Sirada Rochanavibhata, Ph.D.

Curriculum Vitae

Northwestern University 2240 Campus Drive Evanston, IL 60208 Office: (847) 467-2709 sirada.rochanavibhata@northwestern.edu www.bilingualism.northwestern.edu

ACADEMIC APPOINTMENTS

2022-Present	Postdoctoral Fellow, Department of Communication Sciences and Disorders
	Northwestern University
	Bilingualism and Psycholinguistics Research Group
	PI: Dr. Viorica Marian

EDUCATION

2022	Ph.D., Communication Sciences and Disorders
	Northwestern University
	Dissertation: Language development in bilingual preschoolers: A cross-linguistic
	and cross-cultural comparison
	Cognitive Science Specialization Certificate
	Committee: Dr. Viorica Marian (chair), Dr. Erika Hoff, Dr. Adriana Weisleder
2018	M.A., Communication Sciences and Disorders
	Northwestern University
	Master's thesis: Influence of maternal scaffolding on children's developing
	narrative skills: A cross-cultural comparison
	Committee: Dr. Viorica Marian (chair), Dr. Erika Hoff, Dr. Steve Zecker
2015	B.A., Psychology, with Departmental Honors
	University of California, Los Angeles
	Honors thesis: The relation between bilingual children's productive vocabularies
	and word learning
	Minor in Applied Developmental Psychology
	Summa Cum Laude

GRANTS & FELLOWSHIPS

2021-2024	Co-Investigator, National Institutes of Health, NICHD R21 HD106759, Language
	Development in Bilingual Preschoolers: A Cross-Linguistic and Cross-Cultural
	<i>Comparison</i> (\$434,500)
2019-2020	Institute for Innovations in Developmental Sciences Graduate Student Cluster
	Pilot Research Initiatives Seed Fund Award, Northwestern University (\$5,000)
2019	Evelyn Marks Siegel & Joel S. Siegel Endowed Fellowship, Northwestern
	University (\$11,000)

2019	The Graduate School Conference Travel Grant, Northwestern University (\$1,000)
2017	The Graduate School Conference Travel Grant, Northwestern University (\$1,100)
2017	Cognitive Science Travel Grant, Northwestern University (\$300)
2015-2016	Cognitive Science University Fellowship, Northwestern University (\$24,240)

PUBLICATIONS*

* Indicates student mentee

Peer-Reviewed Publications

- 1. Rochanavibhata, S., Chuang, Y.-C.*, & Marian, V. (2023). Bilingual mothers and children gesture differently across native and second languages. *Journal of Monolingual and Bilingual Speech*, *5*(2), 201-230. https://doi.org/10.1558/jmbs.23492
- Rochanavibhata, S., & Marian, V. (2023). Thai and American mothers socialize preschoolers' emotional development differently. *Scientific Reports*, 13, 12719. https://doi.org/10.1038/s41598-023-39947-0
- 3. **Rochanavibhata, S.**, & Marian, V. (2023). Culture and gender influence self-construal in mother-preschooler reminiscing. *Journal of Cognition and Development*, 1-25. https://doi.org/10.1080/15248372.2023.2239920
- 4. **Rochanavibhata, S.**, Atagi, N., Schonberg, C. C., & Sandhofer, C. M. (2022). The role of syntactic cues in monolingual and bilingual two-year-olds' novel word learning. *Infant Behavior and Development*, *68*, 101753. https://doi.org/10.1016/j.infbeh.2022.101753
- Rochanavibhata, S., & Marian, V. (2022). Diversity in bilingual child language acquisition research: A commentary on Kidd and Garcia (2022). *First Language*, 42(6), 804-808. https://doi.org/10.1177/01427237221100138
- Rochanavibhata, S., & Marian, V. (2022). Culture at play: A cross-cultural comparison of mother-child communication during toy play. *Language Learning and Development*, 18(3), 294-309. https://doi.org/10.1080/15475441.2021.1954929
- Rochanavibhata, S., & Marian, V. (2021). Cross-cultural differences in mother-preschooler book sharing practices in the United States and Thailand. *Journal of Child Language*, 48(4), 834-957. https://doi.org/10.1017/S0305000920000562
- 8. **Rochanavibhata, S.**, & Marian, V. (2020). Maternal scaffolding styles and children's developing narrative skills: A cross-cultural comparison of autobiographical conversations in the US and Thailand. *Learning, Culture, and Social Interaction, 26*, 100413. https://doi.org/10.1016/j.lcsi.2020.100413
- Bartolotti, J., Schroeder, S. R., Hayakawa, S., Rochanavibhata, S., Chen, P., & Marian, V. (2020). Listening to speech and non-speech sounds activates lexical and semantic knowledge differently. *Quarterly Journal of Experimental Psychology*, 73(8), 1135-1149. https://doi.org/10.1177/1747021820923944
- Chen, P., Bartolotti, J., Schroeder, S. R., Rochanavibhata, S., & Marian, V. (2018). Words and non-speech sounds access lexical and semantic knowledge differently. *Proceedings of the 40th Annual Conference of the Cognitive Sciences Society*. 1470-1475. *Austin*, TX: Cognitive Science Society.

