

Brief Bio: Professor Irma Khachidze

Irma Khachidze is the main research scientist at the Beritashvili Centre of Experimental Biomedicine and professor at the Caucasus University, Tbilisi, Georgia. Khachidze graduated from I. Javakxishvili Tbilisi State University, and then she completed PhD studies in the field of Neuroscience in 2010.

Irma has got experience both in clinical studies and basic science. She study EEG pattern in patients with epilepsy and work to reveal EEG biomarkers in children with attention deficit hyperactivity disorder (ADHD) in clinical/research settings. Khachidze has investigated EEG biomarkers to develop criteria for more adequate assessment of the degree of brain dysfunction in humans.

Khachidze has received awards from numerous International organizations such as: IBRO (International Brain Research Organization), FENS, EBBS(European Brain and Behavior Society), ILAE(International League Against Epilepsy), SPR (Society for Psychophysiological Research) WFN (WORLD FEDERATION OF NEUROLOGY), American Physiological Society Awards, CRDF, ECNP and etc.

In addition Khachidze has enlarged international partnership as joining new research applications and projects in the different international research and training grants; as a ERASMUS, Swedish Research Council, EaPEC -Eastern Partnership by EU and etc. Khachidze has more than 50 peer reviewed publications and delivered presentations at local and international conference

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Such Eprogrammes

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I have experience both in clinical studies and basic science, but I would now like to learn new techniques and broaden

my knowledge base in Neuroscience/ Neuroinformatics, Neurogenomics/ Brain research. I am highly motivated to

extend my experience and skills and have attended many different international meetings held world-wide, such as

congresses, advanced trainings, conferences, and courses. I have received many awards from different organizations; for example, recently my presentation at the 4th World Congress on CONy, contributed to the overall success of the Congress and by decision of WFN, the information about my work was published in the February Issue, 2011. My research work is closely connected to the programs of course, this opportunity help me implement new experience and skills in future, will increase my competence as useful member of our Centre/ University. Especially, that we are currently planning to establish a laboratory, are trying to enlarge international scientific contacts, promote close cooperation with students/colleagues. Participating at the NCF Short Course on Neuroinformatics, Neurogenomics and Brain Disease, 14-20 September 2013, will beneficial for me to make new collaborations with other researcher from across the world, which I provide in my practical activity and shared with my colleagues and students.

Unfortunately, My Center and Georgian Scientific Organizations do not have funds to cover my participation. I am not able to pay all expenses by myself, and without additional financial support I will not be able to attend the school. I am sure my participating at would be of great contribution to our further success in the neuroscience field and greatly assist to the integration of Georgian scientists(especially women) in world scientific/academic space.

As a researcher at the Beritashvili Centre and Tbilisi Medical centre, I have experience both in clinical studies and basic science, but I would now like to learn new teaching techniques and broaden my knowledge base in Neuroscience/ Brain/ Physiology research and education. CrawFly is ideal for this because it incorporates invertebrate animal models and inexpensive techniques that are not currently used anywhere here. As a researcher who works with children suffering from epilepsy, I will especially benefit from learning how to use *Drosophila* models of epilepsy in neurophysiology education and community outreach. Finally, this workshop is an extremely important opportunity for me to enhance my knowledge of English right before I teach physiology course in English at University of Georgia. I hope this opportunity will increase my competence as a useful member of our Centre and University.

