

Current Position

August 2018- Assistant Professor, Tenure-track
Department of Psychology, AMERICAN UNIVERSITY
Center for Behavioral Neuroscience, AMERICAN UNIVERSITY

Education

- 2016 *Qualification aux fonctions de Maître de Conférences* (qualification for the position of Assistant Professor) in Psychology (Section 16) and Neuroscience (Section 69), France
- 2015 UNIVERSITY OF GRENOBLE, France
PhD in Cognitive Sciences, Psychology and Neuro-Cognition – defended 11/26/2015
- 2012 ÉCOLE NORMALE SUPÉRIEURE, Paris, France
Master of Science in Cognitive Sciences, Neuroscience track (magna cum laude)
E.N.S. Diploma in Cognitive Sciences
- 2010 *Agrégation* of Biology-Geology (competitive examination, national rank : 14 out of 1766 candidates, 80 admitted), prepared at the UNIVERSITY OF PARIS-SUD, Orsay, France.
- 2008 ÉCOLE NORMALE SUPÉRIEURE & UNIVERSITÉ PIERRE ET MARIE CURIE, Paris, France
Bachelor of Science (*Licence*) in Biology (magna cum laude)
- 2007 Admitted to the ÉCOLE NORMALE SUPÉRIEURE (competitive examination, national rank : 3 out of 893 candidates, 21 admitted)
- 2005–07 LYCÉE HENRI IV, Paris, France. *Classes préparatoires* in Biology, Geology, Chemistry, Physics (intensive, selective undergraduate program)

Research Training

- 2017-18 Postdoctoral Research Fellow
Department of Pediatrics, HARVARD MEDICAL SCHOOL
Division of Developmental Medicine, BOSTON CHILDREN'S HOSPITAL
Mentor : CHARLES A. NELSON III
- 2015-17 Postdoctoral Research Fellow, joint appointment
Department of Brain and Cognitive Sciences, UNIVERSITY OF ROCHESTER
Department of Pediatrics, HARVARD MEDICAL SCHOOL
Division of Developmental Medicine, BOSTON CHILDREN'S HOSPITAL
Mentors : RICHARD N. ASLIN & CHARLES A. NELSON III
- 2012–15 PhD student, LPNC, UNIVERSITY OF GRENOBLE, France
Advisors : OLIVIER PASCALIS & ÉDOUARD GENTAZ
PhD thesis : Development of facial expression perception
- 2011–12 Master student, Neurospin, CEA SACLAY, France
Advisors : SEBASTIEN MARTI & PR. STANISLAS DEHAENE
Master's thesis : Accuracy of introspection during visual search
- 2011 Volunteer intern, Brain & Mind Research Institute, UNIVERSITY OF SYDNEY, Australia
Supervisor : BERNARD BALLEINE
Cortico-striatal consolidation of learning in rats

- 2008–09 Master student, LSCP, ÉCOLE NORMALE SUPÉRIEURE, Paris
Advisor : JÉRÔME SACKUR
Time perception in meta-contrast
- 2008 Undergraduate student, LYON CENTER FOR COGNITIVE NEUROSCIENCE, France
Advisors : IRENE CRISTOFORI & ANGELA SIRIGU
Bachelor thesis : Neural basis of social pain using intracranial EEG

