

HAROLD HILL GOLDSMITH

ANTOINE BASCOM PROFESSOR & LEONA TYLER PROFESSOR OF PSYCHOLOGY

Department of Psychology
1202 West Johnson Street
University of Wisconsin–Madison
Madison, Wisconsin 53706-1696

Waisman Center
1500 Highland Avenue
University of Wisconsin–Madison
Madison, Wisconsin 53705-2280

E-mail: hill.goldsmith@wisc.edu

ORCID: <https://orcid.org/0000-0002-0254-4699>

Waisman Lab: (608) 265-2674

ACADEMIC APPOINTMENTS

2014-2018 1994-1998	Department Chair	Department of Psychology University of Wisconsin–Madison
2015-2018	Mark & Ilene Laufman Family Professor	University of Wisconsin–Madison
2016-present	Antoine Bascom Professor	
2004-2016	Fluno Bascom Professor	
1998-present	Leona Tyler Professor	
1992-present	Professor	University of Wisconsin–Madison
2003-2015	Coordinator, Social & Affective Sciences	Waisman Center University of Wisconsin–Madison
2014, Spring	Visiting Professor	Department of Psychology New York University
1991-92	Professor	Department of Psychology University of Oregon
1991, Spring	Visiting Assoc. Professor	Department of Psychology University of California, Berkeley
1985-1991	Associate Professor	Department of Psychology University of Oregon
1990, Spring	Visiting Professor	Division of Developmental Psychology University of Nijmegen, The Netherlands

1981-1984	Assistant Professor	Department of Psychology University of Texas at Austin
1976-1978	Lecturer (half-time appointment)	Department of Psychology University of Minnesota, Twin Cities

EDUCATION

1980-1981	NIMH Individual Postdoctoral Fellow	Department of Psychology University of Denver Sponsor: J. J. Campos
1978-1980 Group	NIMH Postdoc Trainee	Developmental Psychobiology Research Department of Psychiatry University of Colorado Medical Center
1978	Ph.D.	University of Minnesota Major: Psychology; Minor: Genetics Adviser: I. I. Gottesman
1972	B.A. (honors)	University of Texas at Austin Major: Microbiology Minors: Chemistry & Psychology
1969-1970	Summer Research Assistant	Division of Biology Southwest Center for Advanced Studies, Dallas

HONORS AND AWARDS

2015	Dobzhansky Award (career achievement), Behavior Genetics Association
2015	Received Mark & Ilene Laufman Family Professorship (endowed research fund)
2010	Honored Instructor Award, UW Housing Services Academic Initiatives
2009	Elected Charter Fellow, Midwestern Psychological Association
2004	UW Foundation Fluno Bascom Professor
2004	Elected President, Behavior Genetics Association
2003-2004	Faculty Development Award, University of Wisconsin–Madison
1998	WARF/Houses Professorship, University of Wisconsin–Madison

- 1997 Vilas Associate award, University of Wisconsin–Madison
- 1997-2007 MERIT award, NIMH
- 1989 Elected Charter Fellow, American Psychological Society
- 1988 Elected Fellow, American Association for the Advancement of Science
- 1987 Election to International Society for Research on Emotion and Society of Multivariate Experimental Psychology
- 1985-1990 Research Career Development Award, NICHD
- 1984 James Shields Memorial Award for Twin Research in Behavioural Genetics
- 1982-1983 Foundation for Child Development "Young Scholar in Social and Affective Development"
- 1982 Summer Research Award, University Research Institute, University of Texas
- 1979 NIMH Individual Postdoctoral Fellowship, University of Denver
- 1978-1979 NIMH Postdoctoral Traineeship
Department of Psychiatry, University of Colorado Health Sciences Center
- 1972-1976 NIMH Traineeship in Behavioral Genetics, University of Minnesota
Department of Psychology and Dight Institute for Human Genetics
- 1972 Selected as “Outstanding Student”
Elected to Phi Beta Kappa, University of Texas at Austin

CURRENT RESEARCH

Temperament: Theory, Assessment, and Functional Significance

Longitudinal Risk Factors for Anxiety, Depression, and Disinhibition

Research Domain Criteria (R-DoC) Investigations in Children and Adolescents

Pediatric Sensory Over-Responsiveness

Roles of Gene-Environment Interplay in Childhood and Adolescent Psychopathology

Isolating Experiential Effects on Neural Development using Monozygotic Twins

RESEARCH & TRAINING GRANTS

Research Grants:

2014-2019 Principal Investigator, "Validating RDoC for Children and Adolescents: A Twin Study with Neuroimaging," NIMH, R01-MH101504. (total costs = \$1,596,707).

2014-2019 -Also administrative supplement for the above grant for data sharing (\$75,000)

2013-2019 NIMH Silvio O. Conte Center for Basic or Translational Mental Health Research, "Early Neurodevelopmental Origins of Anxiety," (Center Director, Richard Davidson). P50 MH100031.
Role: Principal Investigator, Project 3: Long-term Effects of Early Anxious Temperament on Human Neural Development.

2018-2019 Meriter Foundation, Madison, WI, "Early Impact of Prenatal Depression & Anxiety on Iron-Mediated Inflammatory Pathways in Infants," (PI, Pamela J. Kling), \$48,979.
Role: Collaborator

2014-2015 Principal Investigator, "Integrating Research on Sensory Processing," Wallace Research Foundation (direct costs = \$13,810).

2013-2014 Principal Investigator, "Biological and Parental Influences on Sensory Over-Responsivity," Wallace Research Foundation (direct costs = \$39,965).

2006-2013 Principal Investigator, "Risk for Child Psychopathology: A Twin Study Perspective," NIMH, R01-MH59785. (total costs = ca. \$2,743,645)

2010-2013 Administrative supplement to the above grant for genotyping. (\$92,000).

2012-2013 Principal Investigator, "Adolescent Behavior Problems among Children At-risk for Sensory Processing Disorders." Wallace Research Foundation, (\$40,000).

2010-2011 Principal Investigator, "Investigating Sensory Over-Responsiveness: New Foci on Genes and on Adolescents." Wallace Research Foundation, (\$20,000).

2008-2013 NIMH Silvio O. Conte Neuroscience Center. "Neurobehavioral bases of emotion regulation and dysregulation in adolescence." (Center Director, Richard Davidson). P50 MH84051. total costs = \$9,999.997
Roles:
Principal Investigator, Project 3, "Adolescent Anxiety: A Longitudinal Twin Study Perspective" (total costs=\$1,458,530)
Director, Clinical Diagnosis and Behavioral Assessment Core (tc = \$732,177).

2001-2006 Core faculty & Research Group Coordinator, Social & Affective Sciences
2006-2011 "Intellectual & Developmental Disabilities Research Center,"
2011-2016 P30-HD03352. (Center Director, Marsha Seltzer, (tc ~ \$7,700,000)/renewal.

2004-2011 Principal Investigator, "A Twin Study of Autism Spectrum Disorder," NIMH, R01 MH069793. (total costs = \$2,067,252)

- 2009 Principal Investigator, "Distinguishing Sensory Processing Disorder from Psychiatric Phenotypes," Wallace Research Foundation. (total costs = ca. \$24,000)
- 2002-2009 Principal Investigator, "Longitudinal Twin Studies of Emotional Development," NIMH, R37-MH50560. (MERIT award; total costs = \$2,474,833)
- 2008-2009 Co-P.I., "The Neuroanatomical Origin of Severe Speech Impairment in Autism," NLM Family Foundation (P.I., Morton Ann Gernsbacher, total costs = \$99,524).
- 2004-2009 NIMH Center for Behavioral Science Research, P50-MH069315. "Affective Style: Social and Psychobiological Substrates." (Center Director, Richard Davidson, total costs = \$10,728,243)
Roles:
Principal Investigator, Project 4, "Longitudinal Twin Studies of Affective Style" (total costs=\$1,078,328
Director, Clinical Core (total costs = \$770,901).
Co-investigator, Project 5, "Longitudinal Associations, from Infancy to Adolescence, of Stress Exposure, Cortisol, and the Brain with Children's Affective Style and Symptoms." (P.I., Marilyn Essex)
- 2005-2006 Principal Investigator, "Risk Factors among the Families of Young Twins with Sensory Defensiveness, Part 3," Wallace Foundation. (direct costs = \$35,000)
- 2006-2010 Co-Investigator, "Autism Surveillance in Wisconsin," Centers for Disease Control. UR3 DD000078-01. (P.I., Maureen Durkin, total costs = \$1,400,000)
- 2005-2006 Co-Investigator, "National Children's Study - Vanguard Center," NIH/NICHD. Contract No. HHSN275200503396C / N01-HD-5-3396. (P.I., Maureen Durkin, first year direct costs: \$1,295,744)
- 2003-2008 Co-Investigator, STAART Center, "Social and Affective Processes in Autism," NIMH/NICHD, U54 MH66398. (P.I., Helen Tager-Flusberg, Boston University, direct costs = ca. \$5,500,000).
- 1999-2005 Principal Investigator, "Risk for Child Psychopathology: A Twin Study Perspective," NIMH, R01-MH59785. (total costs = \$1,992,000).
- 2003-2005 Co-Investigator, "Autism Surveillance in Wisconsin," Centers for Disease Control. (P.I., Maureen Durkin, total costs = \$500,000)
- 2004 Principal Investigator, "Risk Factors among the Families of Young Twins with Sensory Defensiveness, Part 2," Wallace Foundation. (direct costs = \$24,198).
- 2003-2004 Principal Investigator, "A Birth Register-based Twin Study of Autism Spectrum Disorder," National Alliance for Autism Research. (tc = \$60,000)

- 2003 Principal Investigator, "Risk Factors among the Families of Young Twins with Sensory Defensiveness," Wallace Foundation. (direct costs = \$35,737).
- 2001-2003 Co-Principal Investigator, "Toward a Dyspraxic Subtype of Autism Spectrum Disorder," National Alliance for Autism Research. (P.I., Morton Gernsbacher, total costs = \$98,000).
- 1997-2002 Principal Investigator, "Longitudinal Twin Studies of Emotional Development," NIMH, R01/R37-MH50560. (MERIT award; total cost = \$1,547,110)
- 1998-2003 "Affective Style: Social and Psychobiological Substrates," NIMH Center for Behavioral Science Research, P50-MH52354. (Center Director, R. Davidson; total costs = \$3,755,000).
Roles:
Principal Investigator, Project 3, "Longitudinal Twin Studies of Affective Style" Director, Behavioral Assessment Core
Co-investigator, Project 4, "Individual Differences in The Mother-Infant Dyad: The Role of Emotion and the Course of Affective Style." (P.I., Marilyn Essex).
- 1994-1999 Co-Investigator, "Maternity Leave and Health: Psychosocial Factors," NIMH,
1999-2003 R01-MH44340. (P.I., Marilyn Essex). (Supplement of \$243,186, 1999)
- 1997-2000 Project Director, Predoctoral Individual National Research Service Award to Kristin Buss, NIMH F31-MH11747.
- 1997-1999 Co-investigator, "Development of Assessment Modules for Middle Childhood." MacArthur Foundation Research Network on Psychopathology and Development. (P.I., Marilyn Essex, total costs = \$352,331)
- 1996-1997 Co-P.I., "Establishing the University of Wisconsin-Madison as a Site for the Temperament/Personality and Context Modules," MacArthur Foundation Research Network on Psychopathology and Development. (P.I., Marilyn Essex, total costs = \$131,855).
- 1995-1997 Principal Investigator, "Neonatal Factors in the Early Behavioral Development," Dean Foundation.
- 1995-1997 Co-P.I., "Wisconsin Studies of Family and Work: Cortisol, Psychosocial Factors, and Child Development," MacArthur Foundation Research Network on Psychopathology and Development. (P.I., Marilyn Essex, total costs = \$123,781).
- 1993-1998 "Affective Style: Social and Psychobiological Substrates," NIMH Center for Behavioral Science Research, P50-MH52354. (Center Director, R. Davidson).
Roles:
Principal Investigator, Project 3, "Longitudinal Twin Studies of Affective Style" Director, Behavioral Assessment Core

- Co-investigator, Project 4, "Individual Differences In The Mother-Infant Dyad: The Role of Emotion and the Course of Affective Style." (P.I., Marilyn Essex).
- 1992-1997 Principal Investigator, "Longitudinal Twin Studies of Emotional Development," NIMH, R01-MH50560.
- 1992-1994 Principal Investigator, "A Preschool Version of the Laboratory Temperament Assessment Battery," MacArthur Foundation (co-P.I., Judy Reilly)
- 1991-1993 Principal Investigator, "Genetics of Emotional Ontogeny" (phase 2), March of Dimes Foundation.
- 1991-1992 Principal Investigator, "Affective Narratives, Temperament, and the Emotional Environment of the Home," MacArthur Foundation Research Network on Early Childhood Transitions.
- 1989-1991 Principal Investigator, "Genetics of Emotional Ontogeny" (phase 1). March of Dimes Foundation.
- 1989-1991 Principal Investigator, "Construction and Validation of Early Temperament Measures," NIMH, MH41200. (Co-PI, Mary Rothbart).
- 1986-1988 Principal Investigator, "Construction and Validation of Early Temperament Measures," NIMH, MH41200. (Co-PI, Mary Rothbart).
- 1985-1989 Principal Investigator, "Construction and Validation of Early Temperament Measures," National Science Foundation, BNS-8508927. (Co-PI, Mary Rothbart).
- 1985-1990 Principal Investigator, Research Career Development Award, NICHD, K04-HD00694.
- 1984 Principal Investigator, "Studies of Infant Temperament," University Research Institute, University of Texas at Austin.
- 1982-1983 Principal Investigator, "The Objective Measurement of Infant Temperament: Construction of Lab-TAB and Video-TAB," Foundation for Child Development.
- 1980-1982 Principal Investigator, "A Longitudinal Study of the Genetics of Infant Temperament," Spencer Foundation. (Co-P.I., J. J. Campos).
- 1980 Principal Investigator, "The Relation Between Psychometric and Laboratory-based Measures of Temperament: A Twin Study (Phase II)," Developmental Psychobiology Research Group, University of Colorado (Co-P.I., J. J. Campos)
- 1980-1981 Co-Principal Investigator, "Infant Temperament: Genetics and Generalizability," NIMH, R03 MH35270. (P.I., J. J. Campos).
- 1978-1979 Co-Principal Investigator, "The Relationship Between Psychometric and

Laboratory-based Measures of Infant Temperament: A Twin Study.”
 Developmental Psychobiology Research Group, University of Colorado.
 (P.I., J. J. Campos).

