

CURRICULUM VITAE

Daniel P. Keating

Professor of Psychology, Psychiatry, and Pediatrics
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A. Degrees:

- Ph.D. - The Johns Hopkins University (Psychology), 1974.
- M.A. - The Johns Hopkins University (Psychology), 1973.
- B.A. - College of the Holy Cross (Psychology), 1971.

B. Professional Positions

- 2004- Professor of Psychology (Developmental), Psychiatry, and Pediatrics; Research Professor, Survey Research Center, Institute for Social Research, University of Michigan
- 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 (CIFAR):
 - 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
- 1985 Visiting Scientist, Ma Planck Institute for Human Development and Education, West Berlin, FRG
- 1980-1983 Associate Professor of Psychology and Education, University of Maryland Baltimore County

1980-1987 Founding Director, Ph.D. Program in Applied Developmental Psychology,
University of Maryland Baltimore County

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:

2014-2021 National Institute of Child Health and Human Development (NICHD)
Neurodevelopmental Pathways in Adolescent Health Risk Behavior
Role: PI

2016-2023 National Institute of Environmental Health Science (NIEHS)
(Subcontract from Michigan State University)
Prenatal Exposures and Child Health Outcomes: A Statewide Study
Role: Co-Investigator

Completed:

2015-2016 Center for Advanced Transportation Leadership and Safety (ATLAS)
Circadian Timing, Drowsy Driving, and Health Risk Behavior in Novice
Adolescent Drivers
Role: PI

2011-2015 University Research Corridor (URC)
Bloodspot Environmental Epidemiology Project (BLEEP)
UM and Lead PI
(Co-PIs: N. Paneth, Michigan State U. & D. Ruden, Wayne State U.)

2013-2014 Society for Research in Child Development [SRCDD Conference Grant Proposal]
Relevance of Population Neuroscience for Understanding Human Development
Role: PI

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

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

2012-2013 NIH/ NICHD/ National Children's Study (NCS)
Michigan Alliance for the National Children's Study: 6-month Follow-on
Contract for Wayne County Study Location
Roles: Principal Investigator for the University of Michigan; Member, MANCS
Executive Committee
Overall MANCS PI: N. Paneth, Michigan State University

2007-2012 NIH/ NICHD/ National Children's Study (NCS):
Michigan Alliance for the National Children's Study
Roles: Principal Investigator for the University of Michigan; Location PI,
Lenawee County; Director of MANCS Neurodevelopmental Assessment Core;
Member, MANCS Executive Committee

- 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: Principal Investigator
- 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 Principal Investigator
- 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
Role: Principal Investigator
- 2001-2004 Change Foundation (Ontario Hospital Association), Aggression Problems in
Young Children: Early Intervention in a Community Based Approach
Co- Principal Investigator (with F. Miller)
- 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
Role: Program Director
- 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. **Keating¹**, D. P. (2017). [*Born Anxious: The Lifelong Impact of Early Life Adversity – and How to Break the Cycle*](#). New York: St. Martin’s Press.
[*Eleanor Maccoby Book Award for Developmental Psychology, American Psychological Association, 2019*]
2. **Keating**, D. P. (Ed.). (2011). [*Nature and nurture in early child development*](#). New York: Cambridge University Press. [Paperback version issued September 2012.]
3. **Keating**, D. P., & Hertzman, C. (Eds.). (1999). [*Developmental health and the wealth of nations: Social, biological, and educational dynamics*](#). New York: Guilford Press.
[Paperback version issued 2000.]
4. **Keating**, D. P., & Rosen, H. (Eds.). (1990). *Constructivist perspectives on developmental psychopathology and atypical development*. Hillsdale, NJ: Erlbaum.
5. Morrison, F. M., Lord, C. J., & **Keating**, D. P. (Eds.). (1989). *Applied developmental psychology*. Vol. III. New York: Academic Press.
6. Morrison, F. M., Lord, C. J., & **Keating** D. P. (Eds.). (1985). *Applied developmental psychology*. Vol. II. New York: Academic Press.
7. Morrison, F. M., Lord, C. J., & **Keating** D. P. (Eds.). (1984). *Applied developmental psychology*. Vol. I. New York: Academic Press.
8. **Keating**, D. P. (Ed.). (1976). *Intellectual talent: Research and development*. Baltimore: The Johns Hopkins University Press.
9. Stanley, J. C., **Keating**, D. P., & Fo, L. H. (Eds.). (1974). *Mathematical talent: Discovery, description, and development*. Baltimore: The Johns Hopkins University Press.