Publications

Peer-reviewed

1. Bayet L., Zinszer B., Reilly E., Cataldo J. K., Pruitt Z., Cichy R. M., Nelson C. A., & Aslin R. N. (in press) Temporal dynamics of visual representations in the infant brain. *Developmental Cognitive Neuroscience*. Preprint : *bioRxiv* 2020.02.26.947911. doi: [10.1101/2020.02.26.947911](https://doi.org/10.1101/2020.02.26.947911)
2. O'Brien A., Bayet L., Riley K., Nelson C. A., Sahin M., & Modi M. (2020) Auditory processing of speech and tones in children with tuberous sclerosis complex. *Frontiers in Integrative Neuroscience* 14, 14. doi: [10.3389/fnint.2020.00014](https://doi.org/10.3389/fnint.2020.00014)
3. Behrendt H. F., Wade M., Bayet L., Nelson C. A., & Bosquet Enlow M. (2019) Pathways to social-emotional functioning in the preschool period : The role of child temperament and maternal anxiety in boys and girls. *Development and Psychopathology* 26, 1-14. doi: [10.1017/S0954579419000853](https://doi.org/10.1017/S0954579419000853)
4. Bayet L., Behrendt H., Cataldo J. K., Westerlund A., & Nelson C. A. (2018) Recognition of facial emotions of varying intensities by three-year-olds. *Developmental Psychology* 54, 2240-2247 doi: [10.1037/dev0000588](https://doi.org/10.1037/dev0000588)
5. Bayet L., Zinszer B. D., Pruitt Z., Aslin R. N. & Wu R. (2018) Dynamics of neural representations when searching for exemplars and categories of human and non-human faces. *Scientific Reports* 8, 13277 doi: [10.1038/s41598-018-31526-y](https://doi.org/10.1038/s41598-018-31526-y)
6. Bayet L., Quinn P.C., Laboissière R., Caldara R., Lee K., & Pascalis O. (2017) Fearful but not happy expressions boost face detection in human infants. *Proceedings of the Royal Society B : Biological Sciences* 84, 20171054 doi: [10.1098/rspb.2017.1054](https://doi.org/10.1098/rspb.2017.1054)
— Featured in French national news outlets including *Sciences et Avenir*, *France 3 Auvergne-Rhône-Alpes*, and *Top Santé*
7. Zinszer B. D., Bayet L., Emberson L. L., Raizada R. D. S., & Aslin R. N. (2017) Decoding semantic representations from fNIRS signals. *Neurophotonics* 5, 011003 doi: [10.1117/1.NPh.5.1.011003](https://doi.org/10.1117/1.NPh.5.1.011003)
8. Bayet L., Quinn P.C., Tanaka J., Lee K., Gentaz E., & Pascalis O. (2015) Face gender influences the looking preference for smiling expressions in 3.5-month-old human infants. *PLOS ONE* 10, e0129812 doi: [10.1371/journal.pone.0129812](https://doi.org/10.1371/journal.pone.0129812)
9. Damon F., Bayet L., Hillairet de Boisferon A., Méary D., Dupierrix E., Quinn P. C., Lee K., & Pascalis O. (2015) Can human eyes prevent perceptual narrowing for monkey faces? *Developmental Psychology* 51, 637-642 doi: [10.1002/dev.21319](https://doi.org/10.1002/dev.21319)
10. Bayet L., Pascalis O., Quinn P.C., Lee K., Gentaz E., & Tanaka J. (2015) Angry facial expressions bias gender categorization in children and adults : behavioral and computational evidence. *Frontiers in Psychology* 6, 346 doi: [10.3389/fpsyg.2015.00346](https://doi.org/10.3389/fpsyg.2015.00346)
11. Marti S., Bayet L., & Dehaene S. (2015) Subjective report of eye fixations during serial search. *Consciousness and Cognition* 33, 1-15 doi: [10.1016/j.concog.2014.11.007](https://doi.org/10.1016/j.concog.2014.11.007)
12. Bayet L., Pascalis O., & Gentaz E. (2014) Le développement de la discrimination des expressions faciales émotionnelles chez les nourrissons dans la première année [The development of emotional facial expression discrimination by infants in the first year of life]. *L'Année Psychologique* 114, 469-500 doi: [10.4074/S0003503314003030](https://doi.org/10.4074/S0003503314003030)

In preparation or under review

1. **Bayet L.***, Perdue K.*, Behrendt H. F., Richards J. E., Westerlund A., Cataldo J. K., & Nelson C. A. (revise & resubmit) Frontal and temporal processing of happy, fearful and angry faces in 5- and 7-month-old infants. *bioRxiv* 2020.04.07.030395. doi: [10.1101/2020.04.07.030395](https://doi.org/10.1101/2020.04.07.030395)
2. **Bayet L.**, Saville A., & Balas B. (revise & resubmit) Sensitivity to face animacy and inversion in childhood : Evidence from event-related potentials and time-resolved classification of EEG data. *PsyArXiv*. doi: [10.31234/osf.io/b9qgz](https://doi.org/10.31234/osf.io/b9qgz)

