

NORA TUROMAN, PhD

Phone: +41 (0) 79 898 17 99
E-mail: nora.turoman@unige.ch
Address: 22 Chemin de Pinchat,
1227, Carouge, CH

ORCID: [0000-0003-2655-8259](https://orcid.org/0000-0003-2655-8259)
Research group website:
<https://cigev.unige.ch/recherches/research-g/group-turoman/>

Languages: English (near native), French (full professional proficiency), Serbian (native), Hungarian (native)

RESEARCH

RESEARCH INTERESTS

I study the **links between sensory systems** (e.g., how audition and vision interact to affect attention and memory), **between different cognitive processes** (e.g., how working memory is implied in prospective memory), and **between sensory and cognitive processes** (e.g., how sensory decline impacts cognitive decline). I have mainly studied these links over development from childhood to adulthood but am now branching into a lifespan perspective. In terms of methods, I apply Bayesian sequential behavioural designs, univariate EEG (ERP), and multivariate EEG (MVPA). I strive to conduct my science according to Open Science principles and am passionate about science communication and education.

EDUCATION & EMPLOYMENT

- Jan 2024 – present **Postdoctoral Researcher & Group Leader (Jacobs Foundation Research Fellow 2022-2024)**
Cognitive Aging lab, Center for the Interdisciplinary Study of Gerontology and Lifespan Research on Vulnerabilities (CIGEV), University of Geneva, Geneva, CH
Advisor: Prof. Matthias Kliegel
Resulting first-author publications:
1. [Turoman, N.](#), Walter, E., Motz, A., & Klatt, L. (In preparation). Presenting features audiovisually improves working memory for bindings.
- Aug 2022 – Nov 2022 **Consultant (part-time)**
Jacobs Foundation, Zürich, CH
- Oct 2020 – Dec 2023 **Postdoctoral Researcher & Jr. Group Leader (Jacobs Foundation Research Fellow 2022-2024)**
Working Memory, Cognition and Development lab, Faculty of Psychology and Educational Sciences, University of Geneva, Geneva, CH
Advisor: Prof. Evie Vergauwe
Resulting first-author publications:
1. [Turoman, N.](#), Langerock, N., & Vergauwe, E. (In preparation). Interfering with adults' and children's working memory maintenance: Does the sensory profile of distracting information matter?
2. [Turoman, N.](#), Walter, E., & Vergauwe, E. (Under review). Children's working memory is surprisingly robust to multisensory distraction. *Journal of Experimental Child Psychology*.
3. [Turoman, N.](#), Fiave, P.A., Zahnd, C., deBettencourt, M., & Vergauwe, E. (2024). Decoding the content of working memory in school-aged children. *Cortex*, 171, 136-152.
4. [Turoman, N.](#), Vergauwe, E. (2024). The effect of Multisensory distraction on working memory: A role for task relevance? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 50(8), 1220–1248.
5. [Turoman, N.](#), Heyard, R., Schwab, S., Furrer, E., Vergauwe, E., & Held, L. (2023). Constructing and implementing PRECHECK: A checklist to evaluate preprints on COVID-19 and beyond. *F1000Research*, 12, 588
6. [Turoman, N.](#), Hautekiet, C., Jeanneret, S., Valentini, B., & Langerock, N. (2022). Open and reproducible practices in developmental psychology research: The workflow of the WomCogDev lab as an example. *Infant and Child Development*, e2333, 1-17.
- Oct 2016 – Jun 2020 **PhD in Neuroscience (passed with best marks and minor corrections)**
Department of Radiology, University of Lausanne (Unil)/University Hospital Center (CHUV), and Institute of Information Systems, HES-SO Valais, CH
Supervisors: Dr Paul Matusz (direct supervisor) & Prof. Micah Murray (thesis director)
Resulting first-author publications:

1. **Turoman, N.**, Tivadar, R. I., Retsa, C., Murray, M. M., and Matusz, P. (2021). Towards understanding how we pay attention in naturalistic visual search settings. *NeuroImage*, 244, 118556.
2. **Turoman, N.**, Tivadar, R. I., Retsa, C., Maillard, A. M., Scerif, G., and Matusz, P. (2021). Uncovering the mechanisms of real-world attentional control over the course of primary education. *Mind, Brain, and Education*, 15(4), 344-353.
3. **Turoman, N.**, Tivadar, R. I., Retsa, C., Maillard, A. M., Scerif, G., and Matusz, P. (2021). The development of attentional control mechanisms in multisensory environments. *Developmental Cognitive Neuroscience*, 48, 100930.
4. **Turoman, N.**, Merkley, R., Scerif, G., and Matusz, P. (2017) How Do Kids and Grown-Ups Get Distracted in Everyday Situations? *Frontiers for Young Minds*, 5(8).

