Call for Expression of Interest: Ukrainian Research Trainee for the Autonomous Adaptive Soundscape Project

The UAlberta Department of Music and The Canadian Centre for Ethnomusicology (CCE) are looking to recruit a Ukrainian Research Trainee for their Autonomous Adaptive Soundscape project (ualberta.ca) that positions itself at the intersection of Critical Care, Machine Learning, and Sound Studies/Ethnomusicology. The project intends to generate personalized therapeutic soundscapes, designed using machine learning and autonomic biofeedback, to reduce stress in critically ill patients.

The project is funded by Canada’s New Frontiers in Research Fund, the Alberta Machine Intelligence Institute, and a UofA Office of VP Research Pilot Seed Grant and, jointly with Tri-Council and DUSS UAlberta - Disrupted Ukrainian Scholars and Students Initiative, is seeking to support a displaced Ukrainian master’s, doctoral, or postdoctoral level applicant through the NFRF Exploration Grant.

Available Funding:

- Master’s level: up to $20,000
- Doctoral level: up to $25,000
- Postdoctoral level: up to $45,000

Qualifications:

A successful candidate must have a solid academic background in any/all of the following research areas:

- computer science, AI, machine learning
- medicine, nursing, critical care
- music composition, sound art, audio engineering, medical ethnomusicology
- digital humanities

Conditions:

- the trainee will participate in research activities associated with the direct costs of the NFRF Exploration Grant
- the trainee is directly impacted (*) by the crisis in Ukraine
- the trainee is not benefitting from other tri-agency funds for the same purpose
- the trainee’s support would end or not be possible if the requested funds were not granted

(*) Direct impact is defined as:
  - a trainee who is currently in Canada and was expected to return to Ukraine in 2022 but cannot because of the current crisis; or
  - a trainee who cannot continue their planned course of studies or research in Ukraine because of the crisis and is now in Canada
To apply:

Please send your resume (two-page maximum) along with your cover letter to duss@ualberta.ca. This opportunity will remain open until filled; applications will be reviewed weekly.

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to further diversification of ideas at the University to apply.