II: Peer Reviewed Journals

1. Demidenko, M., Huntley, E. D., Jahn, A., & **Keating**, D. P. (2020, in press). Cortical and subcortical response to the anticipation of reward in high and average risk-taking adolescents. *Developmental Cognitive Neuroscience*.
2. Demidenko, M., Ip, K.I., Kelly, D., Constante, K., Goetschius, L. G., & **Keating**, D. P. (2020, Preregistered Report Stage 1). Ecological stress, amygdala reactivity, and internalizing problems in preadolescence: Is parenting a buffer? *Cortex*.
3. Huntley, E. D., Marusak, H. A., Berman, S. E., Zundel, C. G., Hatfield, J. R. B., **Keating**, D. P., & Rabinak, C. A. (2020, in press). Adolescent substance use and functional connectivity between the ventral striatum and hippocampus. *Behavioural Brain Research*. 112678. doi: <https://doi.org/10.1016/j.bbr.2020.112678>
4. Zinn, M. E., Huntley, E. D., & **Keating**, D. P. (2020). Resilience in adolescence: Prospective Self moderates the association of early life adversity with externalizing problems. *Journal of Adolescence*, 81, 61-72. doi: <https://doi.org/10.1016/j.adolescence.2020.04.004>
5. Maslowsky, M., Owotomo, O., Huntley, E. D., & **Keating**, D. K. (2019). Adolescent Risk Behavior: Differentiating Reasoned and Reactive Risk-taking. *Journal of Youth and Adolescence*, 48: 243-255. doi:10.1007/s10964-018-0978-3

¹ In bold/italic for ease of reference in multi-author publications.

6. Demidenko, M., Huntley, E. D., **Keating**, D. K. (2019) Adolescent Health Risk Behaviors: Convergent, Discriminant and Predictive Validity of Self-Report & Cognitive Measures. *Journal of Youth and Adolescence*, 48: 1765-1783. doi: 10.1007/s10964-019-01057-4.
7. **Keating**, D. P., (2016). The transformative role of epigenetics in child development research, *Child Development*, 87(1), 135-142.
8. **Keating**, D. P. (2016). Social inequality in population developmental health: An equity and justice issue. *Advances in Child Development and Behavior*, 50, 75-104.
9. Ruck, M. D., **Keating**, D. P., Saewyc, E. M., Earls, F., & Ben-Arieh, A. (2016). The United Nations Convention on the Rights of the Child: Its relevance for adolescents. *Journal of Research on Adolescence*, 26(1), 16-29.
10. Mehta, S., Kerver, J. M., Sokol, R. J., **Keating**, D. P., & Paneth, N. (2014). The association between maternal obesity on neurodevelopmental outcomes of offspring. *Journal of Pediatrics*, 165(5), 891-6
11. Friedman, S., Scholnick, E. K., Bender, R. H., Vandergrift, N. Spieker, S., Hirsh-Pasek, K., **Keating**, D. P., Park, Y., & the NICHD Early Child Care Research Network. (2014). Planning in middle childhood: Early predictors and later outcomes. *Child Development*, 85(4), 1446-1460.
12. Falk, E. B., Hyde, L. W., Mitchell, C., Faul, J., Gonzalez, R., Heitzeg, M. M., **Keating**, D. P., Langa, K., Martz, M. E., Maslowsky, J., Morrison, F. J., Noll, D. C., Patrick, M., Pfeffer, F. T., Reuter-Lorenz, P. A., Thomason, M. E., Davis-Kean, P., Monk, C. S., & Schulenberg, J. (2013). Neuroscience meets population science: What is a representative brain? *Proceedings of the National Academy of Science*, 110(44), 17615–17622.
13. Kerver, J. M., Elliott, M. R., Norman, G. S., Sokol, R. J., **Keating**, D. P., Copeland, G. E., Johnson, C. C., Cislo, K. K., Alcsér, K. H., Kruger-Ndiaye, S., Pennell, B., Mehta, S., Joseph, C. L. M., Paneth, N., & MANCS Executive Committee. (2013). Pregnancy recruitment for population research: The National Children’s Study Vanguard experience in Wayne County, Michigan. *Pediatric Perinatal Epidemiology*, 27(3), 303-311.
14. Miller, F. K. & **Keating**, D. P. (2013). Implementing an evidence-based parent-child mental health program in a high-risk community. *Canadian Journal of Community Mental Health*, 32(1), 139-153.
15. Siddiqi, A., Kawachi, I., **Keating**, D. P., & Hertzman, C., (2013). A comparative study of population health in the United States and Canada during the Neoliberal Era, 1980-2008. *International Journal of Health Services*, 43(2), 193-216.
16. **Keating**, D. P. (2012). Cognitive and brain development. *Enfance*, 3, 267-279.
17. 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*, 48(6), 1594-1611.
18. 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.
19. Maslowsky, J., Buvinger, E., **Keating**, D. P., Cauffman, E., & Steinberg, L. D. (2011). Cost-benefit analysis mediation of the relationship between sensation seeking and risk behavior. *Personality and Individual Differences*, 51(7), 802-806.

