

PERSONAL INFORMATION

NEAGU, Adrian



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https://www.researchgate.net/profile/Adrian_Neagu2

Sex Male | Year of birth 1967 | Nationality Romania

POSITION

Professor, Head of the Biophysics Discipline,
Victor Babeş University of Medicine and Pharmacy Timișoara,
Piața Eftimie Murgu Nr. 2, 300041 Timișoara, Romania;
Web: www.umft.ro
Tel./Fax: +40-256-204117

WORK EXPERIENCE

October 2006 - present

Professor (Profesor Universitar)

Victor Babeş University of Medicine and Pharmacy Timișoara, Piața Eftimie Murgu Nr. 2, 300041 Timișoara, Romania, www.umft.ro; Tel./Fax: +40-256-204117

- Lectures in biophysics, research in biological physics, biophysics, and data analysis

Business or sector Academia

May 2008 - present

Adjunct Professor

University of Missouri, 223 Physics Bldg. 65211, Columbia, MO, USA; Tel.: +01-573-882-2335

- Lectures in physics, research in biological physics

Business or sector Academia

October 2004 - October 2006

Associate Professor (Conferențiar Universitar)

Victor Babeş University of Medicine and Pharmacy Timișoara, Piața Eftimie Murgu Nr. 2, 300041 Timișoara, Romania, www.umft.ro; Tel./Fax: +40-256-204117

- Lectures in biophysics, research in biological physics and biophysics

Business or sector Academia

February 2002 - October 2004

Assistant Professor (Șef Lucrări)

Victor Babeş University of Medicine and Pharmacy Timișoara, Piața Eftimie Murgu Nr. 2, 300041 Timișoara, Romania, www.umft.ro; Tel./Fax: +40-256-204117

- Lectures in biophysics, research in biological physics

Business or sector Academia

October 1998 - February 2002

Teaching Assistant (Asistent Universitar)

Victor Babeş University of Medicine and Pharmacy Timișoara, Piața Eftimie Murgu Nr. 2, 300041 Timișoara, Romania, www.umft.ro; Tel./Fax: +40-256-204117

- Laboratory works in biophysics, research in theoretical biophysics

Business or sector Academia

October 1994 - October 1998

Teaching Assistant (Asistent Universitar)

West University of Timisoara, Blvd. V. Parvan 4, 300223, Timișoara, Romania; www.uvt.ro; Tel. +40-256-592111, Fax: +40-256-592311

- Lectures and seminars in theoretical physics (lectures in quantum mechanics, problem solving classes in electrodynamics, quantum mechanics and quantum field theory)

Business or sector Academia

October 1991 - October 1994

Teaching Assistant (Preparator Universitar)

West University of Timisoara, Blvd. V. Parvan 4, 300223, Timișoara, Romania; www.uvt.ro; Tel. +40-256-592111, Fax: +40-256-592311

- Seminars in theoretical physics (problem solving classes in electrodynamics, quantum mechanics and quantum field theory)

Business or sector Academia

EDUCATION AND TRAINING

March 2002 - April 2003

Post-doctoral fellow

University of Missouri, 223 Physics Bldg. 65211, Columbia, MO, USA; https://missouri.edu/; Tel.: +01-573-882-2335

- theoretical and experimental research in biological physics

March 1995 - November 2001

PhD (Doctorat)

Level 8 (ISCED 2011)

Babeș – Bolyai University Cluj–Napoca (Universitatea Babeș – Bolyai Cluj–Napoca), Romania; http://www.ubbcluj.ro/en/

- Physics

October 1986-July 1991

Masters Degree (Diplomă de licență, Diplomă de merit)

Level 7 (ISCED 2011)

West University of Timisoara, Blvd. V. Parvan 4, 300223, Timișoara, Romania; www.uvt.ro; Tel. +40-256-592111, Fax: +40-256-592311

- Physics

PERSONAL SKILLS

Mother tongue(s)

Romanian, Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	B2	C1	B1	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

Teamwork skills acquired as member of research groups in Romania, United States, Hungary, and Germany

Organisational / managerial skills

Managerial skills

- leader of 7 research projects;
- member of the organizing committee of 4 national conferences with international participation (The 7-th National Conference of Biophysics, October 5-7, 2003, Predeal, Romania; The 11-th National Conference of Biophysics, November 10-12, 2011, Sibiu, Romania; The 13-th National Conference of Biophysics, June 4-6, 2015, Timișoara, Romania; The 14-th National Conference of Biophysics, June 2-4, 2016, Cluj-Napoca, Romania).