Training Grants:

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| 2018-2023 | Assoc. Director, Pre- and Post-doctoral Training Grant, "Training in Emotion |
| 2013-2018 | Research," NIMH, T32 MH18931. (Program Director, Richard Davidson). |
| 2008-2013 | (Sequential competing continuations of training grant) |
| 2003-2008 | |
| 1997-2002 | |
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| 2016-2021 | Core Faculty, "Postdoctoral Training Program in Intellectual & Developmental |
| 2011-2016 | Disabilities Research," NICHD, T32 HD07489. Waisman Center, University of |
| 2005-2010 | Wisconsin–Madison. (Program Directors, Leonard Abbeduto and, subsequently |
| 2000-2005 | Marsha Mailick, and subsequently Sigan Hartley). |
| 1998-2000 | (Sequential competing continuations of training grant) |
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| 2005-2010 | Core Faculty, "Behavioral and Biological Approaches to Typical and Atypical |
| | Development," National Institutes of Health. T32 MH75880. (Program |
| | Director: Morton Ann Gernsbacher, direct costs = \$500,000). |
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| 1994-1997 | Core Faculty, "Postdoctoral Training in Emotion Research," NIMH, University |
| | of California, Berkeley/ University of Wisconsin-Madison. |
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| 1990-1993 | Program Director, "Training in Emotion Research," NIMH, T35 MH18935. |
| | University of Oregon. (pre- and post-doctoral training grant) |

PROFESSIONAL ACTIVITIES

- National and International Committees (not including study sections)
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|-----------|---|
| 1993-1994 | Subcommittee Co-chair Task Force on Behavioral Science, NIMH |
| 1991-1993 | Chair, NIMH Emotion and Personality Research Review Committee |
| 1998 | Consultant, National Research Council, Committee on Integrating the |
| | Science of Early Childhood Development |
| 1984-87 | Representative, Section J (Psychology) of AAAS |
| 1985-1988 | Chair, Professional Training committee, Behavior Genetics Association |
| 1984-1986 | Behavior Genetics Association Membership committee |
| 1996-1998 | Behavior Genetics Association Professional Training committee |
| 1995-1996 | Chair, Emotion Review committee, Intern. Society on Infant Studies |
| 1997 | Committee to select recipient of new Chair, Uppsala University |
| 1996 | Reviewer, NICHD intramural research program, behavioral branch |
| 2000 | Reviewer, NIMH intramural research program, pediatric branch |
| 2000-2001 | NIMH Workgroup on Mood Disorders |
| 2003-2004 | Scientific Committee, International Meeting for Autism Research |
| 2005 | Invited participant, 1 st Annual Leadership Conference (APA) |
| 2004-2007 | Executive committee, Behavior Genetics Association |

Editorial Positions

Associate Editor *Behavior Genetics* (2011-2013)
Associate Editor *Behavior Genetics* (1985-91)
Consulting Editor *Child Development* (1995-1998; 2002-2007)
Section Editor *Encyclopedia of Infant and Early Childhood Development* (2005-2007)
Board of Editors *Developmental Psychology* (1993-2004)
Infant Behavior and Development (1992-1999)
Behavior Genetics (1991-2002) and (2010-present)
SRCD Monographs (1984, 1993, 1994)

Journal Reviewing

Developmental and Clinical Journals *Child Development, Developmental Psychology, Infant Behavior and Development, Merrill-Palmer Quarterly, Journal of Applied Developmental Psychology, International Journal of Behavioral Development, Journal of Trauma and Dissociation, Infancy, Biological Psychiatry, Developmental Review, Infant Mental Health, Autism Research, Development and Psychopathology, Social Development, Journal of Psychiatry and Neuroscience, Journal of Abnormal Psychology, Journal of Child Psychology and Psychiatry, Archives of General Psychiatry, Psychological Medicine*

Other Journals

Psychological Review, International Journal of Psychology, Psychological Bulletin, Behavioral Assessment, Multivariate Behavioral Research, Psychological Science, Journal of Personality and Social Psychology, Journal of Personality, Journal of Research in Personality, European Journal of Personality Behavior Genetics, Psychoneuroendocrinology, Genes, Brain, and Behavior, Current Directions in Psychological Science, Twin Research, Health Psychology, Human Biology, Cognition and Emotion, American Journal of Medical Genetics: Neuropsychiatric Genetics, PLOS-ONE

Grant Reviewing

- Member, Environmental Influences on Child Health Outcomes (ECHO) Pediatric Cohorts Initial Review Group, NIH (July, 2016)
- Special NIH grant review panels (2016)
- Charter Member, Behavior Genetics and Epidemiology Initial Review Group, NIH (2007-2011)
- Head, NIMH Emotion and Personality Initial Review Group (1991-93)
- Member, NIMH Cognition, Emotion, & Personality Research Review Committee (1989-91)
- Guest Reviewer, Special Reviewer, or Site Visitor for numerous NIH and NIMH agencies on a continuing basis (2-4 NIH special review panels or standing review panels per year, 1999-2008; 2011-2014)
- Outside reviewer, National Science Foundation grant proposals
- Member, NIH Reviewers Reserve (1993-97)
- Member, NIMH B-Start Review Committee (1994-97)
- Special reviews for private foundations and foreign governments

- Editorial Board, NIMH panel on "Research Projects to Address the Heterogeneity of Autism," American Recovery and Reinvestment Act

Conference Organizing

- Organizing Committee, Intern. Conference on Infant Studies, 1982
- Organizer, Symposia at regional, national and international meetings
- Reviewer, Program submissions for SRCD, ISIS, & other conferences
- Chair, Working group, Twin Studies of Personality, Dahlem Conference, Berlin, 1992
- Program Committee, Midwestern Psychological Association, 1994-97
- Organizer, 2nd Annual Wisconsin Symposium on Emotion, 1996
- Organizing committee, Parenting in America conference, 1997-98
- Program committee (ad hoc), American Psychological Society, 1998
- Scientific committee, Intern. Meeting for Autism Research, 2003-2004
- Chair, Affect & Temperament review committee, SRCD, 2003-2005
- Continuing service as reviewer, SRCD and ISIS
- Chair, Program committee, Behavior Genetics Association, 2005

Invited Addresses

- Dept. of Psychology, University of Michigan, 1977
- Dept. of Psychiatry, Washington University, 1979
- Dept. of Psychology, University of Texas, 1979
- Dept. of Psychiatry, Univ. of Colorado, 1979, 1980, 1995
- Dept. of Psychology, Univ. of Virginia, 1983, 1987
- Dept. of Psychology, University of Oregon, 1983
- NICHHD conference, "Genetics & Learning," Washington, 1983
- Western Psychological Association, 1986
- Max Planck Institute, Berlin, FRG, 1986
- Dept. of Psychology, University of Illinois, 1987
- Center of Interdisciplinary Research, Bielefeld, 1987
- Dept. of Psychology, Emory University, 1988
- Institute of Child Development, Minnesota, 1988
- Society of Biological Psychiatry, 1989
- School of Education, University of Leiden, NL, 1990
- Developmental Psychology, University of Nijmegen, NL, 1990
- Dept. of Psychology, University of Wisconsin, 1991
- Inst. Human Development, University of California, Berkeley, 1991
- Dept. of Psychology, University of California, Davis, 1991
- Behavioral Pediatrics, University of California, San Francisco, 1991
- Institute for Personality Assessment and Research, UC Berkeley, 1991
- 27th Minnesota Symposium on Child Psychology, Mpls., 1992
- Dept. of Psychology, San Diego State University, 1993
- Frontiers in Development series, Univ. of Illinois, 1993
- Developmental Psychobiology Research Group, Denver, 1995
- Dept. of Psychology, Université Paul Valéry, Montpellier III, France, 1995
- Nobel Symposium, Karolinska Institute, Stockholm, 1996
- Temperament in Context conference, Netherlands Institute for Advanced Study, 1996
- Wisconsin Symposium on Emotion: Emotional Development, 1996
- University of Geneva, 1997

Southern Illinois University, 1997
 SUNY, Stony Brook, 1997
 University of Iowa, 1998
 American Psychological Society, invited feature address, 1998
 Pre-frontal Cortex Conference, Temple Univ., 1999
 NIMH conference on Center-based research, 1999
 Anxiety Disorders Association of America, 2000
 NIMH/Office of Special Education panel on ADHD, 2000
 Alternative Biomedical Treatments of Autism, invited address, 2000
 Minnesota Symposium on Child Psychology, Mpls., 2000
 NIMH conference on Mood Disorders, 2001
 Gottesman Festschrift, Minneapolis., 2001
 University of Pittsburgh, 2001
 Dept. of Child Psychiatry, University of Chicago, 2001
 Sensory Modulation workshop, Evergreen, CO, 2002
 Plenary address, Behavior Genetics Association, 2003
 Center for Human Growth & Development, University of Michigan, 2003
 Autism Center, University of Michigan, 2003
 Sensory Modulation workshop II, Boulder, CO, 2004
 Northwestern University, 2004
 Department of Psychology, University of Minnesota, 2005
 NIMH STAART (autism) Retreat, 2005
 Adverse Fetal/neonatal Experience and Mental Health, Madison, 2005
 Invited symposium, SRCD, 2005
 Invited presentations, Sensory Processing Disorders Scientific Workgroup
 & Sensory Processing Disorder: Science and Strategies conference,
 Bethesda, MD, 2005
 NIMH Conference Series on Comparative and Primate Research,
 Minneapolis, MN, 2005
 NIMH Conference Series on Comparative and Primate Research,
 Madison, WI, 2006
 Gordon Research Conference, Genes & Behavior, Ventura, CA, 2006
 NIMH Emotion Regulation Workshop, Washington, DC, 2006
 Presidential Address, Behavior Genetics Association, 2006
 Notre Dame University, 2006
 Boston Club, NLM Foundation, 2009
 Keynote address, Sensory Processing Disorders Conference, Chicago, 2009
 Dobzhansky lecture, Behavior Genetics Association, Cambridge, MA 2018

Guest Faculty

- Cape Cod Institute, 1986
- Sixth Annual Workshop on Infancy and Early Childhood,
Utah State University, 1989
- Institute of Human Development, Workshop on "Statistical Methods for
Longitudinal Research," Univ. of California, Berkeley, 1992

Consultant

- > 25 research grants

PROFESSIONAL ASSOCIATIONS

Fellow, American Association for the Advancement of Science (since 1986)
 Charter Fellow, Association for Psychological Science
 Charter Fellow, Midwestern Psychological Association
 Member, MacArthur Foundation Research Network on Early Childhood Transitions, 1989-1993
 Member, International Society for Research on Emotion
 Member, International Society of Psychiatric Genetics
 Member, Society for Research in Child Development
 Member, Behavior Genetics Association
 Member, Sigma Xi
 Member, American Psychological Association (Div. 7)
 Member, International Society for Twin Studies
 Member, Society of Multivariate Experimental Psychology
 Member, Society for Affective Science

SELECTED UNIVERSITY ADMINISTRATIVE RESPONSIBILITIES
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University of Texas at Austin University of Oregon	Dean's Search Committee for Department Chair, 1982 Psychology Department Executive Committee, 1986-88; 1989-91 Provost Search Committee, 1987-88 Chair, Graduate Admissions Committee, 1985-88; 1989-90 University Graduate Council, 1990
University of Wisconsin	Adviser to Psychology honorary society, 1990-92 Social Sciences Divisional Committee, 2018-2021 Chair, Department of Psychology, 2014-2018 Retirement Issues Committee, UW–Madison, 2017-2020 Chair, La Follette School Evaluation Committee Chair, Department of Psychology, 1994-1998 Core Developmental faculty, 1992-present Developmental Area chair, 1992-94; 1996-1999 Core Clinical faculty, 2004-present Departmental Budgetary Subcommittee (elected), 1993-1998, 2003-2006, 2011-2013 New Personnel Committee (elected), 1994-1998, 2000-2002 (chair), 2007-2009, 2009-2011 (chair, 2009-2010) New Building Committee, 2003-2005 Undergraduate Committee, 2005-2006 Space Committee, Chair, 1994-1998; member, 2000-2005, 2011-present Screening Committee, Letters & Sciences Assoc. Dean, 1996 Faculty Senate, 1996-1999; 2002-2006 Social and Behavioral Sciences Institutional Review Board (Human Subjects), 2003-2004 Faculty Development grant review committee, 2005-2006 Affiliated Faculty (advising privileges), Department of Educational Psychology, 2004-present Coordinator, Social and Affective Sciences Group, Waisman Center, 2003-2015

Executive Committee, Waisman Center, 2003-2015
Graduate School Research Committee, 2007-2010
Neurodevelopmental Pediatrics search committee, 2007-2008
Disability Studies Cluster search (chair), 2008-2009

PUBLICATIONS

Book:

Davidson, R. J., Scherer, K., & Goldsmith, H. H. (Eds.) (2003). *Handbook of Affective Sciences*. (1199 pp.) New York: Oxford University Press.

