

MARY HELEN IMMORDINO-YANG, ED.D.

Curriculum Vitae, November, 2021

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CURRENT PROFESSIONAL APPOINTMENTS

- 2017- **Professor of Education,**
Rossier School of Education, University of Southern California
- 2017- **Professor of Psychology,**
Brain and Creativity Institute, University of Southern California
(Assistant Professor of Education and Psychology, 2008-2014; Associate Professor 2014-2017)
- 2010- **Neuroscience Graduate Program Faculty,**
University of Southern California

RESEARCH AREA

I am interested in the psychological and neurobiological development of social emotion, meaning-making and self-awareness, and connections to thinking and learning in formal and informal educational settings. I use interdisciplinary studies of narratives and feelings to uncover experience-dependent neuropsychological mechanisms that integrate cognition and emotion, contributing to intellectual identity, intrinsic motivation, deep learning, and generative, creative, ethical and abstract thought. My work has a special focus on diverse adolescents from under-resourced communities, whom I also involve in my work as junior scientists. My research and writings contribute to founding the new field of Mind, Brain and Education.

EDUCATION

- 2006-2008 **University of Southern California (USC),** Los Angeles, CA
Brain and Creativity Institute/Rossier School of Education
Postdoctoral Fellow under the mentorship of Antonio Damasio and Robert Rueda
Foci: Social/affective neuroscience, cortical and subcortical neuroanatomy, neuroimaging, psychophysiology, integrating neuroscience and education research
- 1997-2005 **Harvard University Graduate School of Education (HUGSE),** Cambridge, MA
Doctor of Education in Human Development and Psychology, June 2005
Master of Education in Cognitive Development, June 1998
Coursework: Cognitive, Socio-Emotional, Linguistic, Symbolic and Memory Development; Neuropsychological Development; Qualitative and Quantitative Research Methodology
- 1989-1993 **Cornell University,** College of Arts and Sciences, Ithaca, New York
Bachelor of Arts in French Literature: May 1993; Dean's List
Coursework: Psychology, Biology, Anthropology, Physics, French, Kiswahili, Russian

EXTRAMURAL FUNDING

Awarded and under review only; MHIY's role is in bold.

- 2021-2024 *“An Exploration of Brain Breaks to Enhance Attention Regulation and Instruction Uptake in Early Elementary.”* Institute of Education Science (IES). (**Advisory board member**; Co-PI's Karrie Godwin, UMBC & Amanda Moreno, Erikson Institute; R305A200522; total amount awarded \$1,399,986)
- 2019-2022 *“The Role of Enhanced Mindfulness Practices for Educators in Promoting Self-Direction Among Adolescent Girls of Color”* Chan Zuckerberg Initiative #CZIF2020-004095. (**PI**; Total grant \$650K)
- 2019-2022 *“Together we transcend: Building adolescents' self-transcendent purpose and intellectual virtues through an intergenerational storytelling intervention”* Invited proposal to the Templeton Foundation. (**PI**, 5% effort; Total grant \$300K)
- 2021- *“National Artificial Intelligence (AI) Research Institutes.”* (under review). National Science Foundation. (**USC PI**; Total to USC \$875K; R. Azevedo, UCF Overall-PI; Total grant \$20M)
- 2018-2022 *“An Interdisciplinary Study of Adolescents' Development of Intellectual Virtues (IVs), and Teachers' IV-Supporting Pedagogical Practices.”* Invited proposal to the Templeton Foundation with the Intellectual Virtues Academy Charter School, Long Beach, CA. (**PI**, 20% effort plus 1-month summer; Total grant \$1.5M; Total to USC PI=\$445,000)
- 2021- *“Making mistakes matter: A cross-sectional and longitudinal neuropsychological study of educational practices and performance monitoring.”* (finalist, under review). Spencer Foundation. (**PI**; Total grant \$1M)
- 2021- *“MCA: The Neurophysiology of Teaching Secondary Mathematics for Transcendent Purpose and Cultural Relevance.”* National Science Foundation. (J. Matthews, U. Michigan, **PI**; **Mentor**, **USC PI**; USC Total Award=\$100K)
- 2021-2022 *“Bet 1: Literacy Self-Efficacy Among Students of Black, Latinx and Native American low-SES backgrounds.”* AERDF. (**PI**; total amount awarded \$100,000)
- 2020-2022 *“Education to Reduce the Alcohol Use Risks to Adolescents: A Brazilian Programme Development.”* The European Varela Awards (EVAs). (**Consultant**; T. de Castro Amato Locatelli, and T. Amato, Co-PIs; N. McBride, consultant; Total Grant €1,3300 EUR)
- 2020-2021 *“Telos Project Fuller Theological Seminary.”* Grant to support a Postdoctoral Researcher. Thrive Center, Fuller Theological Seminary. (**Mentor**, Total grant \$13,871)
- 2020 *“Engage! Helping High Schools Develop and Measure Youths' Affective Dispositions for Learning.”* Invited to participate in an AERDF fellowship by Chan Zuckerberg Foundation, Gates Foundation and New Schools Venture Fund to write a 3-5-year, \$30-\$50M dollar concept proposal focused on tackling the toughest challenges in education at scale. (**Fellow**, **PI**; Total received \$55K)
- 2020- *“Measuring and Enhancing Scientific Creative Thinking for STEM Education and Research: Classroom-Aligned Assessment and Network Neuroscience-Based Mechanisms.”* National Science Foundation. (**Advisor**; R. Beaty, **PI**; A. Green, and M. Hardiman, Co-PIs; Grant # DRL-1920653)
- 2018-2020 *“A Neuropsychological study of effective secondary teachers' practices and capacities”* Army Research Laboratory-West Interdisciplinary Collaboration Grant. (**PL**, 0% effort; Grant #W911NF-18-2-0084; Total grant to RSOE PL=\$161,822)

- 2018-2019 “*Summer program for involving underrepresented, low-SES high school students in interdisciplinary neuroscience investigations.*”
(Battelle Task Order Agreement #610608; Total Grant \$4K)
- 2018-2019 “*Integrating insights from social-affective neuroscience into education research and policy on social, emotional and academic development (SEAD).*” Spencer Foundation Mid-Career Fellowship. (**PI**, 60% effort; #20188118; Total grant=\$150,000)
- 2017-2019 “*Sages and Seekers: Fostering purpose, identity development, inspiration and wellbeing through the folk art of intergenerational storytelling with adolescents and elders.*” National Endowment for the Arts. (**PI**; 10% effort; Total grant=\$90,000)
- 2018 *Gift to the Rossier School of Education to support M.H. Immordino-Yang’s work with adolescents.* Californians Dedicated to Education (CDE) Foundation. (\$10,000)
- 2018 “*International Mind, Brain and Education Society: Support for the Biannual Conference.*” NSF. (**Lead**; total grant=\$50K)
- 2018 “*Latin American School in Neuroscience and Education.*”
James S. McDonnell Foundation to Pontificia Universidad Catolica de Chile to co-host with IMBES a week-long internationally attended workshop.
(**Organizing Committee**; Total Grant=\$90,000 from JMDF; \$30,000 from IMBES)
- 2018 “*Support for a science brief connecting neuroscience to educational policy via the interdisciplinary study of human development.*”
Aspen Institute. (**Lead Author**; co-author L. Darling-Hammond; Total grant=\$11,000)
- 2018 “*Professional development and networking IMBES preconference for junior interdisciplinary researchers in Mind, Brain and Education.*”
Jacobs Foundation. (**Lead**; Total grant=CHF 23,200)
- 2015-2018 “*Scientific insights on human nature and a new economics of cooperation and conflict.*”
The Institute for New Economic Thinking.
(INET; A. Damasio, **PI**; **Co-PI**, 10% effort; Total grant=\$325,000)
- 2017-2018 “*Developmental neural and psychosocial correlates of mindset among low-SES adolescents from two cultural groups.*” Raikes Foundation #61405837-118286.
(**PI**; C. Farrington, U. Chicago, Co-PI; 10% effort; Total Grant=\$61,647)
- 2017 *Gift to the Rossier School of Education to support M.H. Immordino-Yang’s work with adolescents.* Stuart Foundation #53-4400-2416. (\$10,000)
- 2016 *Gift to the Rossier School of Education to support M.H. Immordino-Yang’s work with adolescents.* ECMC Foundation. (\$10,000)
- 2016-2020 “*Enhancing preschool children’s attention, language and communication skills: An interdisciplinary study of social-emotional learning and computerized attention training.*”
Swedish National Agency of Research. (**Advisor**; H.L. Taguchi at Stockholm University, **PI**)
- 2015-2017 “*Measuring and improving adolescents’ social-emotional imagination to foster flourishing: A mixed-method neuroimaging and psychosocial longitudinal study with school-based interventions.*” The Imagination Institute at UPenn, Templeton Foundation.
(**PI**; D. Oyserman, co-PI; 1 summer month effort; Total grant=\$200,000)

- 2012-2018 “*CAREER: A longitudinal, cross-cultural investigation of psychosocial and neurobiological aspects of emotion development in adolescence.*” NSF 1151920. (**PI**, 33% effort; Total grant=\$600,000) (MHIY managed the entire budget/study; no co-PIs were permitted.)
- 2012-2017 “*Center on Emerging Technologies to Improve Literacy Achievement for Students with Disabilities in Middle School.*” Office of Special Education Programs, U.S. Department of Education. (D. Rose at CAST, PI; **Consultant**; Total grant=\$10,000,000)
- 2013-2017 “*Family Violence and Young Adult Dating Aggression: Reactivity and Compassion.*” NICHD 1R21HD072170-01A1. (G. Margolin, PI; **co-PI**, 3% effort; Total grant=\$209,731)
- 2015 “*CAREER: A longitudinal, cross-cultural investigation of psychosocial and neurobiological aspects of emotion development in adolescence.*” Supplemental award, NSF BCS 152298. (**PI**; Total grant=\$16,000)
- 2013-2015 “*Stigmatization and Stereotype Threat among Adolescents with Learning Disability: Impacts on Cognition and Performance in Math.*” National Science Foundation (HRD #1251819). (G. Rappolt-Schlichtmann at CAST, PI; **Consultant**; Total grant=\$368,000)
- 2012-2014 “*Pathways: Emotion and Thinking in Designed Informal Science Environments.*” National Science Foundation (DRL #1222613). (G. Rappolt-Schlichtmann at CAST, PI; **Consultant**; Total grant=\$250,000)
- 2014 “*Graduate student awards for outstanding research posters; Symposium support awards.*” NSF 1434973 Research, Evaluation and Learning (REAL) to University of Texas, Arlington. (MHIY’s students received two of the seven competitive poster awards; MHIY’s symposium chosen to receive funding; Total received=\$2500)
- 2013-2014 “*Culture, Neuroscience and Psychosis II.*” Foundation for Psychocultural Research. (S. Lopez, PI; **co-PI**, 0% effort; Total grant=\$72,000)
- 2012-2014 “*Culture-specific neurobiological models of the influence of narrative framing using sacred values.*” DARPA D12AP00069. (A. Gordon, PI; **co-PI**, 15% effort; Total grant=\$4,697,220) (MHIY jointly managed two postdocs plus 40K/year neuroimaging research expenses. Grant proposal sections were not scored separately.)
- 2012-2014 “*Emotion and thinking in designed informal science environments.*” NSF, Informal Science Education Research Program. (G. Schlichtmann at CAST, PI; **Consultant**; Total grant=\$250,000)
- 2011-2014 “*Development of an international cultural neuroscience consortium.*” NIH 1R13CA162843-01. (J. Chiao at Northwestern University, PI; **Contributor/Advisor**; Total grant=\$100,000)
- 2010-2014 Mellon Mays Foundation Grant to support a first-generation Latino undergraduate student with aspirations to receive a terminal degree in a scientific field. (**Mentor**; J. Flores, Recipient; Total grant=\$14,400)
- 2011-2013 “*Family Socialization, Neural Functioning and Positive Symptoms of Schizophrenia.*” Culture, Neuroscience and Psychosis Program, Foundation for Psychocultural Research UCLA Subaward 1295 GNA231. (**PI**; S. Lopez, Co-PI; Total=\$41,000)
- 2010-2013 “*Neural correlates of social exclusion among youth exposed to family conflict.*” NIH/NICHD NRSA Post-doctoral Fellowship F32 HD63255. (D. Saxbe, PI; **Co-Sponsor**; Total grant=\$156,000)

- 2010-2011 *“Learning and the brain: Conversations between neuroscientists and teachers.”* Annenberg Media Foundation, Contract # 11-3001, grant for development of an online Master’s level course for educators.
(M. Schnepps at Harvard University, lead; **Content Director**; Total grant=\$1,000,000)
- 2009-2010 *“A multimodal study of the neural correlates of experiencing admiration and compassion.”* Center for Compassion and Altruism Research and Education (CCARE)
(J. Parvizi at Stanford University, PI; **Co-PI**; 0% effort; Total grant=\$35,000)
- 2004-2005 *“A tale of two cases: Functional compensation and learning after hemispherectomy”*
American Association of University Women Doctoral Fellowship Recipient
(Total grant=\$20,000 stipend)
- 2003 *“Emotion and affective prosody in a right hemispherectomized adolescent boy: Implications for learning”* Anonymous Summer Dissertation Research Travel Award (**PI**; Total grant=\$1,000)
- 1999-2002 Spencer Foundation Doctoral Research Training Grant
Tuition/fees, plus \$10K/year stipend (Total grant=~\$100,000)

USC INTRAMURAL FUNDING

- 2021-2022 Innovations in the study of neurocognitive processes implicated in adolescents’ learning and mental health: Novel educationally-relevant tasks, data acquisition and analysis for simultaneous EEG and fMRI. (under review) Strategic Directions for Research Award (**PI**; S. Morales (psych), R. Leahy (engineering), co-PIs; Total grant=\$300K)
- 2021-2022 Undergraduate Research Associates Program (**PI**; Total grant=\$6,600)
- 2020-2021 Research Gateway Scholars Program to support an undergraduate researcher from a minority background interested in pursuing PhD (**Mentor**; \$2800)
- 2020-2021 Undergraduate Research Associates Program (**PI**; Total grant=\$6,600)
- 2021 Provost’s grant to support an undergraduate researcher (**Mentor**; \$1,000)
- 2020 SURF grant to support an undergraduate researcher (**Mentor**; \$3000)
- 2020 Provost’s grants to support two undergraduate researchers (**Mentor**; \$2000)
- 2019-2021 Frank Baxter Gift (Recipient; Total grant= \$75,000; \$25K per year)
- 2019-2020 SOAR grant to support an undergraduate researcher (**Mentor**; \$3300)
- 2019-2020 Undergraduate Research Associates Program (**PI**; Total grant=\$4,650)
- 2019-2020 Summer Research & Engineering Apprenticeship for High School Students
- 2019 Provost’s grants to support two undergraduate researchers (**Mentor**; \$2000)
- 2019 SURF grant to support an undergraduate researcher (**Mentor**; \$3300)
- 2018-2019 Summer Research & Engineering Apprenticeship for High School Students
- 2018-2019 *“Culture-related diversity in adolescent structural and functional brain development”*;
Zumberge Diversity and Inclusion in Research Award (**PI**; Total grant=\$30K direct;
Acc#22-1401-2550)

2018-2019 Undergraduate Research Associates Program (**PI**; Total grant=\$6,600)

2018-2019 SOAR grants to support two undergraduate researchers (**Mentor**; \$7,000)

2018-2019 SURF grants to support two undergraduate researchers (**Mentor**; \$7,000)

2017-2018 Undergraduate Research Associates Program (**PI**; Total grant=\$6,300)

2017 SURF grant to support two undergraduate researchers (**Mentor**; \$7,000)

2017 Provost's grant to support an undergraduate researcher (**Mentor**; \$3,300)

2017 Rose Hills Undergraduate Research Program (**Mentor**; Total grant=\$6,000)

2016-2017 Undergraduate Research Associates Program (**PI**; Total grant=\$6,600)

2016 Dean's Innovation Fund grant (**PI**; Total grant=\$25,000)

2016 Provost's grant to support an undergraduate researcher (**Mentor**; \$3,300)

2015-2016 SOAR grant to support an undergraduate researcher (**Mentor**; \$3,300)

2015-2016 Undergraduate Research Associates Program (**PI**; Total grant=\$6,400)

2015 SURF grants to support two undergraduate researchers (**Mentor**; \$6,600)

2014-2015 SOAR grants to support two undergraduate researchers (**Mentor**; \$6,600)

2014-2015 Undergraduate Research Associates Program (**PI**; Total grant=\$6,600)

2013-2014 Undergraduate Research Associates Program (**PI**; Total grant=\$6,600)

2012-2013 Undergraduate Research Associates Program (**PI**; Total grant=\$6,500)

2011-2012 Undergraduate Research Associates Program (**PI**; Total grant=\$10,000)

2011 Rose Hills Foundation Science and Engineering Fellowship
(M. Lay, Recipient; **Mentor**; Total grant=\$7,000)

2010-2012 "*Cross-cultural investigations of admiration and compassion: An interdisciplinary study*"
Advancing Scholarship in the Humanities and Social Sciences Provost's Initiative (**PI**; Total
grant=\$25,000)

2010-2011 Undergraduate Research Associates Program (**PI**; Total grant=\$3,300K)

2010 Rose Hills Foundation Science and Engineering Fellowship
(M. Lay, Recipient; **Mentor**; Total grant=\$7,000)

EXTRAMURAL HONORS AND AWARDS

(NOTE: for local and minor awards and honors, and internal RSOE/HUGSE awards and honors, see p. 58)

2021 Briefed the United States Congress, meeting on *SEL Policy to Foster Connection after Trauma*, Washington, D.C., (virtual, March 26, 2021). See also: <https://youtu.be/rqLaxq5itaU>

2018 International Mind, Brain and Education Society (IMBES) Award for outstanding service as president

2018 Commencement Speaker, USC Keck School of Medicine, Ceremony for Ph.D., Masters of Science and Masters of Public Health

- 2018 One of three national finalists for the *Joseph E. Zins Distinguished Scholar Award for Outstanding Contributions to Action Research in Social and Emotional Learning*, given by the Collaborative for Academic, Social, and Emotional Learning (CASEL)
- 2016-2018 Invited member of the Aspen Institute’s National Commission on Social, Emotional and Academic Development (SEAD) Council of Distinguished Scientists; selected to the sub-committee of scientists and educators drafting a nationally-applicable definition of SEAD. See also: <https://www.aspeninstitute.org/events/research-symposium-evidence-base-supporting-students-social-emotional-academic-development/> @ 27 minutes 25 seconds in
- 2016-2018 Elected president of the International Mind, Brain and Education Society (IMBES) by society membership; president-elect 2015-2016; past-president 2019-2022
- 2015-2018 Appointed to the National Academies of Sciences, Engineering, and Medicine’s Committee on the Science and Practice of Learning (i.e., the committee writing, *How People Learn II*)
- 2016 APA Division 8 (Society for Personality & Social Psychology) presidential nominee to the Spielberger EMPathy (Emotion, Motivation and Personality) Symposium
- 2015-2016 Selected by AERA leadership as one of thirty scholars (the only neuroscientist) to participate in the AERA Knowledge Forum centennial initiative to increase communication between national policymakers and education researchers. Spoke/Facilitated discussion at a White House event, February, 2016. See also: <http://www.aera100.net/ed-talk-videos.html>
- 2015 Federation of Associations in Behavioral and Brain Sciences (FABBS) Foundation Early Career Impact Award
- 2014 American Educational Research Association (AERA) Early Career Award
- 2014 American Association for the Advancement of Science (AAAS) Early Career Award for Public Engagement with Science
- 2012-2015 Named in the RHSU Edu-Scholar Public Presence rankings (reflecting scholarly contributions and presence in public discourse). Named among the 5 most influential junior scholars in education in 2013 (the only year eligible). See also: http://blogs.edweek.org/edweek/rick_hess_straight_up/2014/01/2014_rhsu_edu-scholar_public_influence_top_tens.html
- 2012 Awarded an “Honor Coin” of the United States Army by the Commandant of the Non-Commissioned Officer Academy, XVIII Airborne Corps, for translational neuroscience research contributions supporting soldiers’ development of emotion awareness, compassion and cultural literacy
- 2011 Received a “Commendation” from the Board of Supervisors of the County of Los Angeles and Mayor Villaraigosa for translational scientific research contributions impacting public education
- 2011 Delivered an invited 1-hour address at the annual meeting of the Association for Psychological Science, Washington, D.C.
- 2011 Named a “Rising Star” by the Association for Psychological Science. See also: <https://www.psychologicalscience.org/observer/rising-stars-3#yang>

- 2010 Awarded the Cozzarelli Prize by the editorial board of the *Proceedings of the National Academy of Sciences* (best paper of the year published in *PNAS* in the behavioral/social science category; 6 papers honored of 3700 published) for Immordino-Yang, M.H., McColl, A., Damasio, H., Damasio, A. (2009). Neural correlates of admiration and compassion. *PNAS*, 106(19), 8021-8026.
- 2008 Inaugural recipient of the "Transforming Education through Neuroscience Award," co-sponsored by the International Mind, Brain and Education Society and the Learning & the Brain Society. See also: Daniel, D. and Fischer, K. W. (2008) First award for transforming education through neuroscience: Mary Helen Immordino-Yang. *Mind, Brain and Education* 2(2), iii.
- 2008 North American Associate Editor for *Mind, Brain and Education*, the journal of the International Mind, Brain and Education Society (IMBES), awarded "Best New Journal in the Humanities and Social Sciences" by the Association of American Publishers Academic Division
- 2004-2005 American Association of University Women Doctoral Fellowship Recipient
- 1999-2002 Spencer Foundation Doctoral Research Training Grant Recipient

PROFESSIONAL AFFILIATIONS (SELECTED)

- Society for Research in Child Development, Member, 2021-present.
- American Association for the Advancement of Science (AAAS), Member, 2018-present.
- New York Academy of Sciences, invited Professional Member, 2016-present.
- American Psychological Association, member, 2016-present.
- International Mind, Brain and Education Society (IMBES), founding member, 2006-present. Elected to Board of directors, 2011-13, 2013-15. Elected president, 2016-2018.
- American Educational Research Association, member 2004-present; founding member of the SIG on Neuroscience and Education.
- International Cultural Neuroscience Consortium, invited founding member, advisor, 2011-present.
- Society for Research on Adolescence, member, 2020-present.
- Society for Affective Science, founding member, 2014-present.
- Society for Neuroscience, member, 2009-present.
- American Psychological Society/Association for Psychological Science, member, 2009-present.
- Society for Social Neuroscience, founding member, 2010-present.
- Society for Personality and Social Psychology, member, 2011-present.

