

DIEGO PLACIDO | CURRICULUM VITAE

Center for Mind and Brain - University of California, Davis
202 Cousteau Pl., Suite 170, Room 111
Davis, CA 95616
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www.diegoplacido.com

EDUCATION

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|--------------------|---|
| 2024 (anticipated) | Ph.D. Developmental Psychology University of California at Davis
<i>Computational Social Science Designated Emphasis
Quantitative Psychology Minor</i> |
| 2022 (anticipated) | M.A. Developmental Psychology University of California at Davis
<i>Computational Social Science Designated Emphasis</i> |
| Dec. 2015 | B.A. Psychology Brandeis University
<i>Neuroscience & Computer Science Focus</i> |

ACADEMIC & RESEARCH INTERESTS

- Effects of contextual influences on attention, learning, and memory
- Multisensory perception and integration of audio, visual, and tactile modalities
- Neural correlates of visual attention, socioemotional reasoning, and executive functions
- Impact of socioeconomic status, culture, and social dynamics on cognitive development

RESEARCH TRAINING

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| 2020- | <i>PhD Graduate Student Researcher</i>
Cognition in Context Laboratory
University of California at Davis - Center for Mind and Brain
<i>Director: Yuko Munakata, Ph.D.</i> |
| 2019-21 | <i>PhD Graduate Student Researcher</i>
Neurocognitive Development Laboratory
University of California at Davis - Center for Mind and Brain
<i>Director: Susan M. Rivera, Ph.D.</i> |
| 2017-19 | <i>Laboratory Manager / Research Assistant</i>
Developmental Cognitive Neuroscience Laboratory
Brown University
<i>Director: Dima Amso, Ph.D.</i> |
| 2016-17 | <i>Clinical Research Assistant</i>
Rhode Island Consortium for Autism Research and Treatment
Brown University - Bradley Hospital
<i>Directors: Stephen Sheinkopf, Ph.D. & Eric Morrow, M.D., Ph.D.</i> |

2014-16 *Research Assistant*
Memory and Cognition Laboratory
Brandeis University - Volen National Center for Complex Systems
Director: Arthur Wingfield, D.Phil.

SELECTED AWARDS, FELLOWSHIPS, & HONORS

2022 Karen D. Horobin Psychology Graduate Student Research Award, UC Davis Psychology Dept.

2021 Outstanding Leadership & Service Award, UC Davis Psychology Dept.

2021 American Psychological Association Anne Anastasi Graduate Student Research Recognition Award

2021-24 National Science Foundation Graduate Research Fellowship

2021 Phi Kappa Phi Honor Society
only top 10% of seniors and graduate students across all disciplines elected

2020,21 Templeton Travel Award, UC Davis Psychology Dept. (x3)

2020,21,22 Diverse Mentoring Initiative Award, UC Davis Psychology Dept. (x5)

2020 Best Graduate Student Talk, UC Davis Psychology Dept. Annual Conference

2020-21 Graduate Research Mentorship Fellowship, University of California at Davis

2020,21 NASEM Ford Foundation Predoctoral Fellowship, *Honorable Mention* (x2)

2020 Psychology fMRI Training Program Fellowship, University of Michigan

2019-20 First-Year Research Fellowship, University of California at Davis

2019-20 First-Year Diversity Fellowship, University of California at Davis

2019 *1st Prize* Research Award, Brown University Carney Institute for Brain Science

2018 National Science Foundation Innovation Corps Fellowship

2015-16 Provost Undergraduate Research Grant, Brandeis University

2014,15 Alumni and Friends Scholarship, Brandeis University (x2)

2013 ExxonMobil Northern Virginia CC Honors Program Scholarship

2011 Rotary International Club Vocational Education Award

PUBLICATIONS

** denotes co-first author; + denotes mentored student; ++ denotes co-mentored student*

1. Munakata, Y., **Placido, D.**, & Zhuang, W. (in prep.). What's next? Advances and challenges in understanding how environmental predictability shapes the development of cognitive control.
2. **Placido, D.**, Traut, H.J., & Munakata, Y. (in prep.). Supporting the development of inhibitory control: The promise of considering individual differences in cognitive effort.