Manuscripts under review (partial list):

Note: Most recent papers from the Goldsmith laboratory follow the “senior author in last position” tradition in the ordering of authors.

Guerrero-Gonzalez, J., Adluru, N., Bendlin, B. B., Goldsmith, H. H., Schaefer, S. M., Davidson, R. J., Kecskemeti, S. R., Zhang, H., & Alexander, A. L. (2018). Influence of the intrinsic diffusivity on NODDI parameter estimation. Under editorial review.

Sarkisian, K., Van Hulle, C., & Goldsmith, H. H. (2019). Decreased persistence during childhood problem-solving as a predictor of adolescent suicidal ideation. Under editorial review.

Van Hulle, C. A., Esbensen, K., & Goldsmith, H. H. (2017). Co-occurrence of sensory over-responsivity with obsessive-compulsive symptoms in childhood and early adolescence. Invited revision under review, *Journal of Developmental & Behavioral Pediatrics*.

Javaras, K. N., Essex, M. J., Armstrong, J. M., Davidson, R. J., & Goldsmith, H. H. (2016). Rule breaking and adolescent and young adult weight outcomes. Pending resubmission.

Javaras, K. N., Armstrong, J. M., Klein, M. H., Essex, M. J., Davidson, R. J., & Goldsmith, H. H. (2017). Sex differences in the relationship between childhood self-regulation and adolescent adiposity. Under editorial review (*Obesity*)

Articles and chapters:

Carroll, I. C., Planalp, E. M., Van Hulle, C. A., & Goldsmith, H. H. (2019). Peer victimization and selective attention in adolescence: Evidence from a monozygotic twin difference design. *Journal of Abnormal Child Psychology*. Published online 1 Feb. PMID: 30706250. DOI: [10.1007/s10802-019-00516-7](https://doi.org/10.1007/s10802-019-00516-7)

Planalp, E. M., & Goldsmith, H. H. (in press). Associations between observed profiles of infant temperament and parenting during infancy. *Child Development*.

Brooker R. J., Moore, M. N., Van Hulle, C. A., Beekman, C. R., Begnoche, J. P., Lemery-Chalfant, K., & Goldsmith, H. H. (in press). Attentional control explains covariation

between symptoms of ADHD and anxiety during adolescence. *Journal of Research on Adolescence*.

- Planalp, E. M., Van Hulle, C. A., & Goldsmith, H. H. (in press). Parenting in Context: Marital Adjustment, Parent Affect, and Child Temperament in Complex Families. *Journal of Family Psychology*. DOI: 10.1037/fam0000511
- Dean, D. C. III, Planalp, E. M., Wooten, W., Kecskemeti, S. R., Adluru, N., Schmidt, C. K., Frye, C., Birn, R. M., Burghy, C. A., Schmidt, N. L., Styner, M. A., Short, S. J., Kalin, N. H., Goldsmith, H. H., Alexander, A. L., & Davidson, R. J. (2018). Association of prenatal maternal depression and anxiety symptoms with infant white matter microstructure. *JAMA Pediatrics*. 172(10):973-981. PMID: 30177999. PMCID: PMC6190835. DOI: [10.1001/jamapediatrics.2018.2132](https://doi.org/10.1001/jamapediatrics.2018.2132)
- Sarkisian, K., Van Hulle, C. A., & Goldsmith, H. H. (2019). Brooding, inattention, and impulsivity as predictors of adolescent suicidal ideation. *Journal of Abnormal Child Psychology*, 47, 333–344. PMID: 29808397. PMCID: PMC6265119. DOI: [10.1007/s10802-018-0435-5](https://doi.org/10.1007/s10802-018-0435-5)
- Chung, M. K., Luo, Z., Leow, A. D., Alexander, A. L., Davidson, R. J., & Goldsmith, H. H. (2018). Exact Combinatorial Inferences for Brain Images. *Medical Image Computing and Computer Assisted Intervention–MICCAI*. LNCS 11070, pp. 629–637. DOI: [10.1007/978-3-030-00928-1_71](https://doi.org/10.1007/978-3-030-00928-1_71)
- Chung, M. K., Luo, Z., Adluru, A., Alexander, A. L., Davidson, R. J., Goldsmith, H. H. (2018). Heritability of nested hierarchical structural brain network. *IEEE Engineering in Medicine and Biology Society (EMBC), Jul: 554-557*. PMID: 30440457. PMCID: PMC6241281. DOI: [10.1109/EMBC.2018.8512359](https://doi.org/10.1109/EMBC.2018.8512359)
- Dean, D. C. III, Planalp, E. M., Wooten, W., Schmidt, C. K., Kecskemeti, S. R., Goldsmith, H. H., Alexander, A. L., & Davidson, R. J. (2018). Investigation of brain structure in the 1-month infant. *Brain Structure and Function*, 223, 1953-1970. PMID: 29305647. PMCID: PMC5886836. DOI: [10.1007/s00429-017-1600-2](https://doi.org/10.1007/s00429-017-1600-2)
- Van Hulle, C. A., Lemery-Chalfant, K., & Goldsmith, H. H. (2018). Parent-offspring transmission of internalizing and sensory over-responsivity symptoms in adolescence. *Journal of Abnormal Child Psychology*, 46, 557-567. PMID: 28393325. PMCID: PMC5634909. DOI: [10.1007/s10802-017-0300-y](https://doi.org/10.1007/s10802-017-0300-y)
- Goldsmith, H. H. (2018). Everything develops during emotional development. In A. S. Fox, R. C. Lapate, A. J. Shackman & R. J. Davidson (Eds.). *The Nature of Emotion: Fundamental Questions* (2nd ed.). New York: Oxford University Press.
- Alisch, R. S., Van Hulle, C., Chopra, P., Bhattacharyya, A., Zhang, S-C., Davidson, R. J., Kalin, N. H. & Goldsmith, H. H. (2017). A multi-dimensional characterization of anxiety in monozygotic twin pairs reveals susceptibility loci in humans. *Translational Psychiatry*, 7, #1282. Published online, December 11. PMCID: PMC5802687. DOI: [10.1038/s41398-017-0047-9](https://doi.org/10.1038/s41398-017-0047-9)

- Dean, D. C. III, Planalp, E. M., Wooten, W., Adluru, N., Kecskemeti, S. R., Frye, C., Schmidt, C. K., Schmidt, N. L., Styner, M. A., Goldsmith, H. H., Davidson, R. J., & Alexander, A. L. (2017). Mapping white matter microstructure in the one month human brain. *Scientific Reports*, 7(1), 9759. Published online, 29 August. PMID: 28852074; PMCID: PMC5575288. DOI: [10.1038/s41598-017-09915-6](https://doi.org/10.1038/s41598-017-09915-6)
- Adluru, N., Luo, Z., Van Hulle, C., Schoen, A. J., Davidson, R. J., Alexander, A. L., & Goldsmith, H. H. (2017). Anxiety-related experience-dependent white matter structural differences in adolescence: A monozygotic twin difference approach. *Scientific Reports*, 7(1), 8749. December, 2017. PMID: 28821748. PMCID: PMC5562810. DOI: [10.1038/s41598-017-08107-6](https://doi.org/10.1038/s41598-017-08107-6)
- Planalp, E. M., Van Hulle, C. A., Gagne, J. R., & Goldsmith, H. H. (2017). The infant version of the Laboratory Temperament Assessment Battery (Lab-TAB): Measurement properties and implications for concepts of temperament. *Frontiers in Psychology: Personality and Social Psychology*. Published online, 24 May. PMID: 28596748. PMCID: PMC5442210. DOI: [10.3389/fpsyg.2017.00846](https://doi.org/10.3389/fpsyg.2017.00846)
- Brooker, R. J., Canen, M. J., Davidson, R. J., & Goldsmith, H. H. (2017). Short- and long-term stability of alpha asymmetry in infants: Baseline and affective measures. *Psychophysiology*, 54, 1100-1108. PMID: 28383124. PMCID: PMC5507748. DOI: [10.1111/psyp.12866](https://doi.org/10.1111/psyp.12866)
- Gagne, J. R., & Goldsmith, H. H. (in press). Development of temperament in infancy and childhood (chapt. 2). In K. J. Saudino & J. M. Ganiban (Eds.), *Behavioral genetics of temperament and personality*.
- Van Hulle, C. A., Moore, M. N., & Goldsmith, H. H., & Brooker, R. J. (2017). Infant stranger fear trajectories predict diurnal cortisol rhythm and anxious behaviors during childhood. *Development and Psychopathology*, 29(3), 1119-1130. PMID: 28318454. PMCID: PMC5509479. DOI: [10.1017/S0954579417000311](https://doi.org/10.1017/S0954579417000311)
- Gagne, J. R., O'Sullivan, D. L., Schmidt, N. L., Spann, C. A., & Goldsmith, H. H. (2017). The shared etiology of attentional control and anxiety: An adolescent twin study. *Journal of Research on Adolescence*, 27, 122-138. PMID: 28498525. PMCID: PMC5431083. DOI: [10.1111/jora.12260](https://doi.org/10.1111/jora.12260)
- Lundwall, R. A., Dannemiller, J. L., & Goldsmith, H. H. (2017). Genetic associations with reflexive visual attention in infancy and childhood. *Developmental Science*, 20, e12371. PMID: 26613685. PMCID: PMC4884175. DOI: [10.1111/desc.12371](https://doi.org/10.1111/desc.12371)
- Miller, M. M., & Goldsmith, H. H. (2017). Profiles of social-emotional readiness for 4-year-old kindergarten. *Frontiers in Psychology: Personality and Social Psychology*. Published online 31 January. PMID: 28197124. PMCID: PMC5281560. DOI: [10.3389/fpsyg.2017.00132](https://doi.org/10.3389/fpsyg.2017.00132).

- Van Hulle, C. A., Clifford, S., Moore, M., Lemery-Chalfant, K., & Goldsmith, H. H. (2017). Partial constructive replication of two rumination-related candidate gene studies. *Cognition and Emotion*, *31*, 963-971. PMID: 27073970. PMCID: PMC5063675. DOI: [10.1080/02699931.2016.1168779](https://doi.org/10.1080/02699931.2016.1168779)
- Burghy, C. A., Fox, M. E., Cornejo, M. D., Stodola, D. E., Van Hulle, C., Ojiaku, P., Schmidt, N. L., Davidson, R. J., Goldsmith, H. H., & Birn, R. M. (2016). Experience driven differences in childhood cortisol predict affect-relevant brain function and coping in adolescent monozygotic twins. *Scientific Reports*. Published online, Nov. 22. PMID: 27872489. PMCID: PMC5181835. DOI: [10.1038/srep37081](https://doi.org/10.1038/srep37081)
- Planalp, E. M., Van Hulle, C., Lemery-Chalfant, K., & Goldsmith, H. H. (2017). Genetic and environmental contributions to the development of positive affect in infancy. *Emotion*, *17*, 412-420. Published online, Oct. 31. PMID: 27797564. PMCID: PMC5367954. DOI: [10.1037/emo0000238](https://doi.org/10.1037/emo0000238)
- Sarkisian, K., Van Hulle, C., Lemery-Chalfant, K., & Goldsmith, H. H. (2016). Childhood inhibitory control and adolescent impulsivity and novelty seeking as differential predictors of relational and overt aggression. *Journal of Research in Personality*. Published online, 3 August. PMID: 28983136. PMCID: PMC5624336. DOI: [10.1016/j.jrp.2016.07.011](https://doi.org/10.1016/j.jrp.2016.07.011)
- Scott, B. G., Lemery-Chalfant, K., Clifford, S., Tein, J-Y, Stoll, R., & Goldsmith, H. H. (2016). A twin factor mixture modeling approach to childhood temperament: differential heritability. *Child Development*, *87*, 1940-1955. PMID: 27291568. PMCID: PMC5154784. DOI: [10.1111/cdev.12561](https://doi.org/10.1111/cdev.12561)
- Brooker, R. J., Phelps, R. A., Davidson, R. J., & Goldsmith, H. H. (2016). Context differences in delta-beta coupling are associated with neuroendocrine reactivity in infants. *Developmental Psychobiology*, *58*, 406-418. PMID: 26566605. PMCID: PMC4801734. DOI: [10.1002/dev.21381](https://doi.org/10.1002/dev.21381)
- Brooker, R. J., Davidson, R. J., & Goldsmith, H. H. (2016). Maternal negative affect in infancy is linked to disrupted patterns of change in cortisol and alpha asymmetry across contexts during childhood. *Journal of Experimental Child Psychology*, *142*, 274-290. PMID: 26422661. PMCID: PMC4666756. DOI: [10.1016/j.jecp.2015.08.011](https://doi.org/10.1016/j.jecp.2015.08.011)
- Clifford S., Lemery-Chalfant, K., & Goldsmith, H. H. (2015). The unique and shared genetic and environmental contributions to fear, anger, and sadness in childhood. *Child Development*, *86*, 1538-1556. PMID: 26182850. PMCID: PMC4567924. DOI: [10.1111/cdev.12394](https://doi.org/10.1111/cdev.12394)
- Van Hulle, C., Lemery-Chalfant, K., & Goldsmith, H. H. (2015). Trajectories of sensory over-responsivity from early to middle childhood: Birth and temperament risk factors. *PLoS ONE* *10*(6): e0129968. PMID: 26107259. PMCID: PMC4481270. DOI: [10.1371/journal.pone.0129968](https://doi.org/10.1371/journal.pone.0129968)