Irma's track record as a scientist/teacher as well as her determination to reach out and make contact with scientists beyond her home country really impressed me. The course material also appears to represent new approaches not currently used in Georgia. Furthermore, Irma has recently won a lectureship and has been invited to teach a physiology course in English at the University of Georgia (Tbilisi) this fall I apply for a Teaching Career Enhancement Award (TCEA) because I want to attend the 2013 CrawFly course Attending CrawFly will complement and extend my experience as scientist/educator. In addition, the course will give me a great opportunity to enhance my English skills as a physiology teacher. I will disseminate knowledge gained during Cornell visit in my home country (Georgia) by presentations in an upcoming course, a career development training and website. I have already. we are-planning to establish a neurophysiologycal and psychophysiologycal teaching laboratory at Georgia University, and are trying to establish international scientific contacts, provide research basis and promote close cooperation with students. Training of students in such a laboratory will help students implement new experience and skills in future research/teaching activity. Unfortunately it is difficult to purchase and adopt expensive modern equipment, software, and research techniques from the rest of the world. Currently, invertebrate model organisms are rarely used in Georgia to teach physiology. In addition, Georgian students cannot get a high enough level of English instruction from University to help them read and prepare scientific materials in English. This is because there is lack of Georgian lecturers/academic personal who are competent to teach in English. . I will also use the course and interactions with fellow students as a way to improve my abilities to teach physiology in English. I will learn new materials/techniques at CrawFly, then share that knowledge with my students and colleagues. I have been invited to teach a Human physiology course in English at University of Georgia in fall of 2013. I will also organize a training session at Georgia University and Centre for scientific/academic staff and students to improve listening and speaking/teaching skills in English. Training will focus on receiving scientific/teaching knowledge, identifying and efficiently reading/presenting relevant scientific texts/lecture (all in English), and learning career-specific English needed for international scientific communications. Interactions with instructors and students at CrawFly will shape content of my upcoming neurophysiology course and career development training sessions. As part

of these efforts, I will also create a website in Georgian and English with content from CrawFly to help other educators in Georgia outside my university.

As I president of Georgian Society for Psychophysiological Research I confirm that website outreach will be part of society activity.

Taking part at the CrawFly Training Course would be extremely important not only for me, but also for my students as it is explicitly designed to help inexpensively implement cutting-edge research in teaching labs. Participating at the 2013 CrawFly educator workshop will be beneficial for me to make new collaborations with other researcher from across the world which I will implement in my practical activity and share with my students and colleagues through my upcoming course, a career development /training session and a website. As a result, I am sure my visit at the course would be of great contribution to our further success in the neuroscience field and greatly assist to the integration of Georgian scientists/ lecturers (especially women) in world scientific/academic space.

I would like to express my gratitude to EaP and GRENA (especially Ramaz Kvatadze) giving opportunity to use computer networking resources to promote international research that enlarge my knowledge and experience. In my case, to build on the existing collaboration for sharing data with international partners for finding EEG biomarkers that helps to develop criteria for more adequate assessment of the degree of brain dysfunction;

Such EU programmes promotes the benefits of computer network resources to researchers, provide wide opportunity and raise awareness on the field of education, science, infrastructures, services and culture. Additionally, taking part in EaP greatly assist in the integration of Georgian scientists (especially women) within the EU scientific/academic space. International exchanges will also help us in joining new research applications, for example in the framework of Horizon 2020, and strengthening our international scientific publishing profile. Finally, we are looking for to our future potential collaborators at EaPEC 2018 to enlarge Eastern Partnership

I would like to mention:

- As an EaP winner- that challenging will be extremely important for me to take home helpful messages!

- As a Neuroscientist and participants - EaPConnect project promotes - "Enlighten Your Research and brain", to train your minds and build up brain/computer network in future!

Swiss Government Excellence Scholarships Postdoctoral Scholarships

Academic year: 2019-2020 Country: Georgia Opening of the call: 08 August 2018 Submission deadline: ⇔ 23 November 2018 Scholarship

Swiss Government Excellence Postdoctoral Scholarships for foreign researchers

Universities of applied Sciences Teaching and Research Institutes

I send you both application form and a letter of recommendation

I will be happy to provide you with any additional information, if needed

I would gratefully accept any piece of assistance or advice

to exchangean share our data,

,, teaching knowledge, present clinical experience and scientific work.. Hope, my lectures motivate LCC students to. promotes the use of computer network resources to foster international research and collaborations, The programme promotes the benefits of computer network resources to researchers, challenging them to stretch the boundaries of their research and collaborate with other countries to perform experiments enabled by NREN infrastructures, services and support.

national research and education network (NREN) and support