20. 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.
21. 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.
22. 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.
23. **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.
24. **Keating**, D. P. (2007). Formative evaluation of the Early Development Instrument: Progress and prospects. *Early Education and Development*, 18(3), 561-570.
25. **Keating**, D. P. (2007). Understanding adolescent development: Implications for driving safety. *Journal of Safety Research*, 38(2), 147-157.
26. Runions, K. C. L. & **Keating**, D. P. (2007). Young children's social information processing: Family antecedents and behavioral correlates. *Developmental Psychology*, 43(4), 838-849.
27. 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.
28. 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.
29. 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
30. Shapka, J. D. & **Keating**, D. P. (2005). Structure and change in self-concept during adolescence. *Canadian Journal of Behavioral Science*, 37, 83-96.
31. 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.
32. **Keating**, D. P. (2000). Social capital and developmental health: Making the connection. *Developmental and Behavioral Pediatrics*, 21(1), 50-52.
33. 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.
34. **Keating**, D. P. (1998). Enhancing learning readiness: The family and the preschool child. *Transition*, 28(1), 13-14.
35. 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.
36. 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.

37. **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).
38. 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.
39. 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.
40. 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.
41. **Keating**, D. P. (1991). Curriculum options for the developmentally advanced: A developmental alternative for gifted education. *Exceptionality Education Canada*, 1, 53-83.
42. **Keating**, D. P. (1990). Charting pathways to the development of expertise. *Educational Psychologist*, 25, 243-267.
43. **Keating**, D. P., & Crane, L. L. (1990). Domain-general and domain-specific processes in proportional reasoning. *Merrill-Palmer Quarterly*, 36, 411-424.
44. **Keating**, D. P. (1988). Byrnes' reformulation of Piaget's formal operations: Is what's left what's right? *Developmental Review*, 8, 376-384.
45. **Keating**, D. P., List, J. A., & Merriman, W. E. (1985). Cognitive processing and cognitive ability: A multivariate validity investigation. *Intelligence*, 9, 149-170.
46. List, J. A., **Keating**, D. P., & Merriman, W. E. (1985). Differences in memory retrieval: A construct validity investigation. *Child Development*, 56, 138-151.
47. 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.
48. Miller, K., Perlmutter, M., & **Keating**, D. P. (1984). Cognitive arithmetic: Comparison of operations. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 10, 46-60.
49. Antell, S. E., & **Keating**, D. P. (1983). Perception of numerical invariance in neonates. *Child Development*, 54, 695-701.
50. Ford, M. E., & **Keating**, D. P. (1981). Developmental and individual differences in long-term memory retrieval: Process and organization. *Child Development*, 52, 234-241.
51. Gnepp, J., **Keating**, D. P., & Masters, J. C. (1980). A peer system for academic advising. *Journal of College Student Personnel*, 21, 370-372.
52. **Keating**, D. P., Keniston, A. H., Manis, F. R., & Bobbitt, B. L. (1980). Development of the search processing parameter. *Child Development*, 51, 39-44.
53. **Keating**, D. P., & Clark, L. V. (1980). Development of physical and social reasoning in adolescence. *Developmental Psychology*, 16, 23-30.
54. 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.
55. **Keating**, D. P. (1980). Four faces of creativity: The continuing plight of the intellectually underserved. *Gifted Child Quarterly*, 24, 56-61.
56. Gove, F. L., & **Keating**, D. P. (1979). Empathic role-taking precursors. *Developmental Psychology*, 15, 594-600.