- Marian, V., Bartolotti, J., Rochanavibhata, S., Bradley, K., & Hernandez, A. E. (2017). Bilingual cortical control of between- and within-language competition. *Scientific Reports*, 7, 11763. https://doi.org/10.1038/s41598-017-12116-w
- 12. **Rochanavibhata, S.**, & Marian, V. (in preparation). Language-dependent reminiscing in Thai-English bilingual mother-child dyads.
- 13. **Rochanavibhata, S.**, & Marian, V. (in preparation). Bilingual mothers and children engage in book sharing differently in their native and second languages.
- 14. **Rochanavibhata, S.**, & Marian, V. (in preparation). Cross-linguistic differences in bilingual mother-child conversation styles during toy play.
- 15. **Rochanavibhata, S.**, & Marian, V. (in preparation). Bilingual mother-child joint attention differs across two languages.

Book Chapters and Other Articles

- 16. Rochanavibhata, S. & Marian, V. (2023). Expressions and gestures can be 'worth a thousand words'. *Psychology Today*, April 4, 2023. https://www.psychologytoday.com/intl/blog/language-and-mind/202304/expressions-and-gestures-can-be-worth-a-thousand-words
- Atagi, N., & Rochanavibhata, S. (2021). The role of diverse linguistic experiences in young children's cognitive and language development. In E. B. Bauer, L. Sánchez, Y. Wang, & A. Vaughan (Eds.), *Enhancing bilingual education: A transdisciplinary lens for improving learning in bilingual contexts* (pp. 33-54). Routledge. https://doi.org/10.4324/9781003152194-4
- Marian, V., & Rochanavibhata, S. (2019). How to raise a bilingual child: Seven strategies for success. *Psychology Today*, March 15, 2019. https://www.psychologytoday.com/us/blog/language-and-mind/201903/how-raise-bilingualchild-seven-strategies-success

Republished in *Medium*, May 4, 2019: https://medium.com/@VioricaMarian1/how-to-raise-a-bilingual-child-seven-strategies-for-success-e0465a8cd4f8

 Vorobyov, N.*, Rochanavibhata, S., & Marian, V. (2019). A cross-cultural comparison of communicative patterns in bilingual and monolingual mother-child dyads in the United States and Thailand. *Alpenglow: Binghamton University Undergraduate Journal of Research and Creative Activity*, 5(1).

INVITED TALKS

- 1. **Rochanavibhata, S.** (2023, September). The influence of cultural background and early linguistic experience on language development. Talk presented at the *Boston University Developmental Science Emerging Scholars Symposium on Culture, Ethnicity, and Structural Racism: Influences on Child Development*, Boston, Massachusetts.
- 2. **Rochanavibhata, S.** (2023, April). The influence of cultural background and early linguistic experience on language development. Talk presented at the *iBrain Erasmus International Symposium on Heritage Bilingualism* (hybrid meeting).

- 3. **Rochanavibhata, S.**, & Marian, V. (2021, June). Monolingual and bilingual mother-child dyadic interactions in Thailand and the United States. Talk presented at the *Northwestern University SciLang Discussion on Analyzing Dyadic Data*, Evanston, Illinois.
- 4. **Rochanavibhata, S.**, & Marian, V. (2019, March). Influence of maternal scaffolding on children's developing narrative skills: A cross-cultural comparison. Talk presented at the *Northwestern University Institute for Innovations in Developmental Sciences Data Blitz*, Evanston, Illinois.