* Equal contributions

Conference Proceedings

Peer-reviewed

1. Gemignani J., **Bayet L.**, Kabdebon C., Blankertz B., Pugh K. R., & Aslin R. N. (2018) Classifying the mental representation of word meaning in children with Multivariate Pattern Analysis of fNIRS. *Proceedings of the 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'18)*
2. Gates M. A., Veuthey T. L., Tessler M. H., Smith K. A., Gerstenberg T., **Bayet L.**, & Tenenbaum J. H. (2018) Tiptoeing around it : Inference from absence in potentially offensive speech. *Proceedings of the 40th Annual Conference of the Cognitive Science Society*

Book Chapters

Peer-reviewed

1. **Bayet L.**, & Nelson C. A. (2020) The neural architecture and developmental course of face processing. In : Rubenstein J. & Rakic P. (Eds), *Neural Circuit Development And Function In The Healthy And Diseased Brain : Comprehensive Developmental Neuroscience*. pp 435-564. doi: [10.1016/B978-0-12-814411-4.00020-2](https://doi.org/10.1016/B978-0-12-814411-4.00020-2)
2. **Bayet L.**, & Nelson C. A. (2019) The perception of facial emotion in typical and atypical development. In : LoBue V., Perez-Edgar K., & Kristin Buss K. (Eds.), *Handbook of Emotional Development*. pp 105-138. doi: [10.1007/978-3-030-17332-6_6](https://doi.org/10.1007/978-3-030-17332-6_6)

Fellowships, Awards, and Grants

Current support

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| 2019 | AMERICAN UNIVERSITY, COLLEGE OF ARTS AND SCIENCES. Faculty Mellon Fund. <i>Dynamics of visual object representations in preverbal infants</i> . \$1,750 (1,566€). |
| 2019 | AMERICAN UNIVERSITY. Faculty Research Support Grant. <i>Electrophysiological Measures of Neural Sensitivity to Facial Emotion in Pediatric Social Anxiety</i> . Co-PI with Dr. Nicole Caporino. \$20,000 (17,530€). 05/01/2019-4/30/2020 |
| 2018 | AMERICAN UNIVERSITY, COLLEGE OF ARTS AND SCIENCES. Faculty Mellon Fund. <i>Electrophysiological Markers of Sensitivity to Facial Emotion in Children with Social Anxiety</i> . Co-PI with Dr. Nicole Caporino. \$4,000 (3,502€). |

Previous fellowships, awards, and grants

- 2018 AMERICAN UNIVERSITY, CENTER FOR TEACHING, RESEARCH AND LEARNING. Teaching Enhancement Grant. \$100 (85€)
- 2018 HARVARD BRAIN SCIENCE INITIATIVE. Young Scientist Travel Award. \$1000 (813€)
- 2017 PHILIPPE FOUNDATION. Post-doctoral research award. \$3,000 (2,616€)
- 2016 PHILIPPE FOUNDATION. Post-doctoral research award. \$3,000 (2,616€)
- 2015 DOROTHY LEET-AFFDU. Post-doctoral research award. \$1,680 (1,500€)
- 2012–15 Ph. D. fellowship, FRENCH DEPARTMENT OF RESEARCH AND HIGHER EDUCATION (MESR), awarded by the DEPT. OF COGNITIVE SCIENCES OF THE ÉCOLE NORMALE SUPÉRIEURE *Developpement of facial expressions perception*. PI : É. GENTAZ (CNRS). Full salary over 3 years, about \$65,000 (58,000€). Similar to the NSF graduate research fellowship.
- 2015 GDR COG. NEURO. DEVELOPM. Travel award. \$1,000 (872€)
- 2014 EDISCE DOCTORAL SCHOOL. Travel award. \$330 (300€)
- 2013 GDR COG. NEURO. DEVELOPM. Travel award. \$650 (578€)
- 2007–12 ÉCOLE NORMALE SUPÉRIEURE. Student fellowship. Full salary over 4 years, about \$80,600 (72,000€). Biology, Chemistry, Physics, and Earth Sciences (rank : 3/893)
- 2005 3rd Prize at the CONCOURS GÉNÉRAL in Biology & Geology, a French academic competition