57. **Keating**, D. P., & Bobbitt, B. (1978). Individual and developmental differences in cognitive-processing components of mental ability. *Child Development*, *49*, 155-167.
58. **Keating**, D. P. (1978). A search for social intelligence. *Journal of Educational Psychology*, *70*, 218-223.
59. **Keating**, D. P. (1976). Finding future leaders. *American Scientist*, *64*(3), 252.
60. **Keating**, D. P. (1975). Precocious cognitive development at the level of formal operations. *Child Development*, *46*, 476-480.
61. **Keating**, D. P., & Caramazza, A. (1975). Effects of age and ability on syllogistic reasoning in early adolescence. *Developmental Psychology*, *11*(6), 837-842.
62. **Keating**, D. P., & Schaefer, R. A. (1975). Ability and sex differences in the acquisition of formal operations. *Developmental Psychology*, *11*(4), 531-532.
63. **Keating**, D. P. (1975). Possible sampling bias in genetic studies of genius. *Educational and Psychological Measurement*, *35*, 657-662.
64. **Keating**, D. P. (1975). The study of mathematically precocious youth. *Journal of Special Education*, *9*, 45-62.
65. **Keating**, D. P. (1975). Testing those in the top percentiles. *Exceptional Children*, *41*, 435-436.
66. **Keating**, D. P., & Stanley, J. C. (1972). Extreme measures for the exceptionally gifted in mathematics and science. *Educational Researcher*, *1*, 3-5.

III. Papers in Progress/Under Review

1. Constante, K., Huntley, E., Schillinger, E., Wagner, C., & **Keating**, D. (2019). Conceptualizing Protective Family Context and Its effect on Substance Use: Comparisons Across Diverse Ethnic-Racial Youth. PsyArXiv. [Preprint]. October 29, 2019. Available from: <https://doi.org/10.31234/osf.io/abfs3> [Submitted to *Substance Abuse*]
2. Demidenko, M. I., Ganesan, K., Weigard, A. S., Jang, H., Jahn, A., Huntley, E. D., & **Keating**, D. P. (2020). Interactions Between Methodological and Interindividual Variability: How Monetary Incentive Delay (MID) Task Contrast Maps Vary, and Impact Associations with Behavior. PsyArXiv. [Preprint]. April 2, 2020. Available from <https://psyarxiv.com/9fasc/> [Submitted to *Neuroimage*.]
3. **Keating**, D. P., Demidenko, M. I., & Kelly, D. P. (Invited chapter in preparation). Cognition in adolescence and the transition to adulthood. In L. Crockett, G. Carlo, & J. Schulenberg (Eds.), *Handbook of Adolescent and Young Adult Development*. Washington, D. C.: American Psychological Association.

IV: Chapters in Scholarly Publications

1. **Keating** D.P., I. Demidenko M., Kelly D. (2019). Cognitive and Neurocognitive Development in Adolescence. In Reference Module in Neuroscience and Biobehavioral Psychology, Elsevier. ISBN 9780128093245
2. **Keating**, D. P. (2017). The Evolving Capacities of the Child: Neurodevelopment and Children's Rights. In M. D. Ruck, M. Peterson-Badali & M. Freeman (Eds.), *Handbook of Children's Rights: Global and Multidisciplinary Perspectives* (184-199). Abingdon, UK: Taylor and Francis.
3. **Keating**, D. P. (2014). Adolescent thinking in action: Minds in the making. In J. Brooks-Gunn, R. M. Lerner, A. C. Petersen, & R. K. Silbereisen (Eds.), *The developmental*

- science of adolescence: History through autobiography* (pp. 257-266). NY: Psychology Press.
4. **Keating**, D. P., Siddiqi, A., & Nguyen, Q. (2013). 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.
 5. **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.
 6. **Keating**, D. P. (2011). Cognitive development. In B. B. Brown & M. Pearlstein (Eds.), *Encyclopedia of Adolescence*. Netherlands: Elsevier.
 7. **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.
 8. **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.
 9. **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.
 10. 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.
 11. 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.
 12. 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.
 13. **Keating**, D. P. (2004). Cognitive and brain development. In R. Lerner & L. Steinberg (Eds.), *Handbook of adolescent psychology*. New York: Wiley & Sons.
 14. 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.
 15. 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.
 16. **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* (pp. 373-392). New York: Cambridge University Press.

