

# J O S C E L I N R O C H A - H I D A L G O

[www.JoscelinRocha.com](http://www.JoscelinRocha.com) | jr1679[at]Georgetown[dot]edu

## EDUCATION

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<b>Ph.D., Psychology-Lifespan Cognitive Neuroscience</b> <i>Georgetown University</i> Faculty Mentor: Dr. Rachel Barr	Jun 2022
<b>M.A., Psychology</b> <i>Georgetown University</i>	December 2020
<b>B.A., Psychology and Child &amp; Family Studies [Magna Cum Laude]</b> <i>Berea College</i>	May 2016

## HONORS & AWARDS

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- <i>Dr. Karen Gale Exceptional Ph.D. Student Award</i>	2021-2022
- <i>Georgetown Conference Travel Grant by Psychology department</i> <b>[\$800]</b>	2022
- <i>Georgetown Conference Travel Grant</i> <b>[\$500]</b>	2021
- <i>DS4A/Empowerment Program Fellow</i> <b>[5% acceptance rate]</b>	2021
- <i>Student Travel Award to attend meeting for Society of Developmental Psychobiology (ISDP)</i> <b>[\$250]</b>	2021
- <i>Diversity Scholar by rstudio::global virtual conference</i> <b>[\$500]</b>	2021
- <i>People's Choice Poster Award at International Society of Developmental Psychobiology (ISDP)</i>	2020
- <i>Student Travel Award to attend ISDP</i> <b>[\$300]</b>	2020
- <i>Diversity and Inclusion Scholarship to attend NYC R Conference</i>	2020
- <i>Student Travel Award to attend ISDP</i> <b>[\$300]</b>	2019
- <i>Underrepresented Student Workshop Travel Award by the Society of Multivariate Experimental Psychology</i> <b>[\$1,000]</b>	2019
- <i>Georgetown Research Project Award</i> <b>[\$400]</b>	2019
- <i>Georgetown Conference Travel Grant by Psychology department</i> <b>[\$800]</b>	2019
- <i>Travel Award by the Association of Psychological Science</i> <b>[\$310]</b>	2019
- <i>Co-PI. Rocha-Hidalgo, J. &amp; Barr, R. Georgetown Fall Competitive Grant-in-Aid for a study examining "monolingual and bilingual infant's attention to social cues"</i> <b>[\$2,000]</b>	2018
- <i>Georgetown Conference Travel Grant</i> <b>[\$200]</b>	2018
- <i>Georgetown Conference Travel Grant by Psychology department</i> <b>[\$800]</b>	2018
- <i>Student/ Travel Award to attend ISDP</i> <b>[\$385]</b>	2018
- <i>Georgetown Conference Travel Grant</i> <b>[\$250]</b>	2017
- <i>Georgetown Conference Travel Grant by Psychology department.</i> <b>[\$800]</b>	2017
- <i>Graduate Student Workshop Grant by Psychology dpt. at Georgetown University</i> <b>[\$600]</b>	2017
- <i>Olive Ruth Russell Fellowship</i> <b>[\$2,000]</b>	2016
- <i>Conference Travel Funding - National Conference of Undergraduate Research (NCUR)</i> <b>[\$500]</b>	2016
- <i>Conference Travel Funding - Sustainability &amp; Environmental Studies dpt. at Berea College</i> <b>[-\$1,000]</b>	2016
- <i>Bridge-Out Support Grant for Grad. School Exam Preparation &amp; Exam Fees</i> <b>[\$500]</b>	2016
- <i>Bridge-Out Support Grant for Grad. School Applications &amp; Travel</i> <b>[\$500]</b>	2016
- <i>Carlisle Keller Macdonald Scholarship</i> <b>[\$1,000]</b>	2015
- <i>New Horizons Grant Dean's List of academic excellence (7 semesters in a row)</i>	2012-2016
- <i>Berea College Tuition Scholarship</i> <b>[-\$100,000]</b>	2012-2016

## POSITIONS

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<b>Post-Doctoral Scientist</b> <i>The Cognition, Affect, and Temperament Lab—Department of Psychology, Penn State University</i>	August 2022 – Present
<b>Consultant Intern at R for the Rest of Us</b> <i>R for the Rest of Us</i>	June 2022 – Present
<b>Associate Editor &amp; Board Member</b> Translational issues of Psychological Science (TPS) Journal	October 2020– Present
<b>Research Assistant</b>	August 2014 – May 2016

