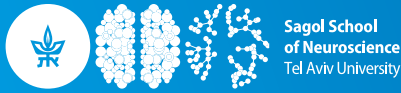


Call for Applications:

The Minducate Science of Learning and Innovation Center Scholarships



About the Minducate Center

The [Minducate Science of Learning and Innovation Center](#) is a joint endeavor of the [Sagol School of Neuroscience](#) and [TAU-Online](#) Innovative Learning Center at Tel Aviv University. The Minducate center gathers top multidisciplinary researchers aiming to develop cutting-edge tools and solutions for understanding and enhancing human learning and revolutionizing the education system. The Minducate center is generously supported by the Dr. Kathy Fields-Rayant and Dr. Garry Rayant Minducate Learning Innovation Research Fund and the Walanpatrias Foundation.

Call for Applicants – 4th Cohort – 2020/2021 academic year

Outstanding young researchers (Ph.D., Post-Doc and Fellows after completing a Ph.D. degree) may apply for the Minducate science of learning scholarship for the academic year 2020/2021. Researchers from all disciplines are encouraged to offer proposals demonstrating excellent research and solutions, that would highly impact our understanding of learning processes and/or current teaching and learning environments.

Research Fields in Focus

Track 1:

- Learning enhancement and monitoring tools
- Data based learning, AI, machine learning and big data approaches in learning
- Neuro-intervention in learning
- Models, platforms and learning environments for hybrid learning in higher education
- Digital tools for online and collaborative learning
- Personalized learning
- Learning enhancement and rehabilitation in populations with special needs
- Population learning process variation

Track 2:

- Neurophysiological mechanisms of learning
- Learning and memory pathways/signaling
- Brain plasticity in learning (normal and pathology)
- Short/long term memory formation and modulation
- Learning and memory impairment (pathology and aging)

Scope of Support

Each applicant is eligible to receive funding as follows:

- **Ph.D. students** – between 50% to 125% *, calculated from a full (100%) Ph.D. scholarship.
- **Post-Doc** – between 50% to 125% *, calculated from a full (100%) Post-Doc scholarship**.
- **Fellows after completing a Ph.D. degree** – between 50% to 125% *, calculated from a full (100%) Post-Doc scholarship.

In addition, each applicant may ask for running cost funding as follows:

- Up to 20,000 NIS which will be allocated to the lab budget for the Minducate project and NOT to the Minducate fellow.
- Support is approved for the course of 1 year (12 months), but is subjected to sufficient research progress and a progress report submission after 6 months. After 1 year an additional 1-year support may be approved, pending progress.

*Final budget and number of fellowships are decided by a scientific committee and are subjected to final approval by Tel Aviv University.

** For Post-Doc fellows ONLY: if the approved Minducate scholarship is less than 100%, the PI is obligated to supplement the Post-Doc fellow with additional scholarship up to a minimum of 100%, according to TAU guidelines.

Important Dates

Application deadline: **3.8.2020**

Selected projects announcement: **End of September 2020**

Beginning of projects' funding: **October 2020**

Please send your applications to: michalshev@tauex.tau.ac.il

Scientific Committee Criteria for Selection:

- High research quality of the project
- Excellent track record and leadership skills of the Minducate fellow
- Innovation and impact potential on the field of Science of Learning

Before applying please carefully read the frequently asked questions section:

Frequently Asked Questions:

Q: I am a Master student/have a Master degree. May I still apply?

A: In order to receive the Minducate scholarship, you must be enrolled and formally accepted to TAU as a Ph.D. student or have a Ph.D. degree by 1.10.2020. You must also be accepted by a principal investigator (PI) that would mentor you prior to applying.

Q: What does applying as a fellow mean?

A: You may be accepted to the Minducate center as a fellow instead of a Post-Doc. You must have a Ph.D. degree in order to apply as a fellow. This option is subjected to finding a PI and a lab in TAU where you will conduct your research prior to applying. Please contact michalshev@tauex.tau.ac.il if you need any assistance finding a PI.

Q: What will be expected of me in order to continue receiving the Minducate support throughout the year?

A: The Minducate fellows are required to participate in all Minducate activities (events, seminars, conferences, courses etc.) in order to continue receiving the scholarship. You are also expected to submit progress reports every 6 months that may influence funding continuity. You must acknowledge the Minducate center's support in all conferences, papers, posters, talks etc. where you present your research.

Q: What is the minimal amount of time I am expected to spend on the Minducate project?

A: Minducate fellows must dedicate at least 50% of their research time to the Minducate project. The PI must specify the amount of time that will be devoted to the Minducate project by the applicant in the recommendation letter.

Q: Is the Minducate scholarship given for 1 year?

A: Support is approved for the course of 1 year, but is subjected to sufficient research progress and a progress report submission after 6 months. After 1 year an additional 1-year support may be approved, pending progress.

Q: I have not yet been formally accepted to TAU for the academic year of 2020/2021, may I still apply?

A: In order to apply you must complete your formal acceptance to TAU by 1.10.2020. You must also be accepted to conduct your research by a TAU affiliated PI prior to applying.

Q: I have a cutting-edge project – but I still don't have a PI at this point. May I apply?

A: Please approach Dr. Michal Shevach: michalshev@tauex.tau.ac.il and she will assist pairing students and PIs. Note that in order to receive the Minducate scholarship, you must be formally accepted to TAU and find a TAU PI by 1.10.2020.

Q: I am a PI with a great project in mind - but I still don't have a student at this point. May I apply?

A: We are happy to assist pairing students and PIs. To actually receive the Minducate scholarship, you must have a student formally accepted to TAU by 1.10.2020. Please contact michalshev@tauex.tau.ac.il for more details.

Q: Who will decide on the winners and given scholarship percentage?

A: A dedicated scientific committee composed of experts from academia and the relevant industry will select which projects are to be supported and to what extent. Please see criteria for the selection above.

Q: When will the Minducate scholars begin to receive the scholarship?

A: The Minducate scholarship will begin in October 2020.

Q: I am also receiving another scholarship from a different fund. Will I receive the full amount of the Minducate scholarship?

A: The Minducate scholarship will be provided as stated above. Deductions may be applied according to TAU guidelines and may be subjected to your PI's decision. It is your responsibility to understand these deductions in full prior to application.

Please contact yuliaagr@tauex.tau.ac.il for any additional questions on this matter.

Q: I am also working/receiving funds from other organizations. Will I receive the full amount of the Minducate scholarship?

A: The Minducate scholarship will be provided as stated above. Any deductions, such as taxes, are applied according to the Israeli law and TAU guidelines. It is your responsibility to understand these deductions in full prior to application. Please contact yuliaagr@tauex.tau.ac.il for any additional questions on this matter.

Q: I have already received Minducate funds in the past. May I apply again?

A: The Minducate scholarship is provided for up to 2 consecutive years, as stated above. You may apply for additional support if at least a year has passed since you last received the Minducate support. Please apply with a new project.