Oct 2015 – **MSc in Psychological Research (Upper second class = magna cum laude)**

Oct 2016 Department of Experimental Psychology, University of Oxford, UK

Supervisor: Prof. Charles Spence

Resulting first-author publication: **Turoman, N.**, Velasco, C., Chen, Y.-C., Huang, P.-C., & Spence, C. (2018). Symmetry and its role in the crossmodal correspondence between shape and taste. *Attention, Perception, & Psychophysics*, 80(3), 738-75

Nov 2014 – **Research Assistant**

Sept 2015 Brain, Language, and Intersensory Perception (BLIP) lab, College of Humanities and Social Sciences, Nanyang Technological University, SG

Supervisor: Prof. Suzy Styles

Resulting first-author publication: **Turoman, N.**, & Styles, S. J. (2017). Glyph guessing for 'oo' and 'ee': spatial frequency information in sound symbolic matching for ancient and unfamiliar scripts. *Royal Society Open Science*, 4(9), 170882.

Jan 2012 – **BSc (Hons) in Psychological Studies (First class = summa cum laude)**

Jul 2014 Cardiff Metropolitan University, Singapore branch

FUNDING

Jacobs Foundation Research Fellowship Program 2022-2024.

Jacobs Foundation, Zurich, CH. Grant number: 2021-1417-00. "Understanding learning through the effects of real-world distraction on developing memory" (CHF 150,000)

AWARDS AND CAREER DEVELOPMENT

- 2023 **Trainee Professional Development Award (TPDA)**. Society for Neuroscience, USA (free registration and 2,500 USD to offset travel costs)
- 2022 **Professional development workshop: Project management for successful researchers**. Ateliers REGARD, University of Fribourg, CH
- 2021 **Mentee position in the Mentoring network for women in French-speaking Switzerland [name translated from French]**. University of Fribourg, CH
- 2019 **Flux pre-conference workshop stipend**. Flux: The Society for Developmental Cognitive Neuroscience (funded by the Hope Lab and the Bezos Family Foundation; CHF 123)
- 2019 **Lemanic Neuroscience Travel Award**. University of Lausanne, CH (CHF 1,085)

PUBLICATIONS (* = co-first author)

Registered Reports

1. **Turoman, N.**, Vergauwe, E. (2024). The effect of Multisensory distraction on working memory: A role for task relevance? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 50(8), 1220–1248.
Preprint: <https://psyarxiv.com/fd9xh>
Preregistration: <https://osf.io/z6jw7>
Open data, and materials: <https://osf.io/y84ks/>

Peer-reviewed publications

2. **Turoman, N.**, Walter, E., & Vergauwe, E. (Under review). Children's working memory is surprisingly robust to multisensory distraction. *Journal of Experimental Child Psychology*.
Preprint: <https://psyarxiv.com/q8epg>
Open data, materials, and code: <https://osf.io/h8sp5/>

