*, 51, 57-58.
24. Keating, D. P. (1975). Review of *Logical abilities in children*, Vol. 3, by Daniel Osherson. *American Journal of Psychology*, 90, 345-347.
25. Keating, D. P. (1975). Review of *Assessment of children's intelligence*, by Jerome Sattler. *American Educational Research Journal*, 12, 99-101.
26. Keating, D. P. (1975). Review of *Genetics and education*, by Arthur R. Jensen. *Educational and Psychological Measurement*, 35, 214-216.
27. Keating, D. P. (1975). Review of *Career education of the gifted and talented*, edited by K. B. Hoyt and J. Hebel. *Journal of Educational Studies*, 6, 242-243.
28. Keating, D. P. (1974). Review of *Evaluation: An introduction to research design*, by J. P. Moursund. *Educational and Psychological Measurement*, 34, 468-471.

V. Papers Presented at Refereed Conferences

1. Keating, D. P., Pilsner, J. R., Hu, H., Maslowsky, J., Ettinger, A., Sánchez B. N., Wright, R. O., Cantonwie, D., Lazarus, A., Lamadrid-Figueroa, L., Mercado-García, A., Téllez-Rojo, M. M., and Hernández-Avila, M. (2011, December). SES moderates the effect of lead on genomic methylation of DNA in cord blood. Poster presentation at National Academy of Sciences Sackler Colloquium. Irvine, CA.
2. Watt, H. M. G., Shapka, J. D., Morris, Z. A., Durik, A. M. & Keating, D. P. (2012, March). Gendered Motivational Processes Affecting High School Mathematics Participation, Educational Aspirations and Career Plans: A comparison of samples from Australia, Canada and the USA. Invited Symposium, Society for Research in Adolescence, Vancouver, BC.
3. Keating, D. P., Siddiqi, A., & Nguyen, Q. (2011, March). Social Disparities and National Academic Performance of Adolescents. Poster presentation at the Society for Research in Child Development, Montreal, QC
4. Keating, D. P., Houts, R. M., Morrison, F. J., & Steinberg, L.D. (2011, March). Executive Functioning and Cognitive Outcomes During Adolescence. Symposium presentation at the Society for Research in Child Development, Montreal, QC
5. Keating, D. P., Houts, R. M., Steinberg, L. D., & Morrison, F. J. (2010, March). Executive Function and Adolescent Risk Behavior in a National Sample. Symposium presentation at Society for Research in Adolescence, Philadelphia, PA.
6. Maslowsky, J., Buvinger, E., Keating, D. P., & Steinberg, L. D. (2010, March). Cost/Benefit Analysis Mediation of the Relationship Between Sensation Seeking and Risk