17. **Keating**, D. P., & Hertzman, C. (1999). Modernity's parado. 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.
18. **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.
19. **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.
20. **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.
21. **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.
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52. **Keating**, D. P. (1974). The study of mathematically precocious youth. In *Mathematical talent*, Chapter 2.
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V: 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, T.
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, T.
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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.
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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. Hebler. *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.

VI. Papers Presented at Refereed Conferences and Invited Addresses

1. Demidenko, M., Weigard, A., Huntley, E. D., Keating, D. P., Beltz, A. M. (2020). Resting state neural network correlates of heterogeneous adolescent behavior. Paper accepted for Society for Research on Adolescence Biennial Conference. Conference canceled due to COVID-19
2. Demidenko, M., Huntley, E. D., Jahn, A., Monk, C. S., Thomason, M., and Keating, D. P. (2020). Differences in Cortical and Subcortical Activation to Reward Anticipation in High- and Low-Risk Behavior Adolescents. Paper accepted for Society for Research on Adolescence 2020 Biennial Conference. Conference canceled due to COVID-19
3. Constante, K., Huntley, E. D., Keating, D. P., and Rivas-Drake, D. (2020). Ethnic Identity through a Social Reorientation Lens: Conceptualizing links with Future Orientation and Resisting Peer Influence. Paper accepted for Society for Research on Adolescence Biennial Conference. Conference canceled due to COVID-19.
4. Nasr, Hani, Huntley, Edward D., Demidenko, Michael, Wagner, Christine, Churchill, Sarah, and Keating, Daniel P. (2020). The Effect of Insufficient Sleep on Neural Reward Activation in Adolescents. Paper accepted for Society for Research on Adolescence Biennial conference. Conference canceled due to COVID-19.
5. Miller, F., Huntley, E. D., Wagner, C., and Keating, D. P. Parenting and Family Processes Reported by Adolescent Psychiatric Inpatients Compared with a Community Sample. (2020). Accepted for Society for Research on Adolescence 2020 Biennial conference. Conference canceled due to COVID-19.
6. Keating, D. P. (October, 2018). The lifelong impact of early adversity – and how to break the cycle. Keynote Address, CASA Institute, Dallas, Teas.
7. Churchill, S. Huntley, E. D., Demidenko, M., Keating, D.P. (2019). The Impact of Habitual Sleep on Adolescent Neural Reward Activation. Paper presented at the Society for Research in Child Development Biennial Meeting Baltimore, MD.
8. Demidenko, M., Hatfield, J., Huntley, E. D., Keating, D.P. (2019). Nucleus Accumbens Activation Differs Across Sensation-seeking and Age. Paper presented at the Society for Research in Child Development Biennial Meeting Baltimore, MD.
9. Scheuing, C., Huntley, E. D., Wagner, C., Churchill, S., Hatfield, J., Keating, D.P. (2019). The Role of Sleep Variability in Adolescent Error Monitoring. Paper presented at the Society for Research in Child Development Biennial Meeting Baltimore, MD.
10. Demidenko, M., Huntley, E. D., Keating, D.P. (2019). Effects of Early Life Adversity on Alcohol and Marijuana use in a Longitudinal Sample of Adolescents. Paper presented at the Society for the Study of Human Development. Portland, OR.
11. Schillinger, E., Huntley, E. D., Keating, D.P. (2019). Temporal Associations Between Reasons for Alcohol Use and Alcohol Consequences in Emerging Adults. Paper presented at the Society for the Study of Emerging Adulthood Biennial Meeting Toronto, ON.
12. Wagner, C., Demidenko, M., Huntley, E. D., Keating, D.P. (2019). Early Life Adversity Effects Sexual Behaviors in Adolescents over Transitional Period into Adulthood. Paper presented at the Society for the Study of Emerging Adulthood Biennial Meeting Toronto, ON.
13. Eastman, A., Huntley, E.D., Keating, D.P. (2018). Adolescent Psychopathology and Substance Use: The Moderating Effect of Prospective Self. Paper presented at the Society for Research on Adolescence Biennial Meeting Minneapolis, MN.

