

JULIE GROS-LOUIS

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EDUCATIONAL AND PROFESSIONAL HISTORY

Education

- Ph.D. Psychology, University of Pennsylvania, 2001
- M.A. Psychology, University of Pennsylvania, 1996
- B.S. with honors Biological Anthropology-Zoology, University of Michigan, 1992

Professional and Academic Positions

- 2020-present Associate Professor of Instruction, Department of Psychological and Brain Sciences, University of Iowa
- 2017-2020 Lecturer, Department of Psychological and Brain Sciences, University of Iowa
- 2008-2017 Assistant professor, Department of Psychology, University of Iowa
- 2006-2008 Adjunct faculty, Department of Psychological and Brain Sciences, Indiana University
- 2004-2006 Research associate, Department of Psychological and Brain Sciences, Indiana University
- 2003-2004 NIH-NICHD NRSA Postdoctoral Researcher, Psychological and Brain Sciences, Indiana University
- 2001-2003 NIH Postdoctoral Trainee, Psychological and Brain Sciences, Indiana University
- 1996-2000 Graduate Teaching Assistant, Department of Psychology, University of Pennsylvania

Honors and Awards

- Travel award, Conference of CompCog: Evolution of Social Cognition, a European Science Foundation Research Networking Programme (May 2009)
- Elected fellow, Institute for Research in Cognitive Science, PENN (1999-2000)
- Graduated with honors and high distinction, University of Michigan (1992)

Phi Kappa Phi Honor Society (1992-present)
Golden Key National Honor Society (1990-present)

Professional Organizations

American Psychological Association Division 2: Society for the Teaching of Psychology
American Association of University Women
Graduate Women in Science
International Society on Infant Studies
Society for Research in Child Development

TEACHING AND STUDENT SUPERVISION

Courses taught (University of Iowa)

College

Introduction to Developmental Science (18+ semesters)
Advanced Psychology for Pre-Med Track (3 semesters)
Abnormal Psychology for Health Professions (4 semesters)
Social Cognitive Development (5 semesters)
Language and Communication Development (2 semesters)
Behavior Modification (2 semesters)
Comparative Communication (2 semesters)

High School

Developmental Science (1 summer)
Animal Behavior, Ecology, and Cognition (1 summer)

Courses taught (Indiana University)

Introduction to Psychology (2005-2007)
Advanced Laboratory in Developmental Psychology (Spring 2005)

Other teaching

Invited guest lecturer and field leader, DANTA field course in Primate Behavior and Conservation, El Zota Biological Field Station, Costa Rica (Winter 2007)

Student Supervision

Degree Objective	Name	Years	Outcome
Ph.D. students:	Zhen Wu	2009-2015	Ph.D., assistant professor, Tsinghua University, Beijing China
M. A. with thesis:	Amber Dewey	2010-2012	M.A.
Honors students:	Yelim Hong	2015-2017	B.S. w/honors
	Ahhyun Cheong	2014-2015	B.S. w/honors
	Fanya Sun	2013-2014	B.S. w/honors
	Jennifer Hand	2011-2012	B.S. w/honors
	Kiley Dewhurst	2010-2011	B.S. w/honors
	Jennifer Andersen	2010-2011	B.S. w/honors

Student Awards

Undergraduate student awards

Iowa Center for Research by Undergraduates – Outstanding Poster Presentation Award:
Qiuting Zhou, Spring 2013

Iowa Center for Research by Undergraduates – Commended Poster Presentation Award:
Alex Einfeldt, Spring 2010

Iowa Biosciences Advantage – Best Student Poster Award: Alex Einfeldt, Summer 2010

Iowa Center for Research by Undergraduates – Outstanding Poster Presentation Award:
Alex Einfeldt, Fall 2010

Graduate student awards

China Scholarship Council-Chinese Government Award for Outstanding Self-financed Students Abroad, awarded to graduate student Zhen Wu, 2015

American Psychological Association – Best Presentation Award: Zhen Wu, Summer, 2011 for talk presented in the Young Researchers in Developmental Psychology: Selected Student Papers Symposium, American Psychological Association 119^a Convention, Washington, DC.

American Psychological Foundation Ungerleider/Zimbardo Travel Scholarship, 2011

M.A. Thesis Committee Service:

Veronica Bonilla-Pacheco (Washington State University, Chair: Thomas Power): May, 2014

Ph.D. Dissertation Committee Service:

Jeung Eun Yoon (Chair: Grazyna Kochanska): May, 2015

Valerie Mendez-Gallardo (Co-chair, Chair: Scott Robinson): June, 2011

Allison Bean (Communication Sciences and Disorders, Chair: Karla McGregor): May, 2010

Comprehensive Examination Committee Service:

Todd Pruner, Fall 2016

Megan Lorenz, Fall 2015

Elizabeth O'Neal, Fall 2013

Beth Brown (Quantitative and Psychological Foundations, College of Ed.), Spring 2013

Zhen Wu, Fall 2012

Michelle Quinn (Communication Sciences and Disorders), Summer 2010

Sarah Kucker, Summer 2010

Marcus Galle, Summer 2009

Kathryn Haggerty, Summer 2009

Valerie Mendez-Gallardo, Fall 2008

Lynn Perry, Fall 2008

Research Advisory Committee Service:

Sarah Kucker

Zhen Wu

Amber Dewey

Marwa Abdalla

Elizabeth O'Neal

ICRU Fellows

Qiuting Zhou (Summer 2013)

Jennifer Hand (Spring 2011, Fall 2011-Spring 2012)

Alex Einfeldt (Summer 2010-Fall 2010)

IBA Students Supervised

Sarah Bannon (Spring 2011)
Alex Einfeldt (Summer 2009-Fall 2010)

SROP-McNair Scholar Students:

Veronica Bonilla (Summer 2010)

Undergraduate Honors Thesis Reader

Keara Turkington (Mentor: Ed Wasserman): Spring 2014

Julie Gudenkauf (Mentor: Natalie Denberg): Fall 2012

Undergraduate Research Supervised

60+ students supervised in my lab, Infant Communication Development Lab (2008-present)