- Behavior. Symposium presentation at Society for Research in Adolescence, Philadelphia, PA.
7. Keating, D. P. (2009, April). National differences in developmental health: Levels and inequalities. Poster presented at the Society for Research in Child Development biennial meeting, Denver, Colorado.
 8. Maslowsky, J., Keating, D. P., Schulenberg, J., & Monk, C. S. (2009, April). Planned versus unplanned risk behavior: Evidence for proposed subtypes of risk taking in adolescence. Poster presented at the Society for Research in Child Development biennial meeting, Denver, Colorado.
 9. Keating, D. P. (2008, June). Adolescent thinking: What develops? Invited symposium for the Jean Piaget Society, Quebec City, Quebec.
 10. Maslowsky, J., Keating, D. P., Banich, M., Cauffman, E., Steinberg, L., & Woolard, J. (2008, March). Reasoned versus reactive risk taking: Unique contributions of impulsivity and risk assessment to adolescent risk behavior. Poster presented at the Society for Research on Adolescence biannual meeting, Chicago, Illinois.
 11. Friedman, S.L., Vandergrift, N., Spieker, S., Keating, D. P., Hirsh-Pasek, K.A., Park, Y., & Bender, R. H. (2007). First through fifth grade trajectories of Tower of Hanoi planning: Family and cognitive predictors, math and reading correlates.
 12. Shapka, J. D., Domene, J. F., & Keating, D. P. (2007). Career and educational aspirations across high school and post secondary for a Canadian sample.
 13. Keating, D. P. (2005). A practical agenda for human development: Offord's integrative model.
 14. Miller, F. K. & Keating, D. P. (2005). Delivery of an evidence based parent and child intervention program in a high risk community: Access, participation, and efficacy.
 15. Keating, D. P. (2003). Adolescent thinking: The next sensitive period. Invited Master Lecture, Society for Research in Child Development, Tampa, Florida, April.
 16. Keating, D. P. (2002). Developmental health and the wealth of nations. Invited Address, Division of Developmental Pediatrics, Royal Australasian College of Physicians, Brisbane, May.
 17. Shapka, J. D. & Keating, D. P. (2002). Growth curve analyses of adolescent mathematics achievement. International Society for the Study of Behavioral Development, Ottawa, August.
 18. Keating, D. P. (2000). Developmental health and the wealth of nations. Invited Address, Division 7 (Developmental Psychology), Annual Meeting of the American Psychological Association, Washington, D.C., August.
 19. Shapka, J. D., Hall, L. R., & Keating, D. P. (2000). Changes in the perceptions of parental expectations during high school: An evaluation of gender differences. Poster presentation at the biennial meeting of the Society for Research on Adolescence, Chicago, April.
 20. Shapka, J. D., Hall, L. R., & Keating, D. P. (1999). The impact of single-sex education on mathematics achievement: Beyond high school. Poster presented at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM, April.
 21. Hall, L. R., Shapka, J. D., & Keating, D. P. (1998). Gender stereotyped attitudes as predictors of adolescents' mathematics and science achievement. Poster presented at the 15th biennial conference of the International Society for the Study of Behavioural Development (ISSBD), Berne, Switzerland, July.
 22. Miller, F. K., Jenkins, J. M., & Keating, D. P. (1998). Testing a moderator model: Parenting and child psychopathology in a nationally representative sample of Canadian children. Poster

- presented at the 15th biennial conference of the International Society for the Study of Behavioural Development (ISSBD), Berne, Switzerland, July.
23. Shapka, J. D., Hall, L. R., & Keating, D. P. (1998). Adolescent pathways to mathematics engagement and performance. Poster to be presented at the 15th biennial conference of the International Society for the Study of Behavioural Development (ISSBD), Berne, Switzerland, July.
 24. Hall, L. R., Keating, D. P., & MacLean, D. J. (1998). Mathematics and science achievement in adolescence: The effects of life course goals and self-perceived competence. Poster presentation at the biennial meeting of the Society for Research on Adolescence, San Diego, February.
 25. Shapka, J., & Keating, D. P. (1998). Gender differences in the relationship between self-perceived competence and achievement in mathematics. Poster presentation at the meeting of the Society for Research on Adolescence, San Diego, February.
 26. Keating, D. P. (1997). Designs for a learning society. Paper presented at the meeting of the TeleLearning Research Network, Toronto, November.
 27. Anderson, B. J., Menna, R., & Keating, D. P. (1997). The development of wisdom in adolescence and young adulthood. Poster presentation at the annual meeting of the Canadian Psychological Association, Toronto, June.
 28. Keating, D. P., & Miller, F. K. (1997). Population indicators and developmental processes: Applications of the NLSCY. Paper presented at the annual meeting of the Canadian Psychological Association, Toronto, June.
 29. Miller, F. K., Keating, D. P., Marshment, R. P., & MacLean, D. J. (1997). Continuity in habits of mind: Emotion, attention and social self-regulation from infancy to early childhood. Paper presented at the biennial meeting of the Society for Research in Child Development, Washington, DC, April.
 31. Keating, D. P. (1996). Human development in a learning society. In L. Pearson (Chair), *Social organization and human development*. Symposium conducted at the 14th biennial conference of the International Society for the Study of Behavioural Development (ISSBD), Quebec City, August.
 32. Hall, L. R., Miller, F. K., Keating, D. P., & MacLean, D. J. (1996). Achievement and affiliation in adolescence: Goals and self-perceived competence. Poster presentation at the biennial conference of the International Society for the Study of Behavioural Development (ISSBD), Quebec City, August.
 33. Miller, F. K., Keating, D. P., MacLean, D. J., Marshment, R. P., & Keenan, T. R. (1996). The prediction of preschool cognitive competence from infant attentional, emotional, and social regulation. Poster presentation at the biennial conference of the International Society for the Study of Behavioural Development (ISSBD), Quebec City, August.
 34. MacLean, D. J., Sasse, D. K., Keating, D. P., Stewart, B. E., & Miller, F. K. (1995). All girls' mathematics and science instruction in early adolescence: Longitudinal effects. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA, April.
 35. MacLean, D. J., Miller, F. K., & Keating, D. P. (1995). Dating involvement and math course selection in adolescent males and females. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA, April.
 36. MacLean, D. J., Sasse, D. K., Keating, D. P., Miller, F. K., & Stewart, B. E. (1995). Achievement and persistence in mathematics during adolescence: The effects of attitudes,

