



Victoria - Antoaneta FOLEA, PhD

Associate Professor - Senior Scientific Researcher

vfolea@hotmail.com

August 2018

www.linkedin.com/in/vfolea

www.researchgate.net/profile/Victoria_Folea

COMPETENCE & EXPERTISE

- Research and research analysis (15+ years)
- Research evaluation (10+ years)
- R&D management (10+ years)
- R&D project management (15+ years)
- Scientific writing (15+ years)
- Professional, effective in international teams and environments (10+ years)

CORE SKILLS

- Research analysis (15+ years)
- Quantitative data analysis (15+ years)
- Qualitative data analysis (5 years)
- Literature reviews (15+ years)
- Microsoft Office (Word, Excel, PowerPoint, Project Management, OneNote, Outlook) (10+ years)

WORK EXPERIENCE

EC MONITORING OFFICER

European Commission, DG Research and Innovation, Brussels, Belgium

2017 – present

- **Research evaluation** → Monitor 3 EU Innovation Action grants in the area of Materials Science (total EU grants 24 MEuro) ▪ Monitor innovation activities and innovation radar questionnaires

EC EXPERT EVALUATOR, RAPPORTEUR

European Commission, Research Executive Agency, Brussels, Belgium

2013 – present

- **Research evaluation** → Expert evaluator and Rapporteur for EU FP7 (Programme Cooperation – Security, 27 research proposals) ▪ Rapporteur for Roadmaps for Horizon 2020 (“Biomaterials for Health” and “Metallurgy4Europe”) ▪ Rapporteur for EU Horizon 2020 “Secure societies – protecting freedom and security of Europe and its citizens” (162 research proposals) ▪ Expert evaluator for Horizon 2020 “Climate action, environment, resource efficiency and raw materials” (2 research proposals); Marie Skłodowska-Curie International

Fellowships (3 research proposals); “Nanotechnologies, advanced materials, advanced manufacturing processing, biotechnology” (7 proposals) ▪ Rapporteur for EU Horizon 2020 ERA-Chair (7 research proposals)

SENIOR RESEARCH COORDINATOR (Associate Professor)

Romanian – American University

Bucharest, Romania

2013 – present

- **R&D management** → Implemented and coordinated the university research strategy ▪ Permanent scientific advisor of Rector ▪ Contributed to university awareness and participation in EU research and innovation framework programmes (FP7, Horizon 2020) ▪ Elaborated university research policies and procedures
- **R&D project management** → Manager of project POSDRU/156/1.2./G/134518 “Ensuring competences adequate to the labour market requirements through study programs of excellence with an international dimension” ▪ Designed and developed 20+ R&D proposals for the EU programmes FP7, Horizon 2020, COST, ESF, EEA Grants, as well as Romanian UEFISCDI ▪ Organised and delivered 30 workshops and round tables (over 50 invited organisations) ▪ Delivered 7 training course on R&D proposal and project management (average 20 attendees per session)
- **Research evaluation** → Coordinator of research evaluation exercises (2013-EUA and 2015-ARACIS) ▪ Elaborated 2 university research self-assessment reports (over 200 pages) ▪ Conducted annual internal research evaluation (4 reports)
- **Research and research analysis** - Social Sciences, areas “Digital Economy and Society” and “EU research and innovation”
- **R&D Reporting / scientific writing** → Elaborated 4 research guides
- **Academic courses** → Elaborated “Research methodology in Social Sciences” (master level, in English) ▪ Elaborated “Academic writing” (first year)

SENIOR SCIENTIFIC RESEARCHER

Institute of World Economy, Romanian Academy

2015 – 2018

- **Research and research analysis** - Social Sciences, areas “Digital Economy and Society” and “EU research and innovation”
- **R&D project management** → Coordinated 2 Romanian Academy scientific studies in the area of “EU research and innovation” ▪ Developed 3 R&D proposals
- **Dissemination of scientific results:** Authored 12 scientific publications ▪ 4 contributions to international conferences

RESEARCH EVALUATOR

UEFISCDI, Bucharest, Romania

2014

- **Research evaluation** → Chair of evaluation panels “Materials Science”, “Environment”, “Energy” (over 60 proposals in evaluation)

EU R&D PROGRAM DIRECTOR

Jyvaskyla, Finland

2005 - 2013

- **R&D management** → Elaborated, implemented university research strategy ▪ Permanent scientific advisor of Rector ▪ Permanent member of the Science Council, expert on EU science and innovation policies and

programmes ▪ Delivered strategic recommendations and initiatives related to EU-funded research ▪ Aligned university scientific research with EU research programmes

- **R&D project management** → Managed portfolio 40 EU FP6 and FP7 research grants in different scientific areas ▪ Developed 50+ R&D proposals for EU FP7 in different scientific areas

- **Research evaluation** → Coordinated 2 overall evaluations of the research at the university (2006 and 2011) (7 schools; 20 departments and research centres; 50 international experts; 2 Evaluation reports edited) ▪ Elaborated monthly Scientific Barometer (70+ evaluation reports for the entire university) based on Web of Science indicators ▪ Elaborated annual internal evaluation of the EU R&D at the university