PUBLICATIONS

Peer-Reviewed Articles

(underline signifies corresponding/senior author; *signifies student/postdoc author at time of submission)

- *Gotlieb, R., Yang, X-F. & **Immordino-Yang, M.H.** (in press). Concrete and Abstract Dimensions of Diverse Adolescents' Social-Emotional Meaning-Making, and Associations with Broader Functioning. *Journal of Adolescent Research*.

- *Gotlieb, R., Yang, X.-F. & **Immordino-Yang, M. H.** (2021). Default and Executive Networks' Roles in Diverse Adolescents' Emotionally Engaged Construals of Complex Social Issues. *Social Cognitive and Affective Neuroscience*. <https://doi.org/10.1093/scan/nsab108>
- *Riveros, R., & **Immordino-Yang, M.H.** (2021). Toward a neuropsychology of spiritual development in adolescence. *Adolescent Research Review*, 6(3), 323-332. <https://doi.org/10.1007/s40894-021-00158-1>
- *Gotlieb, R., Yang, X.-F., & **Immordino-Yang, M.H.** (2021). Measuring learning in the blink of an eye: Adolescents' neurophysiological reactions predict long-term memory for stories. *Frontiers in Education-Educational Psychology*, 5. <https://doi.org/10.3389/educ.2020.594668>
- *Dénervaud, S., Fornari, E., *Yang, X-F., Hagmann, P., Sander, D., & **Immordino-Yang, M.H.** (2020). An fMRI study of error monitoring in Montessori and traditionally-schooled children. *npj Science of Learning*, 5(11), 1-11. <https://doi.org/10.1038/s41539-020-0069-6>
- *Dénervaud, S., Knebel, J-F., **Immordino-Yang, M.H.**, & **Hagmann, P.** (2020). Effects of traditional versus Montessori schooling on 4 to 15-year old children's performance monitoring. *Mind, Brain and Education*, 14(2), 167-175. <https://doi.org/10.1111/mbe.12233>
- Immordino-Yang, M.H.**, Daniel, D.B., Lerner, R.M., & Overton, W.F. (2020). In Memoriam: Remembering Kurt W. Fischer. *Mind, Brain, and Education*, 14(4), 318-321. <https://doi.org/10.1111/mbe.12265>
- *Venkatraman, A., Edlow, B. & **Immordino-Yang, M.H.** (2019). The brainstem in emotion: A review. *Frontiers in Neuroanatomy*, 11(15), 69-80. <https://doi.org/10.3389/fnana.2017.00015>
 Figures reprinted in: Goel, V. (in press, 2021). Reason and Less. *MIT Press*.
- Immordino-Yang, M.H.**, Darling-Hammond, L. & *Krone, C. (2019). Nurturing nature: How brain development is inherently social and emotional, and what this means for education. *Educational Psychologist*, 54(3), 185-204. <https://doi.org/10.1080/00461520.2019.1633924>
- *Yang, X.-F., *Pavarini, G., Schnall, S. & **Immordino-Yang, M.H.** (2018). Looking up to virtue: Averting gaze facilitates moral construals via posteromedial activations. *Social Cognitive Affective Neuroscience*, 13(11), 1131-1139. <https://doi.org/10.1093/scan/nsy081>
- *Butler, O., *Yang, X.-F., Laube, C., Kühn, S. & **Immordino-Yang, M.H.** (2018). Community violence exposure correlates with smaller gray matter volume and lower IQ in urban adolescents. *Human Brain Mapping*, 39(5), 2088-2097. <https://doi.org/10.1002/hbm.23988>
- Dehghani, M.**, Boghrati, R., *Man, K., Hoover, J., *Gimbel, S., Vaswani, A., **Immordino-Yang, M.H.**, Gordon, A., Damasio, A.R., & **Kaplan, J.** (2017). Decoding the neural representation of story meanings across languages. *Human Brain Mapping*, 38(12), 6096-6106. <https://doi.org/10.1002/hbm.23814>
 Translated into Spanish and reprinted in: *Revista Khana*, Issue 60, pp. 381-399, 2019. Titled: *Decodificando la representación neural del significado de los relatos por entre los idiomas*.
- Immordino-Yang, M.H.** & *Yang, X.-F. (2017, invited submission). Cultural differences in the neural correlates of social-emotional feelings: An interdisciplinary, developmental perspective. *Current Opinion in Psychology, Special Issue on Emotion* edited by L. Feldman Barrett and B. Mesquita, 17, 34-40. <https://doi.org/10.1016/j.copsyc.2017.06.008>
- *Venkatraman, A., Edlow, B. & **Immordino-Yang, M.H.** (2017). The brainstem in emotion: A review. *Frontiers in Neuroanatomy*, <https://doi.org/10.3389/fnana.2017.00015>
- *Yang, X.-F., & **Immordino-Yang, M.H.** (2017). Culture and cardiac vagal tone independently influence emotional expressiveness. *Culture and Brain*, 5(1), 36-49. <https://doi.org/10.1007/s40167-017-0048-9>
- Immordino-Yang, M.H.** & *Gotlieb, R. (2017). Embodied brains, social minds, cultural meaning: Integrating neuroscientific and educational research on social-affective development. *American Educational Research Journal, Centennial Issue*, 54(1S), 344S-367S. <https://doi.org/10.3102/0002831216669780>

Commentary: Cohen Kadosh, R., & Sella, F. (2017). Connecting Social and Cognitive Embodiment: A New Way to Tailor Educational Programs? *American Educational Research Journal*, 54(1_suppl), 368S-372S.

- Immordino-Yang, M.H.**, *Yang, X. & Damasio, H. (2016). Cultural modes of expressing emotions influence how emotions are experienced. *Emotion*, 16(7), 1033-1039. <https://doi.org/10.1037/emo0000201>
- Immordino-Yang, M.H.** (2016, invited submission). Emotion, sociality, and the brain's default mode network: Insights for educational practice and policy. *Policy Insights from the Behavioral and Brain Sciences*, 3(2), 211-219. <https://doi.org/10.1177/2372732216656869>
- *Gottlieb, R., *Hyde, E., **Immordino-Yang, M.H.** & **Kaufman, S.B.** (2016, invited submission). Cultivating the Social-Emotional Imagination in Gifted Education: Insights from Educational Neuroscience. *Annals of the New York Academy of Sciences*, 1377(1), 22-31. <https://doi.org/10.1111/nyas.13165>
- Kaplan, J., *Gimbel, S., Dehghani, M., **Immordino-Yang, M.H.**, Segae, K., **Damasio, H.**, **Gordon, A.**, & **Damasio, A.** (2016). Processing narratives concerning protected values: A cross-cultural investigation of neural correlates. *Cerebral Cortex*, 27(2), 1428–1438. <https://doi.org/10.1093/cercor/bhv325>
- *Saxbe, D., *Del Piero, L., **Immordino-Yang, M.H.**, Kaplan, J., & **Margolin, G.** (2016). Neural mediators of the intergenerational transmission of family aggression. *Development and Psychopathology*, 28(02), 595-606. <https://doi.org/10.1017/S0954579415000528>
- *Saxbe, D., *Del Piero, L., **Immordino-Yang, M.H.**, Kaplan, J., & **Margolin, G.** (2015). Neural correlates of adolescents' viewing of parents' and peers' emotions: Associations with risk-taking behavior and risky peer affiliations. *Social Neuroscience*, 10(6), 592-604. <https://doi.org/10.1080/17470919.2015.1022216>
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Peer-reviewed articles submitted/under review/in preparation

*Riveros, R. & Immordino-Yang, M.H. (invited submission, due March, 2022) Together we transcend: The impact of intergenerational relationships on community adolescents' dispositions for abstract social thought. *Journal of Positive Psychology*.

*Kundrak, C., Yang, X.-F., *Baniqued, P., & **Immordino-Yang, M.H.** (in late-stage preparation). Teachers' neurophysiology mediates the effect of pedagogical practices on secondary students' experiences of challenge

*Gotlieb, R., Yang, X-F. & **Immordino-Yang, M.H.** (in late-stage preparation). Beyond IQ, Diverse Adolescents' Transcendent Thinking Predicts Young Adult Outcomes via Brain Network Development

*Kundrak, C., *Candaux, E., Yang, X.-F., *Baniqued, P., & **Immordino-Yang, M.H.** (in preparation). Secondary teachers' beliefs about learning and pedagogical practices are linked via pedagogical orientations, and mediated by cultivated cardiac regulatory capacities

Yang, X.-F., *Baniqued, P., *Heine, K., *Gotlieb, R., & **Immordino-Yang, M.H.** (in late-stage preparation). Adolescent Exposure to Community Violence Longitudinally Predicts Cortical Thinning

*Jahner, E., *Kundrak, C., Yang, X.-F., Farrington, C., Porter, S. & **Immordino-Yang, M.H.** (in late-stage preparation). Developmental neural, psychological, and emotional correlates of academic mindsets: A 5-year longitudinal study from adolescence to young adulthood

Yang, X.-F., *Baniqued, P., *Heine, K., *Gotlieb, R., & **Immordino-Yang, M.H.** (in preparation).
Developmental neuroanatomical correlates of IQ and Abstract Thinking in Diverse Adolescents: A
2-year Longitudinal Study.

*Riveros, R., Yang, X.-F., *McCoy, D., *Kundrak, C., *Gotlieb, R., & **Immordino-Yang, M.H.** (in preparation).
Longitudinal neural connectivity development underlying adolescents' values-based life goals.

Invited book chapters/sections

Immordino-Yang, M.H., Darling-Hammond, L. & *Krone, C. (2022, in press). Nurturing nature: How brain development is inherently social and emotional, and what this means for education. *Social and Emotional Learning*. New York: Routledge (Taylor & Francis).

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- Immordino-Yang, M.H.** (2012) Emotion and cognition are co-regulated. In G. Rappolt-Schlichtmann, S.G. Daley, & L.T. Rose (Eds.), *A Research Reader in Universal Design for Learning* (pp.57-90). Cambridge, MA: Harvard Education Press.
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- Immordino-Yang, M. H., & *Faeth, M.** (2010). The role of emotion and skilled intuition in learning. In D. A. Sousa (Ed.), *Mind, Brain and Education: Neuroscience Implications for the Classroom* (pp.66-81). Bloomington, IN: Solution Tree Press.
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- Immordino-Yang, M.H., & Fischer, K. W.** (2010). Brain development. In I. Weiner & E. Craighead (Eds.), *Corsini encyclopedia of psychology, 4th Edition* (pp. 254-256). New York: John Wiley & Sons.
- Immordino-Yang, M. H.** (2009). Social neuroscience and its application to education. In S. Feifer & G. Rattan (Eds.), *Emotional disorders: A Neuropsychological, Psychopharmacological, and Educational Perspective* (pp. 15-22). Middletown, MD: School Neuropsychology Press.
- Fischer, K.W., & Immordino-Yang, M. H.** (2008). The fundamental importance of the brain and learning for education. In *Jossey-Bass reader on the brain and learning*. (pp. xvii – xxi). San Francisco, CA: Jossey-Bass.
- Immordino-Yang, M.H.** (2007). Introduction & Chapter 3: Compensation after losing half of the brain. In A. Nava (Ed.), *Critical issues in brain science and pedagogy* (pp. 3-4, 45-54). San Francisco: McGraw Hill.
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Fischer, K.W., & **Immordino-Yang, M.H.** (2002). Cognitive development and education: From dynamic general structure to specific learning and teaching. In E. Lagemann (Ed.), *Traditions of scholarship in education*. Chicago: Spencer Foundation. (55 pages)

Edited books

Fischer, K.W., Bernstein, J.H., & **Immordino-Yang, M.H.** (Eds.). (2007). *Mind, brain and education in reading disorders*. Cambridge: Cambridge University Press.

Authored books

Immordino-Yang, M.H. (November, 2015, 2nd ed. 2016). *Emotions, Learning and the Brain: Exploring the educational implications of affective neuroscience*. New York: W.W. Norton & Co.
Foreword by Howard Gardner; afterword by Antonio Damasio.
<https://wnorton.com/books/9780393709810>

Translations:

Italian translation with Cortina Press released July, 2017

Spanish translation (for distribution across Central/South America) released 2018 with AIQUE Publishing House. <http://www.aique.com.ar/libro/emociones-aprendizaje-y-el-cerebro>

Mandarin translation with Tsinghua University Press released 2020. 157th Best-seller in China, December 2020. <https://www.bookask.com/book/3215957.html>

Korean translation with Vasudeva released January, 2020

Portuguese translation in press.

Reprinted Selections (selected):

KQED Mind/Shift, May 31, 2016,

<http://ww2.kqed.org/mindshift/2016/05/31/why-emotions-are-integral-to-learning/> *Noodle*,

<https://www.noodle.com/articles/why-emotions-are-integral-to-learning-mary-helen-immordino-yang>

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Technical reports/Policy briefs

Smart, A., & **Immordino-Yang, M.H.** (2019). Educating for the social, the emotional and the sustainable: Diverse perspectives from over 60 contributors addressing global and national challenges. Interview in brief written for NISSEM. 14 pp.
<https://drive.google.com/file/d/1CyLU6zoulWskBUEOCc7w2k62LNLTTuk8/view>

Immordino-Yang, M.H., Darling-Hammond, L., & *Krone, C. (2018). *The Brain Basis for Integrated Social, Emotional and Academic Development: How Emotions and Social Relationships Drive Learning*. Policy Brief written for The Aspen Institute National Commission on Social, Emotional and Academic Development. 16 pp.
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- National Academies of Sciences, Engineering, and Medicine's Committee on the Science and Practice of Learning. (2018). *How People Learn II: Learners, Contexts and Cultures*. Washington, DC: National Academies Press. DOI: <https://doi.org/10.17226/24783>
- Aspen Institute National Commission on Social, Emotional and Academic Development. (2017). *The Evidence Base for How We Learn: Social, Emotional and Academic Development*, National report jointly informed by the Commission, written by S. Jones and J. Kahn.
- Immordino-Yang, M.H.** (2016). Emotions, learning and the brain. Fact sheet prepared for the AERA Knowledge Forum centennial initiative Briefing Book; access via <http://www.aera.net/Newsroom/AERAHighlightsE-newsletter/AERAHighlights-February2016/AERABringsScholarsandThoughtLeaderstoFebruaryKnowledgeForum/tabid/16226/Default.aspx>
- Immordino-Yang, M.H.** (2014.) Neurobiological perspectives on human thriving. Essay prepared for and presented at The Thrive Forum on Evolutionary Psychology, organized by the Thrive Center for Human Development, Fuller Graduate School of Psychology, June 23, 2014, Pasadena, CA.
- Winstein, C., **Immordino-Yang, M.H.**, Aziz-Zadeh, L. (2009). Promoting Generalization in Stroke Rehabilitation: The Social Cognitive Perspective. Report prepared for the *National Institutes of Health* workshop on Promoting Generalization in Cognitive Stroke Rehabilitation, June 3-4, 2009, Washington DC.

Non peer-reviewed articles, book reviews, popular press articles, letters to the editor

- Immordino-Yang, M.H.** & Knecht, D. (2020, May). Building meaning builds teens' brains: Connecting adolescents' concrete work to big ideas may help shape their neural networks over time. *Educational Leadership*. [ascd.org/publications/educational-leadership/may20/vol77/num08/Building-Meaning-Builds-Teens'-Brains.aspx](https://www.ascd.org/publications/educational-leadership/may20/vol77/num08/Building-Meaning-Builds-Teens'-Brains.aspx)
- NOTE: French translation by Jérôme Alain Lapasset in press.
Reprinted in *npj Science of Learning Community*, April, 2021.
<https://npjscilearncommunity.nature.com/posts/building-meaning-builds-teens-brains>
- Immordino-Yang, M.H.** (2018) How we can use brain science to inform educational innovation. First: Understand how relationships matter. Article for the RSOE Magazine, fall/winter 2018, celebrating the school's centennial.
- Immordino-Yang, M.H.**, Polakow-Suransky, S. & Knecht, D. (2018, July) Why science says school is boring. *Education Week Blog*.
http://blogs.edweek.org/edweek/learning_social_emotional/2018/07/why_science_says_school_is_boring.html
- Farrington, C. & **Immordino-Yang, M.H.** (2017, July). What does the neuroscience say? Letter to the Editor, *Education Week*.
<http://www.edweek.org/ew/articles/2017/07/19/is-social-emotional-learning-a-hoax-readers-respond.html>
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- Immordino-Yang, M.H.** (2015, October 10) Response to, *To teach grit or not to teach grit: That is the question.* Invited blog post published on *Education Week Teacher*.
http://blogs.edweek.org/teachers/classroom_qa_with_larry_ferlazzo/2015/10/response_to_teach_grit_or_not_to_teach_grit_-_that_is_the_question.html
- Immordino-Yang, M.H.** (2015, March 21). Rest is not idleness in the brain: Why kids may need downtime and opportunities for reflection to develop a strong sense of self and a moral compass. *The People's Science: Creating a conversation between scientists and the public.*
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- Pare-Blagoev, J. & **Immordino-Yang, M.H.** (2015). Introduction to the conference special issue: Breadth and depth from the Fifth International Mind, Brain, and Education Society conference. *Mind, Brain and Education*. 9(2), 61-63.
- Immordino-Yang, M.H.** (2014). Transforming education through neuroscience award recipient: David Daniel. *Mind, Brain and Education*.
- Immordino-Yang, M.H.** (2013, Spring). The science of social learning. *Futures in Urban Ed Magazine*, USC Rossier School of Education, pp. 22-23.
- Bartlett, S. & **Immordino-Yang, M.H.** (2012). An interview with Mary Helen Immordino-Yang on emotions and relationships in early childhood. *Foundations*, Hunter Institute of Mental Health, Sydney, (11), 10-12.
- Immordino-Yang, M. H.** (2011, Winter/Spring). Game-changing research: An interview on neuroscience and education. *Futures in Urban Ed*, USC Rossier School of Education, p. 15.
- Immordino-Yang, M. H.** (2009). Transforming education through neuroscience award recipient: Kurt Fischer. *Mind, Brain and Education*, 3(4), 218-219.
- Immordino-Yang, M. H.** (2008, July 12). Strange Lessons. *New Scientist*, 44-45.
- Immordino-Yang, M. H.** (2008, July 10). Emotions, Social Relationships, and the Brain: Implications for the Classroom. *ASCD Express*, 3(20).
- Immordino-Yang, M. H.** (2008). Review of the book, *How the body shapes the way we think: A new view of intelligence*, by Rolf Pfeifer and Josh Bongard (Cambridge, MA: MIT Press, 2007). *European Legacy*, 13(6).
- Immordino-Yang, M.H.** (2001). When 2 + 2 makes kids trip: Making sense of brain research in the classroom. *Basic Education*, 45(8), 16-19.

INVITED NATIONAL/INTERNATIONAL ACADEMIC CONFERENCE PRESENTATIONS

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- Immordino-Yang, M.H., *Gotlieb, R., & Yang, X.F.** (2022, July). *Feeling strongly about complex social issues: Emotions strengthen the neural correlates of adolescents' abstract construals*. Program Co-Chair for the International Society for Research on Emotion, Los Angeles, California.
- Immordino-Yang, M.H.** (2022, June). *Toward a Holistic Developmental Science: Catalyzing Transdisciplinary Multi-Sector Collaborations to Understand and Support Human Development*. Co-chair for the Society for Research in Child Development's Presidential Initiative Special Topics Meeting, St. Louis, MO.
- Immordino-Yang, M.H.** (2022, June). *Development within multi-dimensional complex systems: Evolutionary processes, individual development and participation in cultural practices*. Invited presenter/discussant at the Jean Piaget Society's "Putting Development Back into Evolution" Conference, Philadelphia, PA.