External Students Supervised

Christine Nguyen (Summer 2011-summer internship: Cornell College)

Other supervision

Faculty mentor, Louis Stokes Alliances for Minority Participation Program-NSF Grant Program (2007-2008, Indiana University)

Trained and supervised fifteen undergraduate students in laboratory research (2003-2008, Indiana University)

Intensive writing supervisor for three undergraduate research assistants (2003-2008, Indiana University)

Natalia Schyfter (Honors Thesis co-supervisor; Mentor: Susan Perry, UCLA/ University of Costa Rica, 2005)

Supervised and mentored six undergraduate students and one graduate student in field research methods and data analysis (1996-2000, University of Pennsylvania and field site in Costa Rica)

SCHOLARSHIP

Refereed Publications

contribution: * = major, ** = secondary, *** = equal, **** = minor

*Gros-Louis, J. & Miller, J. (2018). From 'ah' to 'bah': social feedback loops for speech sounds at key points of developmental transition. *Journal of Child Language*, 45, 807-825.

**Miller, J. L., Hurdish, E., & Gros-Louis, J. (2018). Different patterns of sensitivity differentially affect infant attention span. *Infant Behavior and Development*, 53, 1-4.

*Wu, Z., Chen, X., & Gros-Louis, J., & Su, Y. (2018). "She is looking at me! Shall I share?" How Chinese and American preschoolers respond to eye gaze during sharing. *Social Development*, 27, 447-460. DOI: 10.1111/sode.12278

**Wu, Z., Zhang, Z., Guo, R., & Gros-Louis, J. (2017). Motivation counts: Autonomous but not obligated sharing promotes happiness in preschoolers. *Frontiers in Psychology, Developmental Psychology*, 8, DOI: 10.3389/fpsyg.2017.00867.

**Miller, J. L., Lossia, A., Suarez-Rivera, C., & Gros-Louis, J. (2017). Toys that squeak: Toy type impacts quality and quantity of parent-child interactions. *First Language*, 37, 630-647. DOI: [10.1177/0142723717714947](https://doi.org/10.1177/0142723717714947)

** Miller, J. L. & Gros-Louis, J. (2017). The effect of social responsiveness on infants' object-directed imitation. *Infancy*, 22, 344-361.

*Wu, Z. & Gros-Louis, J. (2016). The value of vocalizing: Ten-month-olds' vocal usage relates to

language outcomes at 15 months. *Infancy*, 22, 23-41.

- *Gros-Louis, J., West, M. J., & King, A. P. (2016). The interaction between context and acoustic characteristics of prelinguistic vocalizations in influencing maternal responsiveness. *Language Learning and Development*, 12, 280-294.
- *Wu, Z. & Gros-Louis, J. (2015). Caregivers provide more labeling responses to infants' pointing than to infants' object-directed vocalizations. *Journal of Child Language*, 42, 538-561 (first available online in 2014).
- *Gros-Louis, J., West, M. J., King, A. P. (2014). Maternal responsiveness and the development of directed vocalizing in social interactions. *Infancy*, 19, 385-408.
- *Wu, Z. & Gros-Louis, J. (2014). Infants' prelinguistic communicative acts and maternal responses: Relations to linguistic development. *First Language*, 34, 72-90.
- **Wu, Z., Pan, J., Su, Y., & Gros-Louis, J. (2013). How joint attention relates to cooperation in one and two-year-olds. *International Journal of Behavioral Development*, 37, 542-548.
- **Miller, J. L. & Gros-Louis, J. (2013). Socially guided attention influences infants' communicative behavior. *Infant Behavior and Development*, 36, 627-634.
- *Gros-Louis, J. & Wu, Z. (2012). Twelve-month-olds' vocal production during pointing in naturalistic interactions: sensitivity to parents' attention and responses. *Infant Behavior and Development*, 35, 773-778.
- **Muniz, L., Perry, S., Manson, J. H., Gilkenson, H., Gros-Louis, J., & Vigilant, L. (2010). Male dominance and reproductive success in wild white-faced capuchins (*Cebus capucinus*) at Lomas Barbudal, Costa Rica. *American Journal of Primatology*, 72, 1118-1130.
- **White, D. J., King, A. P., West, M. J., Gros-Louis, J., & Tuttle, E. M. (2010). Effects of singing on copulation success and egg production in brown-headed cowbirds, *Molothrus ater*. *Behavioral Ecology*, 21, 211-218.
- *Gros-Louis, J., Perry, S., Fichtel, C., Wikberg, E., Gilkenson, H., Wofsy, S., & Fuentes, A. (2008). Vocal repertoire of white-faced capuchin monkeys (*Cebus capucinus*): acoustic structure, context and usage. *International Journal of Primatology*, 29, 641-670.
- **Perry, S., Manson, J. H., Muniz, L., Gros-Louis, J., & Vigilant, L. (2008). Kin-biased social behaviour in wild adult female white-faced capuchins, *Cebus capucinus*. *Animal Behaviour*, 76, 187-199.
- **White, D. J., Gros-Louis, J., King, A. P., Papakhian, M. A., & West, M. J. (2007). Constructing culture in cowbirds. *Journal of Comparative Psychology*, 121, 113-123.
- *Gros-Louis, J., Goldstein, M.H., West, M. J., & King, A. P. (2006). Mothers provide differential feedback to infants' prelinguistic sounds. *International Journal of Behavioral Development*, 30, 112-119.
- *Gros-Louis, J. (2006). Acoustic description and contextual analysis of food-associated calls in *Cebus capucinus*. *International Journal of Primatology*, 27, 273-294.
- *Gros-Louis, J., White, D. J., King, A. P., & West, M. J. (2006). Do juvenile males affect adult males' reproductive success in brown-headed cowbirds (*Molothrus ater*)? *Behaviour*, 143, 219-237.
- **West, M. J., King, A. P., White, D. J., Gros-Louis, J., & Freed-Brown, G. (2006). The development of

