



PhD STUDY AT
SCHOOL OF SCIENCE
UNIVERSITY OF NOVA GORICA (UNG)
Republic of Slovenia, EU.

Dr. Artem Badasyan, Assistant Professor at School of Sciences, UNG (www.ung.si), is looking for applicants for a PhD study under his guidance in the field of Physics/Biophysics/Polymer Physics/Proteomics.

Funds for financing the PhD study of students from Bosna in Hercegovina, Republika Črna gora, Republika Kosovo, Republika Makedonija in Republika Srbija in a Slovenian University through Ad Futura foundation are available.

The Fellowship covers tuition fees and offers 700 Euro monthly stipend for living expenses. To be able to enroll for the teaching year of 2019/2020, applications should be submitted not later than June 01, 2019.

The link to the official call, including the description of the application procedure is below:

http://www.sklad-adri.si/fileadmin/dokumenti/Razpisi/268_Z_Balkan/268._Javni_razpis.pdf

A candidate is supposed to have a solid knowledge of University level Physics and Mathematics, together with basic programming skills and a passion towards physical modeling of biological systems. Working language is English, and candidates are required to be able to read, write and communicate in English.

Both analytical (pen and paper theory) and computational approaches are planned to be used for theoretical studies of (bio)polymer conformations.

Possible suggested topics include (but are not limited to):

1. Theoretical description of post-translational modifications in globular and intrinsically

disordered proteins;

2. From spin model to implicit description of water: force-field correction for GROMACS;

3. Molecular theory of DNA-nanotube hybridization.

Dr. Badasyan is an internationally active physicist working in the field of Biophysics, collaborating with groups from University of Toronto, Canada; University of Barcelona, Spain; University of Venice, Italy, and others. He is in the middle of his career, in the stage of creating his research group and is interested to invest time in the training of promising and hard-working students. A place for 1-2 PhDs is still available.

Guidance and support during the application procedure will be provided.

For preliminary screening, interested candidate is invited to send a short CV together with the motivation letter (answer the following questions: why do you want to do a PhD and why did you choose to apply to Prof. Badasyan's group) to artem.badasyan@ung.si.

For informal inquiries feel also free to use the contacts below.

Sincerely,

A.Badasyan

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