3. Nketia, J., Al Sager, A., Dajani, R., **Placido, D.**, & Amso, D. (in prep.). Executive functions in Jordanian children: What can the hearts and flowers task tell us about development in a non-weird context?
4. **Placido, D.**, T-Pederson, C., & Amso, D. (in prep.). More than fun and games: Free play as an index of executive functions.
5. Yonehiro, J.*; **Placido, D.***, & Munakata, Y. (in prep.). Meta-Analysis: Effects of parental scaffolding on the development of executive functions.
6. Amso, D., Govindarajan, L.N., Gupta, P., **Placido, D.**, Baumgartner, H., Lynn, A., Gunther, K., Sharma, T., Veerabadran, V., Thakkar, K., Kim, S., & Serre, T. (submitted). Using computational analysis of behavior to discover developmental change in memory-guided attention mechanisms in childhood.
7. Wang, J.Y., Grigsby, J., **Placido, D.**, Wei, H., Tassone, F., Kim, K., Hessler, D., Rivera, S.M., & Hagerman, R.J. (2022). Clinical and molecular correlates of abnormal changes in the 1 cerebellum and globus pallidus in fragile X premutation. *Frontiers in Neurology: Applied Neuroimaging*.
8. Banks, A.++, Yonehiro, J., **Placido, D.**, Munakata, Y. (2021). Scaffolding development: Steps toward a meta-analysis of the role of parents in shaping children's executive functioning. *McNair Association of Professionals National McNair Research Journal*.
9. Dajani, R., Al Sager, A., **Placido, D.**, & Amso, D. (2020). The value of the We Love Reading program for executive functions in Jordanian children. *EPIc Series in Education Science: Proceedings of the MIT LINC 2019 Conference*, 3, 61-71.

REFEREED ABSTRACTS

* denotes co-first author; + denotes mentored student; ++ denotes co-mentored student

SYMPOSIA

1. **Placido, D.*** & Yonehiro, J.* (2021, May). Holding graduate programs accountable in combating systemic racism through the implementation of the racial justice report card. (Co-Speaker). UC Davis Graduate Anti-Racism Symposium, Virtual (*due to COVID-19 pandemic*).
2. Duarte, S.E.*, **Placido, D.***, Rodriguez, J.E.*, Santisteven, A.C.*, Smith, L.K.*, Trainor, B.C.*, & Yonehiro, J.* (2021, May). Psychology graduate program diversity, equity, and inclusion activities. (Co-Chair). UC Davis Graduate Anti-Racism Symposium, Virtual (*due to COVID-19 pandemic*).

TALKS & POSTERS

1. **Placido, D.**, Traut, H.J., & Munakata, Y. (2021, September). Can cognitive effort predict who benefits most from distinct types of inhibitory control practice? Poster presented at the Flux