14. Grimaldi, K. Huntley, E.D., Keating, D.P. (2018). The Longitudinal Role of Parental Involvement and Monitoring in Predicting Alcohol-Related Health Risk Behavior in Adolescents. Paper presented at the Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
15. Zinn, M.E., Huntley, E.D., Keating, D.P. (2018). University of Michigan; Edward Huntley, University of Michigan; Daniel Keating, Does a Sense of Prospective Self Moderate the Effects of Childhood Adversity on Psychopathology in Adolescence. Paper presented at the Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
16. Demidenko, M., Huntley, E.D., Keating, D.P. (2018). Group Differences in Performance on Balloon Analogue Risk Taking Task in Alcohol and/or Marijuana Using Adolescents. Paper presented at the Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
17. Demidenko, M., Huntley, E.D., Keating, D.P. (2018). Performance Differences on Balloon Analogue Risk Taking Task in Binge Drinking and/or Marijuana Using Adolescents. Paper presented at the Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
18. Keating, D. P. (March, 2018). The lifelong impact of early adversity – and how to break the cycle. Keynote Address, Community ENgaged Teas Research ALliance (CENTRAL), University of Texas, Austin.
19. Demidenko, M., Huntley, E. D., Hatfield, J. & Keating, D. P. (2018). Group Differences in Performance on Balloon Analogue Risk Taking Task in Alcohol and/or Marijuana Using Adolescents. Paper presented at Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
20. Demidenko, M., Huntley, E. D., Hatfield, J. & Keating, D. P. (2018). Performance Differences on Balloon Analogue Risk Taking Task in Binge Drinking and/or Marijuana Using Adolescents. Paper presented at Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
21. Eastman, A., Huntley, E. D., & Keating, D. P. (2018). Adolescent Psychopathology and Substance Use: The Moderating Effect of Prospective Self. Paper presented at Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
22. Grimaldi, K., Huntley, E. D., & Keating, D. P. (2018). The Longitudinal Role of Parental Involvement and Monitoring in Predicting Alcohol-Related Health Risk Behavior in Adolescents. Paper presented at Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
23. Zinn, M. E., Huntley, E. D., & Keating, D. P. (2018). Does a Sense of Prospective Self Moderate the Effects of Childhood Adversity on Psychopathology in Adolescence? Paper presented at Society for Research on Adolescence Biennial Meeting Minneapolis, MN.
24. Keating, D. P. (2017, May). The lifelong impact of early adversity – and how to break the cycle. Lipsitt-Duchin Annual Lecture, Brown University, Providence, RI
25. Keating, D. P. (2017, April). Population based perspectives on child development. Panelist, Paper presented at the Society for Research in Child Development Biennial Meeting Austin, T.
26. Grimaldi, K. A., Huntley, E. D., & Keating, D. P. (April, 2017). The Role of Parental Involvement and Monitoring in Alcohol-Related Adolescent Health Risk Behavior. Paper presented at the Society for Research in Child Development Biennial Meeting Austin, T.
27. Huntley, E. D., Walton, H., Limb, S., Arnedt, J. T., Simons-Morton, B., Maslowsky, J., & Keating, D. P. (April, 2017). Predictors of drowsy driving frequency among adolescent

- drivers. Paper presented at the Society for Research in Child Development Biennial Meeting Austin, T.
28. Constante Toala, K., Huntley, E. D., & Keating, D. P. (April, 2017). Supportive Family Contet and Youth Health Risk Behaviors. Paper presented at the Society for Research in Child Development Biennial Meeting Austin, T.
 29. Maslowsky, J., Owotomo, O., Huntley, E. D., & Keating, D. P. (April, 2017). Characterizing planning and risk/benefit assessment in a wide range of adolescent risk behaviors. Paper presented at the Society for Research in Child Development Biennial Meeting Austin, T.
 30. Slawinski, B., Talge, N., Glazier, A., Kerver, J., Berger, N., Ingersoll, B., Atkinson, S., DeBusschere, K., Keating, D., Mehta, S., Sokol, R., & Paneth, N. (2016, May) Size at birth and its association with childhood behavioral problems: The role of cognitive processing. Poster presented at the 28th annual convention for the Association for Psychological Science, Chicago, IL.
 31. 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.
 32. 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.
 33. 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
 34. 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
 35. 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.
 36. 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.
 37. 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.
 38. 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.
 39. Keating, D. P. (2008, June). Adolescent thinking: What develops? Invited symposium for the Jean Piaget Society, Quebec City, Quebec.
 40. 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 Biennial meeting, Chicago, Illinois.