CONFERENCE PRESENTATIONS*

* Indicates student mentee

- 1. **Rochanavibhata, S.**, Chuang, Y.-C.*, & Marian, V. (2023, November). More than words: Comparing bilingual mother-child nonverbal communication across languages. Poster to be presented at the *Psychonomic Society 64th Annual Meeting*, San Francisco, California.
- Rochanavibhata, S., Chuang, Y.-C.*, Hester, K.*, van den Berg, N.*, & Marian, V. (2023, August). Cross-linguistic differences in bilingual mother-child autobiographical reminiscing. Paper presented at the *Society for Applied Research in Memory and Cognition*, Nagoya, Japan.
- 3. **Rochanavibhata, S.**, Chuang, Y.-C.*, & Marian, V. (2022, October). Bilingual non-verbal communication: A cross-linguistic comparison of gesture use in bilingual mothers and children. Paper presented at the *2022 University of Illinois at Chicago Bilingualism Forum*, Chicago, Illinois.
- 4. **Rochanavibhata, S.**, Chuang, Y.-C.*, & Marian, V. (2022, April). Different languages, different contexts, different gestures: A cross-linguistic comparison of bilingual mothers' and children's nonverbal communication. Paper presented at the *International Symposium on Monolingual and Bilingual Speech*, Lafayette, Louisiana.
- 5. **Rochanavibhata, S.**, Borland, J.*, & Marian, V. (2022, April). A cross-cultural comparison of American and Thai mother-child communication during toy play. Poster presented at the *Society for Research in Child Development Special Topic Meeting: Learning through Play and Imagination*, St. Louis, Missouri.
- 6. Atagi, N., & Rochanavibhata, S. (2022, March). The consequences of diverse language experiences for early childhood language and cognitive development. In E. Bauer, L. Sánchez, & Y. Wang (Symposium Co-chairs), *Embracing a Transdisciplinary View of Bilingual Learning*. Symposium conducted at the 2022 Bilingualism Matters Conference: University of South Carolina, Columbia, SC (virtual meeting).
- Rochanavibhata, S., Hester, K.*, Borland, J.*, van den Berg, N.*, & Marian, V. (2021, November). Cross-linguistic differences in bilingual mother-child communication during toy play. Poster presented at the *American Speech-Language-Hearing Association Convention*, Washington, D.C.
- 8. **Rochanavibhata, S.**, Chuang, Y.-C.*, Simcox, C.*, Meza, L.*, & Marian, V. (2021, November). Bilingual mothers and children gesture differently across languages. Poster

presented at the *American Speech-Language-Hearing Association Convention*, Washington, D.C.