Communications

Invited talks and seminars

1. Faces, objects, and agents : How infants and children understand the visual world. *Applied Developmental Psychology (ADP) Colloquia Series, George Mason University, Fairfax, VA, USA*. [rescheduled to October 7, 2020 due to COVID-19]
2. Time-resolved classification of EEG data. *Pre-conference Day Workshop at the 4th Lancaster Conference on Infant and Early Child Development, Lancaster, UK*. August 20, 2019
3. How infants and children understand the visual world. *Capital Area Cognition, Attention, and Perception Conference, George Washington University, DC, USA*. January 25, 2019
4. Faces, objects, and agents : How infants and children understand the visual world. *Harvard University, MA, USA*. November 12, 2018
5. Early development of emotional faces processing : Perceptual and cognitive mechanisms of development and relation to social-emotional outcomes. *International Congress of Applied Psychology (ICAP), Montréal, Québec, Canada*. June 26, 2018
6. The development of the discrimination of emotional facial expressions in infants during the first year. *Graduate seminar series, Swiss Center for Affective Sciences, University of Geneva, Switzerland*. March 10, 2015
7. A universal preference for smiles in young infants? Face gender influences the looking preference for smiling expressions in 3.5-month-old human infants. *Focus on emotional development, Swiss Center for Affective Sciences, University of Geneva, Switzerland*. March 9, 2015
8. What causes the angry male bias? Answers from developmental and computational studies. *LIP lab seminar serie, University of Grenoble, France*. February 16, 2015

Contributed conference talks and symposia

1. Bayet L., Zinszer B., Cataldo J. K., Reilly E., Cichy R. M., Nelson C. A., & Aslin R. N. Time-Course and Properties of Higher-Order Visual Representations in the Infant Brain. In « Integrating computational and neuroimaging methods to investigate infant cognitive development ». *virtual Biennial Meeting of the International Society on Infant Studies (vICIS)*. July 2020. Symposium co-chair and organizer.

2. **Bayet L.**, Zinszer B., Cataldo J. K., Reilly E., Cichy R. M., Balas B., Nelson C. A., & Aslin R. N. Probing the time-course and properties of higher-order visual representations in the developing brain with multivariate EEG decoding. In « Extracting neural representations from EEG and fNIRS signals for studies of development and learning ». *Biennial Meeting of the International Society on Infant Studies (ICIS), Philadelphia, USA*. July 2, 2018
3. **Bayet L.**, Cataldo J. K., Bosquet Enlow M., & Nelson C. A. Individual differences in Event-Related Potentials to emotional faces from infancy to 3 years : Developmental stability and relation with risk for anxiety. In « Threat perception from infancy to the preschool period : Behavioral and neuroimaging perspectives ». *Biennial Meeting of the International Society on Infant Studies (ICIS), Philadelphia, USA*. July 1, 2018. Symposium chair and organizer.
4. **Bayet L.**, Zinszer B., Cataldo J. K., Wu R., Nelson C. A., & Aslin R. N. Multivariate analysis of EEG for face perception research : Implications for learning and development. Pre-conference program on face processing. *Biennial Meeting of the Society for Research in Child Development, Austin, USA*. April 5, 2017
5. **Bayet L.**, Pascalis O., Quinn P.C., Lee K., Gentaz E., & Tanaka J. Developmental and computational evidence for an « angry male » bias in face gender categorization. Pre-conference program on face processing. *Biennial Meeting of the Society for Research in Child Development, Philadelphia, USA*. March 18, 2015
6. **Bayet L.**, Pascalis O., Quinn P.C., Lee K., Gentaz E., & Tanaka J. Do angry faces look more male to adults, children and machines? *Annual meeting of the GDR Neurosciences Cognitives du Développement, Paris, France*. September 26, 2014