41. 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.
42. Shapka, J. D., Domene, J. F., & Keating, D. P. (2007). Career and educational aspirations across high school and post-secondary for a Canadian sample.
43. Keating, D. P. (2005). A practical agenda for human development: Offord's integrative model.
44. 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.
45. Keating, D. P. (2003). Adolescent thinking: The net sensitive period. Invited Master Lecture, Society for Research in Child Development, Tampa, Florida, April.
46. Keating, D. P. (2002). Developmental health and the wealth of nations. Invited Address, Division of Developmental Pediatrics, Royal Australasian College of Physicians, Brisbane, May.
47. Shapka, J. D. & Keating, D. P. (2002). Growth curve analyses of adolescent mathematics achievement. International Society for the Study of Behavioral Development, Ottawa, August.
48. 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.
49. 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.
50. Shapka, J. D., Hall, L. R., & Keating, D. P. (1999). The impact of single-se education on mathematics achievement: Beyond high school. Poster presented at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM, April.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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.

56. Keating, D. P. (1997). Designs for a learning society. Paper presented at the meeting of the TeleLearning Research Network, Toronto, November.
57. 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.
58. 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.
59. 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.
61. 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.
62. 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.
63. 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.
64. 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.
65. 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.
66. 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.
67. 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.
68. Keating, D. P. (1994). Healthy communities: Foundations of a learning society. Building on Community Strengths in Support of Families and Children, Halifax, NS, June.
69. 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.
70. 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.

71. 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.
72. Menna, R., & Keating, D. P. (1993). Coping with worries in adolescence and early adulthood: Developmental changes. American Psychological Association, Toronto, August.
73. Keating, D. P. (1992). The transformation of schooling: Dealing with developmental diversity. Alberta Colloquium Series, University of Alberta and University of Calgary, September.
74. Keating, D. P. (1992). Developmental models and human intelligence. Symposium at the American Psychological Association Centennial Convention on the Development of Intelligence -- The Net 100 Years. Washington, DC, August.
75. Menna, R., & Keating, D. P. (1992). Coping with emotions in adolescence and early adulthood: Developmental changes. Canadian Psychological Association, Quebec City, June.
76. Keating, D. P., Menna, R., & Matthews, S. (1992). Adolescent cognitive development in everyday life. Society for Research on Adolescence, Washington, DC.
77. 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.
78. 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.
79. 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.
80. Keating, D. P., & Matthews, D. (1990). High-level competence: Domain-specific or general? Society for Research on Adolescence, Atlanta, March.
81. Keating, D. P. (1989). Developmental processes in the socialization of cognitive structures. Invited Address at a Symposium in Honour of Wolfgang Edelstein, Ma Planck Institute for Human Development and Education, West Berlin, June.
82. 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.
83. 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.
84. 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.
85. Keating, D. P. (1988). Adolescent thinking: A post-structuralist agenda. Invited Symposium, SRA, Alexandria, VA, March.
86. 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.
87. 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.