3. **Turoman, N.**, Fiave, P.A., Zahnd, C., deBettencourt, M., & Vergauwe, E. (2024). Decoding the content of working memory in school-aged children. *Cortex*, 171, 136-152.
Preprint: <https://www.biorxiv.org/content/10.1101/2023.02.10.527990v1.abstract>
Open data, materials, and code: <https://osf.io/jeh67/>
4. **Turoman, N.***, Heyard, R.*, Schwab, S., Furrer, E., Vergauwe, E., & Held, L. (2023). Constructing and implementing PRECHECK: A checklist to evaluate preprints on COVID-19 and beyond. *F1000Research*, 12, 588.
Preprint: <https://osf.io/preprints/metaarxiv/nb928/>
Open data, and materials: <https://osf.io/8k9ac/>
5. Tivadar, R. I., Arnold, R. C., **Turoman, N.**, Knebel, J. F., & Murray, M. M. (2022). Digital Haptics Improve Speed of Visual Search Performance in a Dual-Task Setting. *Scientific Reports*, 12, 9728.
6. **Turoman, N.**, Hautekiet, C., Jeanneret, S., Valentini, B., & Langerock, N. (2022). Open and reproducible practices in developmental psychology research: The workflow of the WomCogDev lab as an example. *Infant and Child Development*, e2333, 1-17.
Preprint: <https://psyarxiv.com/73bwu/>
7. **Turoman, N.**, Tivadar, R. I., Retsa, C., Murray, M. M., and Matusz, P. (2021). Towards understanding how we pay attention in naturalistic visual search settings. *NeuroImage*, 244, 118556.
Preprint: <https://www.biorxiv.org/content/10.1101/2020.07.30.229617v4>
8. **Turoman, N.**, Tivadar, R. I., Retsa, C., Maillard, A. M., Scerif, G., and Matusz, P. (2021). Uncovering the mechanisms of real-world attentional control over the course of primary education. *Mind, Brain, and Education*, 15(4), 344-353.
Preprint: <https://www.biorxiv.org/content/10.1101/2020.10.20.342758v2.abstract>
9. **Turoman, N.**, Tivadar, R. I., Retsa, C., Maillard, A. M., Scerif, G., and Matusz, P. (2021). The development of attentional control mechanisms in multisensory environments. *Developmental Cognitive Neuroscience*, 48, 100930.
Preprint: <https://www.biorxiv.org/content/10.1101/2020.06.23.166975v3.abstract>
10. Matusz, P., **Turoman, N.**, Tivadar, R., Retsa, C., and Murray, M.M. (2019). Brain and cognitive mechanisms of top-down attentional control in a multisensory world: Benefits of electrical neuroimaging. *Journal of Cognitive Neuroscience*, 31(3), 412-430.
11. Tivadar, R.I., Rouillard, T., Chappaz, C., Knebel, J.-F., **Turoman, N.**, Anafloos, F., Roche, J., Matusz, P., and Murray, M.M. (2019). Mental Rotation of Digitally-Rendered Haptic Objects. *Frontiers in Integrative Neuroscience*, 13, 7.
12. Tivadar, R.I., Retsa, C., **Turoman, N.**, Matusz, P.-J., and Murray, M.M. (2018). Sounds enhance visual completion processes. *Neuroimage*, 179, 480-488.
13. **Turoman, N.**, Velasco, C., Chen, Y.-C., Huang, P.-C., and Spence, C. (2018). Symmetry and its role in the crossmodal correspondence between shape and taste. *Attention, Perception, & Psychophysics*, 80(3), 738-751.
Open data, materials, and code: <https://osf.io/qn593/>
14. **Turoman, N.**, and Styles, S. J. (2017). Glyph guessing for 'oo' and 'ee': spatial frequency information in sound symbolic matching for ancient and unfamiliar scripts. *Royal Society Open Science*, 4(9), 170882.
Open materials: <https://osf.io/xufmd/>
15. **Turoman N.**, Merkley R, Scerif G and Matusz P (2017) How Do Kids and Grown-Ups Get Distracted in Everyday Situations? *Frontiers for Young Minds*. 5(8). 1-9.

Manuscripts in preparation

16. **Turoman, N.**, Langerock, N., & Vergauwe, E. (In preparation). Interfering with adults' and children's working memory maintenance: Does the sensory profile of distracting information matter?
17. **Turoman, N.**, Walter, E., Motz, A., & Klatt, L.-I. (In preparation). Presenting features audiovisually improves working memory for bindings.
Preregistration: <https://osf.io/bfpre>

18. Lampraki, C., Zuber, S., **Turoman, N.**, Joly-Burra, E., Mack, M., Laera, G., Scarampi, C., Rostekova, A., Kliegel, M., & Ihle, A. (In preparation). Loneliness and social isolation moderate the link between uncorrected hearing impairment and cognition in later life: Interindividual differences and intraindividual change.