- goals, and social support. Paper presented to the biennial meeting of the Society for Research in Child Development, Indianapolis, IN, March.
37. MacLean, D. J., Miller, F. K., Keenan, T., & Keating, D. P. (1995). Emotion and attention regulation in object permanence performance. Poster presentation at the meeting of the Society for Research in Child Development, Indianapolis, IN, March.
 38. Keating, D. P. (1994). Healthy communities: Foundations of a learning society. Building on Community Strengths in Support of Families and Children, Halifax, NS, June.
 39. MacLean, D. J., Keating, D. P., Miller, F., & Shuart, V. (1994). Adolescents' decisions to pursue mathematics and science: Social and psychological factors. Society for Research on Adolescence, San Diego, CA, February.
 40. Menna, R., Keating, D. P., & Oatley, K. (1994). Cognitive and emotional factors affecting stress reactivity of adolescents and young adults. Society for Research on Adolescence, San Diego, CA, February.
 41. Keating, D. P., & MacLean, D. J. (1993). Developmental pathways in adolescent health and well-being: Competence, coping, and consciousness. Seventh Rochester Symposium on Developmental Psychopathology: Adolescence: Opportunities and Challenges.
 42. Menna, R., & Keating, D. P. (1993). Coping with worries in adolescence and early adulthood: Developmental changes. American Psychological Association, Toronto, August.
 43. Keating, D. P. (1992). The transformation of schooling: Dealing with developmental diversity. Alberta Colloquium Series, University of Alberta and University of Calgary, September.
 44. Keating, D. P. (1992). Developmental models and human intelligence. Symposium at the American Psychological Association Centennial Convention on The Development of Intelligence -- The Next 100 Years. Washington, DC, August.
 45. Menna, R., & Keating, D. P. (1992). Coping with emotions in adolescence and early adulthood: Developmental changes. Canadian Psychological Association, Quebec City, June.
 46. Keating, D. P., Menna, R., & Matthews, S. (1992). Adolescent cognitive development in everyday life. Society for Research on Adolescence, Washington, DC.
 47. Keating, D. P. (1991). Developing a literate habit of mind. Invited Address, Kendon Smith Lecture Series on Psychology and Literacy, University of North Carolina at Greensboro, November.
 48. Keating, D. P. (1991). Developmental diversity in mathematical competence. Invited Address, American Psychological Association Conference on Contributions of Psychology to Mathematics Education, University of South Florida, Tampa, October.
 49. Keating, D. P., & MacLean, D. J. (1991). Social competence and social cognition in late adolescents and youth: What is the connection? Society for Research in Child Development (SRCD), Seattle, April.
 50. Keating, D. P., & Matthews, D. (1990). High-level competence: Domain-specific or general? Society for Research on Adolescence, Atlanta, March.
 51. Keating, D. P. (1989). Developmental processes in the socialization of cognitive structures. Invited Address at a Symposium in Honour of Wolfgang Edelstein, Max Planck Institute for Human Development and Education, West Berlin, June.
 52. Keating, D. P. (1989). Curriculum options for the developmentally advanced: A developmental alternative to gifted education. Alberta Colloquium Series on Giftedness, Universities of Alberta, Lethbridge, and Calgary, October.

