

PERSONAL INFORMATION

Dana PERNIU



✉ d.perniu@unitbv.ro; danaperniu@gmail.com

Sex F | Date of birth 06/07/1966 | Nationality Romanian

WORK EXPERIENCE

- 1992 - present **Academic activity: professor, associate professor, lecturer, assistant**
 Transilvania University of Braşov; Product Design and Environment Faculty, Product Design, Mechatronics and Environment Department; www.unitbv.ro
- 1988 - 1992 **Chemistry High school teacher**
 Industrial High School - Zărneşti, Braşov County;

EDUCATION AND TRAINING

- 2010 **Specialization**
 EMPA, Thun, Switzerland
 Modern Electrochemical Methods in Material Science
- 2007 **Postuniversity course**
 Transilvania University of Braşov
 Interactive Methods for Teaching-Learning-Evaluation process
- 2007 **Specialization**
 NATO ASI Summer school Sinaia, România
 Functionalized Nanoscale Materials, Devices, and Systems for Chemical and Biochemical Sensors, Photonics, and Energy Generation and Storage
- 2004 **Specialization**
 NATO ASI Summer school Sozopol, Bulgaria
 Nanostructured and Advanced Materials for Applications in Sensor, Optoelectronic and Photovoltaic Technology
- 2004 **Postuniversity course**
 Transilvania University of Braşov
 Quality Audit
- 2001 - 2002 **Postuniversity course**
 Transilvania University of Braşov
 Environmental Strategic Management
- 1994 - 2003 **PhD**
 Babeş – Bolyai University Cluj-Napoca
 PhD thesis: Psychopedagogical and Didactical Aspects of Computer Assisted Instruction in Chemistry
- 1984 - 1988 **Chemistry licence**
 Babeş – Bolyai University Cluj-Napoca, Faculty of Chemical Technology
 Specialization: Physical Chemistry

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B1	B1	B1	B1

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

Communication skills

- good didactical and scientific communication skills
- good working abilities in multidisciplinary and multicultural teams

Organisational / managerial skills

- management of academic structures: (vice dean of the Faculty 2014- present; responsible for quality assessment at department level)
- management of student research (for graduation diploma, student scientific events, research grants involvement)
- organization of life-long-learning courses in the field of Environmental Engineering
- organization of teacher-training activities (courses, evaluations)
- president of the National Commission for technological high-schools – domain Chemical Engineering and Construction Materials
- project management (director/scientific responsible for 5 projects and member in 22 projects)
- organization of scientific conferences/events (member in 10 organization committees)

Job-related skills

- Courses: Inorganic Chemistry, Environmental Chemistry, Energy and Environment, Didactics
- Research in the field of Materials for solar energy conversion (chalcogenides – Cu_2SnZnS_4 , oxides (ZnO , TiO_2): more than 100 published papers (25 ISI-Thomson indexed), participation in 14 research projects (4 as responsible)
- Administrative tasks: member of the Committees for students' admission in university, and committees for graduation.

Digital competence

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

- Microsoft Office

Driving licence B

ADDITIONAL INFORMATION

Memberships

- Reviewer Thin Solid Films, Journal of Materials Science: Materials in Electronics
- Evaluation of projects: CEEX, Socrates/Comenius; CEEPUS
- Member of Chemistry Romanian Society (secretary of the Brasov branch)

ANNEXES

- Annex: list of publications and grants