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Business & Psychology Department, Berea College

## Research Assistant

May 2015 – August 2015

\* Cognitive Development Laboratory

\*\* Brain and Cognitive Development Laboratory Psychology Department, University of Illinois Champaign-Urbana

## MEDIA COVERAGE

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- [El Uso Saludable de la Tecnología Para Niños Durante COVID-19: ¿Qué Deben Saber los Padres?](#)  
Positive Parenting Newsfeed. Feb. 17, 2021
- [Tips to build screen sense in kids by Nancy Werteen](#). WFMZ News. Apr. 3, 2020
- Tips to Build Screen Sense by Ivanhoe. Newswire Positive Parenting Newsfeed [English & Spanish].  
<https://positiveparentingnews.org/news-reports/tips-to-build-screen-sense/> Jul. 14, 2019
- [Tecnología y buen sentido por Empieza Temprano](#) [ENG: "Technology & Screen Sense"] Jun. 22, 2019
- [Family First with FOX43: Tips to build screen sense](#). Aug. 15, 2019
- [Screen sense: how much is too much?](#) By One News Page at Today's TMJ4. 2019
- [La tecnología y el buen sentido](#) [ENG: "The Technology & Screen Sense"]. Radio 94.5F. 2019
- [Parents Balance Toddlers' Touchscreen Time](#) by Bianca Castro. NBCDFW. Aug. 7, 2017

## TEACHING EXPERIENCE

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- Teaching Assistant – [Causal Inference with R by Lucy D'Agostino McGowan & Malcolm Barrett](#) –  
R Studio Conference 2022 Summer 2022
  
- Instructor – Seminar in Bilingualism & Cognition - [PSYC 347 - 01](#) – Georgetown University Fall 2020
  
- Graduate Teaching Fellow – Georgetown University

  - PSYC 001– General Psychology Fall 2021
  - PSYC 002 – Research Methods & Statistics (weekly laboratory section) Fall 2019
  - PSYC 130 – Cognition (+ Guest Lecturer) Spring 2019
  - PSYC 001 – General Psychology (+ Guest Lecturer) Fall 2018 & Fall 2021
  - PSYC 140 – Social Psychology Spring 2018
  - PSYC 155 – Psychology & the Legal system Fall 2017

  
- Graduate Teaching Assistant – Berea College

  - PSYC 335 – Research Methods & Statistics II Spring 2015 & 2016
  - PSYC 235 – Research Methods & Statistics I Fall 2014 & 2015

## PUBLICATIONS

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- Roche, E., **Rocha-Hidalgo, J.**, Piper, D., Strouse, G. A., Neely, L. I., Ryu, J., Myers, L. J., McClure, E., Troseth, G. L., Zosh, J. M., & Barr, R. (2022). Presence at a distance: Video chat supports intergenerational sensitivity and positive infant affect during COVID-19. *Infancy*, 1–24. <https://doi.org/10.1111/inf.12491> ROCHE Etal.24
- Rocha-Hidalgo, J.**, Rusnak, N. S., Blanchfield, O., Odier, M., Sawaf, T., & Barr, F. R. (2022) Imitation, Cognitive Flexibility, and Bilingualism. *Languages: Special Issue "New Perspectives on Bilingual Cognition in Children."*
- Rocha-Hidalgo, J.**, & Barr, F. R. (2022). Bilingualism during Infancy and Toddlerhood: A Scoping Review. *International Journal of Bilingualism*. <https://doi.org/10.31234/osf.io/bmdhx>
- Rusnak, N. S., **Rocha-Hidalgo, J.**, Blanchfield, O., Odier, M., Sawaf, T., & Barr, F. R. (2022). The Development of the Robots Imitation Task to Measure Memory Flexibility and Working Memory in Preschoolers. *Journal of Experimental Child Psychology*. (218). <https://doi.org/10.1016/j.jecp.2022.105372>
- Rocha-Hidalgo, J.**, Feller, M., Blanchfield, O. A., Kucker, S. C., & Barr, R. F. (2021). Patterns of mutual exclusivity and retention: A study of monolingual and bilingual 2-year-olds. *Infancy*, 26(6), 1011-1036. <https://doi.org/10.1111/inf.12432>
- Byers-Heinlein, K., Tsui, R. K. Y., van Renswoude, D., Black, A. K., Barr, R., ... **Rocha-Hidalgo, J.**, .... Singh, L. (2021). The development of gaze following in monolingual and bilingual infants: A multi-laboratory study. *Infancy*. 26. 4-38. <https://doi.org/10.1111/inf.12360>