- Immordino-Yang, M.H.** (2022, March 3, virtual). *Solving the Frankenstein Problem: Why all learning is social, emotional, cultural and cognitive to the brain, and what this means for post pandemic schooling*. Invited Keynote at National Association of Independent Schools (NAIS).
- Immordino-Yang, M.H.** (2021, December). *Solving the Frankenstein program: Why literacy development is cognitive, social, emotional and cultural to the brain*. Invited plenary speaker for the 71st Annual Conference of the Literacy Research Association, Atlanta, GA.
- Immordino-Yang, M.H.** (virtual, 2021, October) *Emotions and Learning: Minds that create flourishing societies*. Invited speaker, Socioemotional Learning webinar, Fundación Educacional Seminario, Santiago, Chile.
- Immordino-Yang, M.H.** (2021, August). *Together we transcend: Building adolescents' self-transcendent purpose and virtues through an intergenerational storytelling intervention*. Invited talk at the Templeton Foundation's Character Interventions Conference, San Diego, CA.
- Immordino-Yang, M.H.** (2021, June, virtual; rescheduled from 2020, June, Montreal) *A new science of adolescent education: Transdisciplinary conversations on brain, development and learning*. Chair and Speaker, Kurt Fischer Honorary Symposium presented at the International Mind, Brain and Education Society Conference.
- Immordino-Yang, M.H.** (2021, April) *Creating Expansive and Equitable Learning Environments: Elaborating the RISE Learning Principles*. Invited Presidential Session discussant at the American Educational Research Association Virtual Annual Meeting.
- Immordino-Yang, M.H.** (2021, March; rescheduled from 2020, March.) *Interdisciplinarity and the Advancement of Research on Adolescence*. Invited panel session at the Society for Research on Adolescence Interdisciplinary Committee Webinar, Middleton, WI.
<https://www.youtube.com/watch?reload=9&v=EUfkyIYg8YI&feature=youtu.be>
- Immordino-Yang, M.H.** (2021, October; rescheduled from 2020, October). *Title: TBD*. Chair/Speaker for 2020 Social Emotional Learning (SEL) Exchange Virtual Summit for Collaborative for Academic, Social, and Emotional Learning (CASEL). CANCELLED.
- Immordino-Yang, M.H.** (2020, March). *Embodied Brains, Social Minds, Cultural Meaning*. Invited colloquium for the Adolescent Religious and Spiritual Development Preconference Panel for Society for Research on Adolescence, San Diego, CA. <https://osf.io/n5y8w/>
- Immordino-Yang, M.H.** (2020, January). *Solving the Frankenstein Problem: Sewing together scholarly excellence, personal development, and social-emotional wellbeing*. Keynote address at the 18th Annual Faculty Conference on Teaching Excellence; Temple University, Philadelphia, PA.
- Immordino-Yang, M.H.** (2019, November). *Solving the Frankenstein Problem: How the arts may help integrate social, emotional and academic brain development*. Keynote address to the Learning Edge Conference: Arts for Life, Deep Learning, Deep Connections; Brigham Young University, Salt Lake City, UT.
- Immordino-Yang, M.H.** (2019, November). *Embodied brains, social minds, cultural meaning: Interdisciplinary, developmental research on social emotions in education*. Keynote address at the Templeton Foundation's Character Interventions Conference, Temecula, CA.
- Immordino-Yang, M.H.** (2019, November). *Together we transcend: Building adolescents' self-transcendent purpose and virtues through an intergenerational storytelling intervention*. Invited presentation at the Templeton Foundation's Character Interventions Conference, Temecula, CA.

- Immordino-Yang, M.H.** (2019, October). Embodied brains, social minds, cultural meaning: Interdisciplinary, developmental research on social emotions in education. Keynote address to the University of Paris Est Créteil (UPEC) International Conference on Empathy, Paris, France.
- Immordino-Yang, M.H.** (2019, October). Mind & Life Europe Contemplative Science Symposium on “Beyond Confines- Integrating Science, Consciousness and Society,” Fürstfeldbruck, Germany.
- Immordino-Yang, M.H.** (2019, October). The importance of SEL and the impacts on students and adults. Keynote presentation at the Schools of the Future Conference in Honolulu, HI.
- Immordino-Yang, M.H.** (2019, July). Interdisciplinary Studies of Social Emotion. Keynote presentation to the International Society for Research on Emotion (ISRE) pre-conference in Amsterdam, Netherlands (by videoconference).
- Immordino-Yang, M.H.** (2019, March). Neuropsychological studies of social-emotional meaning-making: Insights for creativity research and education. Opening Keynote to the Society for Neuroscience of Creativity Annual Conference, San Francisco, CA.
- Immordino-Yang, M.H.** (2018, December). Embodied brains, social minds, cultural meaning: Interdisciplinary, developmental research on social emotions. Presented at *Theoretical Implications for Emotions and Learning*, at the McGill University-Computer Research Institute of Montreal conference on The Role of Emotions in Technology-Rich Learning Environments in the STEM field, Montreal, Canada.
- Immordino-Yang, M.H.** (2018, November). Integrating insights from social-affective neuroscience into education research and policy on social, emotional and academic development (SEAD). Invited presentation to the Spencer Foundation Fall Fellows Retreat/National Academy of Education Annual Meeting, Washington, D.C.
- Immordino-Yang, M.H.** (2018, June). Embodied brains, social minds, cultural meaning: Interdisciplinary, developmental research on social emotions in education. Plenary talk to The 7th Latin American School for Education, Cognitive and Neural Sciences, Termas el Corazón, Chile.
- Immordino-Yang, M.H.** (2018, September). Mind, Brain and Education: Solving the Frankenstein Problem. Opening address to the Bi-Annual Meeting of the International Mind, Brain and Education Society, University of Southern California, Los Angeles, CA.
- Immordino-Yang, M.H.** (2018, May). Embodied brains, social minds, cultural meaning: Why emotions are fundamental to thinking. Keynote lecture to the annual International Conference on Thinking, Miami, FL.
- Immordino-Yang, M.H.** (2018, March). Emotions, learning and the brain: Second language learning in the context of global thinking and citizenship. Keynote address to the Teachers of English to Speakers of Other Languages (TESOL) international conference, Chicago, IL. (Audience ~5000)
- Immordino-Yang, M.H.** (2018, April). Longitudinal, interdisciplinary studies of adolescent social-emotional processing. Invited talk to the annual conference of the Society for Affective Science, Los Angeles, CA.
- Immordino-Yang, M.H.** (2017, December). Opening keynote to kick off the Chan Zuckerberg Initiative on Science of Learning and Development (SoLD), Redwood City, CA.
- Immordino-Yang, M.H.** (2017, November). Embodied brains, social minds, cultural meaning: Toward an interdisciplinary affective science applied to education. Invited address to the Swiss Institute for Affective Sciences (CISA) conference on Emotion and Education, University of Geneva, Switzerland.

- Immordino-Yang, M.H.** (2017, October.) Embodied brains, social minds, cultural meaning: Education for the development of global citizens. Invited keynote to the annual meeting of the International Baccalaureate of Europe, Africa and the Middle East, held at the Hague, Amsterdam, Netherlands. (audience 1500)
- Immordino-Yang, M.H.** (2017, October). Learning how to feel. Invited keynote to the International Conference on Framing Minds: English and Affective Neurosciences, University of Naples L'Orientale, Italy. <https://www.youtube.com/watch?v=dhJG39fiE6g&feature=youtu.be>
- Immordino-Yang, M.H.** (2017, April). Embodied brains, social minds, cultural meaning: An interdisciplinary scientific perspective on digital learning. Invited keynote address to the National Science Foundation conference, Cyberlearning: What's next? Making connections to shape the future, Washington, D.C. <http://learningtimesevents.org/cyberlearning-2017/sessionarchives/#keynote2>
- Immordino-Yang, M.H.** (2016, December). Embodied brains, social minds, cultural meaning: Interdisciplinary perspectives on adolescent development and health. Invited address to the Tryg Foundation's international conference launching the Youth at Risk initiative, Middelfart, Denmark.
- Immordino-Yang, M.H.** (2016, August). Embodied brains, social minds, cultural meaning: Interdisciplinary studies of admiration and compassion. American Psychological Association (APA) Division 8 (Society for Personality & Social Psychology). presidential nominee to the Spielberger EMPathy (Emotion, Motivation and Personality) Symposium. Invited address to the APA annual convention, Denver, CO.
- Immordino-Yang, M.H.** (2015, December). Embodied brains, social minds: The neurobiology of social emotion and its implications for moral education. Plenary address (by videoconference) to the 10th annual conference of the Asia-Pacific Network of Moral Education (APNME), Sydney, Australia.
- Immordino-Yang, M.H.** (2015, April). Embodied brains, social minds, cultural meaning: Applying social affective neuroscience to human development and education. AERA Early Career Award Address, Chicago, IL.
- Immordino-Yang, M.H.** (2014, March). Considering affect, attention and memory in online learning. In K. Gallagher (chair), *Implementing Online Strategies*. Symposium presented at the UC Berkeley-Harvard-MIT-Stanford Online Learning Summit: How technology impacts the pedagogy and economics of residential higher education, Berkeley, CA.
- Lopez, S., **Immordino-Yang, M.H.**, *Singh, V., *Jaramillo, N. (2014, January). Family socialization and neurobiological processes. Research presentation to the Culture, Brain, Development and Mental Health inaugural winter workshop, entitled *Rethinking psychosis: Culture, brain and context*, Los Angeles, CA.
- Immordino-Yang, M.H.** (2013, May). Embodied brains, social minds: Neurobiological perspectives on the development of social emotion and self. Opening keynote presentation at the 4th biannual conference of the International Mind, Brain and Education Society, Quito, Ecuador.
- Immordino-Yang, M.H.** (2013, May). The neurobiology of emotional feelings in cross-cultural perspective. In J. Chiao & S. Kitayama (chairs) *Cultural Neuroscience of Emotion and Motivation*. Symposium presented at the inaugural meeting of the International Cultural Neuroscience Consortium, Evanston, IL.
- Immordino-Yang, M.H.** (chair), Suárez-Orozco, C., Suárez-Orozco, M., Murayama, K. (2013, April). Inspired! Neuroscientific, psychological and educational research perspectives on promoting optimal learning states in urban schools. Presidential session at the American Educational Research Association annual conference, San Francisco, CA.

- Immordino-Yang, M.H.** (2012, October). Interdisciplinary research in neuroscience and education. In M. Dapretto (chair), *Multiple pathways to interdisciplinarity*. Symposium presented at the 5th FPR-UCLA Interdisciplinary Conference on Culture, Mind and Brain: Emerging Concepts, Methods and Applications, Los Angeles, CA.
- Immordino-Yang, M.H.** (2012, January). Embodied brains, social minds: Neural and behavioral correlates of social emotion in Los Angeles and Beijing. In Y. Chentsova-Dutton, J. Leu, J. Chiao, A. Cohen (co-chairs), *Cultural Psychology*. Preconference session delivered at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.
- Immordino-Yang, M.H.** (2011, June). Embodied brains, social minds: Neurobiological perspectives on development and the origins of creativity. Opening keynote presentation at the Harvard University Conference on Mind, Brain and Education, Cambridge, MA.
- Immordino-Yang, M.H.** (2011, May). Interdisciplinary investigations of admiration and compassion. Invited address at the annual meeting of the Association for Psychological Science, Washington D.C.
- Immordino-Yang, M.H.** (2010, December). Admiration and compassion in the U.S. and China: Cross-cultural comparisons of psychological experience and its neural and psychophysiological correlates. Invited talk at the conference on *Studies of Social Cognitive Neuroscience: Understanding self and others in sociocultural contexts*, Peking University in Beijing, China.
- Immordino-Yang, M. H.** (2010, September). Embodied brains, social minds: Bridging neuropsychological and anthropological perspectives on human social emotion. Invited paper delivered at the conference on *The Human Brain and the Social Bond: Exploring the Notion of Constrained Relativism*. Hosted/ sponsored by the Konrad Lorenz Institute for Evolution and Cognition Research in Vienna, and the International Institute for Applied Systems Analysis in Schloss Laxenburg, Austria.

PEER-REVIEWED CONFERENCE PRESENTATIONS/CHAired SYMPOSIA

- *Gotlieb, R., Yang, X.-F., & **Immordino-Yang, M. H.** (2022, April 21-26). *Urban Adolescents' Abstract Talk about Stories Predicts Young Adult Identity Development via Brain Network Development*. 2022 AERA Annual Meeting, San Diego, California, United States.
- Immordino-Yang, M.H.**, Yang, X.F., & *Gotlieb, R. (2021, May). *Beyond IQ, Low-SES Urban High School Students' Abstract Construals of Social Stories Indirectly Predict Their Young-Adult Identity Coherence Via Longitudinal Brain Development across Middle Adolescence*. Flash Talk delivered at the Annual Convention of the Association for Psychological Science (virtual).
- *Stone, M., Yang, X.F., *Gotlieb, R., & **Immordino-Yang, M.H.** (2020, May). *Adolescents' Meaning-Making Predicts Brain Structural Development Differently Depending on Community Violence Exposure*. Presentation at the Social and Affective Neuroscience Society, Santa Barbara, CA. (Conference Canceled).
- Immordino-Yang, M.H. (chair)** & *C. Kundrak (co-chair) (2020, April). *The New Science of Adolescence: Integrating Socio-Emotional and Academic Development in Research, Practice, and Policy*. 2-Hour Symposium presented at the American Educational Research Association, San Francisco, CA. (Conference Canceled).
- Immordino-Yang, M.H.**, *Krone, C., & Yang, X.F. (2020, April). *Teaching for Adolescents' Deep Learning: A Classroom Observation, Interview and Neuroimaging Study of Secondary Teachers*. Presentation at the American Educational Research Association, San Francisco, CA. (Conference Canceled).

- *Gotlieb, R., Yang, X.F., & **Immordino-Yang, M.H.** (2020, April). *Beyond IQ: Adolescents' Social Emotional Meaning-Making Longitudinally Predicts Brain Development, Academic Orientation, and Young Adult Outcomes*. Presentation at the American Educational Research Association, San Francisco, CA. (Conference Canceled).
- *Gotlieb, R., Yang, X.F., & **Immordino-Yang, M.H.** (2020, April). Middle-Adolescents' Descriptions of Social-Emotional Feelings Longitudinally Predicts Cognitive, Creative, and Relational Functioning Controlling for IQ. Presentation at the American Educational Research Association, San Francisco, CA. (Conference Canceled).
- *Gotlieb, R., Yang, X.F., & **Immordino-Yang, M.H.** (2020, April). Social-Emotional and Neurophysiological Measures Additively and Interactively Predict Adolescents' Long-Term Memory in a Longitudinal Study. Presentation at the American Educational Research Association, San Francisco, CA. (Conference Canceled).
- Immordino-Yang, M.H.** (2018, November). The role of emotions in learning. In R. Olivo (chair) *Emotion and Learning*. 2-hour teaching workshop presented at the Society for Neuroscience Annual Meeting, San Diego, CA.
- Immordino-Yang, M.H.** (2017, April). Making science useful and accessible without compromising the message. In N. Campione-Barr (chair) *Developing impactful NSF Broader Impacts: Ideas to take your proposal to the next level*. Presented at the annual meeting of the Society for Research in Child Development, Austin, TX.
- Immordino-Yang, M.H.** (2016, September). Impacts of social and cultural experience on low-SES immigrant adolescents' neural processing of emotional feelings. In **M.H. Immordino-Yang (chair)**, *Social influences on brain development and cognition*. Presented at the bi-annual meeting of the International Mind, Brain and Education Society, Toronto, Canada.
- Immordino-Yang, M.H.** (2016, September). Implications of affective neuroscience for education. In M. Schwartz (chair), *Presidential Symposium on Mind, Brain and Education*. Presented at the bi-annual meeting of the International Mind, Brain and Education Society, Toronto, Canada.
- Immordino-Yang, M.H.** (2014, November). Rest is not idleness: Educationally relevant links between the brain's default mode and abstract social-emotional thought. In **M.H. Immordino-Yang (chair)** *Developmental benefits of unstructured time?: Cognitive, affective and neurobiological bases of "constructive internal reflection"*. Symposium presented at the bi-annual meeting of the International Mind, Brain and Education Society, Fort Worth, TX.
- Immordino-Yang, M.H.** & *Yang, X. (2014, October). Cultural influences on emotional expressiveness influence the neural processing of emotional experiences. In D. Oyserman & K. van den Bos (chairs) *From cultural differences as stable characteristics to characteristics malleable by context*. Symposium presented at the annual meeting of the Society for Experimental Social Psychology, Cleveland, OH.
- Immordino-Yang, M.H.**, Dehgani, M., Kaplan, J., & *Gimbel, S. (2014, May). Culture-specific neurobiological models of narrative framing using sacred values. In J. Barraza & V. Romero (chairs), *Narrative Neuroscience: Neurologically Based Impacts of Narratives on Emotions, Reasoning, and Behavior*. Symposium presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- *Yang, X.-F. & **Immordino-Yang, M.H.** (2014, February). Cultural background and resting cardiac vagal tone additively influence emotional expressiveness. In J. Chiao (chair), *Culture and emotion: Advances from cultural psychology and cultural neuroscience*. Symposium presented at *The 15th Annual Meeting of the Society for Personality and Social Psychology*, Austin, TX.

- Schnall, S., *Pavarini, G., *Yang, X-F., & **Immordino-Yang, M. H.** (2014, February). Cognitive, behavioral and neural indicators of psychological distance in elevation and admiration. In P. Piff, J. Haidt (chairs), *Self-transcendence: The latest innovative research in awe, elevation, and admiration*. Symposium presented at the Annual Meeting of the Society of Personality and Social Psychology, Austin, TX.
- Immordino-Yang, M.H.** & *Yang, X. (2013, September). Cultural influences on emotional expressiveness influence the neural processing of emotional experiences. In, J. Chiao (chair) & Kitayama, S. (discussant), *Culture and emotion: New insights from cultural psychology and cultural neuroscience*. Presented at the Society of Experimental Social Psychology Annual Meeting, Berkeley, CA.
- Chiao, J. (organizer), **Immordino-Yang, M.H.**, & Cagigas, X. (2013, June). Advances in cultural neuroscience and cultural neuropsychology. Workshop delivered at the International Association for Cross-Cultural Psychology (IACCP) Annual Meeting, Los Angeles, CA.
- *Saxbe, D., *Borofsky, L.A., Kaplan, J.T., **Immordino-Yang, M.H.**, & Margolin, G. (2013, April). Neural responses to rating one's own emotions and the emotions of similarly-aged peers. In, *Neural Perspectives on Peers: Sensitivity of the Adolescent Brain to Social Stimuli*. Presented at the Society for Research on Child Development Biennial Meeting, Seattle, WA.
- Immordino-Yang, M.H.** (2012, October). The central role of social relationships in children's early learning. In G. Hazel (chair) & S. Bartlett (co-chair) *Brain development for wellbeing: How can international research in neuroscience and psychology inform practice in early childhood education and care?* Presented (by videoconference) at the annual meeting of the Early Childhood Australia National Conference, Perth, Australia.
- Immordino-Yang, M.H.**, *Saxbe, D., & *Yang, X. (2012, January). Individual differences in verbal descriptions of compassion and admiration predict somatosensory and self-related neural activations. In, S. Morelli (Chair) and M. Lieberman (Co-Chair), *The power of connecting with others: Investigating empathy, admiration, compassion, and social connection in the brain*. Presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.
- Katzir, T. (Chair) & **Immordino-Yang, M.H.** (Co-Chair) (2011, June). The Right Reading Brain: What have we learned about the role of the right hemisphere in language and reading development? Symposium organized at the biannual meeting of the International Mind, Brain and Education Society, San Diego, CA.
- Immordino-Yang, M.H.** (2011, June). An introduction to the brain and neurosciences for educators. 3-hour preconference workshop to the biannual meeting of the International Mind, Brain and Education Society, San Diego, CA.
- Immordino-Yang, M.H.** (Chair) & Carew, T. (Co-Chair) (2010, November) Exploring interdisciplinary pathways: Enriching neuroscience research by connecting to educational practice and theory. Symposium organized at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Immordino-Yang, M.H.** (2010, November). Me, my "self" and you: Combining affective neuroscience and human development approaches to study social emotion. In M.H. Immordino-Yang (Chair) and T. Carew (Co-Chair), *Exploring interdisciplinary pathways: Enriching neuroscience research by connecting to educational practice and theory*. Symposium presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Immordino-Yang, M.H.** & Battro, A. (2009, May). Integrating medical and educational neuroscientific perspectives to explore functional compensation after hemispherectomy. Panel presented at the second biannual conference of the International Mind, Brain and Education Society (IMBES), Philadelphia, PA.