88. Keating, D. P. (1986). Structuralism, deconstruction, reconstruction: The limits of reasoning. Invited Plenary Session, Siteenth Annual Symposium of the Jean Piaget Society, Philadelphia, May.
89. Keating, D. P. (1986) Cognitive processing and cognitive development: Retrospect and prospect. Special Address, Conference on Human Development (CHD), Nashville, TN, April.
90. MacLean, D. J., & Keating, D. P. (1986). Adult memory performance: Knowledge vs. age differences. Paper presented at CHD, Nashville, TN, April.
91. Crane, L. L., & Keating, D. P. (1986). The limits of reasoning: Within-domain constraints. Paper presented at SRA, Madison, WI, March.
92. Gouze, K. R., Strauss, D., & Keating, D. P. (1986). Adolescent coping strategies: A developmental perspective. Paper presented at SRA, Madison, WI, March.
93. Fo, M. H., & Keating, D. P. (1984). When contet becomes content: A case study of reading. Presented at Southeastern Conference on Human Development, Athens, GA, April.
94. Keating, D. P., List, J. A., & Merriman, W. E. (1983). Cognitive processing and cognitive ability: A multivariate validity investigation. Presented at SRCDD, Detroit, April.
95. List, J. A., Keating, D. P., & Merriman, W. E. (1983). Differences in memory retrieval: A construct validity investigation. Presented at SRCDD, Detroit, April.
96. Keating, D. P. (1983). Discussant of a symposium on Applied Developmental Psychology at the annual meeting of the APA, Anaheim, CA.
97. Keating, D. P. (1982). Cognitive growth in adolescence: The problem of contet. Invited address, First Biennial Conference on Adolescent Research, University of Arizona, Tucson, October.
98. Keating, D. P. (1982). On the necessity of a political economy of human development. Critique of a symposium, "Report of the SRCDD Congressional Science Fellows," Southeastern Conference on Human Development, Baltimore, April.
99. 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.
100. Keating, D. P. (1981). Cognition, intelligence, and development: Enduring questions and current research. Invited address, Teachers of Psychology Conference of Maryland and Surrounding Areas. Esse Community College, March.
101. Keating, D. P. (1981). The case for an applied developmental psychology. Maryland Psychological Association, Towson State University, April.
102. Miller, K., Perlmutter, M. A., & Keating, D. P. (1980). Cognitive arithmetic: Relations between operations. Presented at the annual meeting of the APA, Montreal.
103. 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.
104. Keating, D. P., & Bobbitt, B. L. (1979). Development of cognitive processing efficiency: Internal vs. eternal search. Presented at an SRCDD 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).]
105. Keating, D. P. (1979). The formal operations construct: A critique. Discussant of a symposium, SRCDD, San Francisco.

106. Keating, D. P. (1977). The acceleration-enrichment debate: Basic issues. Presented at a symposium of the AERA, New York.
107. Bobbitt, B. L., & Keating, D. P. (1977). Developmental and individual differences in long-term memory processing. Presented at AERA, New York.
108. 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.
109. Keating, D. P. (1976). A search for social intelligence. Presented at APA, Washington, DC.
110. Keating, D. P. (1973). Creative potential of mathematically precocious youth. Presented at APA, Montreal.
111. Keating, D. P., & Stanley, J. C. (1973). Discovering quantitative precocity. Presented at AERA, New Orleans.
112. Keating, D. P. (1972). The study of mathematically precocious youth. Presented at the American Association for the Advancement of Science, Washington, DC.
113. 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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| 2019 | Eleanor Maccoby Book Award for Developmental Psychology, American Psychological Association, Division 7 |
| 2001 – 2005 | Inaugural Chair, Atkinson Foundation Professor of Early Child Development and Education, University of Toronto |
| 2004 | Innovations in Early Childhood Development Research, George Brown – The Toronto City College |
| 1993 - 2012 | 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

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| 2010 - 2011 | Section Editor, <i>Encyclopedia of Adolescence</i> . 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, <i>Journal of Cognition and Development</i> |
| 1995-1999 | Editorial Board, <i>Cognitive Development</i> |

- 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, Cognitive Development, Development and Psychopathology, Developmental Psychology, Developmental Review, Human Development, International Journal of Behavior Development, Journal of Adolescent Health Research, Journal of Educational Psychology, Journal of Experimental Child Psychology, Journal of Personality and Social Psychology, Journal of Public Health, Journal of Research in Adolescence Psychological Bulletin, Journal of Experimental Child Psychology, Monographs of the Society for Research in Child Development, Review of Educational Research, Social Science Research.*

Academic Prize Consultant: Frisch Prize, *Econometrica*.

Ad Hoc Grant Reviewer: National Science Foundation, NIH, NIMH, NICHD (U.S.); NSERC, SSHRC, Network of Centers of Excellence (Canada); The Fund for Scientific Research – FNRS (Belgium); Research Grants Council, Hong Kong (China)