INVITED TALKS

- | | |
|----------------------------|--|
| 27 th Feb, 2025 | Brainfood Peer Menotring. Zurich, Switzerland. "Multivariate EEG analyses of children's brainwaves: a case study" |
| 10 th Apr, 2024 | Center for Reproducible Science. Zurich, Switzerland. "Open and reproducible practices in developmental psychology research: The workflow of the WomCogDev lab as an example" |
| 12 th Mar, 2024 | W-MOVE (Working MemOry deVElopment lab). Fribourg, Switzerland. "Working memory representations of information of various sensory profiles." |
| 21 st Nov, 2023 | Bavelier lab. Geneva, Switzerland. "Multisensory distraction effects on working memory performance." |
| 30 th Nov, 2022 | Centre for the Interdisciplinary study of Gerontology and Vulnerability (CIGEV). Geneva, Switzerland. "Memory in a multisensory world." |
| 8 th Nov, 2022 | Leibniz Research Centre for Working Environment and Human Factors. Dortmund, Germany. "Attention and memory in a multisensory world" |
| 11 th Aug, 2021 | Peelle lab. St. Louis, MO, USA. "Do masks affect children's speech comprehension? A sneak peek of a grassroots study" |
| 24 th Feb, 2021 | Attention, Brain & Cognitive Development lab. Oxford, UK. "Uncovering the mechanisms of real-world attentional control over the course of primary education." |

PRESENTATIONS AT NATIONAL AND INTERNATIONAL MEETINGS

- **Turoman, N.**, Walter, E., Motz, A., Vergauwe, E. (2024, June). *The impact of distractor sensory features and overlap with target features on working memory performance: A multi-study investigation.* Poster at the International Working Memory Conference (ICWM) 2024, Leeds, UK
- Dotan, D., Shemesh, V., **Turoman, N.** (2024, April). *A nonverbal representation of multiplication-like arithmetic facts.* Poster at the Workshop on relations between space, language, and numbers, Tübingen, DE
- Walter, E., **Turoman, N.**, Vergauwe, E. (2024, January). *A Developmental Exploration of Multisensory Interference in Working Memory.* Poster at the annual meeting of the Swiss Society for Early Childhood Research (SSECR), St Gallen, CH
- **Turoman, N.**, Fiave, P.A., Zahnd, C., deBettencourt, M., Vergauwe, E. (2023, November). *Decoding children's working memory contents with EEG.* Poster at Neuroscience 2023 of the Society for Neuroscience (SfN), Washington, DC, USA
- **Turoman, N.**, Walter, E., Motz, A., Vergauwe, E. (2023, September). *Children's working memory is not more susceptible to distraction than adults' working memory.* Short talk at the European Society for Cognitive psychology (ESCP) 2023, Porto, PT
- **Turoman, N.**, Walter, E., Motz, A., Vergauwe, E. (2023, June). *Surprising new insights on the effects of multisensory distraction on developing working memory.* Poster at the International Multisensory Research Forum (IMRF) 2023, Brussels, BE
- **Turoman, N.**, Fiave, P.A., Zahnd, C., deBettencourt, M., Vergauwe, E. (2022, September). *Can we decode school-aged children's working memory contents? Our proof-of-concept study suggests so.* Poster at Flux Congress 2022, Paris, FR
- **Turoman, N.**, Tivadar, R., Retsa, C., Murray, M.M., Scerif, G., Matusz, P.J. (2019, November). *Educational outcomes depend both on visual and multisensory control of selective attention.* Short talk at the annual meeting of the Swiss Society for Early Childhood Research (SSECR), Lausanne, CH

