

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **ANCA-DANIELA SILVESTRU**
Address(es) Str. Nicolae Titulescu Nr. 18, Bl. P8, Ap. 71, 400420 Cluj-Napoca, ROMANIA
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E-mail anca.silvestru@ubbcluj.ro
Nationality Romanian
Date of birth July 20, 1959
Gender female

Work experience

Dates 2008-present, PhD advisor from 2009
Occupation or position held Professor
Main activities and responsibilities teaching (courses + seminars) + research in inorganic and organometallic chemistry
Name and address of employer Babeş-Bolyai University, M. Kogălniceanu 1, Cluj-Napoca
Type of business or sector teaching + research

Dates 1998 – 2008
Occupation or position held Reader (associate professor)
Main activities and responsibilities teaching (courses + seminars + practical works) + research in inorganic and organometallic chemistry
Name and address of employer Babeş-Bolyai University, M. Kogălniceanu 1, Cluj-Napoca
Type of business or sector teaching + research

Dates 1995-1998
Occupation or position held Lecturer
Main activities and responsibilities teaching (courses + seminars + practical works) + research in inorganic and organometallic chemistry
Name and address of employer Babeş-Bolyai University, M. Kogălniceanu 1, Cluj-Napoca
Type of business or sector teaching + research

Dates 1989-1995
Occupation or position held Teaching assistant
Main activities and responsibilities teaching (seminars + practical works) + research in inorganic and organometallic chemistry
Name and address of employer Babeş-Bolyai University, M. Kogălniceanu 1, Cluj-Napoca
Type of business or sector teaching + research

Dates 1986-1989
Occupation or position held Engineer
Main activities and responsibilities research projects financed by chemical industry

Name and address of employer | Research Institute for Electronic Devices, Cluj-Napoca, Romania
 Type of business or sector | Production + research
 Dates | 1983-1986
 Occupation or position held | Engineer
 Main activities and responsibilities | Production + laboratory analyses + research and development
 Name and address of employer | IEIA (Electronic Devices Company), Cluj-Napoca, Romania
 Type of business or sector | Production + research

Education and training

Dates | 1990-1995
 Title of qualification awarded | PhD in Chemistry
 Principal subjects/occupational skills covered | Inorganic and Organometallic Chemistry
 Name and type of organisation providing education and training | Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca
 Level in national or international classification
 Dates | 1978-1983
 Title of qualification awarded | Diploma in Chemical Engineering
 Principal subjects/occupational skills covered | Inorganic Chemical Technology
 Name and type of organisation providing education and training | Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca
 Level in national or international classification

Personal skills and competences

Research stays at:
 • PhD stay, Bremen Universität (Germany) (DAAD fellowship – 1 year)
 • Post-doctoral stays at Bremen Universität, Germany (KDAW fellowship, 6 months, 1997), University of Oxford, Great Britain (NATO fellowship, 1 year, 2000/2001), Université Rennes 1, France (CNRS researcher, 1 year, 2002/2003)

Mother language(s) | **Romanian**

Other language(s)

Self-assessment
European level ()*

English
German
French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1		C2		C2		C1		C1	
B1		B2		B1		B1		B1	
B1		C1		A2		A2		A2	

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Social skills and competences | Good relations with colleagues from the teaching and research staff in the faculty, with colleagues from foreign groups during research stays, and with the students, PhD students and researchers from my own research group

Organisational skills and competences	<ul style="list-style-type: none"> - Director and coordinator of research projects financed by the Romanian Ministry of Education - Responsible for the German Studies Line in Chemistry (1995 – 2000) - Vice-president of the Cluj Branch of the Romanian Chemical Society (2000-2015) - President of the Cluj Branch of the Romanian Chemical Society (2015-present) - Chair of the WP Ethics in Chemistry, EuCheMS. - Promoting and participation in several SOCRATES - ERASMUS agreements with the universities of Bremen (Germany), Logrono (Spain), Bath (Great Britain), Rennes (France), Wroclaw (Poland). - Coordinator of a bilateral agreement with the University of Bremen (Germany, 1997 -2011).
Technical skills and competences	<p>Publications:</p> <ul style="list-style-type: none"> - 2 books printed in Romania (written in Romanian) - 131 scientific papers in national and international journals - 3 Book chapters <p>Hirsch index = 21 Total number of citations = 1405 (July, 2023)</p> <p>http://www.researcherid.com/rid/C-1358-2011</p> <ul style="list-style-type: none"> - PhD advisor (3 active PhD students, 5 graduated PhD students) - Referee for: <i>J. Organomet. Chem., Inorg. Chem. Commun., Inorg. Chim. Acta, Polyhedron, Rev. Roum. Chim., Studia Chemia.</i> - Scientific referee for UEFISCDI - International evaluator for EU research projects (ethics issues) - Member of SUPRAMOLECULAR ORGANIC AND ORGANOMETALLIC CHEMISTRY CENTRE - SOOMCC (<i>Excellency</i> recognized by Babes-Bolyai University) <p>Teaching topics</p> <p>General chemistry Inorganic chemistry (Metals + non-metals) Organometallic and coordination chemistry Inorganic structural analysis Advanced inorganic chemistry Solid state chemistry and engineering Research methodology Inorganic chemical technology Environment protection and chemical industry Ethics and academic integrity</p> <p>Member of professional associations: Romanian Society of Chemistry</p>
Computer skills and competences	Use of computer and specific programs for chemistry
Other competences	Evaluator for professional competences
Awards	<ul style="list-style-type: none"> -“Gheorghe Spacu” Award accorded by the Romanian Academy, 2014 - Awarded with the <i>Prize of the Romanian Chemical Society</i> in 2015 -“Gheorghe Spacu” Medal awarded by <i>the Romanian Chemical Society</i> in 2019
Driving licence	B
Additional information	

Cluj-Napoca, 08.11.2023