Conference poster presentations

1. Casey K., Scott K., Ashton K., Gill J., Simpson L., & **Bayet L.** (2020) Neonatal imitation of caregivers at home : A feasibility pilot. *virtual Conference of the Cognitive Science Society (CogSci)*.
2. Ashton K.*, Fernandez F.*, Sugden N., Moulson M., & **Bayet L.** (2020) Age specific interaction between face race and face gender in infant ERP responses to faces. *virtual Biennial Meeting of the International Society on Infant Studies (vICIS)*.
3. **Bayet L.**, Perdue K., Behrendt H., Cataldo J. K., Almanza R., Richards J. E., & Nelson C. A. (2019) Perception of facial emotions of varying intensities in 3-year-olds. *Biennial Meeting of the Society for Research in Child Development (SRCD), Baltimore, USA*. doi: 10.6084/m9.figshare.7871774
4. O'Brien, **Bayet L.**, Riley, K., Nelson, C. A., Sahin, M., & Modi, M. (2018) Auditory event related activity in children with Tuberous Sclerosis Complex. *48th Annual Society for Neuroscience Conference, San Diego, CA*.
5. Balas B., **Bayet L.**, & Saville A. (2018) Neural sensitivity to face animacy in childhood. *Journal of Vision*, 18, 563-563. *Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, Florida, USA*.
6. **Bayet L.**, Zinszer B., Saville A., Aslin R. N., Balas B., & Wu R. (2018) Probing the time-course of face representations with time-resolved multivariate pattern analyses of EEG signals. *Annual Meeting of the Cognitive Neuroscience Society (CNS), Boston, USA*.
7. **Bayet L.**, Pruitt Z., Cichy R. M., Nelson C. A., & Aslin R. N. (2017) Dynamics of audiovisual representations in the adult brain using a child-friendly stimulus set. *Cognitive Computational Neuroscience (CCN), Columbia University, NY, USA*.
8. **Bayet L.**, Cataldo J. K., Reilly E., Cichy R. M., Nelson C. A., & Aslin R. N. (2017) Time-resolved classification of EEG data : Probing the time-course of higher-order visual representations in the infant brain. *Biennial Meeting of the Society for Research in Child Development (SRCD), Austin, USA*.
9. **Bayet L.**, Damon F., Méary D., Porcheron A., Russell R., Pascalis O. (2017) Sensitivity to contrast-enhanced facial features in 3- to 6-month-old human infants. *Biennial Meeting of the Society for Research in Child Development (SRCD), Austin, USA*.
10. Zinszer B. D., **Bayet L.**, Emberson L. L., & Aslin R. N. (2016) Decoding semantic representations from fNIRS signals. *Biennial Meeting of the Society for functional Near Infrared Spectroscopy (fNIRS), Paris, France*. <https://github.com/bzinszer/SfNIRS-2016-demo/>

11. **Bayet L.**, Pruitt Z., Cataldo J. K., Cichy R. M., Nelson C. A., & Aslin R. N. (2016) Time resolved EEG predicts classification of visual objects in the infant brain. *Flux Conference, Saint Louis, USA*.
12. **Bayet L.**, Quinn P. C., Caldara R., Lee, K., & Pascalis O. (2016) Do fearful expressions facilitate detection of faces in young infants? *Biennial Meeting of the International Society on Infant Studies (ICIS), New-Orleans, USA*. doi: [10.6084/m9.figshare.3386281](https://doi.org/10.6084/m9.figshare.3386281)
13. **Bayet L.**, Caldara R., Gentaz E., & Pascalis O. (2015) Early sensitivity to fearful faces in 3.5 months infants. *Biennial Meeting of the Society for Research in Child Development (SRCD), Biennial Meeting, Philadelphia, USA*. doi: [10.6084/m9.figshare.1326659](https://doi.org/10.6084/m9.figshare.1326659)
14. **Bayet L.**, Quinn P. C., Tanaka J., Lee, Gentaz E., & Pascalis O. (2014) Gender and facial expression interact in the looking preferences of 3,5-month-olds. *Multidisciplinary Perspectives on Person Perception Workshop, Dartmouth College, USA*. doi: [10.6084/m9.figshare.1037610](https://doi.org/10.6084/m9.figshare.1037610)
15. **Bayet L.**, Quinn P. C., Tanaka J., Lee, Gentaz E., & Pascalis O. (2014) Gender and facial expression interact in the looking preferences of 3,5-month-olds. *Biennial Meeting of the International Society on Infant Studies (ICIS), Berlin, Germany*. doi: [10.6084/m9.figshare.1037610](https://doi.org/10.6084/m9.figshare.1037610)
16. Marti S., **Bayet L.**, & Dehaene S. (2013) Introspection reveals covert intentions during serial search, *ASSC, San Diego, USA*. doi: [10.6084/m9.figshare.977868](https://doi.org/10.6084/m9.figshare.977868)