Job-related skills

Research experience

- 2006 – 2009, for about 3-4 months each year, Visitor, Research Associate Professor, University of Missouri , Columbia, MO, U.S.A.
- Jun. – Jul. 2004 Research Fellow, University of Missouri, Columbia, MO, U.S.A.
- Jul. – Aug. 2003 Research Fellow, University of Missouri, Columbia, MO, U.S.A.
- 2002 – 2003 Post-doctoral Fellow, University of Missouri, Columbia, MO, U.S.A.
- Feb. – Mar. 2001 Research Fellow, Biological Research Centre of the Hungarian Academy of Sciences, Szeged, Hungary
- Jan. – Feb. 2000 Research Fellow, Biological Research Centre of the Hungarian Academy of Sciences, Szeged, Hungary
- 1992 – 1993 DAAD (German Academic Exchange Office) Research Fellow at the Free University of Berlin (Freie Universität Berlin), in the group of Prof. Dr. Hagen Kleinert

Evaluator of research

- Reviewer of research projects funded by the National Research Council of Romania (CEEX and PNII programs) and by the Hungarian Scientific Research Fund (Hungarian abbreviation: OTKA).

Editorial Board Member

- Open Physics (formerly Central European Journal of Physics), an open access journal published by De Gruyter, indexed by The Institute for Scientific Information (ISI), impact factor (IF)=1.067.
- Journal of 3D Printing in Medicine, published by Future Medicine Ltd., London, UK.
- Mathematical Problems in Engineering, published by Hindawi, indexed by ISI, IF=1.305.
- Encyclopedia, published by MDPI, Basel, Switzerland.
- Life, published by MDPI, Basel, Switzerland, indexed by ISI, IF=3.817.
- Member of the scientific advisory committee of the Romanian Journal of Biophysics, the journal of the Romanian Society of Pure and Applied Biophysics, published by the Romanian Academy.

Referee of international journals: Anatomical Record, Biofabrication, Bioprinting, Biosensors, Coatings, Computers in Biology and Medicine, Industrial & Engineering Chemistry Research, International Journal of Molecular Sciences, Journal of Theoretical Biology, Materials, Mathematical Problems in Engineering, Nanomaterials, PeerJ, Physical Biology, Physica A, Phys. Rev. E, Phys. Rev. Lett., PLoS ONE, Polymers, Proc. Natl. Acad. Sci. USA, Processes, Scientific Programming.

Research output

- over 60 publications
- over 900 independent citations
- Hirsch index (h-index): 13

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Proficient user	Independent user	Proficient user

Levels: Basic user - Independent user - Proficient user

Programming in C++, MATLAB, and Python; user of Adobe Acrobat, Adobe Photoshop, Adobe Illustrator, Word, PowerPoint, Excel, and LaTeX.

Other skills

Furniture design

Driving licence

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ADDITIONAL INFORMATION

- July 2013 - 2018, President of the Romanian Society of Pure and Applied Biophysics (RSPAB) - Societatea Română de Biofizică Pură și Aplicată (SRBPA)
- July 18, 2008 - February 17, 2011 member of the Permanent Commission No. 12 (Medical Sciences) of the Romanian Agency of Quality Assurance in Higher Education - Agenția Română de Asigurare a Calității în Învățământul Superior (ARACIS)
- January 2015 - January 2017 member of the National Council of Scientific Research - Consiliul Național al Cercetării Științifice (CNCS).