- Immordino-Yang, M.H., Daniel, D. & *Rose, T. (2009, May).** Teaching teachers neuroscience. Symposium/discussion presented at the second biannual conference of the International Mind, Brain and Education Society (IMBES), Philadelphia, PA.
- Immordino-Yang, M.H. (chair) & Tramo, M., Hall, D. (2009, May)** Emotion, learning, and the brain: Insights from experimental neuroscience and educational approaches to children with neurological disease. Symposium/discussion presented at the second biannual conference of the International Mind, Brain and Education Society (IMBES), Philadelphia, PA.
- Immordino-Yang, M.H. & *Sylvan, L. (2009, April)** Revisiting the role of non-conscious processes in motivation: Neuroscientific perspectives. In M. Bong (Chair), *Another step forward to motivational science: Whether, what, when and how neurobiological research can contribute to understanding student motivation*. Paper presented at the American Educational Research Association Conference, San Diego, CA.
- Immordino-Yang, M. H. (2007, August).** The relevance of social and affective neuroscience to education. Paper presented at the USC conference on Emotion, Decision-Making and the Brain, Los Angeles, CA.
- Immordino-Yang, M. H. (2004, July).** Compensatory relationships between emotion and affective prosody after right and left hemispherectomy. Paper presented at the conference on Language, Culture and Mind: Integrating perspectives and methodologies in the study of language, Portsmouth, UK.
- Immordino-Yang, M. H. (2004, April).** A tale of two cases: Emotion and affective prosody after right and left hemispherectomy. In M. Atherton (Chair), *Language and Reading: New Research Directions in Neuroscience*. Paper presented at the American Educational Association Annual Research Conference, San Diego, CA. Paper published online by the American Educational Research Association, Brain and Neurosciences Special Interest Group. www.tc.umn.edu/~athe0007/BNEsig/papers/Immordino-Yang.pdf
- Immordino-Yang, M. H. (2003, October).** Comprehension of affective prosody after right and left hemispherectomy. Poster presented at the 28th annual Boston University Conference on Language Development, Boston, MA. Immordino-Yang, M.H. (2003). Paper published in *Supplement to the proceedings of the 28th annual Boston University Conference on Language Development*, Boston, MA: Cascadilla Press online.
- Immordino-Yang, M. H. (2003, February).** Prosodic language functioning in a right-hemispherectomized boy: A preliminary report. In T. Katzir (chair), *Beyond the Talk: Connecting language of cognition and motivation*. Paper presented at the Harvard Graduate School of Education Annual Student Research Conference, Cambridge, MA.
- Immordino-Yang, M. H. (2001, February).** Working memory for music and language: Analogous systems based on experience? In R. Selman (chair), *Experience, Reason and Action*. Paper presented at the Harvard Graduate School of Education Annual Student Research Conference, Cambridge, MA.
- Immordino-Yang, M. H. (2000, May).** Metaphor use in a seventh grade science lesson: Implications for students' understandings. Paper presented at the fifth conference on Conceptual Structure, Discourse, and Language, University of California, Santa Barbara, CA
- Immordino-Yang, M. H. (2000, February).** Meaning-making and metaphor among four seventh grade science students. In *Mind Brain and Education: Toward an interdisciplinary framework for educational practice*. Paper presented at the Harvard Graduate School of Education Annual Student Research Conference, Cambridge, MA.

Fischer, K., Granott, N., Parziale, J., & **Immordino, M. H.** (1999, April). Beyond one-dimensional learning: Constructing new knowledge by building bridges among multiple parallel skill levels. In R. Breckinridge Church & P. Garber (Chairs), *Making use of implicit knowledge to teach*. Symposium conducted at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, NM.

PEER-REVIEWED LABORATORY RESEARCH POSTERS

- *K. Hilliard, X.-F. Yang, *M. Stone, & **M. H. Immordino-Yang**. (virtual, 2021, November). *Community violence exposure during mid-adolescence is related to greater grey matter volume reduction in urban youth*. Poster presented at the Society for Neuroscience, Chicago, Illinois.
- *Lee, D., Mennen, F. Davis, J., Cederbaum, J., Hurlburt, M., & **Immordino-Yang, M.H.** (October, 2020). *Family conflict, maternal depression, and youth depression: Examining competing models of predictive associations in urban mothers and adolescent boys/girls*. Poster presented at the American Public Health Association, San Francisco, California. (Conference Canceled)
- *Gotlieb, R., Yang, X.F., & **Immordino-Yang, M.H.** (May, 2020). *Executive Control, Default Mode, and Salience Networks' Activity and Inter-Network Connectivity are related to Adolescents' Concrete and Abstract Interpretations of Social Stories*. Poster presented at the Social and Affective Neuroscience Society, Santa Barbara, California. (Conference Canceled)
- *Riveros, R., *Yang, X-F., *Gan, S., *Barros, I., *Dang, O. & **Immordino-Yang, M.H.** (February, 2019) *Developing goals and imagining worlds: How do adolescents build value-based life purpose and thoughtful citizenship?* Paper presented in the 11th USC Annual Graduate Research Symposium, Los Angeles, CA.
- *Gotlieb, R., *Yang, X-F., *Jahner, E., & **Immordino-Yang, M. H.** (October, 2018). Adolescents' imagination about others' thoughts and feelings predicts their long-term memory, an effect moderated by a neurotransmitter and functional connectivity in the brain. *Kortschak Center for Learning and Creativity Research Symposium*, USC, Los Angeles, CA. *The poster received the second place (\$300) prize among all symposium posters.
- *Krone, C., *Yang, X.-F., Farrington, C., & **Immordino-Yang, M.H.** (September, 2018). *Developmental neural, psychological, and emotional correlates of academic mindsets*. Poster presented at the International Mind, Brain and Education Society Conference, Los Angeles, CA. NOTE: This poster received one of four awards for "best research poster;" approximately 100 posters competed.
- *Riveros, R., *Yang, X-F., *McCoy, D., *Krone, C., *Gotlieb, R., & **Immordino-Yang, M.H.** (September, 2018). *Neural and psychosocial development underlying adolescent's abstract life goals*. Poster session presented at the Mind, Brain and Education Society Conference, Los Angeles, CA.
- *Yang, X.-F., *Pavarini, G., Schnall, S. & **Immordino-Yang, M.H.** (September, 2018). Learning to appreciate others' virtues: Behavioral and neural processes facilitate moral thinking. Poster presented at *the International Mind, Brain and Education Society conference*, Los Angeles, CA.
- *Gotlieb, R., *Yang, X-F., & **Immordino-Yang, M.H.** (April, 2018). Adolescents' social emotional skills predict greater learning and this effect is moderated by right anterior insula-medial prefrontal cortices connectivity and striatal dopamine. Poster presented at the *Society of Affective Sciences*, Los Angeles, California.
- *Jahner, E., *Yang X-F., & **Immordino-Yang, M.H.** (March, 2018). Streams of thought: An ICA methodology for lagged resting state analysis. Cognitive Neuroscience Society Annual Meeting, Boston, MA.

- *Gotlieb, R., *Yang, X.-F., & **Immordino-Yang, M. H.** (February, 2018). Empathy, Learning, and the Moderating Role of Brain Connectivity: A Biological Marker of Adolescents who Learn from Perspective-Taking. *10th Annual USC Graduate Research Symposium*, USC, Los Angeles, CA.
- *Jahner, E., *Yang, X.-F., & **Immordino-Yang, M.H.** (November, 2017). *Prepared to read. Mind wandering during oral reading correlated with resting state fMRI: A lagged analysis*. Poster Session Presented at Society for Neuroscience, Washington, DC.
- *Riveros, R., *Yang, X.-F., *Gotlieb, R., *Jahner, & **Immordino-Yang, M.H.** (March, 2017). Intrinsic functional connectivity of the default mode network predicts the purposefulness of youths' intended adult lives. Poster presented at 10th annual meeting of the Social & Affective Neuroscience Society, Los Angeles, CA.
- *Jahner, E., *Yang, X.-F., & **Immordino-Yang, M.H.** (March, 2017). Resting state temporal dynamics and mind wandering frequency during reading. Poster presented at the Cognitive Neuroscience Society annual meeting, San Francisco, CA. NOTE: This poster received the Best Student Poster Award with a cash prize and enrollment in the week-long human connectome workshop for the first author.
- *Gotlieb, R., *Yang, X.-F., *Rajana, H., *Cremat, D., & **Immordino-Yang, M.H.** (March, 2017). Adolescents' empathic reactions to social stories predict subsequent long-term memory for those stories and connectivity between right anterior insula and medial prefrontal cortices moderates this effect. Poster accepted at the 3rd annual conference of the Society for the Neuroscience of Creativity, San Francisco, CA. NOTE: R.G. was one of 5 students awarded a \$500 travel grant to present her work.
- *Gotlieb, R., *Yang, X.-F., *Rajana, H., *Cremat, D., & **Immordino-Yang, M.H.** (March, 2017). Adolescents' empathic reactions to social stories predict subsequent long-term memory for those stories and connectivity between right anterior insula and medial prefrontal cortices moderates this effect. Poster accepted at the 10th annual convention of the Social and Affective Neuroscience Society, Los Angeles, CA.
- *Gotlieb, R., *Yang, X.-F., *Rhoads, S., *Riveros, R., & **Immordino-Yang, M.H.** (November, 2016). Adolescents' empathic reaction to others' triumph over adversity is positively related to intrinsic default mode network connectivity. Poster presented at the 17th annual convention of the Society for Social Neuroscience, San Diego, CA.
- *Gotlieb, R., *Yang, X.F., *Rhoads, S., *Riveros, R. & **Immordino-Yang, M.H.** (September, 2016) Adolescents' empathic reactions to others' triumph over adversity are positively related to connectivity at rest between the default mode network and the anterior insula. Poster [abstract] presented at the bi-annual conference of the International Mind, Brain and Education Society, Toronto, Canada.
- *Rotenstein, V., *Gotlieb, R., *Alsup, S., *Yang, X.F., **Immordino-Yang, M.H.** (September, 2016) Adolescents' reasoning about the community violence they have witnessed predicts subsequent empathic emotional responding to others' true experiences. Poster [abstract] presented at the bi-annual conference of the International Mind, Brain and Education Society, Toronto, Canada.
- *Zhao, A., *Yang, X., *Gotlieb, R., *Santana, M., **Immordino-Yang, M.H.** (September, 2016) Cultural identity, emotional home life and vagal tone additively influence bicultural immigrant adolescents' emotional expressiveness. Poster [abstract] presented at the bi-annual conference of the International Mind, Brain and Education Society, Toronto, Canada.

- *Riveros, R., *Yang, X., *Gotlieb, R., *Jahner, E., **Immordino-Yang, M.H.** (September, 2016) Intrinsic functional connectivity of the Default Mode Network predicts the purposefulness of youths' intended adult lives. Poster [abstract] presented at the bi-annual conference of the International Mind, Brain and Education Society, Toronto, Canada.
- *Gotlieb, R., *Yang, X.F., *Rhoads, S., *Riveros, R. & **Immordino-Yang, M.H.** (July, 2016) Adolescents' empathic reaction to others' triumph over adversity is positively related to intrinsic default mode network connectivity. Poster presented at the *Federation of all European Neuroscience Societies*, Copenhagen, Denmark.
- *Gotlieb, R., *Yang, X.F., *Cheng, T.W., *Hobeika, L. & **Immordino-Yang, M.H.** (June, 2016) Culture moderates how bicultural adolescents' interoceptive sensitivity impacts their empathy for triumph over adversity. Poster accepted to be presented at the *European Association for Research on Learning and Instruction: Neuroscience and Education Special Interest Group*, Amsterdam, Netherlands.
- *Gotlieb, R., *Yang, X.F., *Cheng, T.W., *Hobeika, L., & **Immordino-Yang, M.H.** (January, 2016) Culture moderates how bicultural adolescents' interoceptive sensitivity impacts their empathy for triumph over adversity. Poster presented at the *Emotions Preconference of the Society for Personality and Social Psychology*, San Diego, CA.
- *Rotenstein, V., *Gotlieb, R., *Yang, X., **Immordino-Yang, M. H.** (January, 2016) Adolescents' reasoning about the community violence they have witnessed predicts subsequent empathic emotional responding to novel true stories [Abstract]. Poster presented at the 17th annual Convention of the Society for Personality and Social Psychology, San Diego, CA
- *Rhoads, S. A., *Rotenstein, V., *Yang, X., *Riveros, R. R., **Immordino-Yang, M. H.** (January, 2016) Adolescents' resting state brain connectivity is positively related to social media use, but negatively related to non-social media use [Abstract]. Poster presented at the 17th annual Convention of the Society for Personality and Social Psychology, San Diego, CA.
- *Rhoads, S. A., *Rotenstein, V., *Yang, X., *Riveros, R. R., **Immordino-Yang, M. H.** (October, 2015) Adolescents' resting state brain connectivity is positively related to social media use, but negatively related to non-social media use [Abstract]. Poster presented at the National Academy of Sciences Conference on Digital Media and Developing Minds, Irvine, CA.
- *Cheng, T., *Yang, X,-F., *Hobeika, L., **Immordino-Yang, M.H.** (April, 2015) Interoceptive awareness and acculturation in bicultural adolescents [Abstract]. Poster presented at the 2015 Meeting of the Social and Affective Neuroscience Society, Boston, MA.
- Immordino-Yang, M.H.**, *Yang, X,-F., Damasio, H. (April, 2015) Cultural modes of expressing emotions influence how emotions are experienced [Abstract]. Poster presented at the 2015 Meeting of the Social and Affective Neuroscience Society, Boston, MA.
- Immordino-Yang, M.H.** & *Yang, X. (February, 2015) Cultural and individual differences in the contributions of somatosensory neural activity to social-emotional feelings. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, Long Beach, CA.
- *Yang, X,-F., *Cheng, T., *Hobeika, L., *Vergara, S., **Immordino-Yang, M.H.** (February, 2015) Interoceptive awareness and cultural identity are related negatively in East-Asian American adolescents, but positively in Latino American adolescents [Abstract]. Poster presented at the Advances in Cultural Psychology Preconference of the Annual Convention of the Society for Personality and Social Psychology, Long Beach, CA.

- *Yang, X.-F. & **Immordino-Yang, M.H.** (February, 2015) East-Asian adolescents' emotional home life predicts the acquisition of an acculturated pattern of correlation between anterior insula activity and social-emotional feelings [Abstract]. Poster presented at the Emotion Preconference of the Annual Convention of the Society for Personality and Social Psychology, Long Beach, CA.
- Immordino-Yang, M.H.** & *Yang, X. (November, 2014) Adolescents' age and emotional home life predict the acquisition of strong and culture-specific patterns of correlation between neural activity and social-emotional feelings. Poster presented at the bi-annual conference of the International Mind, Brain and Education Society, Ft. Worth, TX.
- *Jahner, E., *Normington Pound, V., *Yang, X. & **Immordino-Yang, M.H.** (November, 2014) Cultural literacy, intellectual curiosity, academic resilience and the road to "self as scientist": Qualitative analyses of low-SES adolescents' experiences in a neuroscience camp. Poster presented at the bi-annual conference of the International Mind, Brain and Education Society, Ft. Worth, TX.
- *Rotenstein, V., *Bansal, S., *Yang, X.-F. & **Immordino-Yang, M.H.** (April, 2014) Social and non-social media are oppositely related to empathic concern in adolescents. Poster presented at the USC Undergraduate Research Symposium, University of Southern California, Los Angeles, CA.
- *Yang, X.-F., **Immordino-Yang, M.H.** (April, 2014) Culture and cardiac vagal tone independently influence expressiveness and heart-rate response during emotion [Abstract]. Poster presented at *The International Cultural Neuroscience Consortium Conference*, Ann Arbor, MI. NOTE: X. Yang received a competitive student travel support award.
- Immordino-Yang, M.H.**, *Yang, X., *Pavarini, G., Schnall, S., (November, 2013) Spontaneous gaze aversion during interview-induced moral elevation predicts subsequent default-network activation. Poster presented at the Annual meeting of the Society for Neuroscience, San Diego, CA.
- *Yang, X.-F. & **Immordino-Yang, M. H.** (November, 2013) Resting cardiac vagal tone is inversely related to intrinsic functional connectivity within the salience network. Poster presented at the Annual meeting of the Society for Neuroscience, San Diego, CA.
- *Gimbel, S.I., Kaplan, J.T., **Immordino-Yang, M.H.**, *Tipper, C.M., Gordon, A.S., Deghani, M., Sagae, K., **Damasio, H.**, **Damasio, A.** (November, 2013) Neural Response to narratives framed with sacred values. Poster presented at the Annual meeting of the Society for Neuroscience, San Diego, CA.
- *Yang, X.-F. & **Immordino-Yang, M. H.** (May, 2013) Cultural differences in heart rate response and relations to individuals' social-emotional expressiveness. Poster presented at the inaugural International Cultural Neuroscience Consortium Conference, Evanston, IL.
- *Yang, X.-F. & **Immordino-Yang, M. H.** (April, 2013) Cultural background and resting cardiac vagal tone independently influence emotional expressiveness. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, San Francisco, CA.
- *Saxbe, D., *Borofsky, L., Kaplan, J., **Immordino-Yang, M.H.** & **Margolin, G.** (April, 2013) Reading parents' minds: Adolescents' mentalizing skill and family conflict history moderate neural activation to parents' state affect. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, San Francisco, CA.
- *Yang, X.-F., *Wong, S. W. H. & **Immordino-Yang, M. H.** (June, 2012) Heart rate deceleration predicts BOLD activity in default mode regions during emotion processing. Presented as a poster and invited talk at the 18th annual meeting of Human Brain Mapping, Beijing, China.

- *Yang, X.-F., *Pavarini, G., Schnall, S., **Immordino-Yang, M. H.** (May, 2012) Spontaneous gaze aversion during interview-induced moral elevation predicts subsequent default network activation. Presented at the 2012 Association for Psychological Science Convention, Chicago, IL.
- *Yang, X.-F. & **Immordino-Yang, M. H.** (March, 2012). Resting cardiac vagal control and cultural background contribute to emotion responses during compassion for physical pain. Presented at the Cognitive Neuroscience Society Annual Meeting, Chicago, IL.
- *Yang, X.-F., *Saxbe, D. E., *Borofsky, L. A., *Murphy, M. C., **Immordino-Yang, M. H.** (November, 2011) *Do you think it or feel it? Language and neural activity reflect individual differences in emotion processing. [Abstract]*. Presented at 41st annual meeting of Society of Neuroscience, Washington, D. C.
- *Singh, V. and **Immordino-Yang, M.H.** (June, 2011) *Neural and psychophysiological correlates of judging everyday moral violations*. Poster presented at the biannual meeting of the International Mind, Brain and Education Society, San Diego, CA.
- *Singh, V. and **Immordino-Yang, M.H.** (May, 2011) *Neural correlates of judging morality and affect in everyday situations*. Poster presented at the 23rd convention of the Association for Psychological Science, Washington D.C.
- *Yang, X.- F.,*Wong, S. W. H., & **Immordino-Yang, M.H.** (November, 2010). *Resting Cardiac Vagal Activity Predicts Heart Rate Change during Compassion for Physical Pain. [Abstract]*. Presented at 40th annual meeting of Society for Neuroscience, San Diego, CA.
- *Singh, V. and **Immordino-Yang, M.H.** (June, 2010) *Activation and interconnectivity of the hippocampus during the feeling of admiration and compassion*. Presented by V. Singh at the FENS-IBRO Summer School (Federation of European Neuroscience Societies-International Brain Research Organization), entitled Cognition and Action: System Neuroscience Approaches to Understanding Complex Behavior. Dubrovnik, Croatia. NOTE: The poster was awarded “Best presentation of the Conference”.

INVITED LECTURES/COLLOQUIA

- TBD*. Invited guest speaker at Harvard Extension School (virtual; March 8, 2022).
- Solving the Frankenstein Problem: Why all Learning is Social, Emotional, Cultural and Cognitive to the Brain*. Invited speaker for 2022 World Education Summit. (virtual; March 21-24, 2022)
- Building meaning builds teen’s brains: Adolescents’ narratives predict neural development and young adult wellbeing*. Invited colloquium for the Federal University of Santa Catarina (UFSC) in Brazil, Santa Catarina, Brazil (virtual; expected Nov. 22, 2021).
https://www.youtube.com/watch?v=oTIF1ynq8z8&ab_channel=PPGIUFSC
- Building meaning builds teen’s brains: Beyond IQ, adolescents’ dispositions to construct transcendent narratives predict their neural development and young adult wellbeing*. Invited colloquium for the Institute of Neuroscience and Psychology at the University of Glasgow, Glasgow, Scotland, (virtual; expected November 5, 2021).
- Invited lecture for UCLA seminar: PA 125: Creating Safe and Welcoming Schools (virtual, expected November 3, 2021).
- Invited colloquium for the Culture, Mind & Brain Seminar Speaker Series at McGill University, Montreal, Quebec, (virtual; rescheduled from spring, 2020; expected fall 2021).
- Invited colloquium at Occidental College, Los Angeles, CA. (Rescheduled, expected fall, 2021).
- Invited lecture at Center for BrainHealth, University of Texas at Dallas, *Frontiers of BrainHealth 2021 Fall Series* (virtual, October 1, 2021).

Invited lecture for Human Development doctoral core course, USC Rossier, (virtual, July 6, 2021).

Solving the Frankenstein Problem: Why an interdisciplinary science of human development is central to evidence-based educational practice. Invited lecture for UCLA education (virtual, April 5, 2021).

The Science of learning: Why all learning is emotional and social. Invited lecture for Harvard University's Extension seminar, "Neuroscience of Learning: An Introduction to Mind, Brain, Health, and Education," Cambridge, MA, (virtual, March 9, 2021).

Building meaning builds teens' brains: Adolescents' dispositions to construct transcendent narratives predict their neural development and young adult wellbeing. Invited colloquium at the Center for Healthy Minds, University of Wisconsin-Madison, (virtual, February 8, 2021).

Invited lecture for Human Development doctoral core course, USC Rossier, (virtual, July 28, 2020).

Embodied brains, social minds, cultural meaning: Interdisciplinary, developmental studies of emotional feelings. Invited lecture for USC Neuroscience seminar, (virtual, March 30, 2020).

Embodied Brains, Social Minds, Cultural Meaning: The role of emotion in learning, well-being, and civic engagement. Invited colloquium to Tufts University's Jonathan M. Tisch College of Civic Life, Medford, MA, March 5, 2020.

Transdisciplinary approaches to education research: Progress and Promise. Invited colloquium to Vrije Universiteit in Leiden, Netherlands, October, 21, 2019.

Effects of culture on social-affective brain development in adolescents. Invited colloquium to Karolinska Institute, Lecture series on the Cultural Brain, Stockholm, Sweden, October 27, 2019.