- local song preferences in female cowbirds (*Molothrus ater*): Flock living stimulates learning. *Ethology*, *112*, 1095-1107.
- **White, D. J., Gros-Louis, J., King, A. P., & West, M. J. (2006). A method to measure the development of song preferences in female cowbirds (*Molothrus ater*). *Animal Behaviour*, *72*, 181-188.
- **Muniz, L., Perry, S., Manson, J. H., Gilkenson, H., Gros-Louis, J., & Vigilant, L. (2006). Father-daughter inbreeding avoidance in a wild primate population. *Current Biology*, *16*, R156-R157.
- **Fichtel, C., Perry, S., & Gros-Louis, J. (2005). Alarm calls of white-faced capuchin monkeys: an acoustic analysis. *Animal Behaviour*, *170*, 165-176.
- *Gros-Louis, J. (2004). White-faced capuchins' responses to naturalistic and experimentally presented food-associated calls. *Journal of Comparative Psychology*, *118*, 396-402.
- *Gros-Louis, J. (2004). The function of food-associated calls from the perspective of the signaller. *Animal Behaviour*, *67*, 431-440.
- ***Manson, J. H., Gros-Louis, J., & Perry, S. (2004). Three apparent cases of infanticide by males in wild white-faced capuchins (*Cebus capucinus*). *Folia Primatologica*, *75*, 104-106.
- *Gros-Louis, J., Perry, S., & Manson, J. H. (2003). Violent coalitionary attacks and intraspecific killing in wild white-faced capuchin monkeys (*Cebus capucinus*). *Primates*, *44*, 341-346.
- *Gros-Louis, J., White, D. J., King, A. P., & West, M. J. (2003). Female brown-headed cowbirds' (*Molothrus ater*) social assortment changes in response to male song: a potential source of public information. *Behavioral Ecology and Sociobiology*, *53*, 163-173.
- **Rose, L. M., Perry, S., Panger, M., Jack, K., Manson, J., Gros-Louis, J., MacKinnon, K. C., & Vogel, E. (2003). Interspecific interactions in *Cebus capucinus* and other species: Data from three Costa Rican sites. *International Journal of Primatology*, *24*, 759-796.
- **Perry, S., Baker, M., Fedigan, L., Gros-Louis, J., Jack, K., MacKinnon, K., Manson, J., Panger, M., Pyle, K., & Rose, L. (2003). Social conventions in wild white-faced capuchin monkeys: Evidence for traditions in a neotropical primate. *Current Anthropology*, *44*, 241-268.
- **Panger, M. A., Perry, S., Rose, L., Gros-Louis, J., Vogel, E., MacKinnon, K. C., & Baker, M. (2002). Cross-site differences in the foraging behavior of white-faced capuchins (*Cebus capucinus*). *American Journal of Physical Anthropology*, *119*, 52-66.
- *Gros-Louis, J. (2002). Contexts and behavioral correlates of trill vocalizations in wild white-faced capuchin monkeys (*Cebus capucinus*). *American Journal of Primatology*, *57*, 189-202.
- **Manson, J. H., Rose, L. M., Perry, S., & Gros-Louis, J. (1999). Dynamics of female-female relationships in wild *Cebus capucinus*: Data from two Costa Rican field sites. *International Journal of Primatology*, *20*, 677-709.
- ***Mitani, J., & Gros-Louis, J. (1998). Chorusing and call convergence in chimpanzees: tests of three hypotheses. *Behaviour*, *135*, 1041-1064.
- ***Mitani, J., Gros-Louis, J., & Macedonia, J. (1996). Natural selection for acoustic individuality in the long-distance calls of chimpanzees. *International Journal of Primatology*, *17*, 569-583.
- **Mitani, J., Gros-Louis, J. & Manson, J. H. (1996). The number of males in primate groups:

comparative tests of competing hypotheses. *American Journal of Primatology*, 39, 315-332.

***Mitani, J., Gros-Louis, J., & Richards, A. (1996). Sexual dimorphism, the operational sex ratio, and the intensity of male competition in polygynous primates. *American Naturalist*, 147, 966-980.

***Mitani, J. & Gros-Louis, J. (1995). Species and sex differences in the screams of chimpanzees and bonobos. *International Journal of Primatology*, 16, 393-411.

**Mitani, J., Hasegawa, T., Gros-Louis, J., Marler, P., & Byrne, R. (1992). Dialects in wild chimpanzees? *American Journal of Primatology*, 27, 233-243.

Manuscripts in preparation

Gros-Louis, J., & Wu, Z. (in prep.). Maternal and paternal responsiveness to prelinguistic vocalizations and its relation to language development.

Gros-Louis, J., & Miller, J. (in prep.). Developmental changes in prelinguistic vocalizations and caregiver responsiveness: effects on language outcomes.

Gros-Louis, J., & Anderson, R. (in prep.). How prelinguistic vocalizations influence caregiver attention and infant word learning.

Refereed Published Conference Proceedings

Wu, Z., & Gros-Louis, J. (2015). Contingent labeling after infants' pointing helps infants learn words. In D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 2685-2690). Austin, TX: Cognitive Science Society.

Wu, Z., Pan, J., Su, Y., & Gros-Louis, J. (2010). Becoming a gaze user: joint attention and cooperation in one- and two-year-olds. *Proceedings of the Ninth IEEE International Conference on Development and Learning (ICDL)* (pp. 161-164).

Refereed Conference Papers

Gros-Louis, J. (2006). The role of prelinguistic vocalizations in vocal and social development. Ninth IEEE International Conference on Development and Learning (ICDL). Bloomington, IN. May-June 2006.

Invited Book Chapters

Gros-Louis, J. (2019). Food calls. In: Vonk, J. & Shackelford, T. K. (Eds.), *Encyclopedia of Animal Cognition and Behavior*. Springer, Cham. <https://doi.org/10.1007/978-3>

Gros-Louis, J. & Miller, J. (2014). Social shaping of infant vocalizations. In: Brookes, P. J. & Kempe, V. (Eds.), *Encyclopedia of Language Development* (pp. 557-560). Los Angeles, CA: SAGE Publications, Inc.