- Rochanavibhata, S., Borland, J.*, Hester, K.*, Chuang, Y.-C.*, Simcox, C.*, Meza, L.*, van den Berg, N.*, & Marian, V. (2021, July). Bilingual mothers and children communicate differently in their two languages. Talk presented at the *13th Biennial Meeting of the International Symposium on Bilingualism*, Warsaw, Poland.
- Borland, J.*, Rochanavibhata, S. & Marian, V. (2021, April). Cross-cultural differences in mother-child engagement with picture books. Talk presented at the *Midwestern Psychological Association 93rd Annual Meeting*, Chicago, Illinois.
- Rochanavibhata, S., Borland, J.*, & Marian, V. (2021, April). The influence of cultural background and communicative task on maternal scaffolding styles. Poster presented at the 2021 Biennial Meeting of the Society for Research in Child Development, Minneapolis, Minnesota.
- Borland, J.*, Rochanavibhata, S. & Marian, V. (2020, May). Maternal scaffolding strategies differ depending on cultural background and communicative setting. Poster accepted to the *32nd Association of Psychological Science Annual Convention*, Chicago, Illinois. (Conference canceled)
- 13. **Rochanavibhata, S.**, Borland, J.*, & Marian, V. (2020, February). Comparing book reading across cultures: A study of mother-child dyads in the United States and Thailand. Poster presented at the *Northwestern University Institute for Innovations in Developmental Sciences Cluster Poster Session*, Evanston, Illinois.
- 14. Rochanavibhata, S., & Marian, V. (2019, November). A comparison of mothers' scaffolding strategies and children's conversation skills across cultures and communicative settings. Talk presented at the 2019 American Speech-Language-Hearing Association Convention, Orlando, Florida.
- 15. **Rochanavibhata, S.**, Borland, J.*, & Marian, V. (2019, June). Culture and conversation: A comparison of mother-child discourse in the US and Thailand. Talk presented at the *12th Biennial Meeting of the International Symposium on Bilingualism*, Edmonton, Canada.
- 16. Borland, J.*, **Rochanavibhata, S.,** & Marian, V. (2019, May). A comparison of motherpreschooler book reading practices in the United States and Thailand. Poster presented at the *Northwestern University Undergraduate Research and Arts Exposition*, Evanston, Illinois.
- 17. Borland, J.*, Rochanavibhata, S., & Marian, V. (2019, May). A comparison of motherpreschooler book sharing practices in the United States and Thailand. Poster presented at the *Roxelyn and Richard Pepper Department of Communication Sciences and Disorders Undergraduate Day*, Evanston, Illinois.
- 18. Vorobyov, N.*, Rochanavibhata, S., & Marian, V. (2019, April). A cross-cultural comparison of communicative patterns in bilingual and monolingual mother-child dyads in the United States and Thailand. Poster presented at the SUNY Undergraduate Research Conference, Farmingdale, New York.
- 19. Borland, J.*, Rochanavibhata, S., & Marian, V. (2019, April). Culture and interlocutor

scaffolding influence preschoolers' conversation styles. Poster presented at the *Midwestern Psychological Association 91st Annual Meeting*, Chicago, Illinois.

- 20. **Rochanavibhata**, **S.**, Borland, J.*, & Marian, V. (2019, March). A comparison of motherpreschooler book sharing practices in the United States and Thailand. Poster presented at the *2019 Biennial Meeting of the Society for Research in Child Development*, Baltimore, Maryland.
- Borland, J.*, Rochanavibhata, S., & Marian, V. (2018, October). Cross-cultural differences in maternal communication with preschool-age children in the United States and Thailand. Poster presented at the 2018 University of Illinois at Chicago Bilingualism Forum, Chicago, Illinois.
- 22. Chen, P., Bartolotti, J., Schroeder, S. R., **Rochanavibhata, S.**, & Marian, V. (2018, July). Words and non-speech sounds access lexical and semantic knowledge differently. Poster presented at the *40th Annual Cognitive Science Society Meeting, Madison, Wisconsin*.
- 23. **Rochanavibhata, S.**, Borland, J.*, & Marian, V. (2018, May). Do Thai and American mothers talk to their preschool children differently; A cross-cultural comparison. Poster presented at the *Workshop on Approaches and Issues in the Study of Variability in Language Processing*, Evanston, Illinois.
- 24. **Rochanavibhata, S.**, Zecker, S. G., & Marian, V. (2018, April). Cross-cultural differences in mother-preschooler conversation styles in the United States and Thailand. Talk presented at the *Midwestern Psychological Association 90th Annual Meeting*, Chicago, Illinois.
- 25. **Rochanavibhata, S.**, Borland, J.*, & Marian, V. (2017, November). Communication style differences in mother-preschooler dyads in Thailand and the United States. Poster presented at the 2017 American Speech-Language-Hearing Association Convention, Los Angeles, California.
- 26. **Rochanavibhata**, **S.**, Borland, J.*, Montenegro, L.*, & Marian, V. (2017, October). A crosscultural comparison of mother-preschooler autobiographical conversations. Poster presented at the 2017 Cognitive Development Society, Portland, Oregon.
- 27. Marian, V., Bartolotti, J., Rochanavibhata, S., Bradley, K., & Hernandez, A. E. (2017, June). Bilingual cortical control of within- and between-language competition. Poster presented at the 11th Biennial Meeting of the International Symposium on Bilingualism, Limerick, Ireland.
- 28. Marian, V., Bartolotti, J., Rochanavibhata, S., Bradley, K., & Hernandez, A. E. (2017, April). Cortical activation during linguistic competition in bilinguals. Poster presented at the *Midwestern Psychological Association 89th Annual Meeting*, Chicago, Illinois.
- 29. Rochanavibhata, S., Atagi, N., Schonberg, C. C., & Sandhofer, C. M. (2015, November). The effects of syntax and productive language on monolingual and bilingual children's use of mutual exclusivity. Poster presented at the *Psychonomic Society 56th Annual Meeting*, Chicago, Illinois.
- 30. **Rochanavibhata, S.**, Atagi, N., Schonberg, C. C., & Sandhofer, C. M. (2015, May). The relation between bilingual children's productive vocabularies and word learning. Poster