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Rhoads, S. A., & **Rocha-Hidalgo, J.**, (2020). Designing a Course and Syllabus in Psychological Science. *Psychological Science Agenda*, American Psychological Association. <https://www.apa.org/science/leadership/students/course-syllabus>.

### MANUSCRIPTS (UNDER REVIEW & IN PREPARATION)

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**Rocha-Hidalgo, J.**, Lui, M., Tahmassebi, L., Blanchfield, O., Chanchavac, K., & Barr, R. (Under Review). *When the New Gets in the Way of the Old: Assessing Retroactive Memory Interference with Monolingual and Bilingual Infants*.

**Rocha-Hidalgo, J.**, Meghana M., Miller, B., Freda, K., Blanchfield, O. A., Brito, N. H. & Barr R. (in prep.). How language environments and vocabulary change longitudinally: An Examination of the language assessment tool at 18, 24, and 36 Months

**Rocha-Hidalgo, J.**, Freda, K., Telesz, C., & Barr, R. (in prep.). Difference in monolinguals and bilinguals intra- and cross-modal memory skills at 18 months.

### CONFERENCE PRESENTATIONS

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**Rocha-Hidalgo, J.**, Freda, K., Telesz, C., & Barr, R. (2022). Difference in monolinguals and bilinguals intra- and cross-modal memory skills at 18 months. Symposium taking place at the *International Congress of Infant Studies (ICIS) in Ottawa, Canada*.

**Rocha-Hidalgo, J.**, Lui, M., Rusnak, S., & Barr, F. R., (2019). Changes in Context and Objects: Testing Memory Flexibility on Monolinguals and Bilingual Infants. Georgetown Univ. Null Results Blitz, Washington, D.C.

Barr, F. R., Blanchfield, O., **Rocha-Hidalgo, J.**, Rusnak, S., & Zino, L., (2018). Memory Interference in Monolingual and Bilingual 18-month-olds. Talk given at the International Congress of Infant Studies (ICIS), Philadelphia, PA.

Barr, F. R., Rusnak, S., **Rocha Hidalgo, J.**, Lui, M. & Strautman, N. (2017). Read Me a Story: Choosing a Language during Joint Book Reading in Bilingual Dyads. *Workshop on Infant Language Development*, Bilbao, Spain

**Rocha-Hidalgo J.**, & Norris, I. (2016) Facial Feedback and Mood Congruent Memory. *National Conference on Undergraduate Research (NCUR)*, Asheville, North Carolina.

### POSTER PRESENTATIONS

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**Rocha-Hidalgo, J.**, Meghana M., Miller, B., Freda, K., Blanchfield, O. A., Brito, N. H. & Barr R. (2022). How language environments and vocabulary change longitudinally: An Examination of the language assessment tool at 18, 24, and 36 Months. Poster presented at the *International Congress of Infant Studies (ICIS) in Ottawa, Canada*.

Freda K., **Rocha-Hidalgo J.**, Singh L., Chanchavac, K., Wasserman, S., & Barr, R. (2022). Monolinguals and Bilinguals' Visual Recognition Memory of Socially Relevant Stimuli at 8-10 Months. Poster presented at the *International Congress of Infant Studies (ICIS) in Ottawa, Canada*.

Roche, E., **Rocha-Hidalgo, J.**, Piper, D., Strous, G., Myers, L., Zosh J., Troseth, G., McClure, E., & Barr, R. (2022). Zooming the way to relationships: Examining grandmothers? and parents? emotional availability during virtual interactions with infants during the COVID pandemic. Poster to be presented at the *International Congress of Infant Studies (ICIS) in Ottawa, Canada*.

