

**EUROPEAN
CURRICULUM
VITAE
FORMAT**



PERSONAL INFORMATION

Name | **SORANA-DANIELA BOLBOACĂ**
Nationality | Romanian

WORK EXPERIENCE

- Dates | SINCE OCTOBER 2001 to DATE
- Name and address of employer | “Iuliu Hațieganu” University of Medicine and Pharmacy, Cluj-Napoca
Str. Emil Isac nr. 13, Cluj-Napoca, 400023, Romania
- Type of business or sector | Higher Education
- Occupation or position held | Teaching Assistant (OCTOBER 2001 – SEPTEMBER 2006)
Lecturer (OCTOBER 2006 – SEPTEMBER 2015)
Assoc. Prof. (OCTOBER 2015 – FEBRUARY 2017)
Prof. (MARCH 2017 – PRESENT)
- Main activities and responsibilities | Education & Research

- Dates | OCTOBER 2010 – FEBRUARY 2016
- Name and address of employer | University of Agricultural Science and Veterinary Medicine Cluj-Napoca
Calea Mănăștur nr. 3-5, Cluj-Napoca, 400372, Romania
- Type of business or sector | Higher Education
- Occupation or position held | Associate Professor
- Main activities and responsibilities | Education (Topics: Computational Biology (master) – 2010-2014, Statistics for Veterinary Medicine (Ph.D.), Statistics for Engineering (Ph.D.) – 2012 - 2016)

- Dates | FEBRUARY 2006 – SEPTEMBER 2010
- Name and address of employer | Technical University of Cluj-Napoca
Str. Constantin Daicoviciu, nr. 15, Cluj-Napoca, 400020, Romania
- Type of business or sector | Higher Education
- Occupation or position held | Researcher
- Main activities and responsibilities | Research

- Dates | APRIL 2000 - SEPTEMBER 2001
- Name and address of employer | County Hospital, Satu-Mare
"Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca
Hospital
- Type of business or sector | Hospital
- Occupation or position held | Resident in Radiology and Medical Imaging
Followed the Radiology curriculum
Worked in different radiology departments in Cluj Hospitals

- Dates | JANUARY 1999 - MARCH 2000
- Name and address of employer | County Hospital, Cluj-Napoca, Romania
Hospital
- Type of business or sector | Hospital
- Occupation or position held | Medical Doctor – Internship programme