53. Keating, D. P. (1989). Discussant of a symposium: How skills fit together: Insights from individual and developmental differences in cognitive development. SRCD, Kansas City, April.
54. MacLean, D. J., Keating, D. P., & Komandanski, L. (1989). The development of sex roles and behavioural styles in university women: Effects of age and parental behaviour. SRCD, Kansas City, April.
55. Keating, D. P. (1988). Adolescent thinking: A post-structuralist agenda. Invited Symposium, SRA, Alexandria, VA, March.
56. Gouze, K. R., Maton, K. I., Keating, D. P., & Strauss, D. (1987). Demographics and stress and coping in late adolescence. American Psychological Association (APA), August.
57. Keating, D. P. (1987). Gifted and talented: Developmental and socialization perspectives. Invited address, Minnesota Round Table in Early Education, University of Minnesota Center for Early Education and Development, Shakopee, MN, June.
58. Keating, D. P. (1986). Structuralism, deconstruction, reconstruction: The limits of reasoning. Invited Plenary Session, Sixteenth Annual Symposium of the Jean Piaget Society, Philadelphia, May.
59. Keating, D. P. (1986) Cognitive processing and cognitive development: Retrospect and prospect. Special Address, Conference on Human Development (CHD), Nashville, TN, April.
60. MacLean, D. J., & Keating, D. P. (1986). Adult memory performance: Knowledge vs. age differences. Paper presented at CHD, Nashville, TN, April.
61. Crane, L. L., & Keating, D. P. (1986). The limits of reasoning: Within-domain constraints. Paper presented at SRA, Madison, WI, March.
62. Gouze, K. R., Strauss, D., & Keating, D. P. (1986). Adolescent coping strategies: A developmental perspective. Paper presented at SRA, Madison, WI, March.
63. Fox, M. H., & Keating, D. P. (1984). When context becomes content: A case study of reading. Presented at Southeastern Conference on Human Development, Athens, GA, April.
64. Keating, D. P., List, J. A., & Merriman, W. E. (1983). Cognitive processing and cognitive ability: A multivariate validity investigation. Presented at SRCD, Detroit, April.
65. List, J. A., Keating, D. P., & Merriman, W. E. (1983). Differences in memory retrieval: A construct validity investigation. Presented at SRCD, Detroit, April.
66. Keating, D. P. (1983). Discussant of a symposium on Applied Developmental Psychology at the annual meeting of the APA, Anaheim, CA.
67. Keating, D. P. (1982). Cognitive growth in adolescence: The problem of context. Invited address, First Biennial Conference on Adolescent Research, University of Arizona, Tucson, October.
68. Keating, D. P. (1982). On the necessity of a political economy of human development. Critique of a symposium, "Report of the SRCD Congressional Science Fellows," Southeastern Conference on Human Development, Baltimore, April.
69. Keating, D. P. (1982). Social and moral development from a developmental and philosophical perspective: A critique. Chair and critic of a symposium at the American Educational Research Association (AERA) meeting, New York City, March.
70. Keating, D. P. (1981). Cognition, intelligence, and development: Enduring questions and current research. Invited address, Teachers of Psychology Conference of Maryland and Surrounding Areas. Essex Community College, March.

71. Keating, D. P. (1981). The case for an applied developmental psychology. Maryland Psychological Association, Towson State University, April.
72. Miller, K., Perlmutter, M. A., & Keating, D. P. (1980). Cognitive arithmetic: Relations between operations. Presented at the annual meeting of the APA, Montreal.
73. Keating, D. P. (1980). Adolescent cognitive development and stress adaptation. Invited paper presented at a conference sponsored by NIMH, Research Directions for Understanding Stress Reactivity and Stress Resistance in Adolescents, Bethesda, MD, September.
74. Keating, D. P., & Bobbitt, B. L. (1979). Development of cognitive processing efficiency: Internal vs. external search. Presented at an SRCD symposium, San Francisco. [Research symposium organized by D. Keating, including this paper and papers by F. Manis (see Manis, Keating, & Morrison) and M. Ford (see Ford & Keating).]
75. Keating, D. P. (1979). The formal operations construct: A critique. Discussant of a symposium, SRCD, San Francisco.
76. Keating, D. P. (1977). The acceleration-enrichment debate: Basic issues. Presented at a symposium of the AERA, New York.
77. Bobbitt, B. L., & Keating, D. P. (1977). Developmental and individual differences in long-term memory processing. Presented at AERA, New York.
78. Bobbitt, B. L., Keating, D. P., & Richardson, C. (1977). Developmental and individual differences in information processing components of mental ability. Presented at SRCD, New Orleans, LA.
79. Keating, D. P. (1976). A search for social intelligence. Presented at APA, Washington, DC.
80. Keating, D. P. (1973). Creative potential of mathematically precocious youth. Presented at APA, Montreal.
81. Keating, D. P., & Stanley, J. C. (1973). Discovering quantitative precocity. Presented at AERA, New Orleans.
82. Keating, D. P. (1972). The study of mathematically precocious youth. Presented at the American Association for the Advancement of Science, Washington, DC.
83. Keating, D. P., & Stanley, J. C. (1972). From eighth grade to selective college in one jump: Two cases in radical acceleration. Presented at AERA, Chicago, IL, March.