Gros-Louis, J., West, M. J., King, A. P. (2010). Comparative perspectives on the missing link: communicative pragmatics. In: Blumberg, M. S., Freeman, J. H., & Robinson, S. R. (Eds.), *The Oxford Handbook of Developmental Behavioral Neuroscience* (pp. 684-707). New York: Oxford University Press.

Perry, S., Baker, M., Fedigan, L., Gros-Louis, J., MacKinnon, K., Manson, J., Panger, M., & Pyle, K. (2003). Traditions in wild white-faced capuchin monkeys. In: Fragaszy, D., Perry, S. (Eds.), *The Biology of Traditions: Models and Evidence* (pp. 391-425). New York: Cambridge University Press.

Media & Outreach

Summer 2017 Science Daily “Sharing voluntarily makes young kids happy” (5/31/17)
Winter 2017 Interviewed by Nutopia Production Company about language development for upcoming developmental series (filming to commence Spring 2018)

Winter 2016 Live interview on *BYU Radio Top of Mind with Julie Rose* (2/11/16)
<http://www.byuradio.org/episode/686bcee9-73aa-40ae-9131-aa9580fa1056/top-of-mind-with-julie-rose-ambassador-ryan-crocker-baby-language-development-love-notes?playhead=1678&autoplay=true>
Interview on reading and language development for ScienceNews (1/21/16)
Live interview on *BBC World Service Radio Newsday Program*, UK (1/10/16)

Research on baby babbling, reading, and language development (2016 manuscript in *Language Learning and Development*) received significant media attention (some examples provided below):

Science World Report: “Language: Interaction during reading is key to development” (1/11/16)

Neuroscience News: “Interaction during reading helps develop kids’ language skills” (1/9/16)

Science Daily: “Interaction during reading is key to language development” (1/8/16)

Language Magazine: “Why reading helps language development” (1/8/16)

Fall 2015 Interview on infant communication development on CJAD 800 AM radio, Montreal, Canada
Summer 2015 Blog post highlighted as headline story on Cambridge Extra (Cambridge University Press, <http://cup.linguistlist.org>, June 3, 2015)
Spring 2015 Quoted in New Scientist article, “Hungry, in pain or content? Adults can't tell what a baby wants” (May 2015)
Spring 2015 Work on parents’ responsiveness, baby babbling and language development highlighted in Parent and Child Magazine, April-May issue
Spring 2015 Interview on parents’ responsiveness, baby babbling and language development for American Baby magazine, April 2015 issue
Fall 2014 NICHD Invited Research Developments podcast from the NIH’s Eunice Kennedy Shriver National Institute of Child Health and Human Development on baby babbling and language development, featured on NICHD website (www.nichd.nih.gov/news/releases/Pages/110614-podcast-infant-babbling.aspx)
Research presented and quoted on U.S. Department of Health and Human Services HealthBeat Radio Program with Ira Dreyfuss (<http://www.hhs.gov/news/healthbeat/2014>)

Work on baby babbling and language development (2014 manuscript in *Infancy*) received significant media attention (some examples provided below):

Science Daily: “Parents, Listen Next Time Your Baby Babbles” (8/27/14)

The Atlantic: “Pretending to Understand What Babies Say Can Make Them Smarter” (8/29/14)

ABC News Radio: “Parents and Babies Should Live Life on the Babble” (8/29/14)

U.S. National Library of Medicine: “Encouraging Your Baby’s Babbling May Speed Language Development” (8/29/14)

U.S. News and World Report: “Encouraging Your Baby’s Babbling May Speed Language Development” (8/29/14)

Parents magazine blog: “Want to Boost Baby’s Language Skills? Try Talking Back!” (9/2/14)

Baby Center blog: “Talking back to babbling babies isn’t silly, it’s smart” Gwen Dewar, PhD. (9/1/14)

Interview on River-to-River, Iowa Public Radio (8/29/14)

Summer 2014 Interviewed about paternal responsiveness for Iowa Now for Father's Day
<http://now.uiowa.edu/2014/06/media-tip-sheet-experts-fathers-day>

Fall 2014 Iowa Tech Chicks, Girls Tech Career Day (for 5th-8th grade girls) invited presenter
(<http://www.iowatechchicks.com/girls-tech-career-day-speakers-2014/>)

Spring 2012 Lemme Elementary Girls' Science Club career presentation

Spring 2010 DeLTA Center Workshop on Child Development for the director and staff of
Kirkwood Community School

Grants

External funded

Caregiver Response Styles and Infant Attention: Relations to Language Development.

1R21HD086436-01. NICHD-LCOM. \$206,257 (total). Role: PI 8/31/2016-7/31/2018 (extension granted through 7/31/2019).

Effects of Maternal and Paternal Responsiveness on Infant Attention and Language Development. BCS

1525966. National Science Foundation, Developmental and Learning Sciences. \$230,381(total).
Role: PI. 8/15/2015-8/14/2018 (extension granted through 7/31/2019).

The Function of Prelinguistic Vocalizations. F32 HD045040-01. NIH-NICHD Ruth L. Kirschstein NRSA
Individual Postdoctoral Fellowship. \$48,148 (total). Role: PI (2003-2004).

Food-associated Calls in Wild White-faced Capuchin Monkeys. BCS 9906356. National Science
Foundation Doctoral Dissertation Improvement Grant. \$10,036 (total). Role: PI (1999-2000).