- Main activities and responsibilities

Worked in a hospital under the supervision of a senior medical doctor

EDUCATION AND TRAINING

- Dates
• Name and type of organisation providing the title
• Principal subjects/occupational skills covered
• Title of qualification awarded
APRIL 2013 (Habilitation Defended on September 7, 2012)
THE ROMANIAN NATIONAL COUNCIL FOR ATTESTING TITLES, DIPLOMAS, AND UNIVERSITY CERTIFICATES (CNATDCU)
“Statistics in Medicine: From *in silico* Modeling for Drug Design to Medical Statistics and Education”
Habilitation (Medicine) (ROMANIAN MINISTRY OF EDUCATION ORDER NR. 3570 MD/18.04.2013)
- Dates
• Name and type of organisation providing education and training
• Principal subjects/occupational skills covered
• Title of qualification awarded
OCTOBER 2007 – SEPTEMBER 2010
University of Agricultural Science and Veterinary Medicine Cluj-Napoca
PhD Student, Supervisor: Prof. Dr. Radu E. SESTRĂȘ
“Statistical models for analysis of genetic variability”
Doctor in Horticulture (Diploma Series H, No. 0006781 (No. 6, dated 12.08.2010))
- Dates
• Name and type of organisation providing education and training
• Principal subjects/occupational skills covered
• Title of qualification awarded
NOVEMBER 2001 – APRIL 2006
“Iuliu Hațieganu” University of Medicine and Pharmacy Cluj-Napoca
PhD Student, Supervisor: Prof. Andrei ACHIMAȘ CADARIU
“Evidence-Based Medicine: Logistics and Implementation”
Doctor in Medicine (Diploma Series D, No. 0005211 (No. 822, dated 08.18.2006))
- Dates
• Name and type of organisation providing education and training
• Principal subjects/occupational skills covered
• Title of qualification awarded
OCTOBER 2000 – SEPTEMBER 2001
“Iuliu Hațieganu” University of Medicine and Pharmacy, Cluj-Napoca
Department of Medical Informatics and Biostatistics
Master’s Degree student in Medical Informatics and Biostatistics
Master’s Degree in Medical Informatics and Biostatistics (Diploma Series B, No. 0000536 (No. 34, dated 11.12.2001))
- Dates
• Name and type of organisation providing education and training
• Principal subjects/occupational skills covered
• Title of qualification awarded
APRIL 2000 – APRIL 2005
“Iuliu Hațieganu” University of Medicine and Pharmacy, Cluj-Napoca
Department of Radiology, Supervisor: Prof. Mihai COVALCIC
Resident – specialty: Radiology and Medical Imaging
Competence in General Ultrasonography
Specialist in Radiology and Medical Imaging (Certificate Series S, No. 0000240 (Dated 12.14.2005))
Certificate in General Ultrasound (Certificate Series C, No. 01663 - Dated: 2005 June 15, No. 18368)
- Dates
• Name and type of organisation providing education and training
• Principal subjects/occupational skills covered
• Title of qualification awarded
SEPTEMBER 1992 - SEPTEMBER 1998
“Iuliu Hațieganu” University of Medicine and Pharmacy, Cluj-Napoca
Faculty of Medicine
Student
Doctor of Medicine (Diploma Series R, No. 0016863)

Sorana

CONTINUING EDUCATION

- Dates
• Name and type of organisation providing education and training
• Principal subjects/occupational skills covered
• Title of qualification awarded
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• Title of qualification awarded
- JUNE 2013 – JUNE 2015
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (NEW YORK, USA) & UNIVERSITY OF BELGRADE – SCHOOL OF MEDICINE (SERBIA)
Medical Research Ethics
Certificate of Completion: Research Ethics Program
- SEPTEMBER 15 – 19, 2014
UNIVERSITY OF LJUBLJANA
ERASMUS Training Staff Mobility – Lifelong Learning Programme
Teaching statistics at undergraduate and graduate level, organization of statistical advisory office, collaboration for research and join projects
Certificate
- JUNE 17 – 21, 2013
BULGARIAN ACADEMY OF SCIENCES
ERASMUS Training Staff Mobility – Lifelong Learning Programme
Biomathematics
Certificate
- SEPTEMBER 25 – 28, 2011
STATISTICAL SOCIETY OF SLOVENIA & UNIVERSITY OF LJUBLJANA & STATISTICAL OFFICE OF RS
ERASMUS Training Staff Mobility – Lifelong Learning Programme
Applied Statistics (Biostatistics, Bioinformatics, Design of experiments, Econometrics, Mathematical Statistics, Modeling and Simulation, Sampling Techniques, Statistical Applications, Statistics Education)
Certificate
- 13th MAY 2011
WORLD COURIER, Cluj-Napoca, Cluj
2nd Breakfast Seminar – Partners in Clinical Trials
- 31st MAY – 4th JUNE 2010
PRIME – UNIVERSITY OF BRIGHTON, “IULIU HAȚIEGANU” UNIVERSITY OF MEDICINE AND PHARMACY CLUJ-NAPOCA
“Teaching and Learning, A Course for Medical Educators” - Certificate of Attendance
- 6 – 12 JULY 2008
INSTITUTOS SUPERIORES DE ENGENHARIA DO PORTO (PORTUGAL)
“Summer School on Neural Networks in Classification, Regression and Data Mining” - Certificate of Attendance
- 22 –25 JUNE 2008
LOUIS PASTEUR UNIVERSITY OF STRASBOURG, FRANCE
ECOLE D’ÉTÉ DE STRASBOURG EN CHEMOINFORMATIQUE
“Strasbourg Summer School on Chemoinformatics: CheminfoS3” - Certificate of Attendance
- 6 – 11 APRIL 2008
UNIVERSITY COLLEGE LONDON (UCL), London, UK
“Introduction to Practical Statistics for Medical Research” - Certificate of Attendance