E. Honors

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| 1993 - | Fellow, Canadian Institute for Advanced Research |
| 1989 | Fellow, American Psychological Society |
| 1984 | Fellow, American Psychological Association (Division 7 [Developmental], Division 15 [Educational], and Division 37 [Child, Youth, and Family Services]) |
| 1987-1988 | Award for Excellence in Research, Mensa Education and Research Foundation |
| 1976 | American Psychological Association, Young Psychologist's Grant, International Congress of Psychology, Paris, France |
| 1975-1980 | Spencer Fellow, National Academy of Education |
| 1974 | Phi Beta Kappa |
| 1974 | Sigma Xi [Scientific Research Society of North America] |

F. Scholarly and Professional Activities

2010 - 2011 Section Editor, *Encyclopedia of Adolescence*. Elsevier.
 2009 Program Panel Chair (Cognitive Development), Society for Research on
 Adolescence Biennial Meeting
 2007 Program Panel Chair (Cognitive Development), Society for Research on
 Adolescence Biennial Meeting
 1998-2004 MacArthur Research Network on Adolescent Development and Juvenile Justice
 1998-2001 MacArthur Research Network on Development and Psychopathology
 1999- 2002 Editorial Board, *Journal of Cognition and Development*
 1995-1999 Editorial Board, *Cognitive Development*
 1992-1995 Member, Survey Design Committee, National Longitudinal Survey of Children
 and Youth (NLSCY), Human Resource Development Canada (HRDC)
 1988 -1994 Member, International Committee, Society for Research on Adolescence
 1993 Program Panel Chair, Society for Research on Adolescence
 1985-1988 USA/Canada Corresponding Editor, *Journal of Child Psychology and Psychiatry*
and allied disciplines
 1982-1992 Editorial Board, *Intelligence: An Interdisciplinary Journal*
 1986-1989 Editorial Board, *Journal of Applied Developmental Psychology*
 1983-1987 Consulting Editor, *Developmental Psychology*
 1985-1987 Member, Board of Directors, Jean Piaget Society
 1983-1987 Member, U. S. National Institutes of Health, Division of Research Grants, Study
 Section on Human Development and Aging
 1983 Chair, Program Committee, Division 7 (Developmental) of the American
 Psychological Association
 1983 Program Panel Chair, Society for Research in Child Development
 1982 Organizer and Chair, Seventh Biennial Southeastern Conference on Human
 Development
 1981 Consultant and co-author, *Child and Adolescent Development: Five-Year Plan*.
 U.S. National Institute of Child Health and Human Development.

Ad Hoc Consulting Editor: *American Psychologist, Child Development, Children and Youth
 Services Review, Developmental Psychology, Developmental
 Review, Human Development, International Journal of Behavior
 Development, Journal of Educational Psychology, Journal of
 Experimental Child Psychology, Journal of Public Health, Journal
 of Personality and Social Psychology, Psychological Bulletin,
 Journal of Experimental Child Psychology, Monographs of the
 Society for Research in Child Development, Review of Educational
 Research, Journal of Research in Adolescence.*

Ad Hoc Grant Reviewer: National Science Foundation, NIH, NIMH, NICHD (U.S.);
 NSERC, SSHRC, Network of Centers of Excellence (Canada)