

CURRICULUM VITAE

BALICA CONSTANTIN

Date of birth: 29.08.1969

Citizenship: Romanian

Marital status: married

Adress: Department of Geology, Babes-Bolyai University

Work adress: Str. M. Kogălniceanu, nr. 1, 405300 Cluj-Napoca

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Education:

2007 PhD in Geology, Babeş-Bolyai University, Cluj-Napoca. Thesis title: Age and origin of the South Carpathians and Apuseni Mountains basemens with implications on the pre-Alpine thermotectonic evolution. Advisor: Prof Ioan Balintoni

1997 MSc in Geology, Department of Geology, Babeş-Bolyai University, Cluj-Napoca. Advisor: Prof Ioan Balintoni

1996 BS, Faculty of Biology and Geology (Geological Engeneering), Babeş-Bolyai University, Cluj Napoca,

Current full time employer: Department of Geology, Babeş-Bolyai University, Cluj-Napoca

Current position: Lecturer

Areas of interest and expertise: Magmatic and detrital zircon geochronology, continental tectonics, magmatic and metamorphic petrology, radiogenic isotope geology, ICP and thermal ionisation mass spectrometry.

Additional skills: Geochemical and geochronological data acquisition; large geochemical and geochronological database compilation and manipulation; computer programming (Matlab), work with text and graphic processors (MsOffice, StarOffice, OpenOffice, LaTeX, Adobe etc); CAD, GIS (MAPublisher).

Foreign languages:

English – advanced

French – intermediate

Professional association membership:

Societatea Geologică Română (SGR).

American Geophysical Union (AGU)

Professional experience:

1997 – 2002: Research assistant, Department of Geology, Babeş-Bolyai University, Cluj-Napoca

2002 – 2012: Assistant

2012-current: Lecturer

2001 –Erasmus IP program “Solid Solutions in Silicate and Oxide Systems of Geological Importance”,
Luebeck, Germany

Mai 2002 – Research activities (orthocarbonatites petrology), Department of Mineralogy, National
History Museum, London;

2003 – Erasmus IP program “Ultrahigh pressure metamorphism”, Eotvos-Lorand University, Budapest;

2005 – TIMS zircon U-Pb geochronology, Isotope Geology Lab, Institute of Geosciences, Chinese
Academy of Sciences

2005 - Erasmus IP program “Spectroscopic methods in mineralogy”, Geozentrum, University of Vienna.

2007 – TIMS zircon U-Pb geochronology, Isotope Geology Lab, Institute of Geosciences, Chinese
Academy of Sciences;

2007 –Short Course "Vibrational Spectroscopy (Infrared Absorption and Raman): Applications in
Geosciences”, Geozentrum, University of Vienna

CEEPUS Fieldtrips in pre-Alpine metamorphic terranes: 2002 - Austrian Alps; 2003 – Bohemian Massif;
2005 - Western Carpathians-Bohemian Massif – Tatra Mts.

2010-2011 Postdoc Department of Geosciences, University of Arizona (isotope geochemistry, TIMS,
LA-MC-ICP-MS)

2007-2010, 2013, 2014 – LA-MC-ICP-MS zircon U-Pb geochronology, Arizona LaserChron, University
of Arizona (one month each year).

Invited conferences and teaching mobilities:

2006 Institute of Geosciences, Chinese Academy of Sciences: “The Romanian Carpathians Basement: A review of isotopic ages”;

Mai, 2007, CEEPUS Teaching mobility, Department of Geography, Geology and Mineralogy, Salzburg University:

Aprilie, 2008, CEEPUS Teaching mobility, Department of Geography, Geology and Mineralogy, Salzburg University:

Aprilie, 2010, CEEPUS Teaching mobility, Department Geography, Geology and Mineralogy, Salzburg University:

Teaching

- Course in Geotectonics, 2006 - current
- Course in Geochemistry, 2012 - current
- Course in Radiogenic Isotope Geology, (grad), 2014-current
- Course in Microtectonics, 2006-2009
- Course in Evolution of Continents, 2006-2009
- Software for geologists, 2002-2006
- Course in Tectonic Analysis (grad.), 2009-2010
- Course in Tectonics of sedimentary basins, 2018 - current
- Fieldcamp and course in Geotectonics, Igneous and Metamorphic petrology.

Undergraduate/graduate advisor:

18 undergraduate/graduate advisees in petrology/geochemistry/geochronology

Awards:

Romanian Academy “Ludovic Mrazec” award for the paper: “Late Cambrian-Early Ordovician Gondwanan terranes in the Romanian Carpathians: A zircon U/Pb provenance study.” *Gondwana Research* **16**, 119-133;

Member in organizing committee of national/international conferences

MAEGS-16 - Meeting of Association of European Geological Societies: Geology for society: education and cultural heritage; 9 - 13 July 2009, Cluj-Napoca, Romania - *member*

CBGA-2014 Special Session SS10: Pre-Alpine events preserved in Eastern and Central Europe - *convener*

Grants (member):

Active participation in 13 research grants on tectonics and geochronology of the Carpathians basements (a complete list of grants is available upon request)

Publication metrics :

- *h-index: 15 (WOS)*

- *33 papers (24 WOS);*

- *31 abstracts;*

- *Chapters in books and monographs - 8*

A complete list of publications and conference abstracts is available upon request

Cluj Napoca

19.03.2026

Dr Constantin Balica