Vessa Notchev Fellowship, Sigma Delta Epsilon-Graduate Women in Science, \$1925 (2001)

American Psychological Association Dissertation Research Award, \$930 (2000)

National Science Foundation Graduate Research Fellowship (1995-1998)

Explorer's Club research travel grant, \$600 (1991)

Internal funded

Stanley-UI International Travel Grant, University of Iowa International Programs (Spring 2011)

University of Iowa Old Gold Summer Fellowship, "Maternal and Paternal Responsiveness and
Communicative Development" (Summer 2010)

University of Iowa Social Sciences Funding Program, "Social Mechanisms for Communication
Development." \$21,128 (awarded spring 2010)

Student grant support

External

NSF-SBE 1323285 "How Does Pointing Facilitate Word Learning," (National Science Foundation
Doctoral Dissertation Improvement Grant awarded to graduate student Zhen Wu). \$9483 (2013-
2015)

Internal

Iowa Center for Research for Undergraduates (ICRU) grant, “Infants’ multimodal communicative behaviors and caregiver responses” awarded to Qiuting Zhou, Julie Gros-Louis, Director (Summer 2012)

Iowa Center for Research for Undergraduates (ICRU) grant, “Multimodal responses to infants’ prelinguistic vocalizations” awarded to Alex Einfeldt, Julie Gros-Louis, Director (Summer 2010)

Iowa Center for Research for Undergraduates (ICRU) grant, “Effect of caregivers’ responses on infants’ pragmatic behavior” awarded to Alex Einfeldt, Julie Gros-Louis, Director (Fall 2010)

Iowa Center for Research for Undergraduates (ICRU) grant, “Differences in male and female prelinguistic communication” awarded to Jenny Hand, Julie Gros-Louis, Director (Fall 2011-Spring 2012)

Presentations

Conference Symposia

Gros-Louis, J. & Hong, Y. (June, 2018). Maternal vs. paternal responsiveness and language development. In E. Walle (Chair) The dyadic nature of learning: Contingent parent responses influence infant attention and language. Symposium conducted at the XXI Biennial International Congress on Infant Studies, Philadelphia, PA.

Gros-Louis, J. & Dewey, A. (April, 2017). Cues associated with parent-infant labeling interactions. In R. Alberts & J. Miller (Chair) Object labeling from the infant’s perspective: which infant behaviors elicit labels from caregivers. Symposium conducted at the Society for Research in Child Development biennial meeting, Austin, TX.

Gros-Louis, J. (April, 2017). The association between parent-infant vocal interactions and infants’ social communicative skills. In Doireann T. Hobbs-Renzi (Chair) Cooperative and contingent communication - Early social mechanisms of infant language learning. Symposium conducted at the Society for Research in Child Development biennial meeting, Austin, TX.

Gros-Louis, J. & Miller, J. (May, 2016). The importance of vocal feedback loops for development: specificity to speech-like vocalizations in infant-caregiver interactions. In J. Gros-Louis (Chair) Caregiver-infant contingencies: uncovering social mechanisms of development. Symposium conducted at the XX Biennial International Conference on Infant Studies. New Orleans, LA.

Wu, Z. & Gros-Louis, J. (March, 2015). Infants’ prelinguistic communicative acts and maternal responses: relations to linguistic development. In N. Demetrova (Chair) From gestures to first words: how parents’ responsiveness boosts vocabulary in typical and atypical language development. Symposium conducted at the Society for Research in Child Development biennial meeting, Philadelphia, Pennsylvania.

Gros-Louis, J. & Wu, Z. (April, 2013). Infants’ gestures influence caregivers’ provision of object labels. In J. Gros-Louis (Chair) Emerging prelinguistic vocal-gestural communication: variable production relative to context and maternal responsiveness. Symposium conducted at the Society for Research in Child Development biennial meeting, Seattle, Washington.

Wu, Z. & Gros-Louis, J. (April, 2013). Prelinguistic infants’ vocal production varies relative to mothers’ responsiveness. In J. Gros-Louis (Chair) Emerging prelinguistic vocal-gestural communication: variable production relative to context and maternal responsiveness. Symposium conducted at the Society for Research in Child Development biennial meeting, Seattle, Washington.

Gros-Louis, J. & Wu, Z. (June, 2012). Differences between maternal and paternal responsiveness to

infants' prelinguistic vocalizations. In M. H. Goldstein (Chair) Comparative perspectives on infant learning from structured interactions with caregivers. Symposium conducted at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.

Wu, Z. & Gros-Louis, J. (June, 2012). Differential vocalizing accompanied with pointing gesture relative to mothers' attention and responses. In J. Gros-Louis (Chair) Prelinguistic gestures: Effect on, and effects of, caregiver responsiveness. Symposium conducted at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.

Andersen, J. & Gros-Louis, J. (June, 2012). Differential maternal and paternal responses to infants' gestures. In J. Gros-Louis (Chair) Prelinguistic gestures: Effect on, and effects of, caregiver responsiveness. Symposium conducted at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.

Wu, Z. & Gros-Louis, J. (August, 2011). To share or not to share: how do children respond to another's eye gaze? Young Researchers in Developmental Psychology: Selected Student Papers. Talk presented at the American Psychological Association 119th Convention, Washington, DC.

Gros-Louis, J. (March, 2010). The emergence of the pragmatic use of prelinguistic vocalizations in social interactions. In S. Perone & J. Gros-Louis (chairs), Integrating Across Systems and Time Scales: The Role of Parental Responsiveness In Developmental Change In Learning. Symposium conducted at the XVII Biennial International Conference on Infant Studies, Baltimore, MD.

Gros-Louis, J. (September, 2009). The function of food-associated calls in white-faced capuchins (*Cebus capucinus*) at Lomas Barbudal, Costa Rica differs for signalers and recipients. Invited participant for symposium entitled: Field experiments: the challenges and benefits of using experimental methods in field research. 32nd Meeting of the American Society of Primatologists, San Diego, CA.

Gros-Louis, J. (November, 2008). Pragmatics and Language Origins: Ontogeny and Evolution. Invited participant for symposium entitled: Language, Gesture and Community: Engaging with Theories of Language Evolution. American Anthropological Association 107th Annual Meeting, Division of Society for Linguistic Anthropology, San Francisco, CA.

Gros-Louis, J. (August 2008). The function of white-faced capuchin vocalizations differs from the signaler's and recipient's perspective. Invited participant for symposium entitled: Meaning and function of primate vocalizations and gestures: monkeys and apes. International Primatological Society XXII Congress: Edinburgh, Scotland.

Conference Presentations

Wu, Z. & Gros-Louis, J. (May, 2016). Contingent labeling after infants' pointing supports learning word-object associations. Paper presented at the XX Biennial International Conference on Infant Studies. New Orleans, LA (May 26-28, 2016).

Wu, Z. & Gros-Louis, J. (July, 2015). Contingent labeling after infants' pointing helps infants learn words. Poster presented at the 37th Annual Meeting of the Cognitive Science Society.

