



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Daniela Cristina GHITULICA**

Nationality Romanian

Date of birth 01.07.1971

Desired employment / Occupational field

Work experience

Dates **1996 - present**

Occupation or position held Associate professor (since 2008), Lecturer (since 2008), Assistant (since 1996)

Main activities and responsibilities Didactical activity – courses, seminars and laboratories (physics and chemistry of solid state – silicates, materials science, biomaterials, analysis methods of raw materials and products of the chemical industry, phase equilibria) and research activity (porous ceramics, bioceramics, ceramic materials with thermo-mechanical properties, phase equilibria, nanomaterials)

Name and address of employer Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, University "POLITEHNICA" of Bucharest, 1-7 Ghe. Polizu Street, 1st District, Bucharest 011061, Romania

Type of business or sector Education, research and development

Dates **2012 - 2013**

Occupation or position held Project manager, project POSDRU/109/2.1/G/81495 "Well prepared, good professionals!"

Main activities and responsibilities Responsible for the implementation of the project in accordance with the financing contract and the realization of all activities in accordance with the activity graph, including training, dissemination and informing, coordinates the activity of all members of the management / implementation teams; ensures the efficient implementation of a project management system and resource system; coordinates the activity of all partners within the project; approves the technical and financial reports, and is responsible for the communication with the financing authorities, realizing and making available all the required documents and reports; formulate responses to request bodies, on the implementation of the project, including providing clarification and additional information; involved in the preparation of the project procedures manual; coordinates procurement performance; coordinates the selection of partners for practice and initiates talks for the signing of cooperation agreements, coordinates development framework agreements, coordinates final evaluation practitioners, coordinates the entire practice of the students found in the target group, in the fields of chemical engineering and medical engineering, coordinates the development of training sessions, teaching and research, and student mentoring activities.

Name and address of employer University "POLITEHNICA" of Bucharest, 313 Splaiul Independentei street, 6th district, Bucharest, 060042, Romania

Type of business or sector Education

Dates	2010 - 2012
Occupation or position held	Project manager, project POSDRU/57/1.3./S/32629 <i>"Professional training of teachers from preuniversity education for new opportunities of career development"</i> , co-financed from structural funds
Main activities and responsibilities	Responsible for the implementation of project in accordance with the financing contract and the realization of all activities in accordance with the activity graph, including training and dissemination and information, coordinates the activity of all members of the management / implementation teams, coordinates the activity of all partners within the project, verifies and approves the technical and financial reports, responsible for the communication with the financing authorities, realizing and making available all the documents and reports asked.
Name and address of employer	Management Unit of Projects with Foreign Financing, Ministry of Education, Research, Youth and Sports, 28-30 G-ral H. Berthelot Street, 1 st District, 010168, Bucharest
Type of business or sector	Education
Dates	2010 - present
Occupation or position held	Project manager, project POSDRU/86/1.2./S/58146 <i>"Elaboration and implementation of master programs in the field of Micro and Nanomaterials MASTERMAT"</i> , co-financed from structural funds
Main activities and responsibilities	Responsible for the implementation of project in accordance with the financing contract and the realization of all activities in accordance with the activity graph, including elaboration of curriculum, training, research and dissemination and information, coordinates the activity of all members of the management / implementation teams, coordinates the activity of all partners within the project, verifies and approves the technical and financial reports, responsible for the communication with the financing authorities, realizing and making available all the documents and reports asked.
Name and address of employer	Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, University "POLITEHNICA" of Bucharest, 1-7 Ghe. Polizu Street, 1 st District, Bucharest 011061, Romania
Type of business or sector	Education
Dates	2009 - 2011
Occupation or position held	Long term expert, project POSDRU/2/1.2./S/2 <i>"Development of an operational qualifications system in Romanian higher education – DOCIS"</i> , financed from structural funds
Main activities and responsibilities	Coordinates the activity of short term experts of elaboration of qualifications' descriptions in the Chemical Engineering field, at graduate and master levels
Name and address of employer	National Agency for Qualifications in Higher Education and Partnership with Economical and Social Environment, Ministry of Education, Research, Youth and Sports
Type of business or sector	Education
Dates	2008 - 2011
Occupation or position held	Deputy-manager, project POSDRU/5/1.5./S/1 <i>"Doctoral studies in Romania – Organization of Doctoral Schools"</i> , co-financed from structural funds
Main activities and responsibilities	Responsible for the realization of all activities in accordance with the activity graph, including dissemination and information, coordinates the activity of all members of the management / implementation teams, coordinates the activity of all partners within the project.
Name and address of employer	Executive Unit for Financing Higher Education and University Scientific Research, Ministry of Education, Research, Youth and Sports
Type of business or sector	Education, project management
Dates	2003 – 2009
Occupation or position held	Coordinator of Distance Education component of Rural Education Project, co-financed by World Bank
Main activities and responsibilities	Coordination of the Distance Education Training Programs component of the Rural Education Project, co-financed by the International Bank for Reconstruction and Development and the Romanian Government, which had as objective supporting teachers activating in the compulsory education levels, form rural areas, in obtaining the professional qualification necessary, through distance education study programs. Coordination of the following activities was realized:

	<ul style="list-style-type: none"> i. Elaboration of new distance education programs, in compliance with the types of learning, demands, interests and aspirations of teachers from rural areas; ii. Creation of the legal and academic qualification required for recognition, awarded on completion of the program; iii. The training comprised about 3,000 teachers participating in rural areas, who obtained appropriate professional qualification; iv. Collaboration relationships were developed between university and preuniversity education institutions and actors; v. Monitoring and evaluation of all activities within the project.
Name and address of employer	Management Unit of Projects with Foreign Financing, Ministry of Education, Research, Youth and Sports, 28-30 G-ral H. Berthelot Street, 1 st District, 010168, Bucharest
Type of business or sector	Education, project management
Dates	2001 – 2003, 2009, 2012 - present
Occupation or position held	Minister Office Director
Main activities and responsibilities	Coordination of activities within the Minister Office: <ul style="list-style-type: none"> i. Organization and coordination of the activity of personnel within the minister office; ii. Transmitting orders, dispositions and resolutions of the minister and following the way in which those are putted into practice; iii. Organize, classify and systemize the minister correspondence; iv. Realization of reviews on different subjects in the attention of the minister; v. Realizing the minister work agenda, organizing meetings and participation of minister in different events; vi. Studying specific legislation, relevant to the activity within the ministry.
Name and address of employer	Ministry of Education and Research, 28-30 G-ral H. Berthelot Street, 1 st District, 010168, Bucharest
Type of business or sector	Public administration
Dates	1999 – 2001
Occupation or position held	Project expert
Main activities and responsibilities	Responsible with pilot projects – administration of project implementation, from launching the call for proposals until implementation and dissemination
Name and address of employer	National Centre for the Professional training Program „Leonardo da Vinci”
Type of business or sector	Project management

Education

Dates	1996 - 2005
Title of qualification awarded	PhD Diploma
Principal subjects/occupational skills covered	Specialisation Chemical Engineering, subject Ceramic cellular materials
Name and type of organisation providing education and training	Faculty of Applied Chemistry and Materials Science, University “POLITEHNICA” of Bucharest
Dates	1996 – 1997
Title of qualification awarded	Specialist engineer diploma, Analysis and Project Management specialization, equivalent to postgraduate degree, the Economic engineering, industrial engineering specialization
Principal subjects/occupational skills covered	Project analysis and administration
Name and type of organisation providing education and training	École Nationale Supérieure de Génie Industriel, Institut National Polytechnique de Grenoble, France

Dates	1996 – 1997
Title of qualification awarded	Master of Science Diploma - Postgraduate diploma with courses attendance waiver
Principal subjects/occupational skills covered	Engineering Materials
Name and type of organisation providing education and training	Department of Ceramics and Composite Materials, Institut National des Sciences Appliquées de Lyon, France
Dates	1995 – 1996
Title of qualification awarded	Master of Science Diploma
Principal subjects/occupational skills covered	Composite materials
Name and type of organisation providing education and training	Faculty of Chemical Engineering, University "POLITEHNICA" of Bucharest
Dates	1995 - 2000
Title of qualification awarded	Engineer Diploma
Principal subjects/occupational skills covered	Specialisation Science and Engineering of Oxide Materials
Name and type of organisation providing education and training	Faculty of Chemical Engineering, University "POLITEHNICA" of Bucharest

Training

Dates	2007
Title of qualification awarded	Participation certificate
Principal subjects/occupational skills covered	Creating e-learning courses. Practical tools and concepts.
Name and type of organisation providing education and training	Across Limits Ltd. Malta
Dates	2007
Title of qualification awarded	Participation certificate
Principal subjects/occupational skills covered	Structural funds – from idea to the project
Name and type of organisation providing education and training	Foundation for the development of Civil Society Bucharest
Dates	2006
Title of qualification awarded	Graduation certificate
Principal subjects/occupational skills covered	European financing
Name and type of organisation providing education and training	Europa Media Budapest
Dates	1999
Title of qualification awarded	Participation certificate
Principal subjects/occupational skills covered	Bibliographic research, subject Ceramic cellular materials
Name and type of organisation providing education and training	South Bank University, London, UK
Dates	1998
Title of qualification awarded	Participation certificate
Principal subjects/occupational skills covered	Research stage, subject Ceramic cellular materials

Name and type of organisation providing education and training

Fiat Research Centre, Orbassano, Torino

Dates

1994

Title of qualification awarded

Graduation certificate for one semester of university studies

Principal subjects/occupational skills covered

Science and engineering of oxide materials

Name and type of organisation providing education and training

Sheffield University, UK

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Italian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient User	C2	Proficient User	C1	Proficient User	C1	Proficient User	C1	Proficient User
C2	Proficient User	C2	Proficient User	C1	Proficient User	C1	Proficient User	C1	Proficient User
A2	Elementary User	A2	Elementary User	A2	Elementary User	A2	Elementary User	A2	Elementary User

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

- excellent team work abilities and communication;
- capacity to adapt to multicultural working environment, gained through professional experience.