Research Supervision and Mentoring

Graduate Students

- KIRA ASHTON (PhD student in Behavior, Cognition, and Neuroscience, American University, 2019-)
- KATHERINE CASEY (Master's student in Psychology 2019-20; PhD student in Behavior, Cognition, and Neuroscience, American University, 2020-)
- RACHEL NELSON (Master's student in Psychology 2019-)
- GEMEI LI (Master's student in Statistics, American University, 2018-19), with Prof. D. Gerard

Undergraduate Students

- ALENA QUINN (Undergraduate Research Assistant, American University, 2020-)
 - Awarded a research scholarship from the AU Summer Scholars & Artists Program, Summer 2020
- ALYSSA BLOCK (Undergraduate student, American University, 2019-20)
- FABIOLA FERNANDEZ (Undergraduate student, American University, 2019-20)
- BRADY TUTTLE (Undergraduate student, American University, 2018-19)
 - Awarded a research scholarship from the AU Summer Scholars & Artists Program, Summer 2019
- EVE HAUSER (Undergraduate student, American University, 2018)
- NANCY PEREZ (Undergraduate student, American University, 2018-19)
 - Received the Charles B. Ferster Award, 2019
- EMILY HOUGHTON (Undergraduate student, American University, 2019)
- ELIJAH MURPHY (Undergraduate student, American University, 2019)
- PAIGE WEISS (Undergraduate student, American University, 2018)
- SARAH CHUN (Undergraduate student, Harvard College, 2016-17)
 - Awarded funding from the Harvard College Research Program, Spring & Fall 2017

Research Assistants and Interns

- CAMILA LARRAURI (Undergraduate Research Assistant, American University, 2020-)
- KIERSTEN MORRIS (Undergraduate Research Assistant, American University, 2019-20)
- KAELA TIDUS (Undergraduate Research Assistant, American University, 2019)
- ALEXIS LLEWELLYN (Undergraduate Research Assistant, American University, 2018-19)

- SOLOMIYA SYVYK (Undergraduate Research Assistant, American University, 2018-19)
- OLIVIA HAJIN HYUN (Undergraduate Intern, American University, 2019)
- HAILEY STREIER (Undergraduate Intern, American University, 2018)
- EMILY REILLY (Post-bac Research Assistant, Boston Children's Hospital, 2016-17)
- JULIA CATALDO (Post-bac Research Assistant, Boston Children's Hospital, 2015-16)
- GABRIELLA RAHAL HADDAD (Undergraduate Intern, Emmanuel College, 2017)

Teaching Experience

2018- Assistant Professor, AMERICAN UNIVERSITY, Washington, DC, USA

- 2018-, Instructor, Child Psychology, Undergraduate
- 2018-, Instructor, Psychology as a Natural Science, Undergraduate
- 2019, Instructor, Early cognitive and brain development, Undergraduate/Graduate
- 2019, Guest Lecturer, Deep learning in computer vision, Undergraduate/Graduate
- 2018, Guest Lecturer, Developmental Neuroscience, Undergraduate/Graduate

2018 Postdoctoral Fellow, BOSTON CHILDREN'S HOSPITAL, Boston, MA, USA

- Advanced topics in EEG analysis : Multi-variate pattern analysis (MVPA) with EEG, 1h lecture
- Practical introduction to statistical testing, 1.5h lab (course co-leader ; with L. Pierce)

2017 Research Facilitator, NSF Brains, Minds and Machines Summer Course, MBL Woods Hole, MA, USA. Organized by the MIT Center for Brains, Minds and Machines

- Psychophysics and MTurk, 1.5h tutorial (with J. Kim and K. Smith)
- Project tutor : Rational speech model of politeness (with T. Gerstenberg and K. Smith)

2012–15 Teaching Assistant, UNIVERSITY OF GRENOBLE, France (192h EQTD)