Wu, Z. & Gros-Louis, J. (March, 2015). Pointing facilitates infants' word learning. Poster presented at the Society for Research in Child Development biennial meeting, Philadelphia, Pennsylvania.

Gros-Louis, J. & Wu, Z. (March, 2015). 10-month-olds' vocal usage and language outcomes. Poster presented at the Society for Research in Child Development biennial meeting, Philadelphia, Pennsylvania.

Power, T., Gros-Louis, J., & Bonilla-Pacheco, V. (March, 2015). Vocal production & exploration

- during infancy: the role of constrained motor production, cognitive processing and maternal support. Poster presented at the Society for Research in Child Development biennial meeting, Philadelphia, Pennsylvania.
- Sun, F., Wu, Z. & Gros-Louis, J. (April, 2014). Effects of maternal responsiveness on infants' attention and play behavior. Poster presented at the Spring Undergraduate Research Festival, Iowa City, IA.
- Zhou, Q., Gros-Louis, J. & Wu, Z. (April, 2013). Infants' multimodal bids and caregiver responses. Poster presented at the Spring Undergraduate Research Festival, Iowa City, IA.
- Hand, J. & Gros-Louis, J. (April, 2013). Infant communicative vocal acts: variable relations between infant sex and maternal and paternal responsiveness. Poster presented at the Society for Research in Child Development biennial meeting, Seattle, Washington.
- Dewey, A. & Gros-Louis, J. (June, 2012). The relationship between maternal responsiveness and infant joint attention abilities. Poster presented at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.
- Hand, J. & Gros-Louis, J. (December, 2011). Differences in prelinguistic communication between male and female infants and caregiver responsiveness. Poster presented at the Fall Undergraduate Research Festival, Iowa City, IA.
- Dewey, A. & Gros-Louis, J. (October, 2011). The relationship between maternal responsiveness and infant joint attention abilities. Cognitive Development Society Meeting. Philadelphia, PA.
- Gros-Louis, J. & Nguyen, C. (July, 2011). Comparative social function of vocalizations in nonhuman primates and prelinguistic infants. Poster presented at the Joint Meeting of the Animal Behavior Society and the International Ethological Conference, Bloomington, IN.
- Einfeldt, A. & Gros-Louis, J. (April, 2011). Maternal responses to prelinguistic vocalizations: differential effects of response complexity and style on infant behavior. Poster presented at the Society for Research in Child Development biennial meeting, Montreal, Canada.
- Bonilla-Pacheco, V. & Gros-Louis, J. (April, 2011). Is infants' prelinguistic vocal production related to the simplicity or complexity of motor skills during object exploration? Poster presented at the Society for Research in Child Development biennial meeting, Montreal, Canada.
- Wu, Z. & Gros-Louis, J. (April, 2011). The cue of eye gaze influences children's pro-social behaviors. Poster presented at the Society for Research in Child Development biennial meeting, Montreal, Canada.
- Wu, Z. & Gros-Louis, J. (April, 2011). Twelve-month-olds use vocalizations intentionally when pointing. Poster presented at the Society for Research in Child Development biennial meeting, Montreal, Canada.
- Hand, J. & Gros-Louis, J. (March, 2011). Differences in prelinguistic communication between male and female infants and their caregivers. Poster presented at the Spring Undergraduate Research Festival, Iowa City, IA.
- Gros-Louis, J. & Miller, J. (November, 2010). Maternal sensitivity influences toddler attention and prelinguistic communicative behavior. 43rd Annual Meeting of the International Society for Developmental Psychobiology. San Diego, CA.
- Einfeldt, A. & Gros-Louis, J. (July 2010). Maternal responses to prelinguistic vocalizations: differential effects of response complexity and style on infant behavior. Poster presented at

- the Summer Undergraduate Research Festival, Iowa City, IA.
- Einfeldt, A. & Gros-Louis, J. (March, 2010). Differences in maternal and paternal responses to prelinguistic vocalizations: implications for communicative development. Poster presented at the Spring Undergraduate Research Festival, Iowa City, IA.
- Gros-Louis, J. (October, 2009). The role of object-directed vocalizing in establishing joint engagement in prelinguistic infants. *Joint Attention: Developments in Philosophy of Mind, Developmental and Comparative Psychology, and Cognitive Science*. Bentley University, Greater Boston.
- Gros-Louis, J. (November, 2009). The influence of maternal responsiveness on the development of pragmatic use of vocalizations in social interactions. 42nd Annual Meeting of the International Society for Developmental Psychobiology. Chicago, IL.
- Gros-Louis, J. (May, 2009). Pragmatics and language origins: Ontogeny and evolution. Social genes, Social brains and Social minds. Conference of CompCog: Evolution of Social Cognition, a European Science Foundation Research Networking Programme. Budapest, Hungary.
- Gros-Louis, J. (March, 2009). Comparative social function of vocalizations in nonhuman primates and prelinguistic infants. 16th International Conference on Comparative Cognition, Indiatlantic Beach, FL.
- Gros-Louis, J. (April, 2008). The role of social feedback in prelinguistic communicative development. 20th Biennial Conference on Human Development, Indianapolis, IN
- Gros-Louis, J. (March, 2008). The role of social feedback in the development of prelinguistic communicative pragmatics. Poster presented at the XVI Biennial International Conference on Infant Studies, Vancouver, Canada.
- Rogers, A. & Gros-Louis, J. (November, 2007). The role of caregiver responsiveness in the development of communicative behaviors. Poster presented at The Louis Stokes Alliances for Minority Participation 3rd Annual Conference, Indiana University, Bloomington, IN.
- Gros-Louis, J. (October, 2007). Caregiver responses to prelinguistic vocalizations metered by infants' attentional focus. Poster presented at the International Society of Developmental Psychobiology, San Diego, CA.
- Gros-Louis, J. (October, 2006). Contextual influences on caregiver responsiveness. International Society of Developmental Psychobiology, Atlanta, GA.
- Gros-Louis, J. & Ables, E. (October, 2006). Caregiver responsiveness to prelinguistic vocalizations mediated by context and acoustic structure Poster presented at the International Society of Developmental Psychobiology, Atlanta, GA.
- Gros-Louis, J. (June 2006). The role of prelinguistic vocalizations in social and vocal development. Poster presented at the International Conference on Development and Learning, Bloomington, IN.
- Gros-Louis, J. (May, 2004). Differentiated prelinguistic vocalizations in social interactions. Poster presented at the XIV Biennial International Conference on Infant Studies, Chicago, IL.
- Gros-Louis, J. (July 2002). A group of her own: a new assay of social responsiveness in female brown-headed cowbirds (*Molothrus ater*). Animal Behavior Society Meeting, Bloomington, IN.
- Gros-Louis, J. (October, 1997). A preliminary study of the twitter call in wild white-faced capuchin

monkeys (Cebus capucinus). Northeast Regional Animal Behavior Meeting, Woods Hole, MA.