**Rocha-Hidalgo, J.**, Freda, K., Haddad, S., Chanchavac, K., & Barr, R., (2021). Examining Monolingual and Bilingual Infants' Attention to Non-Linguistic Cues and Memory Flexibility. Presented at the hybrid meeting for the *International Society for Developmental Psychobiology (ISDP)*, Chicago, Illinois.

**Rocha-Hidalgo, J.**, Lui, M., Feller, M., Blanchfield, O., Freda, K., Telesz, C., Barr, R. (2021) Visual recognition memory and cross-modal transfer skills among monolingual and bilingual 18-month-olds. Virtual Biennial Meeting of the Society for Research in Child Development (SRCD)

**Rocha-Hidalgo, J.**, Blanchfield, O., Rusnak, S., Motta, A., Greenwood, H., Strautman, N., Lozano, G., Ganea, P., & Barr, R. (2020). Monolingual and Bilingual 2-year-olds' Learning and Transfer of Words from Books to Real Objects. *International Society for Developmental Psychobiology (ISDP)* virtual meeting.

**Rocha-Hidalgo, J.**, Blanchfield, O., Rusnak, S., Feller, M., Lozano, G., Mirek, O., Ryu, J., & Barr, R., (2020). Mutual Exclusivity: Using the Referent Selection Task with Monolingual and Bilingual 2-year-olds. Virtual *International Congress of Infant Studies (ICIS)*.

**Rocha-Hidalgo, J.**, Blanchfield, O., Rusnak, S., Lui, M., Nuñez, E., Varnerin, M., & Barr, R., (2019). When the New Gets in the Way of the Old: Testing Retroactive Interference in Toddlers. *International Society for Developmental Psychobiology (ISDP)*, Chicago, Illinois.

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- Rocha-Hidalgo, J.**, Rusnak, S., Blanchfield, O., Schug, A., Holland, E., Nuñez, E., Suresh, S., & Barr, R. (2019). Memory Interference and Generalization: Current and Cumulative Bilingual Language Exposure Provides Insight into Memory Changes. Biennial Meeting of the Society for Research in Child Development (SRCD), Baltimore, Maryland.
- Rhoads, S. A., **Rocha-Hidalgo, J.**, Hassanzadeh, S., VanMeter, J. W., Marsh, A. A. (2019). Multivariate Cross-classification on Preliminary Data Suggests a Role of Posterior Cingulate Cortex across Self- and Meta-Referential Processing. Social and Affective Neuroscience Society meeting, Miami, FL.
- Rocha-Hidalgo, J.**, Blanchfield, O., Rusnak, S., Feller, M., Lozano, G., & Barr, R., (2018). Using the Referent Selection Task to Test Mutual Exclusivity in Monolingual and Bilingual 2-year-olds. *International Society for Developmental Psychobiology (ISDP)*, San Diego, California.
- Schug, A., **Rocha Hidalgo, J.**, Rusnak, S., Blanchfield, O., Nuñez, E., Barr R., (2018). Navigating Interference: The Role of Multilingualism and Sibling Status in Toddlers. *Student Research Day Annual Exposition* organized by the Medical Center Graduate Student Organization (MCGSO) at Georgetown Univ.
- Rocha-Hidalgo, J.**, Rusnak, S., Blanchfield, O., & Barr, F. R., (2018). Memory Interference in Monolingual and Bilingual 18-month-olds. Poster presented at the *Expanding the Field 2018 (ETF 2018) workshop*, Norwich, UK.
- Rocha-Hidalgo, J.**, Rusnak, S., Blanchfield, O., Odier, M., & Barr, F. R., (2018). Cognitive Flexibility Differences between Monolingual and Bilingual Children. *International Congress of Infant Studies (ICIS)*, Philadelphia, PA.
- Sawaf, T., **Rocha-Hidalgo, J.**, Blanchfield, O., Strautman, N., & Barr, F. R. (2017). The Development of a Novel Imitation Generalization Task to Measure Cognitive Flexibility in Three-year-olds. *International Society for Developmental Psychobiology (ISDP)*, Washington, District of Columbia.
- Rusnak, S., **Rocha-Hidalgo, J.**, Brito, H. N., & Barr, F. R. (2017). Bilingual Consequences in a Challenging Memory Generalization Transfer Task during Infancy: Integration of Multiple Cues? Biennial Meeting of the Society for Research in Child Development (SRCD), Austin, Texas.
- Rocha-Hidalgo, J.**, & Porter, D. (2016) Effects of Two Teaching Approaches on Learning Words in a Foreign Language among school age children. Poster presented at the *National Conference on Undergraduate Research (NCUR)*, Ashville, North Carolina.