Using neuroscience and cognitive science evidence to inform educational policy for innovation at scale. Invited lecture to the Learning Policy Institute staff, Palo Alto, CA; also live broadcast; February 12, 2019.

Why emotions and relationships are fundamental to learning: Neuroscientific and Developmental Perspectives. 3-hour lecture to the CEREBRUM Ibero-American Center for Neuroscience, Education and Human Development, Lima, Peru, June 29, 2018.

Embodied brains, social minds, cultural meaning: Interdisciplinary, longitudinal studies of emotional feelings and relations to outcomes in early adulthood. Invited colloquium to the University of California Riverside Developmental Seminar Series, January 8, 2018.

Embodied brains, social minds, cultural meaning: Interdisciplinary, longitudinal studies of adolescents' emotion processing. Invited colloquium at the Interacting Minds Centre, School of Culture and Society, Aarhus University, Denmark, October 24, 2017.

Embodied brains, social minds, cultural meaning: Interdisciplinary, longitudinal studies of emotional feelings and relations to outcomes in early adulthood. Invited colloquium to the Interdisciplinary Seminar Series, Harvard University Graduate School of Education, October 5, 2017.

Embodied brains, social minds, cultural meaning: Interdisciplinary, longitudinal studies of emotional feelings. Grand Rounds presentation hosted by the Psychiatry Department, Dartmouth University, Hanover, NH, October 3, 2017.

Embodied brains, social minds, cultural meaning: Interdisciplinary studies of admiration and compassion. Invited colloquium sponsored by the psychology, education and sociology department faculties, at the University of California Los Angeles, May 1, 2017.

Dean's Forum on School Accountability: What's SEL got to do with it? Invited presenter/panelist to Dean Prudence Carter's inaugural evening community event, together with Elliot Turiel, Linda Darling-Hammond and Joshua Starr, at the University of California at Berkeley, March 16, 2017. <https://gse.berkeley.edu/news/deans-forum-school-accountability-what%E2%80%99s-sel-got-do-it>

Integrating outreach into a scientific career. Invited virtual lecture to Bruce Lewenstein's Science Communication Workshop, Cornell University, Ithaca, NY, March 4, 2017.

Embodied brains, social minds, cultural meaning: Interdisciplinary, cross-cultural studies of social-emotional experience. Invited lecture to Barbara Rogoff's laboratory at the University of California at Santa Cruz, Feb. 2, 2017.

Embodied brains, social minds, cultural meaning: What the neurobiology of self-awareness could tell us about the psychology of mindsets. Invited lecture to the Stanford Mindset Scholars Network, Seattle, WA. Oct. 6, 2016

Educating emotional minds. Invited colloquium to the Presidential Scholars' Seminars in Neuroscience in Society Series, Columbia University, NY, New York, May 2, 2016.

Connecting education and neuroscience to inform research and practice. Invited colloquium to the Princeton Neuroscience Network, Princeton University, Princeton, NJ, May 4, 2016.

Educating college students to think well in the global age: Interdisciplinary perspectives. Evening colloquium delivered to the Goucher College community under the auspices of the Jane and Robert Meyerhoff Visiting Professorship and as part of "The Science, Ethics, and Practice of Mindfulness" Theme Semester, Baltimore, MD, Feb. 15, 2016.

Embodied brains, social minds, cultural meaning: Applying social affective neuroscience to education. Invited colloquium at the Catholic University of Eichstaett, Germany, December 16, 2015.

Embodied brains, social minds, cultural meaning: Applying social affective neuroscience to education. Invited colloquium to the Faculty for Psychology and Educational Sciences, Ludwig-Maximilians Universität München, Munich, Germany, December 15, 2015.

Embodied brains, social minds, cultural meaning: Interdisciplinary studies of emotional experience across cultures. Invited colloquium to the Center for Social and Cultural Psychology, University of Leuven, Belgium, December 14, 2015.

Embodied brains, social minds, cultural meaning: Interdisciplinary studies of emotional experience across cultures. Invited colloquium to the Institut for Kultur og Samfund, Aarhus University, Denmark, December 8, 2015.

Embodied brains, social minds, cultural meaning: Interdisciplinary studies of emotional experience across cultures. Invited colloquium to the Karolinska Institute, Stockholm, Sweden, December 3, 2015.
<https://www.youtube.com/watch?v=N6VfZ92AdhU&index=10&list=PLnqQJI0EhuwzRAL5hv2uQSRfUrlPXyYG8>

Culture, social experience and the neurobiological development of social emotion processing in adolescence. Invited colloquium to the Center for Lifespan Psychology at the Max Planck Institute for Human Development, Berlin, Germany, December 1, 2015.

Leveraging cultural diversity to strengthen urban education: An interdisciplinary perspective. Invited dean's colloquium at the School of Education, University of California Irvine, October 15, 2015.

Embodied brains, social minds: Interdisciplinary studies of emotional experience across cultures. Invited interdepartmental colloquium at Vanderbilt University, Nashville, TN, May 20, 2015.

Embodied brains, social minds, cultural meaning: Applying social affective neuroscience to education. Invited speaker in the Dean's Distinguished Lecture Series, HUGSE, Cambridge, MA, April 27, 2015.

Standing on the shoulders of giants. Invited symposium chaired at the retirement celebration of Prof. Kurt Fischer, HUGSE, Cambridge, MA, April 11, 2015.

Embodied brains, social minds: Cultural influences on the expression of compassion influence the experience of compassion. Recorded address to *The Science of Compassion Conference*, organized by Stanford CCARE, San Francisco, CA, November 11, 2014. <https://www.youtube.com/watch?v=ibskh4cjjf8> (talk at 41 minutes in)

Rest is not idleness: Educating for constructive internal reflection. Evening lecture to the Sheridan College Insight Series, sponsored by the Kibbe Foundation for Children, the Homer and Mildred Scott Foundation and Sheridan public school districts, Sheridan, WY, August 20, 2014.

Embodied brains, social minds: Educating children in a globalized, digital world. Lecture at the Harvard Future of Learning Summer Institute, sponsored by Harvard University Project Zero, July 30, 2014.

Embodied brains, social minds: Emotions and morality in a globalized age. Invited, live-streamed and recorded/produced lecture to *A Day of Learning: Confronting Evil in Individuals and Societies*. Conference organized by Facing History and Ourselves, and by HUGSE's Project Zero. The recorded lecture will be part of a high-school curriculum. Harvard University, April 11, 2014.
<https://www.facinghistory.org/resource-library/video/neuroscientist-mary-helen-immordino-yang-understanding-evil>

We feel, therefore we learn: Connections between neuroscience, education and culture. Florida International University College of Education Dean's Speakers Series, March 19, 2014.

Cultural influences on the neural correlates of emotional feelings. Colloquium delivered via video conference to the arts, medical and humanities faculties, Karolinska Institute, Stockholm, Sweden. March 6, 2014.

Embodied brains, social minds. Ellbogen Biennial Seminar Series Speaker; series of 6 lectures to the University of Wyoming education and neuroscience departments, including a lunchtime keynote to teaching faculty (all departments) and a research keynote to the university academic community, October 1-2, 2013.

Social emotions in developmental and cross-cultural perspective. 12 lecture-hour colloquium delivered to the Maestría en Neurociencia y Educación, Centro Iberoamericano de Neurociencias, Educación y Desarrollo Humano, CEREBRUM y la Universidad Antonio Ruiz de Montoya-UARM, Lima, Peru, June 6-7, 2013.

Emotions in neurobiological and cross-cultural perspective. Presentation to the Psychiatry Neuroscience Seminar Series, Langley Porter Psychiatric Institute, UCSF, February 14, 2013.

Rest is not idleness: Neurobiological perspectives on adolescent emotional development. Presentation to the Stanford Center on Adolescence, February 13, 2013.

Neurobiological correlates of experiencing emotions in Beijing and Los Angeles. Presentation to the Affective Science Laboratory (Jamil Zaki, PI), Stanford University, February 13, 2013.

Neurobiological correlates of experiencing emotions in Beijing and Los Angeles. Keynote presentation to the 1st annual retreat of the USC College 2020 Initiative, *Adapting to downturn, rising with recovery: Multimethod training for social neuroscientists*. Catalina Island, CA, August 18, 2012.

Neurobiological correlates of experiencing emotion in Beijing and Los Angeles. Presentation to the Gabrieli Cognitive Neuroscience Laboratory, MIT. August 3, 2012.

Embodied brains, social minds: Neurobiological correlates of emotion experience in Los Angeles and Beijing. Keynote presentation to the Foundation for Psychocultural Research-UCLA Culture, Brain, Development, and Mental Health Reunion Conference, April 20, 2012.

Embodied brains, social minds: Neurobiological correlates of emotion experience in Los Angeles and Beijing. Presentation to the Stanford University Culture and Emotion Lab, Feb. 16, 2012.

Embodied brains, social minds: Neuropsychological perspectives on social emotions and self in a global, technological age. University of Sydney, Australia, November 9, 2011.

What the neurobiology of emotion and culture mean for nurturing the connected mind. Keynote presentation at the USC Teaching with Technology Conference: The connected mind. May 3, 2011.

The psychology and neurobiology of social emotion. Lecture at the Smith College Mind, Body and Education Colloquia, North Hampton, MA, November 18, 2010.

Understanding emotion and social processing in educational contexts. Lecture at the Harvard Graduate School of Education, Nov. 19, 2010.

Neurobiological perspectives on creativity as a social emotional process. Keynote lecture at the Utah Valley University Arts in Education Conference, Orem, UT, October 1, 2010.

Social emotion and learning: Neurobiological and psychosocial perspectives on embodiment. Lecture at the Institute of Educational Psychology, University of Munich, Germany, September 7, 2010.

Our bodies, our minds, our “selves”: The relevance of social and affective neuroscience to education. Lecture to the Harvard University Institute for Mind, Brain and Education, Cambridge, MA, June 21, 2010.

Me, myself and “you”: Cross cultural investigations of admiration and compassion. Lecture to the Center for Group Dynamics Seminar Series, followed by a presentation and discussion to the Center for Culture, Mind and the Brain, University of Michigan, Ann Arbor MI, March 22, 2010.

Emotion and social interaction in learning and schools. Lecture at the Harvard Future of Learning Summer Institute, sponsored by Harvard University Project Zero, Cambridge, MA, August 5, 2009.

Admiration and Compassion: Interactions of the body and mind in moral emotions. Lecture at the Harvard University Institute for Mind, Brain and Education, Cambridge, MA, July 2, 2009.

Neural correlates of admiration and compassion: Clinical implications for diagnosing acquired social deficits? Lecture sponsored by the Dickerson Lab at Harvard MGH and the Interdisciplinary Affective Science Lab of Lisa Feldman Barrett at Boston College, Boston, MA, July 1, 2009.

Social and affective neuroscience and education: Connections and promises. Series of three lectures: to the University of Texas, Arlington education and psychology faculty, to the Board of the Arlington Unified School District, and to parents and teachers of students in Arlington Public Schools, April 21-22, 2009.

The cognitive neuroscience of social emotion: Implications for education? Lecture to the Harvard University Graduate School of Education Future of Learning Initiative, as part of a series entitled, “How is neuroscience changing our understanding of learning and teaching?” Cambridge, MA (by videoconference) November 5, 2008.

The science of emotion, social interaction, and learning: The state of the art. Series of three lectures at the University of Washington, Seattle, sponsored by the UW Psychology Department and by the Evergreen School Speaker Series, November 14-15, 2008.

The cognitive neuroscience of social emotions across cultures: Implications for education in a global world. Lecture at the first Asia-Pacific Conference on Mind, Brain and Education in Nanjing, China, October 26, 2008.

Admiration and Compassion: Interactions of the body and mind in moral emotions. Lecture to the Harvard University Institute for Mind, Brain and Education, Cambridge, MA, July 9, 2008.

Brains in social and affective contexts: Implications from cognitive neuroscience research for schools. Address at the Salk Institute for town-hall style meeting entitled *Brains R Us: The Science of Educating*, sponsored by the UC San Diego National Science Foundation Temporal Dynamics of Learning Center, on March 3, 2008.

Mind, Brain and Education: Lessons from theory, research and practice. Series of four lectures at the University of Maine at Farmington on Sept. 22-24, 2004.

Emotion in speech and faces in two boys living with half a brain. Lecture to the Mind, Brain and Behavior Graduate Initiative, Harvard University, Cambridge, MA on Feb. 19, 2004.

Working memory for music and language: Do we develop analogous systems based on similar symbolic experience? Colloquium lecture co-sponsored by ARTS (Arts Research, Theses, and Scholarship) and DDRG (Dynamic Development Research Group), Harvard University Graduate School of Education, Cambridge, MA on Dec. 9, 2002.

SELECTED SERVICE PRESENTATIONS

- TBD*. Invited Speaker for SEL initiative: Professional Development at Jakarta Intercultural School. (January 9, 2022)
- TBD*. Invited Keynote speaker and panelist for symposium at the University of LaVern, Center for Neurodiversity, Learning, and Wellness. Themed: Insights from Neuroscience: Strategies for Dismantling Significant Disproportionality in Schools. (April 30, 2022).
- TBD*. Invited panelist for winter webinar series at the Center for Transformative Teaching and Learning. Themed: Creating a Culture of Belonging through the Lens of MBE and DEB. (February 10, 2022).
- Title TBD*. Keynote for Kent Denver School's *Kent Denver Day*, Denver, Colorado (expected Feb. 14, 2022).
- Title TBD*. Keynote for the Executive Leadership Academy for Magnet Schools (virtual, expected December 2, 2021).
- Toward a Neuroscience of Spiritual Development*. Invited speaker for the Thrive Center for Human Development, Pasadena, California (virtual, November 12, 2021).
- Emociones y Neurociencia: Entendiendo el Aprendizaje Desde una Mirada Integral*. Keynote for Fundación Educacional Seminario's *Socioemotional Learning Seminar*, Santiago, Chile, (virtual, November 4, 2021).
- Invited panelist for Global Deep Learning Lab: *Inspiring a New Purpose and Future for Deep Learning*, Toronto, Canada (virtual, expected November 3, 2021).
- Feeling Safe vs. Under Threat--Who Gets to Thrive?* Invited speaker for the *SoLD Alliance Series* (virtual, October 27, 2021). <https://www.youtube.com/watch?v=xQ2GqvJBqpc>
- Vanguard Academy Read-along: A working model of new possibilities for new learning and growing*. Invited speaker for the Center for Collaborative Education's Reciprocity Project, Boston, MA (virtual, October 14, 2021).
- When Learning is Trauma*. Invited interview with Lois Letchford & Lisa McCarthy, a YouTube Live Seminar Series. (virtual, October 7, 2021). https://youtu.be/U_Y-QdaeYZE
- The Science of Learning: why all learning is emotional and social*. Keynote for the Brazilian Congress of Mind, Brain and Education Science and the Entrepreneurship and Innovation Forum: *Innovative Solutions to Promote Life*, Mato Grosso, Brazil (virtual, July 30, 2021).
- Solving the Frankenstein Problem: Why All Learning is Social and Emotional to the Brain*. Keynote for Kansas Association of Independent and Private Schools Summer Teaching Conference, Wichita, Kansas, (virtual, July 28, 2021).
- The neuroscience of emotional health impacting student academics*. Invited speaker for Shmoop Customer Advisory Board Meeting (virtual, July 21, 2021).
- The Emotional, Social Brain in Schools*. Week-long, full time workshop hosted by the Learning and the Brain Summer Institute, Santa Barbara, CA, (virtual, July 12-16, 2021).
- The Brain Science of Emotion and Critical Thinking in the Learning Process*. Keynote for the National Gallery of Art's Summer Institute for Educators, Washington, D.C., (virtual, July 12, 2021). <https://www.youtube.com/watch?v=0u8-L0PvVwE>
- Panelist for *The Leadership Exchange* at ISTE Live 21 National Conference, (virtual, June 26, 2021). https://conference.iste.org/2021/program/leadership_exchange.php

Building Meaning Builds Teens' Brains. Invited presentation for the Bezos Family Foundation Virtual Briefing on Adolescence, (virtual, December 9, 2020).

The science of learning: Why all learning is emotional and social. Invited presentation for the 5th International Educational Forum (EduForum) in Egypt, (virtual, Dec. 3, 2020).

The science of learning: Why all learning is emotional and social. Invited lecture for Amity University's guest lecture series titled, "Promoting academic and socio emotional learning in youth," India, (virtual, Nov. 24, 2020).

Solving the Frankenstein Problem: The brain basis for integrated social, emotional and academic development among youth with dyslexia. Keynote for the 2020 Annual International Dyslexia Association (IDA) Reading, Literacy & Learning Conference, (virtual, Nov. 13, 2020).

The science of learning: Why all learning is emotional and social. Presentation for the Rio Rancho Public Schools district leadership team in Rio Rancho, NM, (virtual, Nov. 10, 2020).

Building Meaning Builds Teens' Brains: The Importance of Relationships, Relevance, and Meaning-Making for Adolescent Learning. Presentation at the Learning and the Brain Conference, Boston, MA, (virtual, Nov. 7, 2020).

The science of learning: Why all learning is emotional and social. Keynote address at the Learning and the Brain Conference, Boston, MA, (virtual, Nov. 7, 2020).

Making Learning Meaningful Everywhere; To the Brain, All Learning is Social and Emotional. Presentation for Wyoming Afterschool Alliance's Open Minds, Open Spaces conference, Laramie, WY, (virtual, Oct. 16, 2020).

Teaching from a Distance, Learning on Your Own: A conversation about brain development, learning and teaching during the COVID pandemic. Workshop for the California Historical-Social Science Project – CHSSP, Davis, CA, (virtual, Sept. 24, 2020). <https://chssp.ucdavis.edu/blog/immordinoyang>

Guest speaker for the Legislative Education Study Committee for the New Mexico Legislature, (virtual, Sept. 24, 2020).

Making Education Meaningful: What science and the best schools reveal about how people learn. Presentation at the Athena Wisdom Institute Online Summit, Zürich, (virtual, Sept. 17, 2020).

Emotions, Learning, and the Brain: why strong relationships and high-quality cognitive opportunities are so critical in pre-school. Presentation at the PreSchool Neuroscience Summit, Portugal, (virtual, Sept. 4, 2020). <https://www.preschoolneurosciencesummit.com/summit202027901274>

The Pandemic and Learning: Stress Competes for Neural Resources. Guest speaker for Ethnic Media Services' Tracking the Pandemic conference, (virtual, July 31, 2020). <https://www.youtube.com/watch?reload=9&v=uN75VD1sZpE>

Guest speaker for the Mindsight Institute's PEPP MWe Up Talk and Gathering with Dr. Dan Siegel, Santa Monica, CA, (virtual, July 31, 2020).

Guest speaker for the Library Foundation of Los Angeles's ALOUD virtual event, *Dreams, Genes and Machines: Are we living science fiction?*, (virtual, July 30, 2020).

The Emotional, Social Brain: Developmental Neuroscience and the New Science of Education. Week-long workshop at the Learning and the Brain Summer Institute, Santa Barbara, CA, (virtual, July 20-24, 2020).

The Science of Social Learning. Presentation for faculty for Sanford Inspire at National University, (virtual, July 16, 2020).

Emotion and Cognition. Presentation at the MBE Summer Deep Dive Series for The Center for Transformative Teaching and Learning at St. Andrew's Episcopal School, Potomac, MD, (virtual, July 14, 2020).

Two-day workshop for teachers at Phillips Exeter Academy, Exeter, NH, (virtual, July 6 and 8, 2020).

Solving the Frankenstein Problem: The Brain Basis for Integrated Social, Emotional, and Academic Development for Gifted Youth. Presentation at the 46th Annual Los Angeles City/County Conference on Gifted Education, (virtual, May 30, 2020).

Teaching from a Distance, Learning on Your Own: A conversation about brain development, learning and teaching during the COVID pandemic. Workshop for the California Teacher Development Collaborative – CATDC, (virtual, May 15, 2020).

Presentation to staff at the Exploratorium, San Francisco, CA, Feb. 14, 2020.

Embodied Brains, Social Minds, Cultural Meaning: The Effects of Community Violence Exposure on Urban Adolescents' Brain Development. Keynote address to the Learning and the Brain Conference, San Francisco, CA, Feb. 14, 2020.

The New Science of Education: The Neuroscience of learning and our social brains. Presentation to faculty at The Harker School, San Jose, CA. Feb. 8, 2020.

Presentation to faculty at the Manhattan Beach Education Foundation, Manhattan Beach, CA. Jan. 23, 2020.

Solving the Frankenstein Problem: The brain basis for integrated social, emotional and academic development. Presentation to faculty at The Buckley School, Los Angeles, CA, Jan. 6, 2020.

Guest speaker for the Center for Scholars and Storytellers livestream event, *Storytelling and Empathy: A conversation between a neuroscientist and the CEO of The Jim Henson Company*, at UCLA, Los Angeles, CA, Dec. 13, 2019.

Solving the Frankenstein Problem: Intersections between academic excellence, personal development and emotional wellbeing. Presentation to faculty at Montclair Kimberley Academy, Montclair, NJ, Nov. 25, 2019.

Children's Emotions, Learning and the Brain. Presentation to educational leaders and practitioners, funders, and policymakers for Temescal Associates, The How Kids Learn Foundation, LA's Best and Think Together, Los Angeles, CA, Nov. 22, 2019.