Gros-Louis, J. (March, 1996). How twitters function in social interactions in wild white-faced capuchin monkeys (Cebus capucinus). Graduate Research Forum, University of Pennsylvania, Philadelphia, PA.

Invited Addresses and Colloquia

National

Perry, S. & Gros-Louis, J. (October, 2010). How capuchin monkeys recognize and respond appropriately to one another's actions in the absence of language. Action Ascription in Social Interaction Workshop, Max Planck Institute Language and Cognition Group and the UCLA Center for Language, Interaction, and Culture (CLIC), Los Angeles, CA.

Gros-Louis, J. (June, 2010). Comparative pragmatics and communication development. Department of Psychology, University of Pittsburgh.

Gros-Louis, J. (February, 2008). The origins of communication: social influences on development. Invited talk, Center for Language, Interaction and Culture at the University of California of Los Angeles, Los Angeles, CA.

Gros-Louis, J. (March, 2004). Female reactivity and modifiability of preference in brown-headed cowbirds. Invited talk, Center for the Integrative Study of Animal Behavior, Indiana University, Bloomington, IN.

Gros-Louis, J. (February, 2001). Food-associated vocalizations in white-faced capuchin monkeys: What do they 'mean' and what is 'meaning,' anyway? Invited talk, Department of Psychology, Indiana University, Bloomington, IN.

Iowa

Gros-Louis, J. (October, 2014). Infants' prelinguistic communicative acts and maternal responses: Relations to linguistic development Invited talk, Department of Communication Sciences and Disorders, University of Iowa, Iowa City, IA

Gros-Louis, J. (March, 2011). The role of parents in children's communication skills. Invited talk presented to the Café Scientific, Iowa City, IA

Gros-Louis, J. (October, 2010). The role of caregiver responses to prelinguistic vocalizations in vocal, pragmatic, and language development. Invited talk, Department of Pediatrics Grand Rounds, University of Iowa.

Gros-Louis, J. (July, 2010). Learning how to use communication: the role of social interactions in development. The CIC/Iowa Summer Research Opportunities Program (SROP)/McNair Scholars Program, University of Iowa.

SERVICE

Department

Fall 2018-	Graduate Coordinator (Responsible Conduct of Research training and TA assignments)
Fall 2018-	Committee on Graduate Studies
Fall 2018	Lecturer Search Committee
Spring 2018	Psi Chi, Invited speaker
Fall 16-Spr 18	Committee on Undergraduate Studies
Fall 2016	You@UI faculty participant for Psychological and Brain Sciences information session
Spring 2014	Principles of Scholarly Integrity (PSY:7090:0001), Responsible Conduct of Research, panelist for class discussion with Psychology graduate and postdoctoral students

2009-2014
2012 Committee on Undergraduate Studies
Annual Statewide Articulation Conference, Ames, IA; University of Iowa
Psychology Department Representative

Spring 2011 Psi Chi, invited panelist, "Preparing for Graduate School"

Fall 2010 Organizer of Wednesday Departmental Brown Bag Series

Fall 2008 Iowa Student Psychology Association, invited panelist, "Lunch with Professors"

College

2010-2011 Department of Psychology Faculty Assembly Representative

2009 & 2010 Undergraduate Research Conference, invited faculty judge

University

August 2019 Iowa Edge Classroom Experience Session, Center for Diversity & Enrichment,
invited presenter

August 2019 On Iowa! volunteer

July 2019 Perry Research Scholars Institute, Belin-Blank Center, research presentation and lab tour

August 2018 On Iowa! volunteer

August 2018 Iowa Edge Classroom Experience Session, Center for Diversity & Enrichment,
invited presenter

2018 Graduate Women in Science, Iota Chi Chapter, National Conference planning committee

July 2018 Perry Research Scholars Institute, Belin-Blank Center, research presentation and lab tour

July 2017 Perry Research Scholars Institute, Belin-Blank Center, research presentation and lab tour

2014, 2015 Iowa Edge Classroom Experience Session, Center for Diversity & Enrichment,
& 2017 invited presenter

2013, 2014, Iowa Edge Faculty Lunch, Center for Diversity & Enrichment, invited participant
2015 & 2017

2014 Honors Primetime course, "Women in Science at Iowa", invited discussant

2014 Graduate Women in Science Fellowships, Iota Chi Chapter, invited speaker

April 2013 Annual James F. Jakobsen Graduate Research Conference, faculty judge

Nov 2012 OVPR Biological Sciences Funding Program Grant Review Panel

Sept 2012 Women in Science and Engineering (WISE) First-Year Seminar, Research 101:
Exploring STEM Research, lab tour

2012 Steering committee member, Get Ready Iowa: Partnering to Enhance the School
Readiness of Iowa's Children Obermann Center for Advanced Studies and Delta Center
summer workshop

April 2011 OVPR Social Sciences Funding Program Grant Review Panel

2009-2011 DeLTA Center Executive Board, Secretary

October 2010 Women in Science and Engineering (WISE) First-Year Seminar, Research 101:
Responsible Conduct in Research, discussion facilitator

April 2010 Iowa Biosciences Advantage Program, lab tour leader for Iowa Math and Science
Academy students

March 2010 Women in Science and Engineering (WISE) panel discussion "How to get involved
in research," invited panelist