- Dyson, M. W., Olino, T. M., Durbin, C. E., Goldsmith, H. H., Bufferd, S. J., Miller, A. R., & Klein, D. N. (2015). The structural and rank-order stability of temperament in young children based on a laboratory-observational measure. *Psychological Assessment, 27*, 1388-1401. PMID: 25894709. PMCID: PMC4615267. DOI: [10.1037/pas0000104](https://doi.org/10.1037/pas0000104)
- Van Hulle, C., Moore, M. N., Shirtcliff, E. A., Lemery-Chalfant, K., Goldsmith, H. H. (2015). Genetic and environmental contributions to covariation between DHEA and testosterone in adolescent twins. *Behavior Genetics, 45*, 324-340. PMID: 25633628. PMCID: PMC4425578. DOI: [10.1007/s10519-015-9709-7](https://doi.org/10.1007/s10519-015-9709-7)
- Eggum-Wilkens, N. D., Lemery-Chalfant, K., Aksan, N., & Goldsmith, H. H. (2015). Self-conscious shyness: Growth during toddlerhood, strong role of genetics, and no prediction from fearful shyness. *Infancy, 20*, 160-188. PMID: 25685095. PMCID: PMC4322942. DOI: [10.1111/inf.12070](https://doi.org/10.1111/inf.12070)
- Goldsmith, H. H. (2015). The functional significance of temperament. In M. A. Gernsbacher & J. R. Pomerantz (Eds.). *Psychology and the real world* (2nd ed.) (chpt. 12) New York, NY: Worth.
- Vendlinski, M. K., Javaras, K. N., Van Hulle, C. A., Lemery-Chalfant, K., Maier, R., Davidson, R. J., & Goldsmith, H. H. (2014). Relative influence of genetics and shared environment on child mental health symptoms depends on comorbidity. *PLOS-ONE, 9* (7), e103080. PMID: 25077799. PMCID: PMC4117501. DOI: [10.1371/journal.pone.0103080](https://doi.org/10.1371/journal.pone.0103080)
- Goldsmith, H. H. (2014). Extending developmental perspectives on personality–psychopathology interplay. *European Journal of Personality, 28* (4), 389-390.
- Brooker, R. J., Buss, K. A., Lemery-Chalfant, K., Aksan, N., Davidson, R. J., & Goldsmith, H. H. (2014). Profiles of observed infant anger predict preschool behavior problems: Moderation by life stress. *Developmental Psychology, 50*(10), 2343-2352. PMID: 25151247. PMCID: PMC4172515. DOI: [10.1037/a0037693](https://doi.org/10.1037/a0037693)
- Brooker, R. J., Buss, K. A., Lemery-Chalfant, K., Aksan, N., Davidson, R. J., & Goldsmith, H. H. (2013). The development of stranger fear in infancy and toddlerhood: Normative development, individual differences, antecedents, and outcomes. *Developmental Science, 16*, 864-878. PMID: 24118713. PMCID: PMC4129944. DOI: [10.1111/desc.12058](https://doi.org/10.1111/desc.12058)
- Moore, M. N., Salk, R. H., Van Hulle, C. A., Abramson, L. Y., Hyde, J. S., Lemery-Chalfant, K., & Goldsmith, H. H. (2013). Genetic and environmental influences on rumination, distraction, and depressed mood in adolescence. *Clinical Psychological Science, 1*(3), 316-322. PMID: 23956956. PMCID: PMC3742117. DOI: [10.1177/2167702612472884](https://doi.org/10.1177/2167702612472884)
- Lemery-Chalfant, K., Kao, K., Swann, G., & Goldsmith, H. H. (2013). Childhood temperament: Passive gene-environment correlation, gene-environment interaction, and the hidden importance of the family environment. *Development and Psychopathology, 25*, 51-63. PMID: 23398752. PMCID: PMC3581153. DOI: [10.1017/S0954579412000892](https://doi.org/10.1017/S0954579412000892)

- Gagne, J. R., Miller, M., & Goldsmith, H. H. (2013). Early-but modest-gender differences in focal aspects of childhood temperament. *Personality and Individual Differences*, *55*, 95-100. PMID: 24958978. PMCID: PMC4064677. DOI: [10.1016/j.paid.2013.02.006](https://doi.org/10.1016/j.paid.2013.02.006)
- Schmidt, N. L., Van Hulle, C. A., Brooker, R. J., Meyer, L. R., Lemery-Chalfant, L., Goldsmith, H. H. (2013). Wisconsin twin research: Early development, childhood psychopathology, autism, and sensory over-responsivity. *Twin Research and Human Genetics*, *16*, 376-384. PMID: 23200241. PMCID: PMC3570675. DOI: [10.1017/thg.2012.105](https://doi.org/10.1017/thg.2012.105)
- Van Hulle, C. A., Shirtcliff, E. S., Lemery-Chalfant, K. & Goldsmith, H. H. (2012). Genetic and environmental influences on individual differences in cortisol level and circadian rhythm in middle childhood. *Hormones and Behavior*, *62*, 36-42. PMID: 22583671. PMCID: PMC3377812. DOI: [10.1016/j.yhbeh.2012.04.014](https://doi.org/10.1016/j.yhbeh.2012.04.014)
- Dyson, M. W., Olino, T. M., Durbin, C. E., Goldsmith, H. H., & Klein, D. N. (2012). The structure of temperament in preschoolers: A two-stage factor analytic approach. *Emotion*, *12*, 44-57. PMID: 21859196. PMCID: PMC3526001. DOI: [10.1037/a0025023](https://doi.org/10.1037/a0025023)
- Van Hulle, C. A., Schmidt, N. L., & Goldsmith, H. H. (2012). Is sensory over-responsivity distinguishable from childhood behavior problems? A phenotypic and genetic analysis. *Journal of Child Psychology and Psychiatry*, *53*, 64-72. PMID: 21797864. PMCID: PMC3208137. DOI: [10.1111/j.1469-7610.2011.02432.x](https://doi.org/10.1111/j.1469-7610.2011.02432.x)
- Goldsmith, H. H., & Gagne, J. R. (2012). Behavioral assessment of temperament. In M. Zentner & R. L. Shiner (Eds.). *Handbook of temperament* (pp. 209-228). New York: Guilford.
- Keuler, M. M., Schmidt, N. L., Van Hulle, C. A., Lemery-Chalfant, K., & Goldsmith, H. H. (2011). Sensory over-responsivity: Prenatal risk factors and temperamental contributions. *Journal of Developmental & Behavioral Pediatrics*, *32*, 533-541. PMID: 21743351. PMCID: PMC3163729. DOI: [10.1097/DBP.0b013e3182245c05](https://doi.org/10.1097/DBP.0b013e3182245c05)
- Javaras, K. N., Goldsmith, H. H., & Laird, N. M. (2011). Estimating the effect of a predictor measured by two informants on a continuous outcome: A comparison of methods. *Epidemiology*, *22*, 390-399. PMID: 21403520. PMCID: PMC3073873. DOI: [10.1097/EDE.0b013e318212b940](https://doi.org/10.1097/EDE.0b013e318212b940)
- Gagne, J. R., Van Hulle, C. A., Aksan, N., Essex, M. J., & Goldsmith, H. H. (2011). Deriving childhood temperament measures from emotion-eliciting behavioral episodes: Scale construction and initial validation. *Psychological Assessment*, *23*, 337-353. PMID: 21480723. PMCID: PMC3115493. DOI: [10.1037/a0021746](https://doi.org/10.1037/a0021746)
- Essex, M. J., Armstrong, J. M., Burk, L. R., Goldsmith, H. H., & Boyce, W. T. (2011). Biological sensitivity to context moderates the effects of the early teacher-child relationship on the development of mental health by adolescence. *Development and*

Psychopathology, 23, 149-161. PMID: 21262045. PMCID: PMC3058902. DOI: [10.1017/S0954579410000702](https://doi.org/10.1017/S0954579410000702)

- Vendlinski, M. K., Lemery-Chalfant, K., Essex, M. J., & Goldsmith, H. H. (2011). Genetic risk by experience interaction for childhood internalizing problems: Converging evidence across multiple methods. *Journal of Child Psychology and Psychiatry*, 52, 607-618. PMID: 21198591. PMCID: PMC3079020. DOI: [10.1111/j.1469-7610.2010.02343.x](https://doi.org/10.1111/j.1469-7610.2010.02343.x)
- Burk, L. R., Armstrong, J. M., Goldsmith, H. H., Klein, M. H., Strauman, T. J., Costanzo, P., & Essex, M. J. (2011). Sex, temperament, and family context: How the interaction of early factors differentially predict adolescent alcohol use and are mediated by proximal adolescent factors. *Psychology of Addictive Behaviors*, 25, 1-15. PMID: 21443307. PMCID: PMC3174803. DOI: [10.1037/a0022349](https://doi.org/10.1037/a0022349)
- Gagne, J. R., and Goldsmith, H. H. (2011). A longitudinal analysis of anger and inhibitory control in twins from 12-36 months of age. *Developmental Science*, 14, 112-124. PMID: 21159093. PMCID: PMC3049157. DOI: [10.1111/j.1467-7687.2010.00969.x](https://doi.org/10.1111/j.1467-7687.2010.00969.x)
- Volbrecht, M., & Goldsmith, H. H. (2010). Early temperamental and family predictors of shyness and anxiety. *Developmental Psychology*, 46, 1192-1205. PMID: 20822232. PMCID: PMC3086562. DOI: [10.1037/a0020616](https://doi.org/10.1037/a0020616)
- Essex, M. J., Klein, M. H., Slattery, M. J., Goldsmith, H. H., & Kalin, N. H. (2010). Early risk factors and developmental pathways to chronic high inhibition and social anxiety disorder in adolescence. *American Journal of Psychiatry*, 167, 40-46. PMID: 19917594. PMCID: PMC2806488. DOI: [10.1176/appi.ajp.2010.167.5.a40](https://doi.org/10.1176/appi.ajp.2010.167.5.a40)
- Stilp, R.L.H., Gernsbacher, M.A., Schweigert, E.K., Arneson, C.L. & Goldsmith, H.H. (2010). Genetic variance for autism screening items in an unselected sample of toddler-age twins. *Journal of the American Academy of Child and Adolescent Psychiatry*, 49, 267-276. PMID: 20410716. PMCID: PMC2947446.
- Light, S. N., Coan, J. A., Zahn-Waxler, C., Frye, C., Goldsmith, H. H., & Davidson, R. J. (2009). Empathy is associated with dynamic change in prefrontal brain electrical activity during positive emotion in children. *Child Development*, 80, 1210-1231. PMID: 19630903. PMCID: PMC2717040. DOI: [10.1111/j.1467-8624.2009.01326.x](https://doi.org/10.1111/j.1467-8624.2009.01326.x)
- Locke, R. L., Davidson, R. J., Kalin, N. H., & Goldsmith, H. H. (2009). Children's context inappropriate anger and salivary cortisol. *Developmental Psychology*, 45, 1284-1297. PMID: 19702392. PMCID: PMC2776065. DOI: [10.1037/a0015975](https://doi.org/10.1037/a0015975)
- Luby, J., Essex, M., Armstrong, J., Klein, M., Zahn-Waxler, C., Sullivan, J., & Goldsmith, H. H. (2009). Gender differences in the emotional reactivity of depressed and at risk preschoolers: Implications for gender specific manifestations of preschool depression. *Journal of Clinical Child and Adolescent Psychology*, 38, 525-537. PMID: 20183639. PMCID: PMC2829727. DOI: [10.1080/15374410902976312](https://doi.org/10.1080/15374410902976312)

- Light, S. N., Goldsmith, H. H., Coan, J. A., Frye, C., & Davidson, R. J. (2009). Dynamic variation in pleasure in children predicts nonlinear change in lateral frontal brain electrical activity. *Developmental Psychology*, *45*, 525-533. PMID: 19271836. PMCID: PMC2758087. DOI: [10.1037/a0014576](https://doi.org/10.1037/a0014576)
- Wagner, A. I., Schmidt, N. L., Lemery-Chalfant, K., Leavitt, L. A., & Goldsmith, H. H. (2009). The limited effects of obstetrical and neonatal complications on conduct and ADHD symptoms in middle childhood. *Journal of Developmental & Behavioral Pediatrics*, *30*, 217-225. PMID: 19433988. PMCID: PMC4718393. DOI: [10.1097/DBP.0b013e3181a7ee98](https://doi.org/10.1097/DBP.0b013e3181a7ee98)
- Gagne, J. R., Vendlinski, M. K., & Goldsmith, H. H. (2009). The genetics of childhood temperament. In Y-K Kim (Ed.). *Handbook of Behavioral Genetics*. New York: Springer.
- Aksan, N., Goldsmith, H. H., Essex, M. & Vandell, D. L. (2009). Communicative functions of emotion in sibling relationships. In F. Columbus (Series Ed.), M. Russo & A. DeLuca (Eds.), *Psychology of Family Relationships*, NY: Nova Scientific Publishers.
- Goldsmith, H. H., Pollak, S. D., & Davidson, R. J. (2008). Developmental neuroscience perspectives on emotion regulation. *Child Development Perspectives*, *2*, 132-140. PMID: 19917594. PMCID: PMC2806488. DOI: [10.1111/j.1750-8606.2008.00055.x](https://doi.org/10.1111/j.1750-8606.2008.00055.x)
- Shanahan, M. E., Roberts, J. E., Hatton, D. D., Reznick, J. S., & Goldsmith, H. H. (2008). Early temperament and negative reactivity in boys with Fragile X syndrome. *Journal of Intellectual Disability Research*, *52*, 842-854. PMID: 18498331. PMCID: accepted before the deadline; not submitted. DOI: [10.1111/j.1365-2788.2008.01074.x](https://doi.org/10.1111/j.1365-2788.2008.01074.x)
- Gernsbacher, M. A., Stevenson, J. L., Khandakar, S., & Goldsmith, H. H. (2008). Why is joint attention atypical in autism? *Child Development Perspectives*, *2*, 38-45. PMCID: PMC4266470. DOI: [10.1111/j.1750-8606.2008.00039.x](https://doi.org/10.1111/j.1750-8606.2008.00039.x)
- Gernsbacher, M. A., Stevenson, J. L., Khandakar, S., & Goldsmith, H. H. (2008). Autism research: Policy implications and empirical nuance. *Child Development Perspectives*, *2*, 49-52. PMCID: accepted before the deadline; not submitted.
- Lemery-Chalfant, K., Doelger, L., & Goldsmith, H. H. (2008). Genetic relations between effortful and attentional control and symptoms of psychopathology in middle childhood. *Infant and Child Development*, *17*, 365-385. PMID: 27076792. PMCID: PMC4828044. DOI: [10.1002/icd.581](https://doi.org/10.1002/icd.581)
- Goldsmith, H. H., & Lemery-Chalfant, K. (2008). Genetic influences on individual differences in approach and avoidance. In A. J. Elliot (Ed.), *Handbook of Approach and Avoidance Motivation* (pp. 187-202). New York: Psychology Press.
- Goldsmith, H. H. (2008). Behavior genetics. In M. M. Haith & J. B. Benson (Eds.). *Encyclopedia of Infant and Early Childhood Development (vol 1)* (pp.165-172). Oxford, U.K.: Elsevier. (also section editor of this volume). Published simultaneously at ScienceDirect.