presented at the 15th Annual Stanford Undergraduate Psychology Conference, Palo Alto, California.

- 31. **Rochanavibhata**, **S.**, Atagi, N., Schonberg, C. C., & Sandhofer, C. M. (2015, May). The relation between bilingual children's productive vocabularies and word learning. Poster presented at the *10th Annual Symposium on Cognitive and Language Development*, Irvine, California.
- 32. **Rochanavibhata**, **S.**, Atagi, N., Schonberg, C. C., & Sandhofer, C. M. (2015, May). The relation between bilingual children's productive vocabularies and word learning. Poster presented at the 24th Annual UCLA Psychology Undergraduate Research Conference, Los Angeles, California.
- 33. **Rochanavibhata, S.**, Atagi, N., Schonberg, C. C., & Sandhofer, C. M. (2015, March). The relation between bilingual children's productive vocabularies and word learning. Poster presented at the 2015 Biennial Meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.
- 34. Veeraswami, S., Rochanavibhata, S., Goldenberg, E. R., Sandhofer, C. M., & Repetti, R. (2015, March). The relationship between the environmental context and noun categories in children's linguistic input. Poster presented at the 2015 Biennial Meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.
- 35. **Rochanavibhata, S.,** Ramos, V. L., Jung, A. J., Goldenberg, E. R., Sandhofer, C. M., & Repetti, R. (2014, May). The relationship between the environmental context and noun categories in children's linguistic input. Poster presented at the *9th Annual Symposium on Cognitive and Language Development*, Los Angeles, California.

TEACHING INTERESTS

Language Development, Bilingualism, Cognitive Development, Linguistic and Cultural Diversity, Introduction to Psychology, Psychological Statistics, Research Methods

TEACHING EXPERIENCE

Directed Teaching, Northwestern University

2020 Linguistic and Cultural Diversity in Communication Sciences and Disorders Instructor: Dr. Viorica Marian Lecture Titles:
1. Typical and Atypical Language Development in Linguistically Diverse Populations
2. Hearing Impairment in Children from Culturally and Linguistically Diverse Populations
3. Autism Spectrum Disorder in Culturally and Linguistically Diverse Populations

Guest Panelist, Smith College

2021 Language Acquisition

Instructor: Dr. Brianna McMillan Lecture: *Writing for Public Discourse*

Guest Lecturer, Lafayette College

2023 Cognitive Psychology Instructor: Dr. Jennifer M. Talarico Lecture: *Cultural influences on autobiographical memory: Bilingualism*

Guest Lecturer, Northwestern University

2023	Culture, Language, and Learning
	Instructor: Dr. Viorica Marian
	Lecture Title: Bilingual Language Development
2023	PhD Seminar in Communication Sciences and Disorders: Bilingualism
	Instructor: Dr. Viorica Marian
	Lecture Titles:
	1. Language Development in Bilinguals
	2. Neurodevelopmental Disorders in Bilinguals
2019	Linguistic and Cultural Diversity in Communication Sciences and Disorders
	Instructor: Dr. Viorica Marian
	Lecture Title: Typical and Atypical Language Development in Linguistically
	Diverse Populations
2018	Linguistic and Cultural Diversity in Communication Sciences and Disorders
	Instructor: Dr. Viorica Marian
	Lecture Title: Language Development in Linguistically and Culturally Diverse
	Populations
2016-2022	Undergraduate Seminar in Communication Sciences and Disorders: Bilingualism
	Instructor: Dr. Viorica Marian
	Lecture Title: Language Development in Bilinguals