Solving the Frankenstein Problem: Intersections between academic excellence, personal development and emotional wellbeing. Presentation to parents, local alumnae, and admissions families at Marlborough School, Los Angeles, CA, Nov. 20, 2019.

Lead the Junior Scholars retreat at the Mind & Life Europe - Contemplative Science Symposium in Fürstfeldbruck, Germany, Oct. 27-28, 2019.

The importance of SEL and the impacts on students and adults. Kaua'i Resilience Committee SEL Training session hosted by the Hawaii Community Foundation, Kaua'i, Hawaii, Oct. 1, 2019.

Keynote presentation and two hour-long workshops at Marlborough School, Los Angeles, CA, August 22, 2019.

Keynote presentation to the California Multi-Tiered System of Support Conference (LAUSD MTSS). Audience 4K people. Terrence Theater, Long Beach, CA. July 31, 2019.

The Social and Emotional Brain. Week-long intensive summer internship for teachers and administrators at UC Santa Barbara, July 15-19, 2019.

The Neuroscience of Learning: Why Emotions are Fundamental to Academic Excellence. 3-hour workshop to the California Teacher Development Collaborative (CATDC), at the Los Encinos School in Encino, CA, May 2019.

Solving the Frankenstein Problem: The Brain Basis for Integrating Social, Emotional and Academic Development. Keynote address to LAUSD counselors (750 people). Los Angeles, CA, May 15, 2019.

Solving the Frankenstein Problem: Sewing together all the many pieces of adolescence. Live-Streamed evening presentation to the Faculty and Parents of the Turning Point School, Culver City, CA, May 1, 2019.

The science of adolescence: Implications for education and parenting. Presentation to the Chandler School faculty and parents, Pasadena, CA, Feb. 28, 2019.

Embodied brains, social minds, cultural meaning: Why emotions are fundamental to learning. Keynote presentation to the Landmark College Winter Institute, Burlingame, CA, Feb. 8, 2019.

The brain basis for integrated social, emotional and academic development. Presentation, also web broadcast, to the Aspen Institute Consensus Report National Release, Washington, D.C. <http://nationathope.org/MHIY> speaks ~38 minutes into live broadcast recording. Jan. 15, 2019.

Why emotions and relationships matter in business learning and organizational culture. Presentation to the Rose Bowl Think Tank of business leaders, Pasadena, CA, Nov. 13, 2018.

Mind, Brain and Education: An Integrated Developmental Science for a Changing World. Video presentation with the Mexican Secretary of Education, Mexico City, Mexico, Nov. 9, 2018.

Rest is not idleness in the brain: Why emotions are fundamental to learning, and what this means for teachers. Keynote presentation to the National University Thought Leaders' Summit, La Jolla, CA, Nov. 2, 2018.

The Brain Basis of Integrated Social, Emotional and Academic Development: Implications for Educational Innovation and Our Urban Mission. Presentation to the Rossier School of Education Board of Councilors Meeting, USC, Oct. 18, 2018.

The Brain Basis of Integrated Social, Emotional and Academic Development. Presentation to the 21st Century Consortium of Superintendents, Manhattan Beach, CA, Sept. 26, 2018.

Emotions, learning and the brain: Implications for enrollment and learning. Keynote address to the Enrollment Management Association, San Diego, CA, September 13, 2018.

Emotions, learning and the brain: Designing virtual learning experiences to align with adolescent development. Keynote address to the Sanford Harmony and Inspire Regional Showcase Conference, hosted by Sanford College of Education, National University Sanford Education Center. La Jolla, CA, June 2, 2018.

What neuroscience has to say about the design of high schools. Invited talk at the New Schools Venture Fund conference panel on adolescence. San Francisco, CA, May 9, 2018

The fundamentally emotional nature of learning. 1-hour live webinar hosted by Digital Promise, Feb. 28, 2018 (audience over 1000) <https://home.edweb.net/webinar/personalizedlearning20180228/#podcast>

Brain Development and Technology. Invited panelist, with L. Rosen and A. Gazzaley, to a live broadcast evening event at the Computer History Museum, Palo Alto, CA. Feb. 15, 2018

Educating for creativity, innovation and equity: Considerations from the study of emotion and social brain development. Keynote address to the Learning and the Brain Conference, San Francisco, CA, Feb. 15, 2018.

Why emotions are fundamental to learning. Live one-hour webinar to Sanford Education Webinar Series, Feb. 7, 2018.

Emotions, learning and the brain: Child development and the design of schools. Invited workshop to the California State Board of Education Social-Emotional Learning Team, Oakland, CA, Jan. 22, 2018.

Learning, emotions and expanding minds. Opening keynote address to the national conference of the Center for Enrollment Research, Policy and Practice (CERPP), Los Angeles, CA, Jan. 17, 2018.

Emotions, learning and the brain: Workshops for parents and educators on child development and the design of schools. A series of three evening workshops hosted by Ad Astra School, SpaceX, Hawthorne, CA. September 27, November 8, Dec. 13, 2017.

Developing an interdisciplinary research career. Invited seminar for the social science graduate students at Aarhus University, Denmark, Oct. 23, 2017.

Embodied brains, social minds, cultural meaning: Why emotions are critical to learning. Keynote presentation to Sanford Harmony Education Conference, La Jolla, CA, Oct. 12, 2017.

Embodied brains, social minds, cultural meaning: Why emotions are fundamental to learning. Keynote presentation to Teachers Pay Teachers, Los Angeles, CA, July 18, 2017.

Featured Speaker, Aspen Institute Ideas Festival “Spotlight Health,” Aspen, CO, June 22-24, 2017.

The power of emotion. Commencement address to the Viewpoint School graduates, families, faculty and community. Calabasas, CA, June 10, 2017.
<https://www.youtube.com/watch?v=JHB1yra8sB0&feature=youtu.be>

Embodied brains, social minds, cultural meaning: Why emotions are fundamental to learning. Presentation to the incoming cohorts of master’s students, Rossier School of Education, USC, May 2, 2017.

Innovating educational practice and structure to support better learning. 1.5-day workshop to the 21st Century Consortium of Superintendents, Austin, TX, April 27-28, 2017.

Why emotions are integral to learning. 30-minute webcast/recorded lecture to 6-seconds.org, April 13, 2017.

The development of neural processing of others’ moral excellence: Insights for innovation in education. Keynote presentation, guest course lecture and associated university advising activities to the Southern Utah University Festival of Excellence, April 3-4, 2017.

Why emotions are critical to adolescents’ learning: A neurobiological perspective. Invited presentation to the Stuart Foundation board meeting, San Francisco, CA, March 29, 2017.

Invited presentation and panel discussion to *Sense about Science USA’s* half-day workshop for scientists and graduate students on public science and media outreach. USC, March 24, 2017.

Encouraging student reflection to support deeper learning. Featured interview on Digital Promise: Accelerating innovation in education. Posted March 22, 2017.
<http://researchmap.digitalpromise.org/gallery/encouraging-student-reflection-to-support-deeper-learning/>

Embodied brains, social minds, cultural meaning: Insights from social-affective neuroscience for improving pedagogy. Invited speaker to the Santa Cruz Education Speaker Series hosted by Gateway School (Santa Cruz, CA), York School (Seaside, CA), Mount Madonna School (Watsonville, CA) and Cabrillo College (Aptos, CA). Santa Cruz, CA. Feb. 1, 2017.

Rest is not idleness in the brain: Insights from social-affective neuroscience for educators in high-performing public school districts. 3-hour workshop to the 21st Century Superintendents’ Consortium Meeting, Dallas, TX. Oct. 27, 2016.

What are emotions, and why do emotions matter in teaching and learning? Invited keynote lecture to the Momentous Institute “Changing the Odds” Conference for educators, Dallas, TX. Oct. 7, 2016.

The importance of relationships to learning in school. 30-minute presentation to be included in the Science of Learning Research Center’s Deep Learning MOOC, University of Queensland, Australia. Recorded Sept. 26, 2016. https://www.youtube.com/watch?v=kzMHfa_qLG4

Embodied brains, social minds, cultural meaning: Insights from social-affective neuroscience for improving pedagogy. Full-day professional development workshop for the faculty of Shalhevet Academy, LAUSD, Los Angeles, CA. Aug. 24, 2016.

What is the link between grit and imagination? Emotions. Invited talk to the Grit and Imagination Summit, hosted by the University of Pennsylvania Imagination Institute in honor of Sir John Templeton. Philadelphia, PA, Aug. 2, 2016.

Embodied brains, social minds, cultural meaning: Social-affective development in educational context. 2-hour workshop to the Harvard Graduate School of Education Future of Learning Institute. Cambridge, MA, July 29, 2016.

Rest is not idleness in the brain: Insights from social-affective neuroscience for educators. 2-hour workshop to the leadership of Bank Street College and The Blue School, followed by an evening presentation open to the community. New York, NY, May 3, 2016.

Adolescent brain, social, emotional and academic development: Implications for innovating in LAUSD's middle schools. Prerecorded presentation to the LAUSD Office of Curriculum, Instruction and School Support, and community attendees, Los Angeles, CA, Feb. 25, 2016.
<http://achieve.lausd.net/Page/10898#spn-content>

Adolescent brains and emotions: Peers, parents, culture, risks and resilience. Plenary address at the Learning and the Brain Conference, San Francisco, CA, Feb. 12, 2016.

Education in global context: Understanding the role of emotions, values and social relationships. Invited briefing to the United States' Ambassador to Germany and his staff, Berlin, Dec. 1, 2015.

The science of social learning: Emotions in the brain, teaching and learning. Plenary talk to the Learning and the Brain Conference, Boston, MA, Nov. 14, 2015.

Rethinking the goals of education using interdisciplinary evidence on development. Opening keynote to the annual conference for heads of schools of the Connecticut Association of Independent Schools (CAIS). Nov. 13, 2015, Mystic, CT.

Rest is not idleness in the brain: How social emotions are foundational for learning. Keynote presentation to the 125th anniversary celebration of The Williams School, Nov. 12, 2015, New London, CT.

Emotions, learning and the brain. Keynote lecture to the Houghton Mifflin Harcourt Math Summit, Nov. 10, 2015, Beverly Hills, CA.

Media, social communication and self. Video-recorded presentation at the National Academy of Sciences Institute of Digital Media and the Developing Child. Oct. 14, 2015, Irvine, CA.

Emotions, learning and the brain: Implications for urban education reform. Invited presentation to the Rossier School of Education Board of Councilors. Oct. 7, 2015, Los Angeles, CA.

Rest is not idleness in the brain: Why kids need may downtime and opportunities for reflection to develop a strong sense of self and a moral compass. Video-recorded plenary talk to the Dalai Lama Institute's Heart-Mind Conference, Oct. 2, 2015, Vancouver, Canada.

Rest is not idleness in the brain: Reconciling rigor with well-being in education. Full day interactive lecture and curriculum planning workshop delivered to the faculty of the Phillips Exeter Academy. Sept. 3, 2015, Exeter, NH.

Rethinking the goals of education using interdisciplinary evidence on development. Opening keynote and interactive discussion to the deep-dive working conference of the National Association of Independent Schools (NAIS). May 19, 2015, Nashville, TN.

The relevance of emotion processing for the design of online learning environments. Colloquium delivered at Noodle. May 8, 2015, New York, NY.

The social, emotional brain: Implications for how children learn, and how to teach them. Keynote address to the Learning and the Brain Conference. May 8, 2015, New York, NY.

Rethinking the goals of education using interdisciplinary evidence on development. Colloquium and interactive discussion for faculty at the Phillips Exeter Academy. April 29, 2015, Exeter, NH.

Embodied brains, social minds: Using affective neuroscience to inform the design of online learning environments. Presentation to the Center for Applied Special Technologies (CAST), April 10, 2015, Wakefield, MA.

Emotions, learning and the brain: What educators should know. Full day presentation to the Brainy Bunch, an association of teachers, administrators and parents headed by Pat Wolfe. January 16, 2015, Napa, CA.

A developmental, neurobiological perspective on the relation between acting and experiencing. Keynote presentation to the American Association of Theater Educators (AATE) Annual Conference. Aug. 1, 2014, Denver, CO.

Embodied brains, social minds: Neuroscientific perspectives on emotions and social relationships in learning. 3-hour keynote lecture to the Association of Educational Therapists (AET) Annual Conference. Oct. 24, 2014, Anaheim, CA.

Embodied brains, social minds: Exploring the role of social emotion, self-awareness and culture in group membership and decision-making under stress. Lecture to the U.S. Army Immersive Training Workshop (for new commandants and other senior leaders from the Non-Commissioned Officer Academies), hosted at USC Institute for Creative Technologies. Sept. 24, 2014, Marina del Rey, CA.

Embodied brains, social minds: Exploring the role of social emotion, self-awareness and culture in learning. 1-hour keynote followed by a 3-hour workshop to Dawson College Pedagogy Day (annual required professional development conference for all faculty). Oct. 17, 2014, Montreal, Canada.

Neuroscientific perspectives on emotion, culture and compassion. 3-day series of day and evening talks and workshops for faculty, parents and 9th-grade classes in the wake of police violence and community unrest, at Mary Institute and St. Louis Country Day School (MICDS). Sept. 17-19, 2014, St. Louis, MO.

Embodied brains, social minds: How emotions integrate self, others and community. 3-hour workshop for high school principals followed by a 1.5 hour keynote presentation to the 5th APS Global Educational Leadership Conference, entitled *People Matter: Growing Self, Growing Others, Growing Community*. May 7-8, 2014, Singapore.

Embodied brains, social minds: Why learning is an inherently social and relational process, and what this means for schools that serve migrant and immigrant children. 3-hour keynote presentation to the Early Childhood Educators' Conference, March 29, 2014, Corning, CA.

Making connections: The art and science of teaching. Week-long workshop conducted for the Visible Thinking cooperative of teachers and schools in South Florida and South and Central America, March 17-21, 2014, Miami, FL.

Embodied brains, social minds: The relevance of social affective neuroscience to education. Presentation to the Temporal Dynamics of Learning Center All Hands Meeting, February 8, 2014, University of California San Diego, La Jolla, CA.

Rest is not idleness: Neurobiological perspectives on social emotions, moral development and academic learning. Keynote address to the RAVSAK/PARDES Day School Leadership Conference, Jan. 21, 2014, Los Angeles, CA. <https://www.youtube.com/watch?v=fMoJdgy2NfI>

Embodied brains, social minds: The role of non-cognitive variables in predicting and supporting college success. Keynote address to the National Scholarship Providers' Conference, Oct. 15, 2013, Portland, OR.

Embodied brains, social minds: Child and adolescent development in a technological age. Series of 3 lectures at Viewpoint School, Calabasas, CA, to the high school student body (500 students), the faculty and staff, and the students' parents, Oct. 7, 2013.

The power of story. Speech delivered to the USC Shoah Foundation Humanitarian Gala Event honoring George Clooney, Oct. 3, 2013, New York, NY.

Embodied brains, social minds. Keynote talk delivered to the NexusEQ conference organized by 6sec.org, Harvard Medical School, Boston, MA, June, 2013

Brains at rest: Neurobiological perspectives on the development of social reflectiveness. Keynote presentation to the Learning and the Brain Conference, San Francisco, CA, Feb. 14, 2013.

Empathy in the digital age. Public debate with Howard Gardner sponsored by the Shoah Foundation, Los Angeles, CA, Feb. 11, 2013.
<http://sf.usc.edu/content/20130211-lecture-dr-howard-gardner-digital-media-learning-and-empathy>

Addressing the four C's: K-12 pedagogy for healthy emotions and relationships. Lunchtime keynote presentation to the Manhattan Beach California Unified School District's annual professional development workshop for K-12 faculty, Oct. 22, 2012.

Designing neuroscience research programs that can inform important societal issues and questions. Lecture to the USC Neuroscience Graduate Program conference on communicating neuroscience to the public. Oct. 5, 2012.

Embodied brains, social minds: How relationships shape learning, motivation and self. Presentation to the Hawn Foundation professional development conference for teachers on Changing the odds: Supporting Mindful Learning. Dallas, TX, Sept. 21, 2012.

Neurobiological and developmental perspectives on the origins of creativity in children. Keynote presentation to the Learning and the Brain Conference, hosted by Columbia University, April 19, 2012.

Embodied brains, social minds: Perspectives on the emotional origins of creativity and scientific knowledge. Address to the Bay Area Discovery Museum Donor Circle Speaker Series, San Francisco, CA, Feb. 16, 2012.

Emotions as adaptive processes. Workshop to the Army Training and Doctrine Command (TRADOC), Institute for Creative Technologies, Marina del Rey, CA, Feb. 15, 2012.

Embodied brains, social minds: Neurobiological and developmental perspectives on emotion, culture and learning. 6-hour workshop at the Rivers School, Weston, MA, Jan. 3, 2012

The neurobiology of our human potential for virtue (keynote lecture to 1000 participants); *The art and science of teaching and learning* (post-conference workshop to 80 participants). Conference on Mind and its Potential, Sydney, Australia, Nov. 8-9, 2011.

Embodied brains, social minds: How inspiration motivates purposeful learning. TEDx talk, Oct. 22, 2011. <http://tedxmanhattanbeach.com/2011/10/tlc-mhiy/>

Embodied brains, social minds: Perspectives on emotion, learning and self. Keynote presentation at the International Primary Curriculum Leadership Conference, London, England, Oct. 13, 2011.

What can science contribute to the future of learning? (public debate between MHIY, Howard Gardner and David Rose); *Embodied brains, social minds: neurobiological perspectives on learning in a digital, global age* (plenary lecture). Future of learning conference, Harvard Graduate School of Education, Cambridge, MA. August 2, 2011.

The future of Mind, Brain and Education in a global society. Public debate with Howard Gardner and David Rose at the Harvard Future of Learning Summer Institute, sponsored by Harvard University Project Zero, Cambridge, MA, August 5, 2010.

Neuroscience and Education: Some examples of the potential. Joint lecture with Peter Mundy to the AAU Education Deans' Meeting, Washington, D.C., Nov. 13, 2009.

Social affective neuroscience, cultural differences, and implications for education in a global world. 5-hour lecture/workshop at the Ross Global Academy International Conference on Emotion and Learning, East Hampton, MA, August 25, 2009.

Our bodies, our minds, our "selves": Neurobiological perspectives on emotion, social interaction and learning. Keynote lecture to 1450 special education teachers at the Anchorage School District Special Education Cross District Training, Anchorage, AK, August 14, 2009.

Our bodies, our minds—our cultures, our selves: Body, mind and emotion in learning. Keynote address to the Learning and the Brain Conference, Boston, MA, Nov. 22, 2008.

Educating adult students with disabilities: The role of social interaction and shared emotion in learning. Opening keynote lecture to the California Association for Postsecondary Education and Disability (CAPED) 33rd Annual Convention, San Francisco, CA, Oct. 7, 2008.

The neurobiological link between emotion, cognition and social processing: Implications for education. Keynote address to the Learning and the Brain Conference, San Francisco, CA Feb. 9, 2008.

All smoke and mirror neurons: Body, mind and emotion in the making of "us". Invited series of three lectures to the Santa Barbara community of educators, pediatric clinicians and parents, sponsored by the Crane Country Day School, Santa Barbara, CA, August, October, and December, 2008.

Emotion, social interaction and learning: Lessons for education from two boys living with half their brains. Keynote address to the Learning and the Brain Conference, San Francisco, CA Feb. 15, 2007.

An introduction to the brain and neurosciences for educators. Three-hour workshop delivered at the Summer Institute on Connecting the Mind, Brain and Education, Harvard University Programs in Professional Education, Cambridge, MA on June 22, 2003 and June 30, 2008. Workshop delivered to the conference of the International Mind, Brain and Education Society, Nov. 1, 2007; May 28, 2009. Workshop delivered to the Learning and the Brain Conference triannually, 2004-2011.

A conceptual introduction to the brain and neuroscience. Guest video-lecture and follow-up interactive session delivered to K. Fischer's and H. Gardner's course, *Cognitive Development, Education and the Brain*, HU Graduate School of Education, on Sept. 20, 2001, Feb 3, 2003, Feb. 9, 2004, March 2, 2005.

The importance of bringing "M" and "B" to "E": A critical conversation about research on hemispherectomy. Invited video lecture with A. Battro for K. Fischer's and H. Gardner's course, *Cognitive Development, Education and the Brain*, HUGSE, on Oct. 8, 2004.

Language, Emotion and Brain Development. Lecture to the Summer Institute on Connecting the Mind, Brain and Education, Harvard University Programs in Professional Education, Cambridge, MA on June 25, 2002 and June 24, 2003.

The neurobiology of working memory for music and language: Where is the overlap, and why? Guest lecture delivered to Marc McManus' course, *Developmental Neurobiology*, Harvard University Psychology Department, Cambridge, MA on April 19, 2001.

Mind, Brain and Education: Integrating across disciplinary boundaries. Joint talk to the Visiting Committee, Harvard University Graduate School of Education, Cambridge, MA on April 10, 2003.

Forging the link between learning and brain science. Invited joint lecture to the Charles Eliot Society, Harvard University, Cambridge, MA on March 15, 2000.

Sense and Nonsense: Neuroscience's impact on Education. Invited joint lecture to the Provost's Committee of Harvard University, Cambridge, MA on Nov. 20, 1999.