2009-2010 11th and 12th Annual James F. Jakobsen Graduate Research Conference, faculty judge

2008-2011 New Tenure-Track Faculty Social Support Group, co-organizer (with Susan Cook)
-secured support from the Office of the Provost and Associate Provost for Faculty

Professional

2017 Invited participant, Revel Community Forum; Pearson Headquarters, Hoboken, NJ

National Organizations

2014 Faculty sponsor, Sigma Delta Epsilon Graduate Women in Science (SDE-GWIS) Iota-
Chi chapter, chapter establishment at The University of Iowa

2008-2011 Sigma Delta Epsilon Graduate Women in Science (SDE-GWIS) National Fellowships
Coordinator. Invited by former coordinator to oversee fellowship application process and
submissions (300+), organize review process and propose funding to national committee

- 2007-present Board of Directors, DANTA: Association for Conservation of the Tropics
(<http://www.danta.info/index.php>).
- 2006-2008 Sigma Delta Epsilon Graduate Women in Science (SDE-GWIS) National Fellowships Committee

Editorial Board

- 2018-present PLOS One
2010-2014 *ISRN: Zoology*

Grant Review Panels

- 2018 National Science Foundation, Developmental Science Panel, Alexandria, VA

Ad-hoc review service

Journals

- 2019 British Journal of Developmental Psychology (1), Child Development (3), Cognitive Science (1), Developmental Psychobiology (2), Developmental Psychology (1), Developmental Science (1), Infancy (1), Infant Behavior and Development (2), Journal of Child Language (2), Journal of Experimental Child Psychology (2), Journal of Speech, Language, and Hearing Research (1), Psychological Science (1)
- 2018 Child Development (1), Developmental Psychology (1), Developmental Science (1) Frontiers in Digital Humanities: Human-Media Interaction (2), Infancy (3), Infant Behavior and Development (2), Journal of Child Language (1), Journal of Speech, Language, and Hearing Research (2)
- 2017 Brain Sciences (1), Cognitive Development (1), Infancy (2), Journal of Child Language (1), Journal of Speech, Language, and Hearing Research (1), PLOS One (3), Psychological Science (1)
- 2016 Animal Behavior (1), American Journal of Primatology (1), Child Development (1), Cognitive Development (1), Folia Primatologica (1), Infancy (1), Journal of Experimental Child Psychology (1)
- 2015 American Journal of Primatology (2), American Journal of Speech-Language Pathology (1), Child Development (1), Developmental Science (1), Evolutionary Psychology (1), Folia Primatologica (2), Infancy (2), Journal of Child Language (1), PLOS One (1), Social Development (1)
- 2014 Advances in Zoology (1), Child Development (1), Folia Primatologica (1), Frontiers in Language Sciences (1), Infant Behavior and Development (1), Infant and Child Development (1), Journal of Child Language (1), PLOS One (1), Social Development (1)
- 2013 Child Development (1), Ethology (2), Infancy (1), Journal of Child Language (1), Journal of Comparative Psychology (1), Journal of Experimental Child Psychology (1)
- 2012 Developmental Psychology (1), Infancy (2), PLOS One (1)
- 2011 American Journal of Primatology (2), Animal Behavior (2), Ethology (1), PLOS One (1)
- 2010 American Journal of Primatology (1), Ethology (1)
- 2009 Animal Behavior (2), Behavioral Processes (1), Infant and Child Development (1), Psychological Science (1)
- 2008 Animal Behavior (2), Ethology (1)

Prior to 2008

American Journal of Primatology (6), Animal Behavior (4), Animal Cognition (1), Behavioral Ecology and Sociobiology (1), Behaviour (2), Ethology (1), Journal of Comparative Psychology (4)

Granting agencies

- 2019 Swiss National Science Foundation
2019 National Science Foundation-SBE-Developmental Science (2)
2018 National Science Foundation-SBE-Linguistics (1)

- 2017 Natural Sciences and Engineering Research Council of Canada (NSERC) (1)
- 2015 National Science Foundation-SBE-Developmental and Learning Sciences (1)
- 2014 National Science Foundation-SBE-Developmental and Learning Sciences (1)
- 2013 National Geographic Society (1)
- 2011 Leakey Foundation (1)
- 2010 Leakey Foundation (2)
- 2009 Leakey Foundation (1), National Science Foundation-International Research Fellowships (1)
- 2008 Leakey Foundation (1)

Conference panels

- 2019 International Conference on Infant Studies (Summer 2020 meeting)

Conference submissions

- 2013 Society for Philosophy and Psychology (4)

Refereed Published Conference Proceedings

- 2012 Joint IEEE International Conference on Development and Learning and Epigenetic Robotics (1)
- 2009 IEEE Transactions on Autonomous Mental Development (1)

Textbook reviews

- 2010 Child and Adolescent Development: An Integrated Approach by David F. Bjorklund & Carlos Hernandez Blasi
- 2004-2006 Editorial assistant, *Spatial Foundations of Cognition and Language*, Oxford University Press (2010).

Federal Government

- 2003-2004 Participated in longitudinal study of research ethics conducted by NIH, consisting of phone interviews and online surveys (3 times during the year)

Community

- Fall 2018-Spring 2019 Elder Services volunteer
- Spring 2018-present Advisory Board Member, Camp Kesem Iowa
- Fall 2015 FIRST® LEGO® League co-coach, Big Cats 5th grade team, Lemme Elementary
- Fall 2014 FIRST® LEGO® League co-coach, Little Cats 5th grade team, Lemme Elementary
- Fall 2013 FIRST® LEGO® League co-coach, Big Cats 6th grade team, Lemme Elementary
- Fall 2012 FIRST® LEGO® League co-coach, Little Cats 5th grade team, Lemme Elementary
- 2010-2013 Volunteer Assistant, Science Club, Lemme Elementary School (review of NSF STEM grant proposals; assist with science club experiments and activities)
- 2003-2008 Mujeres en Conexión, Inc. Executive committee member and treasurer of a logistical and social support group for Spanish-speaking women in Bloomington, IN

References

Available upon request