- **Turoman, N.,** Tivadar, R., Retsa, C., Murray, M.M., Scerif, G., Matusz, P.J. (2019, October). *Educational outcomes depend both on visual and multisensory control of selective attention*. Poster at the Rovereto Attention Workshop, Rovereto, IT
- **Turoman, N.,** Tivadar, R., Retsa, C., Murray, M.M., Scerif, G., Matusz, P.J. (2019, September). *Educational outcomes depend both on visual and multisensory control of selective attention*. Poster at Flux Congress 2019, New York, NY, USA
- **Turoman, N.,** Tivadar, R., Retsa, C., Murray, M.M., Scerif, G., Matusz, P.J. (2019, April). *Educational outcomes depend both on visual and multisensory control of selective attention*. Poster at the 1st Annual Meeting of the NeuroLeman Network and Doctoral Schools 2019 (NLN'19), Les Diablerets, CH
- **Turoman, N.,** Tivadar, R., Retsa, C., Murray, M.M., Scerif, G., Matusz, P.J. (2018, September). *Multisensory control over developing visual selective attention and its role in educational outcomes*. Poster at the International Mind Brain and Education Society 2018 Conference, Los Angeles, CA, USA
- **Turoman, N.,** Tovar, D., Sterling, E., Tivadar, R., Murray M.M., Scerif, G., Matusz, P.J. (2018, September). *Taking attention back to school: Multisensory processes influence developing visual attention control*. Poster at the Lemanic Neuroscience Annual Meeting (LNAM) 2018, Les Diablerets, CH
- **Turoman, N.,** Tovar, D., Sterling, E., Tivadar, R., Murray M.M., Scerif, G., Matusz, P.J. (2018, September). *Taking attention back to school: Multisensory processes influence developing visual attention control*. Poster at the Flux Congress 2018, Berlin, DE
- **Turoman, N.,** Tivadar, R., Murray, M.M., Matusz, P.J. (2017, September). *Semantics in the multisensory brain: Insights from electrical neuroimaging*. Poster at the Lemanic Neuroscience Annual Meeting (LNAM) 2017, Les Diablerets, CH
- **Turoman, N.,** Tivadar, R., Murray, M.M., Matusz, P.J. (2017, May). *Semantics in the multisensory brain: Insights from electrical neuroimaging*. Poster at the International Multisensory Research Forum (IMRF) 2017, Nashville, TN, USA
- **Turoman, N.,** Spence, C. (2016, August). *Visual symmetry influences the cross-modal correspondence between visual shape and taste*. Poster at the European Conference of Visual Perception (ECPV) 2016, Barcelona, ES

TEACHING

LECTURES & WORKSHOPS

8 th Mar, 2024	Guest lecture “Scientific publications [slides in English, taught in French]” in: “The profession of and best practices in psychological research [title translated from French]”, <u>Master of Psychology</u> (around 30 students per semester), University of Geneva, CH
14 th Mar, 2023; 22 nd Mar, 2022; 16 th Mar, 2021	Guest lecture “Chapter 3: The development of attention [title translated from French]” in: “The cognitive development of the child [title translated from French]”, <u>Bachelor of Psychology</u> (around 200 students per semester), University of Geneva, CH
31 st May, 2022	Workshop (lecture and practical), “How to prevent misinformation with PRECHECK: A checklist to evaluate preprints on COVID-19 and beyond” , at: “Fact checking for science journalists—how to make sure the story is true”, Swiss National Science Foundation (around 30 participants), CH
9 th May, 2022	Guest lecture and practical, “Preprints and peer-review” in: “Scientific skills and knowledge in psychology [title translated from French]”, <u>Bachelor of Psychology</u> (around 200 students), University of Geneva, CH
13 th Oct, 2021	Workshop (lecture and practical), “Experimental paradigms made simple (and online) with Psychopy Builder and Pavlovia” , University of Zurich (around 20 participants), CH
3 rd May, 2021	Guest lecture and practical, “Preprints and peer-review: a deep dive” in: “Scientific skills and knowledge in psychology [title translated from French]”, <u>Bachelor of Psychology</u> (around 200 students), University of Geneva, CH

COURSE ADMINISTRATION

Jan 2024 - present	Teaching assistant on <u>Bachelor of Psychology</u> course: "The Psychology of Cognitive Aging" [title translated from French], University of Geneva, CH <i>Responsibilities:</i> informing students on course requirements, ad-hoc handling of student queries, creating exams, preparing, administrating, and invigilating exams, assigning grades based on performance in assignments and exam
June 2022	Grading assistant on <u>Bachelor of Psychology</u> course: "Numerical activities and their development" [title translated from French], University of Geneva, CH <i>Responsibilities:</i> assigning grades based on performance in exam
Jan 2022 – Dec 2023	Exam assistant on <u>Bachelor of Psychology</u> course: "Introduction to developmental cognitive psychology" [title translated from French], University of Geneva, CH <i>Responsibilities:</i> administrating and invigilating exam
Feb 2021 – Dec 2023	Teaching assistant on <u>Bachelor of Psychology</u> course: "The cognitive development of the child" [title translated from French], University of Geneva, CH (evaluation result: 3.79 out of 4) <i>Responsibilities:</i> informing students on course requirements, ad-hoc handling of student queries, giving guest lecture, assistance during practical lessons, creating exam questions database, preparing, administrating, and invigilating exam, assigning grades based on performance in assignments and exam
Oct 2020 – Oct 2023	Grading assistant on <u>Bachelor of Psychology</u> course: "From theories in cognitive developmental psychology to practice" [title translated from French], University of Geneva, CH <i>Responsibilities:</i> assigning grades based on performance in assignments