- Dates
• Name and type of organisation providing education and training
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• Title of qualification awarded
- 10 – 13 DECEMBER 2007
DUBLIN MOLECULAR MEDICINE CENTRE (DMMC); NGO – Irish registered charity
CHY 14307
“Techniques & Strategies in Molecular Medicine” – Certificate of Attendance
- DECEMBER 2007
OXFORD UNIVERSITY
Higher Education
“Introduction to Bioinformatics” - Certificate of Attendance
- NOVEMBER 2007
ACCELRY'S SOFTWARE INC.
Private Multinational Company
User certificate – Accelrys Software
- 22 – 26 OCTOBER 2005
AMERICAN MEDICAL INFORMATICS ASSOCIATION
“Biomedical and Health Informatics from Foundations to Applications and Policy” -
Certificate of Attendance
- 28 NOVEMBER - 2 DECEMBER 2004
RADIOLOGICAL SOCIETY OF NORTH AMERICA
“Introduction to Research for International Young Academics (YRIA) 2004” -
Certificate of Attendance
- 12 – 16 JUNE 2004
ROMANIAN CULTURAL INSTITUTE
NGO
“11th International Workshop on MRI and MRS, Summer School on Magnetic
Resonance Imaging and Spectroscopy, From Basic to Advance Applications” -
Certificate of Attendance
- 4 - 9 MARCH 2004
EUROPEAN ASSOCIATION OF RADIOLOGY
“European Congress of Radiology” - Certificate of Attendance
- 1 JUNE - 30 SEPTEMBER 2002
UNIVERSITY OF CENTRAL LANCASHIRE
Higher Education
HEALTH INFORMATICS RESEARCH TRAINING
The use of the GPIMM/TNAMM Toll in the Delivery of the HER
ATLAS.ti Workshop
- 3 – 14 JULY 1998
SOROS FOUNDATION
NGO
Psychological support for PLHA, 4th International Summer School STOP AIDS -
Certificate of Attendance

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PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ROMANIAN

OTHER LANGUAGES

ENGLISH

FRENCH

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
A2	Basic user	B1	Basic user	A2	Basic user	A2	Basic user	A2	Basic user

SOCIAL SKILLS AND COMPETENCES

- ♣ EXTREMELY ORGANISED PERSON
- ♣ END-ORIENTED WORK CAPACITY
- ♣ PROBLEM-SOLVING ATTITUDE
- ♣ RESPONSIBILITY, SELF-RESPECT AND SELF-RELIANCE
- ♣ STRONG REFERENTIAL VALUES OF FAIRNESS, EQUITY AND DIGNITY
- ♣ ABILITY TO ESTABLISH AND MAINTAIN GOOD WORKING RELATIONS AND COMMUNICATION WITH PEOPLE AND STUDENTS OF DIFFERENT NATIONAL AND CULTURAL BACKGROUNDS