- **R&D Reporting / scientific writing** → Elaborated 10 guides for designing and managing EU R&D projects ▪ Authored 5 R&D reports ('Indicators measuring the effectiveness of research. Indicators for universities ranking' (2006); 'European policy trends in research. Challenges and opportunities for University of Jyvaskyla' (2007); 'Research performance indicators' (2007); 'Research performance indicators' (2007); 'Measuring the social impact of research' (2008); 'Multidisciplinarity in European research policies' (2009))

SCIENTIFIC PROGRAMME OFFICER

European Commission, Directorate General for Research & Innovation

2003-2005

- **R&D management** → Delivered key policies and strategic orientation in the area of nanomaterials and nanotechnologies ▪ Coordinated different scientific areas in nanosciences and nanotechnologies in the EU FP6

- **R&D project management** → Directed portfolio of 24 European large collaborative research projects in areas of biotechnology, molecular motors, and nanoelectronics, monitoring and assessing fulfilment of contractual obligations including scientific, administrative, and financial aspects ▪ Coordinated overall research budget of 35MEuro ▪ Fostered critical collaborations with colleagues from other units of Directorate, including scientific, policy, administration, and legal

- **Research evaluation** → Organised and coordinated 8 European panels of R&D proposals' evaluation in the EU FP6 ▪ Evaluated 100+ EU R&D proposals in the area of nanosciences and nanotechnologies (FP6) ▪ Elaborated evaluation consensus reports for 100+ R&D proposals (FP6)

SCIENTIFIC EXPERT

Technical Committee, EU COST Chemistry, Brussels, Belgium

2002-2003

- Contributed to the development of EU trans-national scientific research programs in the field of chemistry

EXECUTIVE DIRECTOR

National R&D Programme "Materials and nanotechnologies – MATNANTECH", Ministry of Education and Research, Bucharest, Romania

2001-2003

- **R&D management** → Set up the national R&D programme, conforming to national strategic plan for development of science and technology ▪ Supervised contractual obligations of over 100 national collaborative research projects involving universities, research institutions, SMEs, and large companies, with overall budget of €1M ▪ Coordinated multidisciplinary teams ▪ Developed effective administrative procedures involving methodologies, policies, application rules, evaluation, selection, funding, and monitoring of research projects

SCIENTIFIC EXPERT

European Commission, Directorate General for Research, Brussels, Belgium

2001-2002

- Appointed expert at the Programme Committee “Nanosciences, nanotechnologies, materials and new production technologies” ▪ Contributed to the development of European research topics in the area of nanosciences and nanotechnologies in the EU programme FP6

EXPERT – EDUCATION REFORM

World Bank Institute, Washington, DC

2001

- Appointed expert in the Education working group of the World Bank Institute ▪ Contributed to the white paper “Strategic choices for education reform”

ASSOCIATE PROFESSOR

University Politehnica, Bucharest – Romania

1990-2004

- **Research and research analysis** → Scientific areas: “Materials Science”, “Physical Chemistry”, “Oxide Materials” ▪ Visiting scientist Universite Claude Bernard (Lyon, France) and National Institute for Applied Sciences (Lyon, France) ▪ Coordinated and supervised over 15 dissertation theses

- **Academic courses** → Developed 4 new courses and associated curricula in physical chemistry and materials science

- **Dissemination of scientific results** → 32 scientific publications in international peer-reviewed journals and conference proceedings ▪ 2 textbooks in field of physical chemistry ▪ 20+ oral and poster presentations at international conferences

- **R&D project management** → Principal investigator and coordinator EU FP5 Marie Curie R&D project “Advanced Materials and Technologies” ▪ Principal investigator and coordinator in 10+ national research projects ▪ Team member / researcher in over 25 international research projects (NATO Science for Peace; World Bank)

EDUCATION

PhD (enrolled 2016, est. 2018) – Political Science - International Relations

National School of Political and Administrative Studies (SNSPA), Bucharest, Romania

Thesis topic: Transition to the Digital Society in the European Union. Case Study Romania. Advisor: Prof. Cezar Birzea

Doctor in Chemistry – Materials Science

University Politehnica, Bucharest, Romania (1998). Advisor: Prof. Ion Teoreanu

Bachelor of Science – Materials Science

University Politehnica, Bucharest, Romania (1989)

CERTIFICATIONS

Analyzing Global Trends for Business and Society

Coursera, University of Pennsylvania, U.S.A. (2015)

Auditor of Quality Management Systems

Top Quality Management, Bucharest, Romania (2015)

Entrepreneurship: “Developing Innovative Ideas for New Companies: The First Step in Entrepreneurship” and “Innovation for Entrepreneurs: From Idea to Marketplace”

Coursera, University of Maryland, College Park, U.S. (2014)

EU Grant for Research, Technological Development and Innovation

EU Grant Academy, Finland (2012)

Certified Programme & Project Manager (SCPM) - Advanced Programme & Project Management-SAPM

Stanford Center for Professional Development, Stanford University, USA (2011)

Project management

Brainbench (2011)

DIGITAL SKILLS

(Digital skills – Self-assessment grid: <https://europass.cedefop.europa.eu/sites/default/files/dc-en.pdf>)

Information processing → Independent user

Communication → Independent user

Content creation → Independent user

Safety → Independent user

Problem solving → Independent user