AD-HOC TRAINING

Apr 2022 – Dec 2022	EEG with Biosemi , for WomCogDev lab members, University of Geneva, CH
Oct 2016 – Jun 2020	EEG lab use , for researchers and clinicians, Lausanne University Hospital (CHUV), CH

SERVICE

SERVICE TO RESEARCH COMMUNITY

Feb 2024 – present	Originator and core group member of the Multisensory Working Memory (MSWM) discussion group , online: https://noraplethora.github.io/MSWM/
--------------------	--

INSTITUTIONAL RESPONSIBILITIES

Jan 2024 – present	CIGEV secretary in charge of research assistant hiring, contract prolongations, tracking work hours, and offboarding , University of Geneva, CH
Oct 2023 – present	Treasurer for the Association of Teaching and Research Staff in Psychology (ACERP) [title translated from French], University of Geneva, CH
May 2023 – present	Substitute representative of research and teaching staff in the Training and Curriculum Evaluation Committee (COMEVAL) [name translated from French], University of Geneva, CH
Apr 2023	Organised ad-hoc colloquium as part of the Master seminar in Cognitive and Developmental Psychology [title translated from French]; Speaker: Laura-Isabelle Klatt, University of Geneva, CH
Oct 2022 – Oct 2023	Auditor for The Association of Teaching and Research Staff in Psychology (ACERP) [title translated from French], University of Geneva, CH
May 2022	Internal jury member (representing research and teaching staff) on hiring committee for Andreas Ihle, candidate for Assistant Professor in Psychology of Lifespan Development , University of Geneva, CH: "Development of reserves and vulnerability: an interdisciplinary

SUPERVISION

Master students

- Nov 2022 – **Alyssia Kursner** – Master student in Psychology (co-supervision), University of Geneva, CH
Jun 2023 **Audrey Barberot** – Master student in Psychology (co-supervision), University of Geneva, CH
Brunella Terrapon – Master student in Psychology (co-supervision), University of Geneva, CH
- Oct 2021 – **Danja Conconi** – Master student in Psychology (co-supervision), University of Zurich, CH
Jun 2022 **Franziska Hürlimann** – Master student in Psychology (co-supervision), University of Zurich, CH

Research assistants

- Feb 2022 – **Anae Motz** – research project student (Until June 2022), Research Assistant (Sep 2022 – Dec 2024),
Dec 2024 University of Geneva, CH
- Sep 2021 – **Elodie Walter** – intern (until Dec 2021), Research Assistant (Feb 2022 – June 2024), University of
Jun 2024 Geneva, CH
- Sep 2022 – **Kishen Senziani** – University of Geneva, CH
Jun 2023
- Sep 2021 – **Clélia Zahnd** – University of Geneva, CH
Jun 2022

THESIS JURIES (NOT UNDER DIRECT SUPERVISION)

June 2022

- **External jury member for Margaux Rollet, candidate for the Master of Psychology**, University of Geneva, CH: “Multitasking: Is it done differently for children than for adults?” [title translated from French]
- **External jury member for Sarah Da Costa Arezes, candidate for the Master of Psychology**, University of Geneva, CH: “Multitasking: Is it done differently for children than for adults” [title translated from French]
- **External jury member for Michelle Nicole Santos Quintanilla, candidate for the Master of Psychology**, University of Geneva, CH: “Multitasking: Is it done differently for children than for adults?” [title translated from French]

September 2021

- **External jury member for Mégane Marguerat, candidate for the Master of Psychology**, University of Geneva, CH: “Does the recall performance of 6-11-year-olds benefit from attentional refreshment when its use is imposed?” [title translated from French]
- **External jury member for Nada Abou el Maati, candidate for the Master of Psychology**, University of Geneva, CH: “Imposed attentional refreshment in 6-7- and 10-11-year-olds” [title translated from French]

