

## Call for Applications:

# The Minducate Science of Learning and Innovation Center Scholarships



Sagol School  
of Neuroscience  
Tel Aviv University

**Minducate**  
Science of Learning Research and Innovation Center

## About the Minducate Center

The [MINDUCATE](#) Science of Learning and Innovation Center supports multidisciplinary research aiming to develop cutting-edge tools and solutions for understanding and enhancing human learning and revolutionizing the education system.

## Call for Applicants – 5th Cohort – 2021/2022 academic year

Outstanding young researchers from all disciplines are encouraged to apply for the Minducate Science of Learning and Innovation scholarship for the academic year 2021/2022 \*. We seek proposals demonstrating excellent research, 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)

# Criteria for Selection:

- High research quality of the project
- Expected impact in the field
- Excellent track record and leadership skills of the Minducate fellow
- A clear applicable potential in the field of science of learning, preferably that could be applied in higher education (applicable for track 1)

## Eligibility and Scope of Support

### The Minducate Center offers 3 fellowship tracks:

#### Ph.D. track:

1. The applicant must be enrolled and formally accepted to TAU as a Ph.D. student prior to 30.09.2021. Please see [here](#) for further information.
2. The applicant is eligible to receive funding between 50% to 125% monthly scholarship.
3. In the case the approved scholarship is less than 100%, the principle investigator (PI) is obligated to complement the funding with additional scholarship up to a minimum of 100%.

#### Post-Doc track:

1. The applicant must be enrolled and formally accepted to TAU as a Post-Doc prior to 30.09.2021. Please see [here](#) for additional information.
2. Not more than 5 years have passed since applicant's Ph.D. approval.
3. The applicant is eligible to receive funding between 50% to 125% monthly scholarship.
4. In case the approved scholarship is less than 100%, the PI is obligated to complement the funding with additional scholarship up to a minimum of 100% for Israeli candidates, and up to a minimum of 150% for non-Israeli candidates.

#### Fellowship track:

1. The applicant with a Ph.D./M.D. degree may be accepted to the Minducate Center as a fellow instead as a Post-Doc.
2. This option is subjected to finding a PI and joining a research lab affiliated to TAU. We are happy to assist you in finding a PI, please contact: [michalshev@tauex.tau.ac.il](mailto:michalshev@tauex.tau.ac.il) for more details.
3. The applicant is eligible to receive funding between 75% to 150% (100% funding is equivalent to approximately 68,000 NIS per year).
4. In case the approved funding is less than 100%, the PI is obligated to complement the funding up to a minimum of 100%.
5. Deductions are applied according to the Israeli and TAU guidelines. Please contact [yuliaagr@tauex.tau.ac.il](mailto:yuliaagr@tauex.tau.ac.il) for more details.

#### Additional Funding

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 directly.

\* Support is approved for the course of 1 year (12 months), and 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.

## Important Dates

Application deadline: **1.8.2021**

Selected projects announcement: **End of September 2021**

Beginning of projects' funding: **October 2021**

**Please send your applications to:** [michalshev@tauex.tau.ac.il](mailto:michalshev@tauex.tau.ac.il)

**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 30.09.2021. You must also be accepted by a 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./M.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](mailto: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 2021/2022, may I still apply?

**A:** In order to apply you must complete your formal acceptance to TAU by 30.09.2021. 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](mailto:michalshev@tauex.tau.ac.il) if you need assistance finding a PI. Note that in order to receive the Minducate scholarship, you must be formally accepted to TAU and find a TAU PI by 30.09.2021.

**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. Please contact [michalshev@tauex.tau.ac.il](mailto: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 2021.

**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 of other scholarships may be applied according to TAU guidelines and are 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](mailto:yuliaagr@tauex.tau.ac.il) for more information.

**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 and TAU guidelines. It is your responsibility to understand these deductions in full prior to application. Please contact [yuliaagr@tauex.tau.ac.il](mailto:yuliaagr@tauex.tau.ac.il) for details.

**Q:** I have already received Minducate support 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.