## PROFESSIONAL MEMBERSHIPS

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- Black in Psych Organization  
*Director of Finances & Co-Founder (2020 – Present)*
- Translational issues in Psychological Science  
*- Editorial Board (2020 – Present)*  
*- Associate Editor (2021– Present)*
- ManyBabies Consortium
- Association for Psychological Science (APS)
- *APS Campus Representative for Georgetown University (2018 – Present)*
- American Psychological Association of Graduate Students (APAGS)  
*APAGS Member of Science Committee (2020 – 2022)*
- International Congress of Infant Studies (ICIS)  
*ICIS Program Student Representative (2020)*
- International Society for Developmental Psychobiology (ISDP)  
*ISDP Student Representative (2019 – 2021)*
- Society for Research in Child Development (SRCD)  
*SRCD Member of the Latino caucus and the Sexual Orientation & Gender Identity/Expression caucus*
- Psi Chi Honor Society Initiate, Berea College & Georgetown Chapters  
*Berea College President (Spring 2015 – Spring 2016)*
- Flux: The Society for Developmental Cognitive Neuroscience
- Cognitive Development Society (CDS)
- Kappa Omicron Nu Honor Society Initiate, Berea College Chapter
- Phi Kappa Phi Honor Society Initiate, Berea College Chapter

## WORKSHOPS/SPECIAL TRAINING

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**Inferential Statistics, Data Wrangling, and Visualization:** Lead Instructor of Introduction to R Workshop (2018, 2019, 2020, 2022), R for the Rest of Us by Dana Wanzer (2020), Pre-conference Workshop at ICIS by Michael Frank (2019); Sasha D. Hafner from Hafner Consulting LLC (2017)

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**Multilevel Modeling and Longitudinal analysis:** Dan Bauer and Patrick Curran from Curran-Bauer Analytics (2019), SRCD 2019 Professional Development Workshop by Daniel J. Bauer & Patrick J. Curran (2019)

**Latent Profiles and Mixture analysis:** Dan Bauer and Patrick Curran from Curran-Bauer Analytics (2021)

**Open Science:** Pre-conference Workshop at ICIS organized by Michael Frank (2019)

**Dynamic Field Theory Bootcamp:** Introduction to DFT taught by Prof. John Spencer -university of East Anglia (2019)

**Deep Learning and Matlab:** Emily Finn at BrainHackDC (2019), MatLab representatives (2018)

**fNIRS Basic to Advance Concepts:** Summer School Hands-on fNIRS data analysis for fundamental, applied & clinical research by Univ. of Tuebingen, Germany (2021); Lang. & Educational Neuroscience Laboratory – Gallaudet Univ. (2018)

**Teaching:** rstudio::global (2020); Georgetown Univ. Center for New Designs in Learning & Scholarship (2018-2021)

## SKILLS AND TRAINING

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**Research and Data Visualization:** SONA, Qualtrics, Tableau, Prezi, R

**Statistics and Programming:** SPSS, R/R Studio, Stata, Python, Ruby, VBA

**Applications:** Jupyter Notebook, R Markdown, FileMaker, Datavyu

**Languages:** Spanish (Native), English (Bilingual Proficiency), French (Work Proficiency)

## RESEARCH INTERESTS

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**General Areas:** Early Development, Memory, Bilingualism, Language, Cognitive Neuroscience, Attention, Word Learning

**Methodologies:** EEG, fNIRS, fMRI, Neurobehavioral Assessments, Eye tracking

**Statistical Analyses:** Linear and Logistic Multilevel Models, Poisson Models, Linear Regression Models, Non-Parametric Analyses, Latent Profiles/Class Analyses

## EQUITY, DIVERSITY, INCLUSION INITIATIVES

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[BlackinPsych](#) Organization - Co-Founder and Director of Finances

Georgetown Psychology 1<sup>st</sup> EDI Committee – Graduate Student Representative

Eliminating GRE Requirement Initiative at Georgetown University – Initiative Leader (GRE is now optional)