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[Home](#) > John Von Neumann Distinguished Award in STEM

John Von Neumann Distinguished Award in STEM

Award Autogenerated Code

10324-HU

Region

Europe and Eurasia

Country

Hungary

Award Type

Fullbright Distinguished Scholar Award

Number of Recipients

Up To 2

Award Allowances

Stipend \$5,500 per month.

Appr. USD 670 (HUF 200,000) per month as a contribution towards housing costs unless housing is provided by host. The USD amount is subject to small change due to currency fluctuations.

Allowance of \$100 per month for one dependent and \$200 per month for two or more dependents who accompany the grantee for at least 80 percent of the grant period.

Estimated Travel and Relocation Allowance for Grantee

Reimbursement of round-trip airfare for grantees up to \$2,000.

Dependent travel of \$500 for one dependent and \$1,000 for two or more dependents. Dependents must accompany the grantee for at least 80 percent of the grant period.

Candidate Profile

Distinguished Chair

Activity Type

Research

Teaching/Research

Application Deadline

Closed

Award Activity

The senior scholar selected for this grant is expected to conduct cutting-edge STEM research preferably at one of Hungary's high priority research facilities or universities (see preferred locations below). Additional teaching and outreach activities at other Hungarian institutions are also possible.

Award Length and Period

Nine months or four months

Grants must begin in either September 2022 or February 2023.

Flex grants must be conducted between July 2022 and August 2024.

Locations Text

The Ministry of Innovation and Technology is sponsoring this award to attract U.S. scholars to several high-priority research facilities in Hungary, all of which have strong university affiliations. These priority areas include, but are not limited to: autonomous (self-driving) vehicles, artificial intelligence (AI), 5G networks, molecular biology, physics and material science etc.

These institutions are:

- [ELI-ALPS Institute](#) ^[1] in Szeged: Extreme Light Infrastructure research center funded by the European Union for attosecond projects. ELI is connected to the particle and x-ray center in Prague and the photonuclear center in Bucharest, Romania. Hungarian university researchers and their departments have access to ELI.
- [ZalaZONE Test Track](#) ^[2] in Zalaegerszeg, whose mission is to: “Establish a full-range validation facility for the vehicles and communication technologies of the future enabling multi-level testing opportunities from prototype tests till serial products development.” ZalaZONE is affiliated with three Hungarian universities.
- [Biological Research Centre](#) ^[3], Szeged, affiliated with the University of Szeged, is a European Union Centre of Excellence, focuses on: biophysics, biochemistry, genetics, plant biology.

While U.S. scholars are free to associate with any university in Hungary, the following departments have direct relationships with the priority institutes listed above and have strong ties to the Fulbright Commission in Hungary:

- [Vehicle Industry Research Centre, Széchenyi István University, Győr](#) ^[4]
- [Department of Transportation and Vehicle System Control, Budapest University of Technology and Economics](#) ^[5]
- [Department of Telecommunications and Media Informatics, Budapest University of Technology and Economics](#) ^[6]
- [Research Group on Artificial Intelligence, University of Szeged and Hungarian Academy of Science](#) ^[7]
- [Department of Atomic Physics, ELTE Institute of Physics, Eötvös Lóránd University, Budapest](#) ^[8]

Scholars, of course, may seek affiliation with any accredited research facility and university not on the above list.

Flex Option

Yes

Flex Description

Flex grants of two or three months per segment spread over two consecutive years are possible with prior arrangement with host institution. Final approval of Flex grants will be contingent upon available funding.

Discipline Type

Only projects in the following disciplines will be considered

Disciplines

Astronomy
 Biology
 Chemistry
 Computer Science
 Engineering
 Geology
 Information Sciences/Systems
 Materials Sciences
 Mathematics
 Medical Sciences
 Neuroscience
 Physics

Areas of Interest

Science, Technology, Engineering and Mathematics (STEM)

Special Features

Assistance with finding housing will be provided. Outreach and guest lecture opportunities at other higher education and research institutions will be arranged.

Degree Requirements

Ph.D. (or other terminal degree) required

Additional Language Requirement

Research and teaching will be conducted in English; additional language proficiency is not required.

Invitation Requirement

A letter of invitation is required.

Additional Comments

For further information please contact the Fulbright Commission, Dr. Károly Jókay, Executive Director ajokay@fulbright.hu ^[9], and/or the head of the institution of your area of expertise.

Contacts and Helpful Links

[ELI-ALPS Laser Research Center](#) ^[1]

[Zala ZONE Vehicle Test Track](#) ^[2]

[Biological Research Centre](#) ^[3], Szeged

[Hungarian Academy of Science-University of Szeged](#) ^[7], Research Group on Artificial Intelligence

[Budapest University of Engineering and Economics, Department of Telecommunications and Media Informatics](#) ^[10] (5G network research)

[Budapest University of Engineering and Economics, Faculty of Transportation and Vehicle Engineering](#) ^[11]

[ELTE Institute of Physics](#) ^[12]

Multi-Country/Area Award

No

Award Length Filter

Flex

Three to six months

Seven to 10 months

Award Code

12613-HU

AddThis

Award Year

[2022-2023 Awards](#) ^[13]

Language Proficiency Requirements

None, English is sufficient.

Career Profile

Mid-Career Academics

Senior Academics

Scholars selected for this award will be required to:

- Conduct a research project of the applicant's choosing

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Links

[1] <https://www.eli-alps.hu/>

[2] <https://zalazone.hu/en/>

[3] http://www.brc.hu/index.php?change_lang=en

[4] <https://jkk.sze.hu/main>

[5] <http://www.kjit.bme.hu/index.php?lang=en>

[6] <https://www.tmit.bme.hu/?language=en>

[7] <https://rgai.inf.u-szeged.hu/>

[8] <https://physics.elte.hu/AtomicPhysics>

[9] <http://jokay@fulbright.hu>

[10] <http://www.tmit.bme.hu/?language=en>

[11] <https://transportation.bme.hu/>

[12] <https://physics.elte.hu/en/#>

[13] <https://awards.cies.org/award-years/2022-2023-awards>