PROFESSIONAL MEMBERSHIP

- 2023 – ongoing **The Psychonomic society**; Member
- 2023 – ongoing **The European society for cognitive psychology (ESCP)**; Full member
- 2021 – ongoing **UniGe local node of the Swiss Reproducibility Network**; Regular member
- 2020 – ongoing **The Association of Teaching and Research Staff in Psychology (ACERP)** [title translated from French]; Regular member Oct 2020 – Oct 2022, Auditor: Oct 2022 – Oct 2023, Treasurer: Oct 2023 – present

REVIEWING ACTIVITY

Peer-reviewed journals

- Acta Psychologica
- Scientific Reports
- Journal of Experimental Psychology: Learning, Memory, and Cognition
- Advances in Cognitive psychology
- Developmental Psychology
- Frontiers in Psychology

- Multisensory Research
- Psychological Research
- Wiley Interdisciplinary Reviews: Cognitive Science
- NeuroImage
- Developmental Science
- PLOS one

Funding agencies

- Swiss National Science Foundation (SNSF)

MEDIA COVERAGE

- Turoman et al. (2023), *F1000Research*: [DER SPIEGEL](#)
- Turoman & Styles (2017), *R. Soc. Open Sci.*: [London Times](#) • [The Conversation](#) • [Vice](#) • [Focus](#)

SCIENCE COMMUNICATION AND EDUCATION

25 th Jan, 2025	CatCave9 Show, The Catalyst: A Science Entertainment Collective, Lausanne, Switzerland Gave a 5-minute layperson-friendly talk on working memory and my work related to working memory. A team of improvisers used the talk as inspiration for a comedy skit.
3 rd Oct, 2024	Jacobs Foundation's Blog on Learning and Development (BOLD) Interview entitled ' The cognitive psychologist linking sensory perception and children's learning '.
21 st Oct, 2021	Educational event for teachers at the Sécheron secondary school, Geneva, Switzerland Held a lecture and interactive workshop for secondary school teachers on how working memory disorders manifest in the classroom, and how to support children with such problems as part of the educational event entitled "My student is not learning: Neurodevelopmental disorders and learning" [title translated from French].
Apr 2021 – Jul 2022	PRECHECK: A checklist to evaluate COVID-19 preprints Created a teaching tool in the form of a checklist to help scientifically literate non-specialists critically evaluate preprints. Prepared and taught classes for psychology students and journalists at the University of Geneva on scientific publishing and preprints.
23 rd – 26 th May, 2019	Mysteres de l'Unil, University of Lausanne, Lausanne, Switzerland Presented interactive workshop: 'Visual Problems: See the World Through Their Eyes' including a dyslexia simulation task (4 days, approx. 140 children – one of the most popular exhibits)
15 th May, 2019	Jacobs Foundation's Blog on Learning and Development (BOLD) Blog post entitled ' How to bridge the gap between families and the science of learning '.
17 th – 18 th Nov, 2018 4 th – 5 th Nov, 2017	L'Hôpital des Nounours, CHUV, Lausanne, Switzerland Informing participating families on research work (my own, and in the field of developmental cognitive neuroscience) and recruiting interested families for ongoing research
March – May, 2017	Frontiers for Young Minds: Understanding Neuroscience <u>Author on:</u> Turoman N, Merkley R, Scerif G and Matusz P (2017) How Do Kids and Grown-Ups Get Distracted in Everyday Situations? <i>Frontiers for Young Minds</i> . 5(8). doi: 10.3389/frym.2017.00008 <u>Science mentor/reviewer on:</u> Myers T (2017) Getting Out of the Laboratory to Make Experiments Real: Can Sports Fans Influence Muay Thai Judges? <i>Frontiers for Young Minds</i> . 5(13).
17 th – 19 th Nov, 2015	Food Matters Live, ExCel, London, UK Exhibiting experimental research as part of the Food Sensorium Attraction
18 th – 23 rd Aug, 2015	Soundislands Festival (SI15), Nanyang Technological University and ArtScience Museum, Singapore

Interactive live demonstration of [previous research work](#)

OTHER

April 2024

Participation in a focus group for Research output and scientific reporting, Swiss National Science Foundation (SNSF), CH