- Burk, R. L., Park, J.-H., Armstrong, J. M., Klein, M. H., Goldsmith, H. H., Zahn-Waxler, C., & Essex, M. J. (2008). Identification of early child and family risk factors for aggressive victim status in first grade. *Journal of Abnormal Child Psychology*, *36*, 513-526. PMID: 18092191. PMCID: accepted before the deadline; not submitted. DOI: [10.1007/s10802-007-9196-2](https://doi.org/10.1007/s10802-007-9196-2)
- Gernsbacher, M. A., Sauer, E. A., Geye, H., Kees, E. K., & Goldsmith, H. H. (2008). Infant and toddler oral- and manual-motor skills predict later speech fluency in autism. *Journal of Child Psychology and Psychiatry*, *49*, 43-50. PMID: 17979963. PMCID: PMC4123528. DOI: [10.1111/j.1469-7610.2007.01820.x](https://doi.org/10.1111/j.1469-7610.2007.01820.x)
- Ruf, H. T., Schmidt, N. L., Lemery-Chalfant, K., & Goldsmith, H. H. (2008). Components of childhood impulsivity and inattention: Child, family, and genetic correlates. *European Journal of Developmental Science*, *2*, 52-76. PMCID: accepted before the deadline; not submitted.
- Lemery-Chalfant, K., Schreiber, J. E., Schmidt, N. L., Van Hulle, C. A., Essex, M. J., & Goldsmith, H. H. (2007). Assessing internalizing, externalizing, and attention problems in young children: Validation of the MacArthur HBQ. *Journal of the American Academy of Child and Adolescent Psychiatry*, *46*, 1315-1323. PMID: 17885573. DOI: [10.1097/chi.0b013e3180f616c6](https://doi.org/10.1097/chi.0b013e3180f616c6)
- Van Hulle, C. A., Lemery-Chalfant, K., & Goldsmith, H. H. (2007). Genetic and environmental influences on socio-emotional behavior in toddlers: An initial twin study of the Infant-Toddler Social and Emotional Assessment (ITSEA). *Journal of Child Psychology and Psychiatry*, *48*, 1014-1024. PMID: 17915002.
- Volbrecht, M., Lemery-Chalfant, K., Aksan, N., Zahn-Waxler, C., & Goldsmith, H. H. (2007). Examining the familial link between positive affect and empathy development in the second year. *Journal of Genetic Psychology*, *168*, 105-129. PMID: 17936968. PMCID: PMC3197271.
- Buss, K. A., & Goldsmith, H. H. (2007). Biobehavioral approaches to early socioemotional development. In C. A. Brownell & C. B. Kopp (Eds.). *Early Socioemotional Development in the Toddler Years: Transitions and Transformations* (pp. 370-395). New York: Guilford Publications.
- Crawford, T. N., Shaver, P. R., & Goldsmith, H. H. (2007). How affect regulation moderates the association between anxious attachment and neuroticism. *Attachment and Human Development*, *9*, 95-109. PMID: 17508311.
- Goldsmith, H. H., Lemery-Chalfant, K., Schmidt, N. L., Arneson, C. L., & Schmidt, C. K. (2007). Longitudinal analyses of affect, temperament, and childhood psychopathology. *Twin Research and Human Genetics*, *10*, 118-126. PMID: 17539371.
- Essex, M. J., Kraemer, H. C., Armstrong, J. M., Boyce, W. T., Goldsmith, H. H., Klein, M. H., Woodward, H., & Kupfer, D. J. (2006). Exploring risk factors for the emergence of

children's mental health problems. *Archives of General Psychiatry*, *63*, 1246-1256. PMID: 17088505.

Boyce, W. T., Essex, M. J., Alkon, A., Goldsmith, H. H., Kraemer, H. C., & Kupfer, D. J. (2006). Early father involvement moderates biobehavioral susceptibility to mental health problems in middle childhood. *Journal of the American Academy of Child and Adolescent Psychiatry*, *45*, 1510-1520. PMID: 171135997.

Schreiber, J. E., Shirtcliff, E., Van Hulle, C., Lemery-Chalfant, K. S., Klein, M. H., Kalin, N. H., Essex, M. J., & Goldsmith, H. H. (2006). Environmental influences on family similarity in afternoon cortisol levels: Twin and parent-offspring designs. *Psychoneuroendocrinology*, *31*, 1131-1137. PMID: 16997489. PMCID: PMC2754130.

Lemery-Chalfant, K., Goldsmith, H. H., Schmidt, N. L., Arneson, C. L., Van Hulle, C. A. (2006). Wisconsin Twin Panel: Current directions and findings. *Twin Research and Human Genetics*, *9*, 1038-1042. PMID: 17254447.

Goldsmith, H. H., Van Hulle, C. A., Arneson, C. L., Schreiber, J. E., & Gernsbacher, M. A. (2006). A population-based twin study of parentally reported tactile and auditory defensiveness in young children. *Journal of Abnormal Child Psychology*, *34*, 378-392. PMID: 16649001.

Else-Quest, N. M., Hyde, J. S., Goldsmith, H. H., & Van Hulle, C. A. (2006). Gender differences in temperament: A meta-analysis. *Psychological Bulletin*, *132*, 33-72. PMID: 16435957.

Dalton, K. M., Nacewitz, B. M., Johnstone, T., Schaefer, H. S., Gernsbacher, M. A., Goldsmith, H. H., Alexander, A., & Davidson, R. J. (2005). Gaze-aversion and the neuronal circuitry of face processing in autism. *Nature Neuroscience*, *8*, 519-526. PMID: 15750588.

Gernsbacher, M. A., Dawson, M., & Goldsmith, H. H. (2005). Three reasons not to believe in an autism epidemic. *Current Directions in Psychological Science*, *14*, 55-58.

Gernsbacher, M. A., Dissanayake, C., Goldsmith, H. H., Mundy, P. C., Rogers, S. J., & Sigman, M. (2005). Autism and deficits in attachment behavior. *Science*, *307*, 1201-1203. PMID: 15731426.

Buss, K. A., Goldsmith, H. H., & Davidson, R. J. (2005). Cardiac reactivity is associated with changes in negative emotion in 24-month-olds. *Developmental Psychobiology*, *46*, 118-132. PMID: 15732055.

Park, J-H., Essex, M. J., Zahn-Waxler, C., Armstrong, J. M., Klein, M. H. & Goldsmith, H. H. (2005). Relational and overt aggression in middle childhood: Early child and family risk factors. *Early Education & Development*, *16*, 233-256.

Goldsmith, H. H., & Davidson, R. J. (2004). Disambiguating the components of emotion regulation. *Child Development*, *74*, 361-365. PMID: 15056191.

- Buss, K. A., Davidson, R. J., Kalin, N. H., & Goldsmith, H. H. (2004). Context specific freezing and associated physiological reactivity as a dysregulated fear response. *Developmental Psychology, 40*, 583-594. PMID: 15238045.
- Nigg, J. T., Goldsmith, H. H., & Sachek, J. (2004). Temperament and Attention-Deficit/Hyperactivity Disorder: The development of a multiple pathway model. *Journal of Clinical Child and Adolescent Psychology, 33*, 42-53. PMID: 15028540.
- Goldsmith, H. H., Lemery, K. S., & Essex, M. J. (2004). Temperament as a liability factor for childhood behavioral disorders: The concept of liability. In L. F. DiLalla (Ed.). *Behavior genetics principles: Perspectives in development, personality, and psychopathology* (pp. 19-39). Washington, DC: American Psychological Association.
- Van Hulle, C. A., Goldsmith, H. H., & Lemery, K. S. (2004). Genetic, environmental, and gender effects on individual differences in toddler expressive language. *Journal of Speech, Language, and Hearing Research, 47*, 904-912. PMID: 15324294.
- Hyde, J. S., Else-Quest, N. M., Goldsmith, H. H., & Biesanz, J. C. (2004). Children's temperament and behavior problems predict their employed mothers' work functioning. *Child Development, 75*, 580-594. PMID: 15056207.
- Goldsmith, H. H., Gernsbacher, M. A., Crabbe, J., Dawson, G., Gottesman, I. I., Hewitt, J., McGue, M., Pedersen, N., Plomin, R., Rose, R. J., & Swanson, J. (2003). Comment: Research psychologists' roles in the genetic revolution. *American Psychologist, 58*, 318-319. PMID: 12866398.
- Buss, K. A., Schumacher, J. R., Dolski, I., Kalin, N. H., Goldsmith, H. H., & Davidson, R. J. (2003). Right frontal brain activity, cortisol, and withdrawal behavior in 6-month-old infants. *Behavioral Neuroscience, 117*, 11-20. PMID: 12619903.
- Goldsmith, H. H. (2003). Gene-to-behavior pathways. In D. N. Cooper (Ed.) *Nature Encyclopedia of the Human Genome*, vol. 2, pp. 968-971. London: Nature Publishing Group.
- Essex, M. J., Goldsmith, H. H., Smider, N. A., Dolski, I., Sutton, S. K., & Davidson, R. J., (2003). Comparison of video- and EMG-based evaluations of the amplitude of children's emotion-modulated startle response. *Behavior Research Methods, Instruments, and Computers, 35*, 590-598. PMID: 14748503.
- Nigg, J., & Goldsmith, H. H. (2003). Personality and temperament. In D. N. Cooper (Ed.) *Nature Encyclopedia of the Human Genome*, vol. 4, pp. 549-556. London: Nature Publishing Group. (later incorporated into *Encyclopedia of Life Sciences*, www.eLS.net)
- Aksan, N., & Goldsmith, H. H. (2003). Temperament and guilt representations in children's narratives. In R. N. Emde, D. P. Wolf, & D. Oppenheim (Eds.), *Revealing the Inner Worlds of Young Children: The MacArthur Story Stem Battery and Parent-Child Narratives* (pp. 129-146). New York: Oxford University Press.

- Goldsmith, H. H., & Hewitt, E. (2003). Validity of parental report of temperament: Distinctions and needed research. *Infant Behavior and Development, 26*, 108-111.
- Goldsmith, H. H. (2003). Genetics of emotional development. In R. J. Davidson, K. Scherer, & H. H. Goldsmith (Eds.). *Handbook of Affective Sciences* (pp. 300-319). New York: Oxford University Press.
- Entries in Handbook:
- Goldsmith, H. H. (2003). Introduction: Genetics and Development. In R. J. Davidson, K. Scherer, & H. H. Goldsmith (Eds.). *Handbook of Affective Sciences* (pp. 295-299). New York: Oxford University Press.
- Goldsmith, H. H., & Davidson, R. J. (2003). Introduction: Personality. In R. J. Davidson, K. Scherer, & H. H. Goldsmith (Eds.). *Handbook of Affective Sciences* (pp. 677-680). New York: Oxford University Press.
- Davidson, R. J., Scherer, K., & Goldsmith, H. H. (2003). Introduction: Neuroscience. In R. J. Davidson, K. Scherer, & H. H. Goldsmith (Eds.). *Handbook of Affective Sciences* (pp. 3-7). New York: Oxford University Press.
- Pfeifer, M., Goldsmith, H. H., Davidson, R. J., & Rickman, M. (2002). Continuity and change in inhibited and uninhibited children. *Child Development, 73*, 1474-1485. PMID: 12361313.
- Smider, N. A., Essex, M. J., Kalin, N. H., Buss, K. A., Klein, M. H., Davidson, R. J., & Goldsmith, H. H. (2002). Salivary cortisol as a predictor of socio-emotional adjustment during kindergarten: A prospective study. *Child Development, 73*, 75-92. PMID: 14717245.
- Van Hulle, C. A., Lemery, K. S., & Goldsmith, H. H. (2002). Wisconsin Twin Panel. *Twin Research, 5*, 1-4. PMID: 12537886.
- Costello, E. J., Pine, D. S., Hammen, C. March, J. S., Plotsky, P. M., Weissman, M. M., Biederman, J., Goldsmith, H. H., Kaufman, J., Lewinsohn, P. M., Hellander, M., Hoagwood, K., Koretz, D. S., Nelson, C. A., & Leckman, J. F. (2002). Development and natural history of mood disorders. *Biological Psychiatry, 52*, 529-542. PMID: 12361667.
- Miech, R., Essex, M. J., & Goldsmith, H. H. (2001). Socioeconomic status and the adjustment to school: The role of self regulation during early childhood. *Sociology of Education, 74*, 102-120.
- Lemery, K. S. & Goldsmith, H. H. (2001). Genetic and environmental influences on preschool sibling cooperation and conflict: Associations with difficult temperament and parenting style. *Marriage and Family Review, 33*, 77-99. Co-published simultaneously in K. Deater-Deckard & S. A. Petrill (Eds.), *Gene-environment Processes in Social Behaviors and Relationships*. New York: The Haworth Press.