CURRICULUM DESIGN AND TEACHING EXPERIENCE

University and Graduate Level

2022 (in prep) **Course Designer, Instructor** "Social-emotional processes, learning and mental health"

2016-2022 **Course Designer, Instructor** ('21-22) "Pro-seminar in Urban Education Scholarship" (required core year-long course for first-year PhD students in education, new for 2018-2019)

2010-18, '22 **Course Lead, Instructor**, EDUC 713, "Human Development across the Lifespan" (Education Psychology doctoral core course), USC

2013-2020 **Instructor**, NEUR HP 490, Directed undergraduate research in neuroscience, USC

2014-2015 **Instructor**, EDUC 791, Doctoral research practicum in education, USC

2013-2015 **Neuroscience Graduate Program Curriculum Redesign Committee**, USC

2012-2014 **Faculty**, Social Neuroscience College 2020 Initiative (doctoral research mentor), USC

2010-2015 **Faculty**, BISC-490 Neuroscience research training (undergrad. research sponsor), USC

2012-2014 **Contributing Instructor**, NEUR 599, "Advanced Overview of Neuroscience II," USC

- 2009, '10 **Instructor**, EDUC 525, "Challenges in urban education: Learning" (doc. core course), USC
- 2009 **Instructor**, EDUC 520, "Development across the lifespan" (masters), USC
- 2007-2008 **Undergraduate Honors Thesis Advisor**, Institute for Multimedia Literacy, USC
- 2010-2011 **Content Director, Course developer**, "Neuroscience and the classroom: Making connections"
Free, online masters-level course for teachers, funded by the Annenberg Media Foundation.
Offered for graduate credit via CO State University. (Note: this course had 17,000 users in its
first year, and has continued to expand its use since.)
- 2007-present **Doctoral/Undergraduate Advisor/Supervisor**, Brain & Creativity Institute, USC
(In addition to USC students, I have supervised undergraduate and graduate students visiting
from various institutions, among them University of São Paulo, Brazil; University of Bielefeld,
Germany; Northeastern University; Harvard University; India Institute of Medical Sciences;
Ecole Normale Supérieure (ENS); École des Hautes Etudes en Sciences Sociales (EHESS);
University Paris Descartes; Bennington College; Amherst College; Yale University;
Cambridge University; Max Planck Institute of Human Development; Freie Univeristät in
Berlin; École Polytechnique Fédérale de Lausanne, Switzerland; Sapienza Università Di Roma,
and others.)
- 2003-2004 **Teaching Fellow**, H-156, "Doctoral Research Practicum on Dynamic Development of
Cognition and Emotion" HUGSE, Cambridge, MA (with K. Fischer)
- 2000-2003 **Mind, Brain and Education Course Developer/Senior Course Coordinator**, HT-100
Human Development and Psychology/Psychology Department, HU (with K. Fischer & H.
Gardner)
- 2001-2002 **Teaching Fellow**, H-090, "Proseminar in Human Development and Psychology."
HUGSE (with C. Snow & R. Selman)
- 1999-2001 **Lead Teaching Fellow**, H-134, "Cognition, Emotion, and the Developing Brain."
Human Development and Psychology/Psychology Department, HU (with K. Fischer)
- 1999-2001 **Teaching Fellow**, T-560, "Neuropsychology and Instructional Design: Meeting the Challenge
of Individual Differences." HUGSE (with D. Rose)
- 1998-1999 **Curriculum Developer/Peer Advisor**, Mind, Brain and Education Masters Program
HUGSE (with K. Fischer) Collaboratively developed and implemented a new
interdepartmental master's program in MBE.

For PK-16 teachers/administrators/leaders

- 2004- **Workshop leader**, "The art and science of teaching"
(internationally attended weeklong yearly workshop for educators and policy makers that has
been hosted by schools in Massachusetts, Alaska, Florida, California, U.K., Singapore,
Australia)
- 2010-2016 **Faculty**, Future of Learning Institute, Harvard University Project Zero
- 2010, '11 **Faculty**, International Mind, Brain, Health and Education Institute, HUGSE
- 2002-2015 **Lecturer**, Harvard University Programs in Professional Education (Summer)

INTERNAL PROFESSIONAL SERVICE

School-Level

- 2019- **USC Rossier School of Education PhD Admissions Subcommittee**
Notable contributions: Co-researched, co-designed and co-authored new school-wide, test-optional admissions policy and review process guidelines to promote racial equity (2019-2020); reviewed over 50 PhD applicants' dossiers (2020-2021); continuing review and innovation of admission procedures (2021-22).
- 2019- **Salary, Promotion and Tenure Committee, RSOE, USC**
Notable contributions: Prepared research statement for Jennifer Crawford's tenure; co-authored profile letters for successful promotions of Julie Marsh, Brendesha Tynes, Tatiana Meguizo. Chairing tenure committee for Yasemin Copur-Gencturk.
- 2016 **Interim Director of the PhD Program, RSOE, USC**
Notable contribution: Organized and chaired full-day PhD-faculty-wide retreat to assess and launch the revision of the core curriculum, Aug. 2016.
- 2015- **PhD Governance Committee, RSOE, USC**
Notable contribution: Contributed to writing Academic Program Review (APR) report.
- 2014- **Salary, Promotion and Tenure Committee, RSOE, USC**
Notable contribution: Prepared research statement for Erika Patall's hire with tenure.
- 2003-2004 **Committee on Curriculum and Instruction, HUGSE, Cambridge, MA**
- 2001 **Admissions Committee, HUGSE, Cambridge, MA**

University-Level

- 2019-2022 **USC Department of Psychology, Tenure track mentoring committee for Dr. Leor Hackel**
- 2020-2021 Served as PhD admissions reviewer/interviewer for Psychology (Brain and Cognitive Science Concentration), and for the Neuroscience Graduate Program.
- 2020 Co-authored Psychology Department promotion documents for Assal Habibi, Jonas Kaplan.
- 2019-2020 **USC Rossier School of Education Dean Search Committee**
Served at the invitation of the USC President and Provost.
- 2016-present **USC Graduate School Advisory Council**
Notable contributions: helped advance graduate teaching initiative; subcommittee that wrote ethics training guidelines and expectations for graduate students across the university.
- 2016-present **Research Advisor, USC Shoah Foundation**
Notable contribution: full day planning retreat, spring 2017.
- 2013-2020 **Advisory Board Member, USC Kortschak Center for Learning and Creativity**
Notable contribution: advised on direction, scope, and research partnerships
- 2010-present **USC Neuroscience Graduate Program Faculty**
Notable contributions: committee to redesign the core curriculum; yearly application reviews and candidate interviews; yearly judging of posters at the student research conference
- 2008-2011 **Admissions and employment review committee, USC Brain and Creativity Institute**
- 2007 **Advanced Seminar in Neuroimaging, Dornsife Neuroimaging Center, USC**
Contributed to discussions furthering neuroimaging technologies and analysis.

EXTERNAL PROFESSIONAL SERVICE

Editorships

- 2020- **Consulting Editor**, *American Psychologist*
- 2009-2020 **Associate Editor**, *Mind, Brain and Education* (IMBES)
(chaired 2015 editor-in-chief search committee)
- 2016-2018 **Editor**, *Cogent Psychology*
- 2015-2018 **Series Editor** (with L. Cozolino), *Norton Series on the Social Neuroscience of Education*
- 2014-2019 **Associate Editor**, *AERA Open* (AERA)
- 2011-present **Consulting Editor**, *Journal of Experimental Psychology: General* (APA)
- 2011-present **Editorial Board Member**, *Culture and Brain* (Internat. Cultural Neuroscience Consortium)

International academic conference organization

- 2021-2022 **Program Co-Chair**, *International Society for Research on Emotion (ISRE)*
- 2021-2022 **Co-Chair** (with Nancy Hill, president & Shauna Cooper), Presidential Initiative Special Topics Meeting, *Society for Research in Child Development*
- 2018 **Chair (and society president)**, *International Mind, Brain and Education Society Bi-Annual Conference*; *responsibility highlights: 400+ participation, secured NSF funding, chaired the keynote committee, oversaw conference procedures and program

Governing and Advisory Boards of Organizations (selected)

- 2020-23 **Invited Member**, Society for Research on Adolescence (SRA) Interdisciplinary Committee
- 2020-22 **Advisory Board/Steering Committee Member**, The International Science and Evidence based Education (ISEE) Assessment, UNESCO
- 2020- **Advisory Board Member**, Institute of Education Sciences
- 2020- **Advisory Board Member, Invited Ally**, Science of Learning and Development (SoLD) Design Principles, <https://www.soldalliance.org/>
- 2019 **Advisory Board Member**, Learning Policy Institute's Global Science of Learning for Education
- 2019- **Advisory Board Member**, Global Science of Learning Network for Education (GSOLEN)
- 2019- **Advisory Board Member**, Equitable Learning & Development Project's Adult Advisory Circle, University of Chicago
- 2017- **Advisory Board Member**, Digital Promise, <http://digitalpromise.org/>
- 2017- TNTP Technical **Advisory Board Member**, tntp.org
- 2016- **Invited Member**, International Advisory Committee, Centre for Culture, Cognition and Health, Karolinska Institute, Stockholm, Sweden
- 2016-2020 **Invited Member**, Scientific Advisory Committee for the Centre for Research on Learning and Innovation (CRLI), University of Sydney, Australia
- 2017-2020 **Advisory Board Member**, Viewpoint School, Calabasas, CA
- 2014- **Teaching and Learning Committee**, Advisor to the Superintendent of Schools, Manhattan Beach USD, CA

2014-2016 **Advisory Board Member**, Institute of Digital Media and Child Development
 2011-2022 **Elected Member of the Governing Board**, IMBES; elected president 2016-18
 2011-2014 **Advisory Board Member**, Long Trail School, Dorsett, VT
 2010-2011 **Invited Member of the President's Neuroeducation Leadership Coalition**, Society for Neuroscience
 2008- **National Advisory Board Member**, U. New Mexico Family Development Program
 2007-2013 **Steering Committee Member**, The Ross School, East Hampton, NY

External committees and other service (selected)

2021- Invited reviewer for the Handbook of Educational Psychology, 4th Edition (HB4), on Foundational Areas of Research in Educational Psychology, chapter titled *Cognitive Neuroscience and Education* by G. Luk and J. Christodoulou.

2021- **Invited Faculty Contributor**, Developmental Psychology Section, Faculty Opinions; identify and author published reviews of important articles. <https://facultyopinions.com>

2020- Peer reviewer of university faculty promotion/tenure dossiers UCLA (2020); Sydney School of Education and Social Work (2020); University of Alabama (2020)

2020- **Collaborator and Advisor**, The FO-CO program: development of contemplative practices and scientific assessment plan. Project awarded the European Varela Award from Mind and Life Europe. Project is led by Tatiana de Castro Amato Locatelli and Emérita Sátiro Opaleye.

2019- **Collaborator**, Center for Scholars & Storytellers, affiliated with UCLA's Psychology Department.

2019 Invited 2-day meeting at Spencer Foundation to provide input on their research funding strategies moving forward, Chicago, IL.

2017-2018 Alliance for Excellent Education (All4Ed), Committee on Science of Adolescent Learning

2016-2018 **Invited Member**, Aspen Institute National Commission on Social, Emotional and Academic Development, Council of Distinguished Scientists

2015-2018 **Appointed Member**, National Academies of Science (NAS)/National Research Council (NRC) Committee on How People Learn II: The Science and Practice of Learning

2016, 2017 **Award Committee Member**, AAAS Early Career Award for Public Engagement with Science

2015-2016 Appointed to the AERA Centennial Knowledge Forum (1 of 30 chosen from ~24K members)

2014-2017 **Invited Member**, AERA Review of Research Award Committee

2008, 2016 **Member of the Delphi Panel** of international experts on neuroeducation, charged with producing ethical and research standards for the new field of MBE.

2011 **Invited conference planning committee member**, Foundation for Psychocultural Research

2009-2011 **Award committee chair**, Award for transforming education through neuroscience, sponsored by IMBES and the Learning and the Brain Conference

2008-present **NSF Reviewer**, Divisions: Research on Learning in Formal and Informal Settings; Brain and Cognitive Science

2008-present **Manuscript Peer Reviewer** for various scholarly journals, books, (inter)national grant programs and conferences, including the following academic journals: *Proceedings of the National Academy of Sciences*; *Contemporary Education Psychology*; *Brain*; *Cerebral Cortex*; *Perspectives on Psychological Science*; *Mind, Brain and Education*; *Behavior and Brain Sciences*; *Journal of Educational Computing Research*; *Human Brain Mapping*; *PLOS one*; *Social Cognitive and Affective Neuroscience*; *Social Neuroscience*; *WIREs Cognitive Science*;

Frontiers; Cogent Psychology; Culture and Brain; Journal of Experimental Child Psychology; American Psychologist, etc.

2008-2009 **Educator in Residence**, Crane Country Day School, Santa Barbara, CA

EARLY RESEARCH EXPERIENCE/EMPLOYMENT

- 2000-2005 **Dissertation Research:** "A tale of two cases: Emotion and affective prosody after right and left hemispherectomy."
HUGSE, Cambridge, MA
Conceived, designed and implemented a multiphase, multilingual study of prosodic language development and emotion in two adolescent boys with brain hemispheres surgically removed to control epilepsy and forty-six normal peers. Supervised multiple research assistants in Argentina and the U.S. in data collection and analysis. Collaborated with researchers at Children's Hospital and Mass. General Hospital, Boston. Advised by K. Fischer, C. Snow, and C. Ayoub.
- 2000-2002 **Qualifying Research:** "Working memory for music and language: Do we develop analogous systems based on similar symbolic experience?"
HUGSE, Cambridge, MA
Conducted an extensive review of knowledge about the neuroscience, cognitive science and development of processes related to working memory for music and language. Developed a novel theoretical framework to reconceptualize the relationships between these domains and educational implications for the development of symbolic thinking. Advised by K. Fischer, H. Gardner, and D. Rose.
- 2000 **Research Assistant**, Autism Project, Massachusetts General Hospital, Boston, MA
(with H. Tager-Flusberg and G. Harris)
Helped to design and test fMRI protocols for research on language abilities and face perception in adult autistic subjects.
- 1998-1999 **Research Assistant**, Project on Cognitive Transfer of Reading Skills in Bilingual Learners
HUGSE, Cambridge, MA (with C. Snow and M. Carlo)
Helped to design, implement, collect and analyze data from the Boston portion of a national study on Spanish to English transfer in bilingual third graders.
- 1997-1998 **Researcher**, Project on Music Learning, HUGSE
Using previously audiotaped data, designed a study of the use of language as a self-scaffolding tool in piano practicing. Supervised an assistant's reliability coding and analysis.
- 1997 **Research Assistant**, Home/School Longitudinal Study of Language Development
HUGSE, Cambridge, MA (with C. Snow and P. Tabors)
- 1997 **Research Assistant**, Head Start Language Diversity Study
HUGSE, Cambridge, MA (with C. Snow and P. Tabors)
- 1995-1997 **Seventh Grade Integrated Science Teacher, Curriculum Developer**, Science and Tech. Department, Randolph Junior/ Senior High School, Randolph, MA
- 1995 **Summer School Teacher**, French and Algebra, Manter Hall School, Osterville, MA
- 1995-2000 **Massachusetts Provisional Teacher Certification:** French, General Science
- 1993 **Laboratory Technician**, Infant Development Project
Cornell University Infant Psychology Lab., Ithaca, NY (with E. Spelke)

Related service activities

- 2004-2005 **Mind, Brain and Education Doctoral Research Group**, HUGSE, Cambridge, MA
Conceived and implemented a new research training group for MBE doctoral students and faculty, with two other advanced doctoral students, advised by Kurt Fischer. Led biweekly research seminar (Fall '04).
- 1998-2005 **Mind, Brain, and Behavior Working Group**, Harvard University, Cambridge, MA Lectured, led and participated in cross-disciplinary discussions of pertinent research issues. HUGSE representative to the university-wide steering committee ('03-'04). Advised university faculty on the program's design and allocation of resources.
- 1999-2004 **Brain Matters Discussion Group**, HUGSE, Cambridge, MA
Organized student-run, biweekly meetings to discuss issues relating neuroscience research to education.
- 1998-2004 **Dynamic Development Research Group**, HUGSE, Cambridge, MA (Chair, '00-01)

SELECTED RECENT NATIONAL AND INTERNATIONAL MEDIA COVERAGE

Interviews on National Radio/Television:

- Interviewed live on Spectrum News One's Inside the Issues with Alex Cohen, hosted by Alex Cohen, in a one-on-one interview, November 10, 2021.
- Interviewed live on *BYU Radio's* The Lisa Show, hosted by Lisa Valentine Clark, in a segment titled, *Engaging Emotions with Students*, March 19, 2021.
<https://www.byuradio.org/5b2f4ab4-ba06-4e02-9cea-a044f96edcc2>
- Interviewed live on KPCC, hosted by Kyle Stokes, in a one-hour segment entitled *KPCC Presents: Professor Immordino-Yang on The Impact of Online Learning*, January 11, 2021.
<https://www.youtube.com/watch?reload=9&v=rfscHbvZHSc&feature=youtu.be>
- Interviewed live on AirTalk, hosted by Larry Mantle, in a segment entitled *Adolescents Face Loneliness, Isolation Amid the Coronavirus Pandemic*, August 17, 2020.
<https://www.scpr.org/programs/airtalk/2020/08/17/65916/adolescents-face-loneliness-isolation-amid-the-cor/>
- Featured in a 30-minute segment of CBS News Radio KNX1070's InDepth report, hosted by Johnathan Serviss (released Sept. 2019). <https://knx1070.radio.com/media/audio-channel/knx-indepth-september-23-2019>
- Neimtus, Z. Featured in a 30-minute interview for the *Times Education Supplement*. (May 31, 2019)
- Interviewed live on NPR Science Friday, hosted by Ira Flatow, in a segment entitled *The Case for Boredom*, September 29, 2017. <https://www.sciencefriday.com/segments/the-case-for-boredom/>
- Featured in 20-minute interview with WNYC Studios' podcast Note to Self, hosted by Manoush Zomorodi (released Sept. 12, 2017). <https://www.wnycstudios.org/podcasts/notetoself/episodes/epiphany-boredom>
- Featured in a 20-minute segment of NOVA's 2-hour special, *School of the Future* (released Sept. 14, 2016).
<https://rossier.usc.edu/improving-learning/>
- Interviewed live by Alex Witt on MSNBC (August 28, 2016)
<http://www.msnbc.com/weekends-with-alex-witt/watch/poverty-affects-the-brain-according-to-study-753123395614>

- Interviewed by Rae Pica on *Studentcentricity*, BAM! Radio Network (March 8, 2016)
<http://www.bamradionetwork.com/student-centric-strategies/3748-students-daydreaming-in-class-it-s-productive-if>
- Interview by Manoush Zomorodi on *New Tech City*, WNYC New York Public Radio (January 26, 2015)
<http://www.wnyc.org/story/bored-and-brilliant-data-preview/>
- Interviewed by Marty Moss-Coane on *Radio Times*, WHYY Philadelphia and NPR Sirius (October 28, 2013). A defense of daydreaming. [live broadcast 1-hour interview with Scott Barry Kauffman]
<https://why.org/episodes/a-defense-of-daydreaming/>
- Interviewed by John Hockenberry on NPR's *The Takeaway* (October 18, 2013) [live broadcast]
<http://www.thetakeaway.org/story/daydream-believer-tangible-benefits-idle-thought/#commentlist>
- Eaton, L. (Writer, Producer, Director), Ballow, B. (Editor), Richman, G. (Executive Producer). (2012) *Arts and the Mind* [PBS 2-hour documentary, aired nationally]. USA: TPT National Productions and Eaton Creative. Retrieved from <http://www.pbs.org/programs/arts-mind/>
- Interviewed by W. Akhtar on National Radio Ireland's "*Bridging the Gaps*" (April 26, 2009). Compassion, inspiration and the human condition. [live broadcast 30-minute interview]
- Interviewed by Jonathan Hamilton on *All Things Considered* (April 13, 2009). Compassion: Easier for a broken leg than heart. <http://www.npr.org/templates/story/story.php?storyId=103043173&ft=1&f=1001>
- Award/Committee announcements and related interviews:***
- Rossier School of Education (October 4, 2016) Immordino-Yang selected for a major national Aspen Institute initiative: <http://rossier.usc.edu/immordino-yang-selected-for-a-major-national-aspen-institute-initiative/>
- Federation of Associations in Behavioral and Brain Sciences (FABBS) Foundation Early Career Impact Award:
<http://www.fabbs.org/news/psychologist-immordino-yang-presented-early-career-impact-award/>
<http://fabbs.org/honoring-our-scientists/former-award-winners/2015-impact-award-winners/>
- Rossier School of Education (March 25, 2014) Mary Helen Immordino-Yang named AERA Award Winner.
<http://rossier.usc.edu/mary-helen-immordino-yang-named-aera-award-winner/>
- Bennett, A. (2014, Jan. 8) Engaging professor: USC Dornsife's Mary Helen Immordino-Yang has been awarded for her success in engaging with the wider community on the issues and importance of neuroscience.
<http://dornsife.usc.edu/news/stories/1597/engaging-professor/>
- Association for Psychological Science (2011, May-June). Rising Stars: Mary Helen Immordino-Yang, *Observer*, 24(5).
<http://www.psychologicalscience.org/index.php/publications/observer/2011/may-june-11/rising-stars-3.html#yang>
- Lifland, J. (Producer). (April 25, 2010) Cozzarelli prize winners. *Proceedings of the National Academy of Science "Science Sessions"* [Audio podcast]. Retrieved from
<http://www.pnas.org/site/misc/immordinoYangPodcast.mp3>
<http://www.pnas.org/site/misc/podcasts.shtml>
- Association for Psychological Science (2010, March-April). APS Member Immordino-Yang Receives Cozzarelli Prize. *Observer*, 23(4).
<http://www.psychologicalscience.org/index.php/publications/observer/2010/april-10/aps-member-immordino-yang-receives-cozzarelli-prize.html>

Daniel, D. and Fischer, K. (2008) First Award for Transforming Education through Neuroscience: Mary Helen Immordino-Yang. *MBE* 2(2), iii.