- 2014-15, Topics in Cognitive Psych. (infant visual perception), Undergraduate Year 1, 4h lectures
- 2014-15, Perception, Action, Categorization (developmental), Undergraduate Year 3, 12h tutorials
- 2013-15, Introduction to Developmental Psychology, Undergraduate Year 2, 60h tutorials
- 2014-15, Neurophysiology of perception, Undergraduate Year 3, 12h labs
- 2012-14, Evolution & behavior, Undergraduate Year 2, 6h lectures & 72h tutorials
- 2014-15, Academic skills, Undergraduate Year 1, 12h tutorials
- 2013-14, Experimental methods for the Social Sciences, Undergraduate Year 1, 12h tutorials
- 2014, Workshop « Contributions of Psychology to teaching », Graduate TAs, 1h lecture

Professional Service

Ad-hoc reviewer/referee

Advances in Cognitive Psychology, Biennial Meeting of the Society for Research in Child Development, Biological Psychiatry : Cognitive Neuroscience and Neuroimaging, Cerebral Cortex Communications, Child Development, Developmental Psychobiology, Developmental Cognitive Neuroscience, Developmental Psychology, Developmental Science, eLife, IEEE Transactions on Information Forensics and Security, Infancy, International Congress of Applied Psychology, International Journal of Behavioral Development, Isaac Newton Trust, Journal of Experimental Child Psychology, NeuroImage, PeerJ, PLOS ONE, Psychonomic Bulletin & Review, Social Neuroscience, Vision Research, Visual Cognition.

Scientific outreach

- 2019- Advisory board member, *Science Ambassador Scholarship*, a full-tuition scholarship for women in STEM.
- 2017- Volunteer scientist, *Skype a Scientist*, K-12 STEM outreach program.
- 2017-18 Volunteer scientist, *Letters to a Pre-Scientist* K-12 STEM outreach program.
- 2017 Speaker, *Harvard Medical School MEDscience*. High school STEM outreach summer program

Conference/panel organization

- 2020 Symposium co-chair and organizer, « Integrating computational and neuroimaging methods to investigate infant cognitive development ». *Virtual Biennial Meeting of the International Society on Infant Studies (ICIS)*. July 2020.
- 2020 Organizing committee member, *Capital Area Cognition, Attention, and Perception Conference*, *George Washington University, DC, USA*. January 24, 2020
- 2018 Symposium chair and organizer, « Threat perception from infancy to the preschool period : Behavioral and neuroimaging perspectives ». *Biennial Meeting of the International Society on Infant Studies (ICIS), Philadelphia, USA*. July 1, 2018

University service

- 2020- Member, Undergraduate Curriculum Committee, Department of Psychology, American University
- 2020- Member, Executive Committee of the Behavior, Cognition, and Neuroscience PhD program, American University
- 2020- Member, PhD Dissertation committee of GABRIELLE SARLO, PhD program in Behavior, Cognition, and Neuroscience, American University
- 2019-20 Member, Master's Thesis committee of ADRIA MANKUTE, MA program in Psychology, American University
- 2018-20 Member, Master's Thesis and PhD Dissertation committee of ANNA KIRKLAND, PhD program in Behavior, Cognition, and Neuroscience, American University
- 2019-20 Member, Faculty search committee, Department of Psychology, American University
- 2018-19 Member, Merit committee, Department of Psychology, American University

Professional societies

- 2020- Member, Cognitive Science Society (CogSci)
- 2016- Member, Society for functional Near Infrared Spectroscopy (SfNIRS)
- 2016- Member, International Congress of Infant Studies (ICIS)
- 2016- Member, American Association for the Advancement of Science (AAAS)
- 2015- Member, Society for Research in Child Development (SRCD)

Media

— La Nuit des émotions [The night of emotions], *Radio Campus Paris*. May 30, 2013

Professional Training

- 2017 Effectively Communicating Research, Harvard Catalyst
- 2017 New England Future Faculty Workshop, Northeastern University
- 2016-17 Certificate in Applied Biostatistics, Harvard Catalyst (selective year-long program)
- 2016 NSF Brains, Minds and Machines Summer Course at MBL Woods Hole, USA, organized by the MIT Center for Brains, Minds and Machines (selective, 35 accepted)
- 2015 fNIRS course, Martinos Center for Neuroimaging, Boston, USA
- 2015 EEGLAB course, Aspet, France
- 2014 Advanced Statistics and Data Mining, Technical University of Madrid, Spain