- Goldsmith, H. H., Aksan, N., Essex, M., Smider, N., & Vandell, D. (2001). Temperament and socioemotional adjustment to kindergarten: A multi-informant perspective. In T. D. Wachs & G. A. Kohnstamm (Eds.), *Temperament in Context* (pp. 103-138). Mahwah, NJ: Erlbaum.
- Goldsmith, H. H., Lemery, K., Aksan, N., & Buss, K. A. (2000). Temperamental substrates of personality development. In D. Molfese & V. Molfese (Eds.), *Temperament and Personality Development across the Lifespan* (pp. 1-32). Mahwah, NJ: Erlbaum.
- Goldsmith, H. H., & Lemery, K. S. (2000). Linking temperamental fearfulness and anxiety symptoms: A behavior-genetic perspective. *Biological Psychiatry*, *48*, 1199-1209. PMID: 11137060.
- Goldsmith, H. H., Lemery, K. S., Buss, K. A., & Campos, J. J. (1999). Genetic analyses of focal aspects of infant temperament. *Developmental Psychology*, *35*, 972-985. PMID: 10442866.
- Lemery, K. S., & Goldsmith, H. H. (1999). Genetically informative designs for the study of behavioural development. *International Journal of Behavioral Development*, *23*, 293-317.
- Aksan, N., Goldsmith, H. H., Smider, N., Essex, M., Clark, R., Hyde, J., Klein, M., & Vandell, D. (1999). Derivation and prediction of temperamental types among preschoolers. *Developmental Psychology*, *35*, 958-971. PMID: 10442865.
- Lemery, K. S., Goldsmith, H. H., Klinnert, M. D., & Mrazek, D. A. (1999). Developmental models of infant and childhood temperament. *Developmental Psychology*, *35*, 189-204. PMID: 9923474.
- Leve, L. D., Winebarger, A. A., Fagot, B. I., Reid, J. B., & Goldsmith, H. H. (1998). Environmental and genetic variance in children's observed and reported maladaptive behavior. *Child Development*, *69*, 1286-1298. PMID: 9839416.
- Buss, K. A., & Goldsmith, H. H. (1998). Fear and anger regulation in infancy: Effects on the temporal dynamics of affective expression. *Child Development*, *69*, 359-374. PMID: 9586212.
- Nigg, J.T. & Goldsmith, H.H. (1998). Developmental psychopathology, personality, and temperament: reflections of recent behavioral genetics research. *Human Biology*, *70*, 387-412. PMID: 9549245.
- Losoya, S.H., Callor, S., Rowe, D.C., & Goldsmith, H.H. (1997). Origins of familial similarity in parenting: A study of twins and adoptive siblings. *Developmental Psychology*, *33*, 1012-1023. PMID: 9383623.
- Goldsmith, H. H., Buss, K. A., & Lemery, K. S. (1997). Toddler and childhood temperament: expanded content, stronger genetic evidence, new evidence for the importance of environment. *Developmental Psychology*, *33*, 891-905. PMID: 9383612.

- Goldsmith, H.H., Bihun, J.T. (1997). Conceptualizing genetic influences on early behavioral development. *Acta Paediatrica*, 422, 54-59. PMID: 9298794.
- Gottesman, I. I., Goldsmith, H. H. , & Carey, G. (1997). A developmental *and* a genetic perspective on aggression. In N. L. Segal, G. E. Weisfeld, & C. C. Weisfeld (Eds.), *Uniting Psychology and Biology*. (pp. 107-130). Washington, DC: American Psychological Association.
- Goldsmith, H. H., Gottesman, I. I., & Lemery, K. S. (1997). Epigenetic approaches in developmental psychopathology. *Development and Psychopathology*, 9, 365-387. PMID: 9201449.
- Goldsmith, H. H. (1996). Studying temperament via construction of the Toddler Behavior Assessment Questionnaire. *Child Development*, 67, 218-235. PMID: 8605830.
- Goldsmith, H. H., Sutton, S., Flannery, P., Pfeifer, M., & Davidson, R. J. (1996). Approach and avoidance as components of early emotional development. In N. Frijda (Ed.). *Proceedings of the IXth Conference of the International Society for Research on Emotions*. ISRE Publications, Storrs, CT.
- Goldsmith, H. H., & Gottesman, I. I. (1996). Heritable variability and variable heritability in developmental psychopathology. In M. F. Lenzenweger & J. Haugaard (Eds.). *Frontiers in Psychopathology* (pp. 5-43). New York: Oxford University Press.
- Turkheimer, E., Goldsmith, H. H., & Gottesman, I. I. (1995). Commentary on G. Gottlieb's, "Some conceptual deficiencies in 'developmental' behavior genetics." *Human Development*, 38, 142-153.
- National Advisory Mental Health Council. (1995). Basic Behavioral Science Research for Mental Health (137 pp). Washington, DC: U.S. Government Printing Office. (reprinted in part in *American Psychologist*, 50, 485-503 and in *Psychological Science*, 6, 192-202. (principal coauthor of chapter 1, Emotion and Motivation, and contributor to other sections)
- Nigg, J. T., & Goldsmith, H. H. (1994). Genetics of personality disorders: Perspectives from personality and psychopathology research. *Psychological Bulletin*, 115, 346-380. PMID: 8016285.
- Goldsmith, H. H., Losoya, S. H., Bradshaw, D. L., & Campos, J. J. (1994). Genetics of personality: A twin study of the five factor model and parental-offspring analyses. In C. Halverson, R. Martin, & G. Kohnstamm (Eds.) *The Developing Structure of Temperament and Personality from Infancy to Adulthood* (pp. 241-265). Hillsdale, NJ: Erlbaum.
- Goldsmith, H. H. (1994). Genetics of emotional development. In N. Frijda (Ed.). *Proceedings of the VIIIth Conference of the International Society for Research on Emotions* (pp. 252-256). ISRE Publications, Storrs, CT.

- Gottesman, I. I., & Goldsmith, H. H. (1994). Developmental psychopathology of antisocial behavior: Inserting genes into its ontogenesis and epigenesis. In C. Nelson (Ed.), *Threats to Optimal Development: Integrating Biological, Social, and Psychological Risk Factors*. (vol. 27) Minnesota Symposium on Child Development (pp. 69-104). Hillsdale, NJ: Erlbaum.
- Goldsmith, H. H. (1994). Parsing the emotional domain from a developmental perspective. In R. J. Davidson & P. Ekman (Eds.). *The Nature of Emotion*. (pp. 68-73). New York: Oxford University Press.
- Goldsmith, H. H. (1994). The behavior-genetic approach to development and experience: Contexts and constraints. *SRCD Newsletter* (winter, 1994).
- Goldsmith, H. H., & Harman, C. (1994). Temperament and attachment, individuals and relationships. *Current Directions in Psychological Science*, 3, 53-57.
- McCartney, K., Biryukov, S. D., Borke, P., Buss, D. M., Goldsmith, H. H., Kline, P., Loehlin, J. C., Maier, W., Nothen, M., Pedersen, N. L., Schepank, H., & Waller, N. (1993). Group report: What can twin studies contribute to the understanding of personality? In T. J. Bouchard & P. Propping (Eds.), *Twins as a Tool of Behavioral Genetics* (pp. 165-178). Chichester, U.K.: Wiley. Dahlem Workshop Report LS 53.
- Goldsmith, H. H. (1993). Nature-nurture issues in the behavioral genetics context: Overcoming barriers to communication. In R. Plomin & G. McClearn (Eds.), *Nature, Nurture, and Psychology*. (pp. 325-339). Washington, DC: American Psychological Association.
- Goldsmith, H. H. (1993). Nature-nurture and the development of personality: Introduction. In R. Plomin & G. McClearn, (Eds.), *Nature, Nurture, and Psychology* (pp. 155-160) Washington, DC: American Psychological Association.
- Goldsmith, H. H. (1993). Temperament: Variability in developing emotion systems. In M. Lewis & J. M. Haviland, (Eds.), *Handbook of Emotions* (pp. 353-364). New York: Guilford Publications.
- Gernsbacher, M. A., Goldsmith, H. H., & Robertson, R. W. R. (1992). Do readers mentally represent characters' emotional states? *Cognition and Emotion*, 6, 89-111.
- Goldsmith, H. H. (1991). A zygosity questionnaire for young twins: A research note. *Behavior Genetics*, 21, 257-269. PMID: 1863259.
- Goldsmith, H. H., Rieser-Danner, L. A., & Briggs, S. (1991). Evaluating convergent and discriminant validity of temperament questionnaires for preschoolers, toddlers, and infants. *Developmental Psychology*, 27, 566-579.

- Goldsmith, H. H. & Rothbart, M. K. (1991). Contemporary instruments for assessing early temperament by questionnaire and in the laboratory. In J. Strelau & A. Angleitner (Eds.). *Explorations in Temperament* (pp. 249-272). New York: Plenum Press.
- Goldsmith, H. H., & Campos, J. J. (1990). The structure of temperamental fear and pleasure in infants: A psychometric perspective. *Child Development, 61*, 1944-1964. PMID: 2083507.
- Goldsmith, H. H. (1990). Adopting a behavior-genetic approach to development. *Contemporary Psychology, 35*, 752-754.
- McArdle, J. J., & Goldsmith, H. H. (1990). Alternative common factor models for multivariate biometric analyses. *Behavior Genetics, 20*, 569-608. PMID: 2288547.
- Goldsmith, H. H., & Rieser-Danner, L. (1990). Assessing early temperament. In C. R. Reynolds & R. Kamphaus (Eds.). *Handbook of Psychological and Educational Assessment of Children. (vol. 2) Personality, Behavior, and Context* (pp. 345-378). New York: Guilford Press.
- Goldsmith, H. H. (1989). Behavior-genetic approaches to temperament. In Kohnstamm, G. A., Bates, J. E., & Rothbart, M. K. (Eds.). *Temperament in Childhood* (pp. 111-132). Chichester, U.K.: Wiley.
- Goldsmith, H. H. (1988). Human developmental behavioral genetics: Mapping the effects of genes and environments. *Annals of Child Development, 5*, 187-227.
- Goldsmith, H. H., & Alansky, J. A. (1987). Maternal and infant temperamental predictors of attachment: A meta-analytic review. *Journal of Consulting and Clinical Psychology, 55*, 805-816. PMID: 3320116.
- Bradshaw, D. L., Goldsmith, H. H., & Campos, J. J. (1987). Attachment, temperament, and social referencing: Interrelations among three domains of infant affective behavior. *Infant Behavior and Development, 10*, 223-231.
- Goldsmith, H. H. (1987). Developmental psychology meets behavioral genetics at the foot of the Rockies. *Contemporary Psychology, 32*, 316-318.
- Goldsmith, H. H., Buss, A. H., Plomin, R., Rothbart, M. K., Thomas, A., Chess, S., Hinde, R. A., & McCall, R. B. (1987). Roundtable: What is temperament? Four approaches. *Child Development, 58*, 505-529. (Both introductory article and roundtable contribution included). PMID: 3829791.
- Goldsmith, H. H., & Rieser-Danner, L. (1986). Variation among temperament theories and validation studies of temperament assessment. In G. A. Kohnstamm (Ed.). *Temperament Discussed: Temperament and Development in Infancy and Childhood*. (pp. 1-9). Lisse, The Netherlands: Swets & Zeitlinger.