Organisational skills and competences

- experience in project management, i
- experience in education and research activities management;

Technical skills and competences

- experience of setting up and development of research laboratories;

Computer skills and competences

- work experience with Microsoft Office (Word, Excel, Power Point)

Driving licence

B category

Additional information

- Member in the Distance Education Commission, Romanian Agency for Quality Assurance in Higher Education, 2009 – present;
- Evaluator for the Journal for Nanoscience and Nanotechnology (JNN), American Scientific Publishers ISSN: 1533-4880 (Print), EISSN: 1533-4899 (Online), impact factor 1,44, 2011;
- Evaluator for the *Chemical Engineering Communications Journal*, Taylor and Francis Publishing House, ISSN: 1563-5201 (electronic) 0098-6445 (print), indexed Engineering Index Monthly, Science Citation Index, CSA - Technology Research Database, Current Contents/Engineering, Computing & Technology, 2010, 2009 Impact Factor: 0.586;
- Evaluator for the *Journal of Sol-Gel Science and Technology*, Springer US Publishing House, ISSN 0928-0707, indexed Compendex, Compendex Plus, Current Contents/Engineering, Computing and Technology, Ei Page One, Engineering Index Monthly, Glassfile Database, Inspec, ISI Alerting Services, Mathematical Science Citation Index, Polymer Library, Science Citation Index, Science Citation Index Expanded, SCOPUS, Verre, 2007-2008;
- Evaluator for the *Journal of Processing and Application of Ceramics*, Department of Materials Engineering Faculty of Technology University of Novi Sad, Serbia, ISSN 1820-6131, 2008;
- Member in the Romanian Chemistry Society, Romanian Ceramic Society, European Ceramic Society, Romanian Biomaterials Society, European Network for Distance Education and e-learning;
- Implication, as a research team member or project manager/responsible, in 52 research contracts or projects in the field of human resources training, obtained by competition; 2 with international financing, for one of them being project responsible; 42 contracts are nationally financed, including from structural funds, for 8 being project manager or responsible;
- First author or co-author for 3 scientific books;

Additional information

- First author or co-author for 104 scientific articles: 32 published in ISI or data basis indexed journals, 6 in national reviews recognized by C.N.C.S.I.S., 12 in the proceedings of internationally recognized scientific conferences, 8 in the proceedings of national scientific conferences, 46 papers presented at recognized scientific conferences;
- 51 citations;
- Distinctions and awards:
 - Order the Education Merit, Great officer degree, 2004;
 - The World Bank award "Improvement of peoples life in Europe and Central Asia" for Rural Education Project, 2008;
 - The prize "Gold medal" award; BRUSSELS INNOVA - The World Exhibition on Inventions, Research and New Technologies, 2012, for the patent "Synthesis procedure of some multifunctional composite materials with potential applications in bone cancer treatment" – A. Fikai, E. Andronescu, C.D. Ghițulică, D. Fikai, G. Voicu, M.G. Albu, application for national patent, OSIM no. A/01171;
 - Prize "The best paper published in Journal Materiale Plastice – 2009" awarded in 2012, the institution awarding the prize: Syscomm – Journal "Materiale Plastice", for the article "Colagen/Hydroxyapatite Interactions in Composite Biomaterials"; Rev. Mat. Plastice; 2009:46(1):11-15, (ISSN 1542-1406), authors Anton Fikai, Ecaterina Andronescu, Cristina Ghitulica, Georgeta Voicu, Viorica Trandafir, Denisa Manzu, Maria Fikai, Stefan Pall.
 - CNCSIS award for 9 ISI articles.

Annexes

- Annexe 1 - PhD Diploma UPB
- Annexe 2 - Specialist engineer diploma ENPG
- Annexe 3 - Master of Science Diploma INSA
- Annexe 4 - Master of Science Diploma UPB
- Annexe 5 - Engineer Diploma
- Annexe 6 - Certificate ILO
- Annexe 7 - Certificate World Bank Institute
- Annexe 8 - Award for Rural Education Project
- Anexe 9 - External Evaluator Expert Certificate ARACIS study programs - distance learning
- Anexe 10 - Certificate of English language
- Anexe 11 - Certificate of French language