Features in popular press magazines/news outlets/documentary films:

- Alpert, Y. M. Shh ... How a little silence can go a long way for kids' mental health. *National Geographic.com*. (September 10, 2021).
<https://www.nationalgeographic.com/family/article/a-little-silence-can-go-a-long-way-for-kids-mental-health>
- Smith, H. TRUE TALK: Are you ready for a summer rest? *The North Augusta Star*. (July, 28, 2021).
https://www.postandcourier.com/northaugustastar/religion/true-talk-are-you-ready-for-a-summer-rest/article_eb465f82-ee79-11eb-952d-7fbd7bd287f0.html
- Abramson, A. Filling Your Summer Calendar? Slow Your Roll. *New York Times*. (May 14, 2021)
<https://www.nytimes.com/2021/05/14/well/filling-your-summer-calendar-slow-your-roll.html?referringSource=articleShare>
- Janjuha-Jivraj, S. Why Is LEGO Encouraging All Leaders To Play More? *Forbes*. (May 2, 2021)
<https://www.forbes.com/sites/shaheenajanjuhajivrajeurope/2021/05/02/why-lego-is-encouraging-all-leaders-to-play-more/?sh=460c9e494086>
- Fields, C. COVID showed the cracks in society. How can we fix them? *Cleveland.com*. (March 28, 2021)
<https://www.cleveland.com/coronavirus/2021/03/covid-showed-the-cracks-in-society-how-can-we-fix-them.html>
- Dooling, A. How Being More Productive Starts with Doing Nothing: It's gotten harder to create mental breaks as work and home have blurred. Here are ways to get your brain a rest. *Wall Street Journal*. (March 16, 2021) <https://www.wsj.com/articles/why-doing-nothing-can-make-you-more-productive-11615911969>
- Tat, L. & Yarbrough, B. Education saw a lot of changes in the past year, here's what could be here to stay. *Los Angeles Daily News* (March 12, 2021)
<https://www.dailynews.com/2021/03/12/education-saw-a-lot-of-changes-in-the-past-year-heres-what-could-be-here-to-stay/>
- Cummins, E. Why spacing out is good for you: A wandering mind reaps benefits you might not imagine. *Popular Science*. (February 25, 2021) <https://www.popsci.com/story/health/head-trip-spacing-out/>
- Barajas, J. These mentors see the 'collective trauma' of pandemic-hit teens. Here's how they help. *Los Angeles Times*. (January 12, 2021)
<https://www.latimes.com/california/story/2021-01-12/city-year-the-mental-health-arm-of-ameriacorps-is-helping-scores-of-students-in-los-angeles-and-boyle-heights-to-help-them-through-pandemic-isolation>
- Woodley, L. A Trusted Space: redirecting grief to growth. (Fully length documentary film, produced by PBS). (September 29, 2020) <https://allittakes.org/a-trusted-space/>
- U.S. News and World Report. (August 28, 2020). As the coronavirus upends schools, experts say don't forget the arts. *U.S. News and World Report*.
https://www.usnews.com/news/health-news/articles/2020-08-28/aha-news-as-the-coronavirus-upends-schools-experts-say-dont-forget-the-arts?utm_source=USC+News+Shortlist&utm_campaign=c54d9e7243-EMAIL_CAMPAIGN_2020_09_03_04_52&utm_medium=email&utm_term=0_04b26a1e33-c54d9e7243-113490717&mc_cid=c54d9e7243&mc_eid=387f0ff020
- Brooks, D. Students Learn From People They Love: Putting relationship quality at the center of education. *The New York Times*. (January 17, 2019)
<https://www.nytimes.com/2019/01/17/opinion/learning-emotion-education.html>
- Nathan, A. How genetic differences could make schools better. *NOVA Lens*; reprinted in *NOVA Next* (August 3, 2018) <http://www.pbs.org/wgbh/nova/next/body/how-genetic-differences-could-make-schools-better/>

- Strauss, V. Are private schools really better than public schools? A look at the data. *Washington Post* (March 27, 2018)
<https://www.washingtonpost.com/news/answer-sheet/wp/2018/03/27/are-private-schools-really-better-than-public-schools-a-look-at-the-data/>
- Ruggeri, A. The compelling case for working a lot less. *BBC.com* (Dec. 5, 2017)
<http://www.bbc.com/capital/story/20171204-the-compelling-case-for-working-a-lot-less>
- Brilliant, S. Brainious. (Full length documentary film). (February 11, 2018) <https://www.brainiousfilm.com/>
- Judson, G. Emotion at the helm. *The Creativity Post* (March 31, 2017)
http://www.creativitypost.com/education/emotion_at_the_helm
- Mendoza, J. What if volunteers had a Craigslist to help public schools? *The Christian Science Monitor, Equal Ed section*. (September 19, 2016)
<http://www.csmonitor.com/EqualEd/2016/0919/What-if-volunteers-had-a-Craigslist-to-help-public-schools>
- Hayasaki, E. How poverty affects the brain. *Newsweek* cover story. (September 2, 2016)
<http://www.newsweek.com/2016/09/02/how-poverty-affects-brains-493239.html>
- Lamothe, C. Building global citizens: Want your children to grow into more empathetic adults? Travel with them. *Quartz Magazine*. (August 23, 2016)
<http://qz.com/763433/want-your-children-to-grow-into-more-empathetic-adults-travel-with-them/>
- Fenske, K. Play is serious business. *Psychology Today* online blog. (August 15, 2016)
<https://www.psychologytoday.com/blog/home-base/201608/play-is-serious-business>
- Flanagan, L. How to make math more emotionally engaging for students. *Mind/Shift: How we will learn, KQED Public Radio Blogs* (September, 2016)
<http://ww2.kqed.org/mindshift/2016/08/02/how-to-make-math-more-emotionally-engaging-for-students/>
- Thompson, A. Downtime. *Natural Awakenings Magazine* (July, 2016).
- Lahey, J. To help students learn, engage the emotions. *New York Times* (May 4, 2016).
<http://mobile.nytimes.com/blogs/well/2016/05/04/to-help-students-learn-engage-the-emotions/?smid=fb-nytimes&smtyp=cur&referrer=http://m.facebook.com>
- Lindley, J. Can I have some peace and quiet? *Real Simple* (January, 2016).
- Thomas, S. G. The importance of downtime. *MORE Magazine* (November, 2015).
- Ferguson, C. Kids say the darndest things, and that's one of the things we love about them. *Sun Sentinel* (September, 2015)
<http://www.sun-sentinel.com/features/south-florida-parenting/newsletter/sfp-kids-say-the-darndest-things-and-thats-one-of-the-things-we-love-about-them-20150916-story.html>
- Harris, B. *The brain: The ultimate guide* (2015), The limbic system: Your brain's emotional circuitry, pp 60-61
- Matthiessen, C. Is your preschooler's lying and stealing normal? *Great Kids!* (July, 2015)
<http://www.greatschools.org/gk/articles/is-your-preschoolers-lying-and-stealing-normal/>
- Sukel, K. What cultural differences can reveal about the way we learn. *Good: Project Literacy* (May, 2015)
<http://magazine.good.is/articles/cultural-literacy>
- Crane, B. For a more creative brain, travel: How international experiences can open the mind to new ways of thinking. *The Atlantic* (March, 2015).
<http://www.theatlantic.com/health/archive/2015/03/for-a-more-creative-brain-travel/388135/>
- Kaufman, S.B. Dreams of glory. Cover article in *Psychology Today* (March-April, 2014)
- Wohlin, P. Tar hjärnforskning till klassrummet. Feature article in the Swedish magazine, *Gy*. (February, 2014)

- Svoboda, E. Do “Hero’s journey” narratives create heroes?: How our gut reaction to inspiring stories could influence our moral motivation. *Psychology Today* (December 12, 2013)
<http://www.psychologytoday.com/em/139698>
- Lahey, J. Teach kids to daydream: Mental downtime makes people more creative and less anxious. *The Atlantic* (October 16, 2013)
<http://www.theatlantic.com/education/archive/2013/10/teach-kids-to-daydream/280615/>
- Jabr, F. Why your brain needs more downtime. *Scientific American* (October 15, 2013)
<http://www.scientificamerican.com/article.cfm?id=mental-downtime>
- Schwartz, K. How emotional connections can trigger creativity and learning. *Mind/Shift: How we will learn, KQED Public Radio Blogs* (March 15, 2013)
<http://blogs.kqed.org/mindshift/2013/03/how-emotional-connections-can-trigger-creativity-and-learning/>
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Features on Podcasts (Selected):

- Logan, T. (Host). (October 13, 2021). *On Building Meaning and Building Teens' Brains - A Conversation with Dr. Mary Helen Immordino-Yang*. [Audio podcast episode]. In *Future Learning Design*. Retrieved from <https://anchor.fm/futurelearningdesign/episodes/On-Building-Meaning-and-Building-Teens-Brains---A-Conversation-with-Dr--Mary-Helen-Immordino-Yang-e197nuk>
- Kalish, K. (Host) (forthcoming) Title TBD. [Audio podcast episode]. In GEN-ZiNE . Retrieved from <https://>
- Mannion, J. (Host). (October 15, 2021). Mary Helen Immordino-Yang on the neurobiological case for progressive education. [Audio podcast episode]. In *Rethinking Education*. Retrieved from <https://soundcloud.com/rethinking-ed-podcast/re25-mary-helen-immordino-yang>
- Houltberg, B. (Host) (November 4, 2021). Resilience through relationships. [Audio podcast episode]. In *Search Institute's Rooted in Relationships Podcast*. Retrieved from <https://app.resonaterecordings.com/hosting/rooted-in-relationships-search-institute/6f375401-ac09-45dc-9e2a-e685359b1a99>
- O'Connor, E. & Tangeman, M. (Hosts) .(August 25, 2021). Ep. 17 - How Neurological Development Impacts Behavior with Dr. Mary Helen Immordino-Yang. [Audio podcast episode]. In *Parenting Understood*. Retrieved from <https://podcasts.apple.com/us/podcast/ep-17-how-neurological-development-impacts-behavior/id1567107652?i=1000533076962>
- Murphy, Robert S. (Host). (August 11, 2021). #71 - Immordino-Yang, M. H., & Knecht, D. R. (2020). Building meaning builds teens’ brains. *Educational Leadership*, 77(8), 36-43. [Audio podcast episode]. In *Lost in Citations*. Retrieved from <https://lostinthecitations.podbean.com/e/71-immordino-yang-m-h-knecht-d-r-2020-building-meaning-builds-teens-brains-educational-leadership-778-36-43/>

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- Samadi, A. (Host). (December 16, 2020). The Neuroscience of Social-Emotional Learning. [Audio podcast episode]. In *Neuroscience Meets Social and Emotional Learning Podcast*. Retrieved from <https://andreasamadi.podbean.com/e/professor-mary-helen-immordino-yang-on-the-neuroscience-of-social-and-emotional-learning/>
- Damon, N. (Host). (August 4, 2020). Meaning Making in the Remote Classroom with Dr. Mary Helen Immordino-Yang and Dr. Rebecca Gotlieb. [Audio podcast episode]. In *Reach. Teach. Talk*. Retrieved from <https://reachacademics.com/podcast/2020/04/08-nat-talks-to-mary-helen-immordino-yang-rebecca-gotlieb>
- Fireberg, R. (Host). (July 23, 2020). Ep2 – Octet and Internet Addiction. [Audio podcast episode]. In *Why We Theater*. Retrieved from <https://broadwaypodcastnetwork.com/why-we-theater/ep2-octet-and-internet-addiction/>
- Kamath, S. (Host). (June, 23, 2020). Ep. 114: Mary Helen Immordino-Yang – Emotions in Learning Matters. [Audio podcast episode]. In *Full PreFrontal*. Retrieved from <https://podcasts.apple.com/us/podcast/ep-114-mary-helen-immordino-yang-emotions-in-learning/id1256689090?i=1000479309997>
- Garrett, J. (Host). (June 13, 2020). We feel therefore we learn: The neuroscience of learning w/ Dr. Immordino-Yang - S3E23. [Audio podcast episode]. In *All of the Above*. Retrieved from https://www.youtube.com/watch?v=6W_A0g94Vg4&feature=youtu.be&t=911
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MINOR/INTRAMURAL AWARDS AND HONORS

- 2021 CANDLE student and MHIY advisee Rodrigo Riveros Miranda received the Kuhmerker Dissertation Award from the Association for Moral Education. His dissertation is titled, “*A Neuropsychological exploration of low-SES adolescents’ life goals and their motives.*”
- 2019 Received a Certificate of Appreciation from Los Angeles Unified School District Pupil Services and Student Support Programs, Los Angeles, CA.
- 2018 Received the Exemplary Research Award from School Board District 9, Miami FL.
- 2018 Best Research Poster Award at the International Mind, Brain and Education Society Conference, Los Angeles, CA, for *Krone, C., *Yang, X.-F., Farrington, C., & **Immordino-Yang, M.H.** (September, 2018). *Developmental neural, psychological, and emotional correlates of academic mindsets*. NOTE: Four awards were given; ~100 posters competed.
- 2014 USC Rossier School of Education Award for Mentoring Postdoctoral Fellows
- 2014 Named “Principal for a Day,” ABC Unified School District, Artesia High School, Cerritos, CA
- 2010 Awarded “Best presentation of the conference” (of 30 presentations considered) for Singh, V. & Immordino-Yang, M.H. (June, 2010). *Activation and interconnectivity of the hippocampus*

during the feeling of admiration and compassion. Presented at the FENS-IBRO Summer School (Federation of European Neuroscience Societies-International Brain Research Organization), entitled Cognition and Action: System Neuroscience Approaches to Understanding Complex Behavior. Dubrovnik, Croatia. NOTE: V. Singh was MHIY's current graduate student.

- 2003 Invited by the Dean to deliver the Student Welcoming Address at the new student orientation ceremony, HUGSE
- 2002 Harvard University Mind, Brain and Behavior Fellow
- 2001 Awarded "distinction" by all committee members on qualifying paper, entitled: *Working memory for music and language: Do we develop analogous systems based on similar symbolic experience?*, HUGSE
- 2000 Qualifying paper proposal awarded "model" status by the Committee on Degrees anonymous faculty committee, HUGSE

STUDENTS SUPERVISED

Graduate Students Advised/Financially Supported:

Gina Nadaya, PhD in Psychology (Developmental; co-advised with Santiago Morales) expected June, 2026

Emily Gonzalez, PhD in Urban Education Policy expected June, 2025

Ellyn Pueschel, PhD in Psychology (Developmental) expected June, 2023

Xavier Lince; PhD in Neuroscience expected March, 2026, University of Lausanne (MHIY is co-advisor; Advisor: Solange Dénervaud)

Christina Kundrak, PhD in Urban Education Policy, received August, 2021

Next position: Postdoctoral Researcher, USC Center for Affective Neuroscience, Development, Learning and Education (CANDLE).

Dakarai McCoy, MS in Neuroscience, received fall, 2020

Rebecca Gotlieb, PhD in Urban Education Policy, received June, 2020

Next position: Postdoctoral Research Fellow, Center for Dyslexia, Diverse Learners, and Social Justice, UCLA.

Rodrigo Rivera, PhD in Psychology, received June, 2020

Next position: Postdoctoral Researcher, joint position between The Thrive Center for Human Development at Fuller Theological Seminary and USC Center for Affective Neuroscience, Development, Learning and Education (CANDLE).

Erik Jahner, PhD in Education received November, 2017, UC Riverside (Co-Advisor: Lee Swanson; dissertation research conducted at the BCI supported by MHIY)

Next position: Research Scientist, National Institute of Education, Nanyang University, Singapore

Sará Benin, PhD in Education received October, 2017, UCLA (Co-Advisor: Thomas M. Philip)

Next position: Postdoctoral Fellow, University of Oregon

Janalynn Bliss, EdD in Educational Psychology received December, 2018

Next position: Creative Writing Graduate Coordinator, USC Dornsife College

John Beltramo, PhD in Education received June, 2016; MHIY advised 2012-2013

Next position: Assistant Professor, Regis University

Vanessa Singh, PhD in Psychology received November, 2014 (co-Advisor: Antonio Damasio);

Next position: Postdoctoral Fellow, UCSF (mentor: Fumiko Hoefft)

Xiaofei Yang, PhD in Neuroscience received December, 2013

Next position: Postdoctoral Fellow, USC Brain & Creativity Institute

Andrea McColl, MS; MA in Psychology received June, 2011

Next position: Educational Software Developer

Graduate Committee Member (only PhD listed; EdD committee member list by request):

Lei, Su; PhD in Computer Science expected December, 2022 (Advisor: Dr. Jonathan Gratch)

Alysia Burbidge; PhD in Social Psychology expected May, 2023 (Advisor: Dr. Daphna Oyserman)

Anthony Vaccaro; PhD in Psychology expected June, 2023 (Advisor: Antonio Damasio & Jonas Kaplan)

Gulnaz Kiper; PhD in Social Psychology expected June, 2022 (Advisor: Daphna Oyserman)

Neil Jacobson; PhD in Urban Education Policy expected June, 2022 (Advisor: Gale M. Sinatra)

Woo Jung Lee; PhD in Social Work expected June, 2022 (Co-Advisors: Daniel Hackman & Olivia J. Lee)

Aditya Jayashankar; PhD in Occupational Science expected August 2021 (Advisor: Lisa Aziz-Zadeh)

Neha Miglani; PhD in Education expected June, 2021 (Advisor: Patricia Burch)

Daniel Lee; PhD in Social Work received June, 2021 (Advisor: Ferol Mennen)

Xiaobeis Zhang; PhD in Psychology expected June, 2020 (Advisor: John Monterosso)

Nadja Marie Mariager, PhD received June, 2020 (Advisor: Ane Qvortrup; University of Southern Denmark)

Melissa Stone; Masters received December, 2019 from Freie Universität Berlin in Social, Cognitive and Affective Neuroscience. Note: Thesis conducted in MHIY's laboratory.

Sarah Stoycos; PhD in Clinical Science, Psychology Department received June, 2019 (Advisor: Darby Saxbe)

Melissa Roemmele; PhD in Computer Science received March, 2018 (Advisor: Andrew Gordon)

Leslie Berntsen; PhD in Psychology received June, 2018 (Advisor: Laura Baker)

Robert Danielson; PhD in Education, 2017 (Advisor: Gale Sinatra)

Eun Cho; DMA in Music Teaching and Learning received December, 2017 (Advisor: Beatriz Ilari)

Suzanne Houston; PhD in Psychology received December, 2016 (Advisor: Elizabeth Sowell)

Vesna Gamez-Djokic; PhD in Neuroscience received July, 2016 (Advisor: Lisa Azziz-Zadeh; MHIY was committee chair)

David Clewett; PhD in Neuroscience received June, 2016 (Advisor: Mara Mather)

Larissa Del Piero; PhD in Psychology received June, 2016 (Advisors Gayla Margolin and Darby Saxbe)

Peter Meindl; PhD in Psychology received May, 2016 (Advisor: Jesse Graham)

Misty Sawatzky; PhD in Education received September, 2014 (Advisor: Alicia Dowd)

Helder Filipe Araujo, MD; PhD in Neuroscience received May, 2014 (Advisor: Antonio Damasio; MHIY was committee chair)

NOTE: PhD and Master's students who completed their dissertations at least partly in my lab or with data from my laboratory, but whose committees I could not officially join due to internal rules at their institutions, are:

Camilla Moliterni, visiting scholar from Sapienza Università di Roma, July, 2021-April, 2022

Oisin Butler; PhD received 2018 from the Max Planck Institute for Human Development, Berlin, Germany (Advisor: Simone Kühn) Next position: Research Scientist, Bayer Pharmaceuticals

Gabriela Pavarini, PhD received 2016 from Cambridge University, U.K. (Advisor: Simone Schnall)

Solange Déneraud, PhD received December 2020 from Université de Lausanne, CH (Advisor: Patric Haggman). Winner, dissertation of the year award, EPFL and Geneva Universities, Lausanne

Postdoctoral Fellows/Research Scientists Mentored/Financially Supported:

Pauline Baniqued, PhD (postdoctoral fellow, 2019-)

Erik Jahner, PhD (postdoctoral fellow, 2020-)

Rodrigo Riveros, PhD (postdoctoral fellow, 2020-)

Christina Kundrak, PhD (postdoctoral fellow, 2021-)

Xiaofei Yang, PhD (postdoctoral fellow, 2013-2018; current position: Senior Research Scientist and Scientific Director, CANDLE)

Sarah Gimbel, PhD (2012-2014; co-mentored with Antonio Damasio and Jonas Kaplan)

Next position: Research Scientist, UC San Diego

Christine Tipper, PhD (2012-2013; co-mentored with Antonio Damasio and Jonas Kaplan)

Next position position: Research Associate, University of British Columbia Dept. of Psychiatry

Darby Saxbe, PhD (2010-2013; co-mentored with Gayla Margolin)

Current position: Associate Professor of Clinical Psychology, USC

List of Undergraduate and High School Students Mentored upon Request (total >50)