- Goldsmith, H. H., Bradshaw, D. L., & Rieser-Danner, L. A. (1986). Temperament as a potential developmental influence on attachment. In J. V. Lerner & R. M. Lerner (Eds.), *New Directions for Child Development: Temperament and Psychosocial Interaction in Infancy and Childhood* (pp. 5-34). San Francisco: Jossey-Bass.
- Goldsmith, H. H. (1986). Heritability of temperament: Cautions and some empirical evidence. In G. A. Kohnstamm (Ed.), *Temperament Discussed: Temperament and Development in Infancy and Childhood* (pp. 83-96). Lisse, The Netherlands: Swets & Zeitlinger.
- Goldsmith, H. H., & Campos, J. J. (1986). Fundamental issues in the study of early temperament: The Denver Twin Temperament Study. In M. E. Lamb, A. L. Brown, & B. Rogoff (Eds.) *Advances in Developmental Psychology* (vol. 4) (pp. 231-283). Hillsdale, NJ: Erlbaum.
- Rothbart, M. K., & Goldsmith, H. H. (1985). Three approaches to the study of infant temperament. *Developmental Review*, 5, 237-250.
- Goldsmith, H. H. (1984). Continuity of personality: A genetic perspective. In R. N. Emde & R. J. Harmon (Eds.), *Continuities and Discontinuities in Development* (pp. 403-413). New York: Plenum Press.
- Gernsbacher, M. A., & Goldsmith, H. H. (1983). The evaluation of cognitive constructs using structural equation modeling. *Proceedings of the Cognitive Sciences Society*. Rochester, NY.
- Goldsmith, H. H. (1983). Childhood temperament research reaches its adolescence. *Contemporary Psychology*, 28, 587-589.
- Goldsmith, H. H. (1983). Review of *The Inheritance of Personality and Abilities* by R. B. Cattell. *American Scientist*, 71, 205-206.
- Goldsmith, H. H. (1983). Genetic influences on personality from infancy to adulthood. *Child Development*, 54, 331-355. PMID: 6347550.
- Campos, J. J., Barrett, K., Lamb, M. E., Goldsmith, H. H., & Stenberg, C. (1983). Socioemotional development. In M. M. Haith & J. J. Campos (Eds.), *Infancy and Developmental Psychobiology (Vol. 2)*. In P. H. Mussen (Series Ed.). *Handbook of Child Psychology*, fourth edition (pp. 783-915). New York: Wiley.
- Connell, J. P., & Goldsmith, H. H. (1982). A structural modeling approach to the study of the development of attachment. In R. N. Emde & R. J. Harmon (Eds.). *The Development of Attachment and Affiliative Systems* (pp. 213-243). New York: Plenum Press.
- Goldsmith, H. H., & Campos, J. J. (1982). Toward a theory of infant temperament. In R. N. Emde & R. J. Harmon (Eds.). *The Development of Attachment and Affiliative Systems* (pp. 161-193). New York: Plenum Press.

- Horn, J. L., & Goldsmith, H. H. (1981). Reader be cautious: A review of Bias in Mental Testing by Arthur R. Jensen. *American Journal of Education*, 89, 305-329. [Essay/Review] <https://doi.org/10.1086/443583>
- Goldsmith, H. H., & Gottesman, I. I. (1981). Origins of variation in behavioral style: A longitudinal study of temperament in young twins. *Child Development*, 52, 91-103. PMID: 7195330.
- Goldsmith, H. H. (1978). *Behavior genetic analyses of early personality (temperament): Developmental perspectives from the longitudinal study of twins during infancy and early childhood*. Doctoral dissertation, University of Minnesota.
- Carey, F. G., Goldsmith, H. H., Gottesman, I. I., & Tellegen, A. (1978). Genetics and personality inventories: The limits of replication with twin data. *Behavior Genetics*, 8, 299-314.
- Goldsmith, H. H. (1977). *Functional brain asymmetry as a factor in psychopathological disorders and temperament*. Candidacy paper submitted to the Department of Psychology, University of Minnesota.
- Gottesman, I. I., & Goldsmith, H. H. (1977). Bases of personality variance. *Science*, 869-870. [Review of *Heredity, Environment, and Personality* by J. C. Loehlin & R. C. Nichols.] PMID: 17783162.
- Goldsmith, H. H., & Gottesman, I. I. (1977). An extension of construct validity for personality scales using twin-based criteria. *Journal of Research in Personality*, 6, 467-471.
- Goldsmith, H. H., & Anderson, V. E. (1976). Inherited inadequate uterine environment leading to mental retardation: Negative evidence in pedigree data. *Behavior Genetics*, 6, 467-471. PMID: 988823.

Technical Reports:

- Buss, K.A., & Goldsmith, H.H. (2000). *Manual and normative data for the Laboratory Temperament Assessment Battery – Toddler Version*. Psychology Department Technical Report, University of Wisconsin–Madison.
- Goldsmith, H. H. & Rothbart, M. K. (1988). *The Laboratory Temperament Assessment Battery (LAB-TAB): Locomotor Version, Edition 1.2*. Oregon Center for the Study of Emotion technical report #88-01. (plus corresponding version of the prelocomotor battery manual)
- Goldsmith, H. H. & Rothbart, M. K. (1992). *The Laboratory Temperament Assessment Battery (LAB-TAB): Locomotor Version 2.0*. Technical manual, Department of Psychology, University of Oregon, Eugene, OR. (plus corresponding version of the prelocomotor battery manual)

Goldsmith, H. H. & Rothbart, M. K. (1996). *The Laboratory Temperament Assessment Battery (LAB-TAB): Locomotor Version 3.0*. Technical manual, Department of Psychology, University of Wisconsin, Madison, WI. (plus corresponding version of the prelocomotor battery manual)

Bradshaw, D. L., Goldsmith, H. H., & Campos, J. J. (1988). *Attachment, temperament, and social referencing: Interrelations among three domains of infant affective behavior* (an extended version). Oregon Center for the Study of Emotion technical report #88-02.

Goldsmith, H. H. (1988). Preliminary manual for the *Toddler Behavior Assessment Questionnaire*. Oregon Center for the Study of Emotion technical report. #88-04.

Goldsmith, H. H., Reilly, J., Lemery, K. S., Longley, S., and Prescott, A. (1993). *Preliminary manual for the Preschool Laboratory Temperament Assessment Battery* (version 1.0). Technical Report, Department of Psychology, University of Wisconsin-Madison.

Conference Presentations and Published Abstracts (2008 – current only)

2014: (first 4 months)

Goldsmith, H. H., Burghy, C. A., Molloy, E., Stodola, D. E., Schmidt, N., Van Hulle, C., Cornejo, M. A., Kalluru, S., Davidson, R. J., & Birn, R. M. (2014, March). Intra-pair differences in childhood cortisol predict differences in affect-relevant brain function in adolescent monozygotic twins. To be presented at the meeting of the Society for Research in Adolescence, Austin, TX.

Moore, M. N., Brooker, R., & Goldsmith, H. H. (2014, May). Parsing fear and inhibition in social and non-social contexts. To be presented at the meeting of the Midwestern Psychological Association. Chicago, IL.

Fruth, A., Miller, M., & Goldsmith, H. H. (2014, May). Positive affect and social-emotional development from 6 to 36 months. To be presented at the meeting of the Midwestern Psychological Association. Chicago, IL.

Van Hulle, C. A. Lemery-Chalfant, K. S., & Goldsmith, H. H. (2014, April). Behavior problems are more severe among children with co-morbid sensory over-responsivity. To be presented at the meeting of the Society for Affective Science, Bethesda, MD.

2013:

Adluru, N., Burghy, C. A., Doran, S., Schmidt, N. L., Stodola, D. E., Van Hulle, C. A., Goldsmith, H. H., Davidson, R. J., & Alexander, A. L. (2013, April). Monozygotic twin discordance in early generalized anxiety predicts later differences in prefrontal white matter connections. Presented at the meeting of the Society for Research in Child Development Conference, Seattle, WA.

Lancour, D. Van Hulle, C. A., Lemery-Chalfant, K. S. & Goldsmith, H.H. (2013, October). Predicting pediatric anxiety from an aggregate of serotonin-related risk alleles. Paper presented at the 21st World Congress of Psychiatric Genetics, Boston, MA.

Clifford, S., Swann, G., Lemery-Chalfant, K. & Goldsmith, H. H. (2013, April). Moderating influence of DAT1 and sex on the association between diurnal cortisol and externalizing

in middle childhood. Presented at the meeting of the Society for Research in Child Development, Seattle, WA.

Burghy, C. A., Molloy, E. K., Stodola, D. E., Van Hulle, C. A., Cornejo, M. D., Schmidt, N. L., Kalluru, S., Doran, S., Goldsmith, H. H., Davidson, R. J., & Birn, R. (2013, April). Intra-pair differences in childhood HPA-axis function predict adolescent differences in amygdala-based affective brain function in monozygotic twins. Poster presented at the meeting of the Society for Research in Child Development, Seattle, WA.

Moore, M. N., Brooker, R., & Goldsmith, H. H. (2013, April). Associations between early stranger fear trajectories and social anxiety in middle childhood. Presented at the meeting of the Society for Research in Child Development, Seattle, WA.

Kennedy, K. K., Moore, M. N., & Goldsmith, H. H. (2013, April) Interactive effects of biological sensitivity to context and parenting behavior on child depression outcomes. Presented at the meeting of the Society for Research in Child Development, Seattle, WA.

Gagne, J. R., O'Sullivan, D. L., Schmidt, N. L., Spann, C. A., & Goldsmith, H. H. (2013, June). The genetic etiology of attentional control and anxiety in adolescence. Presented at the meeting of the Behavior Genetics Association, Marseille, France.

Van Hulle, C. A., Moore, M. N., Shirtcliff, B. A., Lemery-Chalfant, K., & Goldsmith, H. H. (2013, April). Genetic and environmental contributions to covariation between DHEA and testosterone in adolescent twins: Evidence for sex differences. Presented at the meeting of the Society for Research in Child Development, Seattle, WA.

Brooker, R. J., Buss, K. A., Lemery-Chalfant, K., Aksan, N., Davidson, R. J., & Goldsmith, H. H. (2013, May). Heterogeneity in early development predicts individual differences in behavior problems. Presented at the meeting of the Midwestern Psychological Association, Chicago, IL.

Hedberg, C. R., Brooker, R. J., & Goldsmith, H. H. (2013, April). Gender differences in cardiac reactivity in response to social stress. Poster presented at the Wisconsin Symposium on Emotion, Madison, WI.

2012: (partial list)

Javaras, K. N., Davidson, R. J., Schmidt, N. L., Armstrong, J. M., Klein, M., Essex, M.J., & Goldsmith, H.H. (2012, September) Childhood temperament as a risk factor for adolescent and early adult overweight/obese. Presented at the meeting of the Obesity Society. San Antonio, TX.

Roberts, A., Van Hulle, C. A. & Goldsmith, H. H. (2012, May). FKBP5, NPY, Behavioral Inhibition, and Socioeconomic Status as Risk Factors for Adolescent Social Anxiety. Presented at the meeting of the Society of Biological Psychiatry. Philadelphia, PA.

O'Brien, T. C., Lemery-Chalfant, K., & Goldsmith, H. H. (2012). Using twin modeling to understand differing patterns of gene-environment interplay across age and reporter. Presented at the Society for Research in Child Development Themed Meeting: Developmental Methodology, Tampa, FL.

Araica, E. Clifford, S., Lemery-Chalfant, K. & Goldsmith, H. H. (2012, June). Inhibitory control in childhood mediates the association between the mu-Opioid Receptor Gene and Adolescent Oppositional Defiant Disorder. Presented at the meeting of the Behavior Genetics Association, Edinburgh, U.K.

2011:

O'Brien, T., Kathryn Lemery-Chalfant, K, Goldsmith, H. (2012). Using Twin Modeling to Understand Differing Patterns of Gene-Environment Interplay Across Age and

- Reporter. Presented at the SRCD Themed Meeting: Developmental Methodology. Tampa, FL.
- Moore, M. N., Van Hulle, C., Shirtcliff, E. A., Essex, M. J., Lemery-Chalfant, K., & Goldsmith, H. H. (2011, September). Corticotropin-releasing hormone receptor1 SNPs interact with stress to predict depression longitudinally. Presented at World Congress on Psychiatric Genetics, Washington, DC.
- Lemery-Chalfant, K., & Goldsmith, H. H. (2011, April). Anxiety and depression in middle childhood: COMT genotype, gender, and dopamine in the prefrontal cortex. Presented at the meeting of the Society for Research in Child Development, Montreal, Canada.
- Van Hulle, C. A., Shirtcliff, E. A., Lemery-Chalfant, K., & Goldsmith, H. H. (2011, April). Genetic and environmental influences on individual differences in cortisol level and circadian rhythm. Presented at the meeting of the Society for Research in Child Development, Montreal, Canada.
- Burk, L. R., Essex, M. J., Armstrong, J. M., Goldsmith, H. H., & Boyce, W. T. (2011, April). Child biobehavioral reactivity moderates effects of teacher-child relationships on the development of adolescent mental health. Presented at the meeting of the Society for Research in Child Development, Montreal, Canada.
- Lemery-Chalfant, K., O'Brien, T. C., & Goldsmith, H. H. (2011, June). Quadratic COMT x sex predicts anxiety and depression in middle childhood. Presented at the meeting of the Behavior Genetics Association, Newport, RI.
- Van Hulle, C. A., Shirtcliff, E., Lemery-Chalfant, K., O'Brien, T. C., & Goldsmith, H. H. (2011, June). Both basal cortisol and CRHR1 gene variants predict fearfulness in middle childhood. Presented at the meeting of the Behavior Genetics Association, Newport, RI.
- Gagne, J. R., Lemery-Chalfant, K., & Goldsmith, H. H. (2011, June). Longitudinal analyses of inhibitory control and ADHD-related behavior problems and symptoms: Toddlerhood, first grade and early adolescence. Presented at the meeting of the Behavior Genetics Association, Newport, RI.
- O'Brien, T. C., Lemery-Chalfant, K., & Goldsmith, H. H. (2011, June). Dopamine and vasopressin moderate the influence of mother and father warmth on externalizing and competence behaviors across childhood and adolescence. Presented at the meeting of the Behavior Genetics Association, Newport, RI.
- Swann, G., Lemery-Chalfant, K., O'Brien, T. C., & Goldsmith, H. H. (2011, June). MAOA as a plasticity gene that moderates the association between harsh physical discipline and externalizing symptoms in girls. Presented at the meeting of the Behavior Genetics Association, Newport, RI.
- Clifford, S., Lemery-Chalfant, K., O'Brien, T. C., & Goldsmith, H. H. (2011, June). Serotonin transporter genotype moderates the association between socioeconomic status and anxiety in children. Presented at the meeting of the Behavior Genetics Association, Newport, RI.
- Kao, K., Lemery-Chalfant, K., & Goldsmith, H. H. (2011, June). Shared environment moderates the heritability of temperament in childhood. Presented at the meeting of the Behavior Genetics Association, Newport, RI.