Teaching Assistant, Northwestern University

2018-2019	Linguistic and Cultural Diversity in Communication Sciences and Disorders
2018	Clinical Methods: Pediatric Population
2018	Clinical Methods: Adult Populations
2017	Aural Rehabilitation
2017	Language and Cognition in Atypical Development
2017	Phonetics
2016-2018	Language Science

MENTORING

PhD Students

2023-Present Jessica Yung-Chieh Chuang, Northwestern University

Master's Students

2019-2022	Jessica Yung-Chieh Chuang, Northwestern University, Master's Thesis Advisee
2019-2021	Claire Simcox, Northwestern University

Undergraduate Students

Kamorichan Tongthiraj, Chulalongkorn University and the University of
Queensland
Lesley Meza, Northwestern University
Pasawat Sakulpanich, University of California, Los Angeles
Isabella Vavra, Northwestern University
Kaniya Hester, Northwestern University
Pooja Venkatesh, Northwestern University
Neli Voyobrov, SUNY at Binghamton
Minna Ito, Northwestern University
Julia Borland, Northwestern University
Grace Pickens, University of North Carolina at Chapel Hill
Laura Montenegro, Pitzer College

High School Students

2020-2022	Nadia van den Berg, Evanston Township High School
2016-2018	Julia Borland, Evanston Township High School

Undergraduate Student Mentee Grants & Awards

2020	Undergraduate Research Assistant Program Grant to Lesley Meza (\$3,500)
2019-2020	Early Research Experience Award to Kaniya Hester (\$2,000)
2019	Conference Travel Grant to Julia Borland (\$375)
2018-2019	Undergraduate Research Assistant Program Grant to Julia Borland (\$2,000)
2018	Summer Research Opportunity Program Award to Neli Voyobrov (\$4,500)

HONORS & AWARDS

2012-2015	College Honors, UCLA
2012-2015	College of Letters and Sciences Dean's Honors List (nine quarters), UCLA
2012-2015	Psi Chi International Honor Society in Psychology, UCLA

SERVICE ACTIVITIES

University Service

2022-Present	Childhood Bilingualism Working Group Co-Chair, Bilingualism Matters Chicago,
	Chicago, IL
2019-Present	Member, Bilingualism Matters Chicago, Chicago, IL
2018-2022	Developmental Origins of Lifespan Learning, Well-Being, Health & Disease

	Cluster Member, Institute for Innovations in Developmental Sciences,
	Northwestern University
2018-2020	Health & Wellness Co-Chair and Executive Board Member,
	Graduate Women Across Northwestern, Northwestern University
2016-2020	Recognized Student Organization Advisor, Thai Student Association,
	Northwestern University
2013-2014	Secretary and Member, UCLA Residential Life Global Connections Council,
	UCLA
2013	Service Liaison, UCLA Volunteer Day, Chatsworth Park Elementary School,
	Los Angeles, CA
2013	Thai Interpreter, UCLA Bruin Day, UCLA
2013	Volunteer, UCLA Community Service Commission Alternative Spring Break,
	Best Friends Animal Society, Kanab, UT
2012-2013	Peer Tutor, UCLA Thai Smakom Thai American Students for Success in Education
	and Leadership, Los Angeles, CA

Ad Hoc Reviewer

Child Development, Cognitive Development, Humanities and Social Sciences Communications, Journal of Experimental Psychology: Learning, Memory, and Cognition, Translational Issues in Psychological Science

Conference Submission Reviewer

Budapest CEU Conference on Cognitive Development (BCCCD), Cognitive Development Society (CDS), International Symposium on Bilingualism (ISB), International Symposium on Bilingual and L2 Processing in Adults and Children (ISBPAC), Biennial Meeting of the Society for Research in Child Development (SRCD)

Conference Symposium Organizing

Rochanavibhata, S., & Marian, V. (2023, August). Symposium Co-Chairs. Consequences of Bilingualism for Memory and Cognition. *Society for Applied Research in Memory and Cognition*, Nagoya, Japan.

PROFESSIONAL AFFILIATIONS

Cognitive Development Society, Society for Research in Child Development, Midwestern Psychological Association, Women in Cognitive Science, Psychonomic Society, Society for Applied Research in Memory and Cognition