- International Congress on Integrative Developmental Cognitive Neuroscience, Virtual (*due to COVID-19 pandemic*).
2. Banks, A.++, Yonehiro, J., **Placido, D.**, & Munakata, Y. (2021, July). Scaffolding development: A meta-analysis on the role of parents in shaping children's executive function development. Poster presented at the UCLA McNair Conference, Virtual (*due to COVID-19 pandemic*).
 3. Tong, A.++, Ji, D.++, Lee, R.++, Banks, A.++, Holm, A.++, Dirzo, M.++, Waltmon, J.++, **Placido, D.**, Yonehiro, J., & Munakata, Y. (2021, May). Elucidating links between parental scaffolding and executive functions development in children through a meta-analytic approach. Poster presented at the UC Davis Psychology Department Spring Conference, Virtual (*due to COVID-19 pandemic*).
 4. Banks, A.++, Yonehiro, J., **Placido, D.**, Waltmon, J.++, & Munakata, Y. (2021, May). Parental scaffolding prepares groundwork for children to thrive with executive functions. Poster presented at the UC Davis Undergraduate Research Conference, Virtual (*due to COVID-19 pandemic*).
 5. **Placido, D.**, Traut, H.J., & Munakata, Y. (2021, April). Using pupillometric measures to predict individual differences in children's responsiveness to inhibitory control interventions. Poster presented at the Society for Research in Child Development Biennial Meeting, Virtual (*due to COVID-19 pandemic*).
 6. Prater Fahey, M., Grahek, I., Dean Wolf, C., **Placido, D.**, Orwicz, A., Amso, D., & Shenhav, A. (2020, September). When is effort worthwhile? Learned efficacy influences how adolescents allocate cognitive control. Poster presented at the Flux International Congress on Integrative Developmental Cognitive Neuroscience, Virtual (*due to COVID-19 pandemic*).
 7. **Placido, D.**, Hessler, D., & Rivera, S.M. (2020, July). Differences in temporal parietal junction activation between fragile X premutation carriers who do and do not convert to having Fragile X-Associated Tremor Ataxia Syndrome. Talk presented at the NFXF International Fragile X Conference, Virtual (*due to COVID-19 pandemic*).
 8. Wang, J.Y., Grigsby, J., **Placido, D.**, Hessler, D., Rivera, S.M., & Hagerman, R.J. (2020, July). The eye of the tiger sign in males carrying normal and premutation alleles of the *FMR1* gene. Talk presented at the NFXF International Fragile X Conference, Virtual (*due to COVID-19 pandemic*).
 9. **Placido, D.**, Hessler, D., & Rivera, S.M. (2020, May). Temporal information processing deficits exhibited in fragile X premutation carriers that convert to the full onset of Fragile X-Associated Tremor Ataxia Syndrome. Talk presented at the UC Davis Psychology Department Spring Conference, Virtual (*due to COVID-19 pandemic*).
 10. **Placido, D.**, Malmberg, S., Liu, X., & Hwang, F., (2019, November). Enhancing executive functions using augmented reality. Poster presented at the Brandeis University Innovation Showcase (National Science Foundation Innovation Corps), Waltham, MA.
 11. Lynn, A., Govindarajan, L., **Placido, D.**, Seungchan, K., Thakkar, K., Serre, T., & Amso, D.

(2019, August). Top-down saliency maps link physical navigation and memory-guided attention in early childhood. Poster presented at the Flux International Congress on Integrative Developmental Cognitive Neuroscience, New York, NY.

12. Dajani, R., Al Sager, A., **Placido, D.**, & Amso, D. (2019, June). The value of the We Love Reading read-aloud method for executive functions. Talk presented at the Massachusetts Institute of Technology Learning International Network Consortium, Cambridge, MA.
13. **Placido, D.**, Nketia, J.A., Werchan, D.M., & Amso, D. (2019, March). Exploring the effects of emotional support and cognitive stimulation on executive functions in children across socioeconomic status. Poster presented at the Brown University Carney Institute for Brain Science, Providence, RI.
14. **Placido, D.**, Malmberg, S., Liu, X., & Hwang, F., (2018, November). Effy: A mechanism to enhance executive functioning. Talk presented at the Brandeis University Innovation Showcase (National Science Foundation Innovation Corps), Waltham, MA.
15. **Placido, D.**, Nketia, J.A., Werchan, D.M., & Amso, D. (2018, August). Exploring the effects of emotional support and cognitive stimulation on executive functions in children across socioeconomic status. Poster presented at the Flux International Congress on Integrative Developmental Cognitive Neuroscience, Berlin, Germany.
16. Atagi, E., **Placido, D.**, & Wingfield, A. (2016, April). Examining the effects of age and hearing acuity on lexical detection latencies in linguistically complex sentences. Poster presented at the Cognitive Aging Conference, Atlanta, GA.