2010:

- Cleary, T. L., Lemery-Chalfant, K., O'Brien, T. C., & Goldsmith, H. H. (2010, October). FKBP5 and BDNF synergistically moderate the impact of socio-economic status on childhood depression. Presented at World Congress on Psychiatric Genetics, Athens, Greece.
- Lemery-Chalfant, K., & Goldsmith, H. H. (2011, April). Anxiety and depression in middle

- childhood: COMT genotype, gender, and dopamine in the prefrontal cortex. Submitted to Society for Research in Child Development, Montreal, Canada.
- Lemery-Chalfant, K., O'Brien, T. C., & Goldsmith, H. H. (2010, October). Children's effortful control and the mu-opioid receptor gene: Gene-environment interactions and moderated mediation. Presented at World Congress on Psychiatric Genetics, Athens, Greece.
- O'Brien, T. C., Lemery-Chalfant, K., & Goldsmith, H. H. (2010, June). Neuropeptide Y moderates the impact of childhood stress on behavior problems. Presented at the Behavior Genetics Association, Seoul, Korea.
- Yee, C., Lemery-Chalfant, K., O'Brien, T. C., & Goldsmith, H. H. (2010, October). NPY buffers the associations between CRHR1 and FKBP5 and childhood depression symptoms. Presented at World Congress on Psychiatric Genetics, Athens, Greece.
- Gagne, J. R., Vendlinski, M. K., Lemery-Chalfant, K. & Goldsmith, H. H. (2010, June). Parent and laboratory-assessed inhibitory control and related behavior problems at 7-8 years of age. Paper presented at the 13th International Congress on Twin Studies, Seoul, South Korea.
- Gagne, J. R., Williams, W. C., Volbrecht, M. M. & Goldsmith, H. H. (2010, June). The Genetics of Emotional Ontogeny Project: Mother ratings of temperament at 6, 12 and 36 months. Paper presented at the 40th Annual Meeting of the Behavior Genetics Association, Seoul, South Korea.
- Stevenson, J. L., Schweigert, E. K., Stilp, R. L., Goldsmith, H. H., & Gernsbacher, M. A. (2010, April). Praxis predicts imitation and communication. Oral presentation given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Vendlinski, M. K., Javaras, K. N., Van Hulle, C. A., Schmidt, N. L., Lemery-Chalfant, K., & Goldsmith, H. H. (in press). A latent class analysis of childhood mental health symptoms. *Behavior Genetics*.
- Gagne, J. R., Vendlinski, M. K., Lemery-Chalfant, K., & Goldsmith, H. (2010). Parent and laboratory-assessed inhibitory control and related behavior problems at 7-8 years of age. *Twin Research and Human Genetics*, 13, 257-258.
- Heath, P., Vendlinski, M. K., Schmidt, N. L., Lemery-Chalfant, K., & Goldsmith, H. H. (2010). Adolescent twin relationships: Evidence for non-heritable variation in adolescent twin relationships. *Twin Research and Human Genetics*, 13, 263.
- Chow, O., Vendlinski, M. K., Schmidt, N. L., Van Hulle, C. A., Lemery-Chalfant, K., & Goldsmith, H. H. (2010, June). Effortful control predicts twin relationship quality from middle childhood to adolescence. Poster presented at the International Congress on Twin Studies Conference, Seoul, South Korea.
- Hudson, M., Vendlinski, M. K., & Goldsmith, H. H. (2010, April). Gender differences in relational aggression: A longitudinal study. Poster presented at the Undergraduate Symposium, Madison, Wisconsin.
- Weiskotten, S. M. & Goldsmith, H. H. (2010, April). Stability and Heritability of Social Inhibition in Childhood and Adolescence. Poster presented at the Undergraduate Symposium, Madison, Wisconsin.
- Keuler, M. K., Schmidt, N. L., & Goldsmith, H. H. (2010, April). don't have title, but I emailed her. Poster presented at the Undergraduate Symposium, Madison, Wisconsin.
- Keuler, M., Schmidt, N. L., Van Hulle, C. A., Lemery-Chalfant, K., & Goldsmith, H. H. (2010, June). Sensory Over-Responsivity: Temperament Contributions and Prenatal Implications. *Behavior Genetics*. (abstract).

2009

- Symposium organizer, *A New Generation of Twin Studies of Autism*, Society for Research in Child Development, Denver, CO.
- Chow, O. K., Schmidt, N., Lemery-Chalfant, K. & Goldsmith, H. H. (2009, May). Sibling extraversion similarity predicts sibling relationship quality across childhood and adolescence. Poster presented at the Association for Psychological Science, San Francisco, CA.
- Dribin, A. E., Buss, K. A., Lemery-Chalfant, K., Davidson, R. J., & Goldsmith, H. H. (2009, April). Behavioral reactivity, cardiovascular reactivity, and behavior problem symptoms in middle childhood. Society for Research in Child Development, Denver, CO.
- Gagne, J. R., Vendlinski, M. K., Lemery-Chalfant, K., & Goldsmith, H. H. (2009, June). A twin study of inhibitory control in toddlerhood and related behavior problems at 7-8 years of age. Paper presented at the Behavior Genetics Association, Minneapolis, MN. *Behavior Genetics* (2009) volume 39.
- Gagne, J. R., Buss, K. A., & Goldsmith, H. H. (2009, April). Associations among emotional reactivity, parental stress and cortisol reactivity in infancy. Paper presented at the Society for Research in Child Development, Denver, CO.
- Gagne, J. R., Volbrecht, M. M., & Goldsmith, H. H. (June, 2009). A behavior genetic investigation of parent- and laboratory-assessed fear from infancy to early childhood. Paper presented at the Behavior Genetics Association, Minneapolis, MN. *Behavior Genetics* (2009) volume 39.
- Goldsmith, H. H., Schweigert, E. K., Hefter, R. L., Gottesman, I. I. & Gernsbacher, M. A. (2009, April). Twin concordance for autism: Analyses using multiple diagnostic criteria in a population-based twin study. Paper presented at the Society for Research in Child Development, Denver, CO.
- Goldsmith, H. H., Schweigert, E. K., Hefter, R. L., Stevenson, J., Oden, K., Gottesman, I. I., Gernsbacher, M. A. (2009, June). A twin study of the autism spectrum using contemporary diagnostic criteria. Paper presented at the Behavior Genetics Association, Minneapolis, MN. *Behavior Genetics* (2009) volume 39.
- O'Brien, T. C., Lemery-Chalfant, K., & Goldsmith, H. H. (2009). A monozygotic twin difference score approach to parenting as a nonshared environmental influence on behavior problem symptoms. Paper presented at the Behavior Genetics Association, Minneapolis, MN. *Behavior Genetics* (2009) volume 39.
- O'Brien, T. C., Lemery-Chalfant, K., Van Hulle, C., Sulik, M. J., & Goldsmith, H. H. (2009, April). Twin and non-twin sibling influences on observed empathy. Poster presented at the Society for Research in Child Development, Denver, CO.
- O'Brien, T. C., Lemery-Chalfant, K., & Goldsmith, H. H. (2009, April). The roles of genes and parenting on behavior problems and competencies across early childhood. Paper presented at the Society for Research in Child Development, Denver, CO.
- Hefter, R. L., Gernsbacher, M. A., Schweigert, E. K. & Goldsmith, H. H. (2009, May). Two-stage autism screening. Poster presented at the International Meeting for Autism Research, Chicago, IL.
- Kellett, K. A., Stevenson, J. L., Vlach, B. A., Goldsmith, H. H., & Gernsbacher, M. A. (2009, May). The potential contribution of the left IFG to the autistic phenotype: A case study of monozygotic twins. Poster presented at the International Meeting for Autism Research, Chicago, IL.
- Oden, K. D., Vendlinski, M. K., Vlach, B. A., Gernsbacher, M. A., & Goldsmith, H. H. (2009, May). Autism and anxiety: Incorporating self reports in evaluating whether anxiety is elevated in children and adolescents with Autism Spectrum Conditions. Poster presented at the International Meeting for Autism Research, Chicago, IL.

- Oden, K. D., Vendlinski, M. K., Vlach, B. A., Gernsbacher, M. A., & Goldsmith, H. H. (2009, April). Autism Spectrum Condition (ASC) and the prevalence and assessment of anxious and depressive symptoms. Poster presented at the Society for Research in Child Development, Denver, CO.
- Pai, K. A., Bild, N. C., Volbrecht, M. M., Gagne, J. R., & Goldsmith, H. H. (2009, May). Examining shyness at ages 6, 12, and 36 months using a longitudinal twin sample. Poster presented at the Midwestern Psychological Association, Chicago, IL.
- Schweigert, E. K., Gernsbacher, M. A., Hefter, R. L., Gottesman, I. I., & Goldsmith, H. H. (2009, May). Twin concordance for autism: a comparison of multiple diagnostic criteria in a population-based twin study. Paper presented at the International Meeting for Autism Research, Chicago, IL.
- Stevenson, J. L., Schweigert, E. K., Hefter, R. L., Goldsmith, H. H., & Gernsbacher, M. A. (2009, June). Role of praxis in assessing social-communication ability in autism. Poster presented at the Society for Research in Child Language Disorders, Madison, WI.
- Stevenson, J. L., Krause, N. A., Schweigert, E. K., Goldsmith, H. H., & Gernsbacher, M. A. (2009, May). A twin study of gesture execution, imitation, and identification. Poster presented at the International Meeting for Autism Research, Chicago, IL.
- Torres, R., Heffelfinger, A., Navarro, D., Brindowski, K., Gagne, J., & Goldsmith, H. (2009, February). The relationship between performance on attention/executive functioning tests and parent report of externalizing behavior problems in three-year-old twins. Paper presented at the International Neuropsychological Society, Atlanta, GA.
- Van Hulle, C. A., Lemery-Chalfant, K., & Goldsmith, H. H. (2009, April). Temperament, behavior problems and competency in toddlerhood: A shared genetic etiology? Paper presented at the Society for Research in Child Development, Denver, CO.
- Vendlinski, M. K., Javaras, K. N., Schmidt, N. L., Lemery-Chalfant, K., & Goldsmith, H. H. (2009, April). Identifying classes of mental health problems in middle childhood: A multiple informant approach. Poster presented at the Society for Research in Child Development, Denver, CO.
- Volbrecht, M. M., & Goldsmith, H. H. (2009, April). The association of temperament and family factors with the development of internalizing symptoms. Poster presented at the Society for Research in Child Development, Denver, CO.

2008:

- Marceau, K., Heath, P. J., Van Hulle C. A., & Goldsmith, H. (2008, May). Internalizing versus externalizing problems in the link between parental and youth psychopathology. Poster presented at the Association for Psychological Science. Chicago, IL.
- Van Hulle, C., Rhee, S., Knapfo, A., Lemery-Chalfant, K., Goldsmith, H. H., & Zahn-Waxler, C. (2008). Cognitive, affective and behavioral components of empathy in middle childhood: A comparison of two twin samples. *Behavior Genetics* (2008) volume 38.
- Hur, Y., Goldsmith, H., & Lemery-Chalfant, K. (2008). Comparing genetic variations in height and weight between Caucasians and East Asians. *Behavior Genetics* (2008) volume 38.
- O'Brien, T. C., Swanson, J., Lemery-Chalfant, K., & Goldsmith, H. H. (2008). Internalizing, externalizing, and ADHD in middle childhood: The role of mothering and fathering in toddlerhood. Abstract published in *Behavior Genetics* (2008) volume 38.
- Vendlinski, M. K., Bagley, J. L., Schmidt, N. L., Van Hulle, C. A., Lemery-Chalfant, K. & Goldsmith, H. H. (2008). Does the heritability of child externalizing or internalizing differ based on rural vs. urban residence? *Behavior Genetics* (2008) volume 38.

- Abduli, I., Dakter, H., Paulos, S., Van Hulle, C. A., & Goldsmith, H. H. (2008, May). Inhibitory Control and Vocabulary Acquisition Across Toddlerhood. Poster presented at the Midwestern Psychological Association Annual Conference, Chicago, IL.
- Baskerville, A., Bild, N., Mansavage, A., & Goldsmith, H. H. (2008, May). Examining family emotional environment and child anger. Poster presented at the Midwestern Psychological Association Annual Conference, Chicago, IL.
- Spafford, A., Jirovec, D., Okonkwo, O., Volbrecht, M. M., & Goldsmith, H. H. (May 2008). Activity level as a mediator of behavioral inhibition and inhibitory control in 36-month-old twins. Poster presented at the Midwestern Psychological Association Annual Conference, Chicago, IL.
- Staniszewski, M., Pai, K., Van Buren, D., Clark, P., & Goldsmith, H. H. (2008, May). The relationship between parental stress, children's cortisol levels, and temperament. Poster presented at the Midwestern Psychological Association, Chicago, IL.
- Quackenbush, A., Lee, J. W., Anliker, K., Clark, P., & Goldsmith, H. H. (Faculty Sponsor). (2008, May). Handedness and language development: Is early hand preference associated with speech production? Poster presented at the Psi Chi Poster Session at the Midwestern Psychological Association, Chicago, IL.
- Young, N. D., Williams, W. C., Gagne, J. R., & Goldsmith, H. H. (2008, May). Associations between infant anger and later developing inhibitory control. Poster presented at the Midwestern Psychological Association Annual Conference, Chicago, IL.

+ >250 others, not listed

EDUCATIONAL, TRAINING, AND OUTREACH ACTIVITIES NOT LISTED IN THIS VERSION OF C.V.