INVITED PRESENTATIONS

2020,21,22	Divers-I-Tea Prospective Student Event, University of California at Davis
2019	<i>Munakata</i> Cognition in Context Lab, University of California at Davis
2019	<i>Kaldy</i> Baby Lab, University of Massachusetts at Boston

SPECIALIZED TRAINING

- Siemens 3T MRI Safety and Operator Certified

RELEVANT SKILLS

- **Programming:** R, Python, C#, Java, JavaScript, HTML, LaTeX, MATLAB, SAS, SPSS, SPM
- **Laboratory:** SMI RED eye-tracker, Tobii eye-tracker, fMRI, fNIRS, audiometer, BeGaze, DataVyu, E-Prime, PSLiveCapture, PsyScope X, Unity, Yabus
- **Languages:** English (Fluent), Spanish (Fluent), French (Modest), Japanese (Novice)

RELEVANT PROFESSIONAL SERVICE

TO THE ACADEMY

2021	<i>NSF-GRFP Fellow Panelist</i>
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- Applying for Fellowships (Virtual Panel)
Next Gen Psych Scholars Program
- 2020 *Co-Organizer & Co-Moderator*
Career Perspectives (Virtual Panel)
Flux: International Society for Developmental Cognitive Neuroscience
- 2020-22 *Science Communications Committee Member*
International Society for Developmental Psychobiology
Supervisor: Natalie Brito, Ph.D.
- 2018-20 *Trainee Liaison Committee Member*
Flux: International Society for Developmental Cognitive Neuroscience
Supervisors: Nim Tottenham, Ph.D. & Beatriz Luna, Ph.D.

TO THE DEPARTMENT & UNIVERSITY

- 2022- *Anti-Racist Implementation Group Member*
University of California at Davis - Graduate Studies
- 2021- *Committee on DE Educational Policy Student Representative*
University of California at Davis - Computational Social Science DE
- 2021 *NSF-GRFP Fellow Panelist*
Applying for the NSF-GRFP (Virtual Panel)
University of California at Davis - Psychology Department
- 2021,22 *Diversity Recruitment Planning Committee Member*
University of California at Davis - Psychology Department
- 2020,21 *PhD Graduate Student Panelist*
Meet the Leaders in Mind and Brain Research Virtual Interview Series
University of California at Davis - Center for Mind and Brain
- 2020-21 *Anti-Racist Advocacy Group Member*
University of California at Davis - Graduate Studies
- 2020 *Co-Organizer & Volunteer*
Neurodiversity Summit (Virtual Panel)
University of California at Davis - M.I.N.D. Institute
- 2020- *DEI Mentoring Fellowship Selection Committee Member*
University of California at Davis - Psychology Department
- 2020- *DEI Graduate Student Branch Committee Member*
University of California at Davis - Psychology Department
- 2020,21,22 *PhD Graduate Student Panelist*

Divers-I-Tea Prospective Student Event
University of California at Davis - Psychology Department

2019-20 *Graduate Student Association Representative*
University of California at Davis

RELEVANT OUTREACH & VOLUNTEER SERVICE

2021- *NPSP Mentor*
Next Gen Psych Scholars Program

2020- *Graduate Student Peer Mentor*
University of California at Davis - Psychology Department

2018- *Mentor*
Letters to a Pre-Scientist Organization

2018-19 *Sanctuary Volunteer*
First Unitarian Church of Providence

2017,18,19 *Science Volunteer*
Brown University - Brain Fair

2017 *Mentor*
Big Brothers Big Sisters Organization

2015 *Teaching Assistant*
Brandeis University - Lemberg Children's Center
Supervisor: Katherine Braun-Levine, M.A.

2009-11 *Student Volunteer*
Key Club International
Supervisor: Kathleen Riddle

PROFESSIONAL MEMBERSHIPS

- Association for Psychological Sciences
- Cognitive Science Society
- Flux: The International Society for Developmental Cognitive Neuroscience
- Society for Research in Child Development