ORGANISATIONAL SKILLS AND COMPETENCES

- ♣ Manager of 2 research projects (Member/Researcher/Target group of other 15 projects)
- ♣ Mentor: ① 20 licence thesis (16 defended); ② 15 PhD students (6 defended); ③ 2 internal grants (1494/7/28.01.2014 - *Statistical modeling of data collected through newly ultrasound technique of early malignant melanoma*), & 1495/2/28.01.2014 - *Mathematical modelling of diabetic nephropathy*; ④ 3 post-doc researcher grants (POSTRU: 7135/78/30.04.2014 - *Prediction of cytotoxicity, analgesic and anti-inflammatory activity on hydrazinothiazole and hydrazinoselenazole compounds* & 7135/19/30.04.2014 - *Assessment of quality of life in patients treated for head and neck squamous cell carcinomas* & POCU: 2021 - *Development and Validation of an atherosclerosis experimental model*)
- ♣ Editorial activities: [Applied Medical Informatics](#) (Executive Editor), [Notulae Scientia Biologicae](#) (Associate Editor), [Notulae Botanicae Horti Agrobotanici Cluj-Napoca](#) (Associate Editor), [Mathematics](#) (Editorial Board Member), [Combinatorial Chemistry & High Throughput Screening](#) (Editorial Board Member: Molecular Design and Informatics), [PlosOne](#) (Academic Editor)

PUBLICATIONS

BOOKS

28 BOOKS OR BOOKS CHAPTERS: <http://sorana.academicdirect.ro/books/>

ARTICLES

344 ARTICLES: <http://sorana.academicdirect.ro/articles/>

CITATIONS

2797 ARTICLES / THESIS / PATENTS: <http://sorana.academicdirect.ro/cites/>

CONFERENCES

231 CONFERENCE PRESENTATIONS: <http://sorana.academicdirect.ro/conferences/>

RESEARCH GRANTS

6 INTERNATIONAL (MEMBER) & 20 NATIONAL (2 PRINCIPAL INVESTIGATOR) - <http://sorana.academicdirect.ro/pages/grants.php>

PROFESIONAL ASSOCIATIONS

COLEGIUL MEDICILOR CLUJ (MEMBRU)
 INTERNATIONAL SOCIETY FOR CLINICAL BIostatISTICS, ROMANIAN NATIONAL GROUP (CHAIR OF THE CLUJ-NAPOCA GROUP)
 SOCIETATEA ROMÂNĂ DE BIostatISTICĂ ŞI METODOLOGIA CERCETĂRII MEDICALE (FOUNDING MEMBER)
 ROMANIAN SOCIETY OF MEDICAL INFORMATICS (ELECTED CHAIR)

REVIEWER

ARTICLES/CONFERENCES RESEARCH PROJECTS

WEB OF SCIENCE: <https://www.webofscience.com/wos/author/record/288978>

- 2007: 3 NATIONAL SCIENTIFIC GRANT COMPETITIONS
- 2008: 2 NATIONAL SCIENTIFIC GRANT COMPETITIONS & 1 BULGARIAN
- 2009: 2 NATIONAL SCIENTIFIC GRANT COMPETITIONS
- 2013: 1 EUROPEAN SCIENTIFIC GRANT COMPETITION & 1 NATIONAL SCIENTIFIC GRANT COMPETITION
- 2014: 1 LOCAL SCIENTIFIC GRANT COMPETITION & 1 BULGARIAN & 3 EUROPEAN SCIENTIFIC GRANT COMPETITIONS
- 2015: 11 EUROPEAN SCIENTIFIC GRANT COMPETITIONS
- 2016: 2 NATIONAL SCIENTIFIC GRANT COMPETITIONS & 3 EUROPEAN SCIENTIFIC GRANT COMPETITIONS
- 2017: 3 EUROPEAN SCIENTIFIC GRANT COMPETITIONS
- 2018: 3 EUROPEAN SCIENTIFIC GRANT COMPETITIONS
- 2019: 3 EUROPEAN SCIENTIFIC GRANT COMPETITIONS
- 2020: 3 EUROPEAN SCIENTIFIC GRANT COMPETITIONS & 1 ROMANIAN SCIENTIFIC GRANT COMPETITION
- 2021: 2 EUROPEAN SCIENTIFIC GRANT COMPETITIONS
- 2022: 4 EUROPEAN SCIENTIFIC GRANT COMPETITIONS

TECHNICAL SKILLS AND COMPETENCES

EXCELLENT TECHNICAL AND PRACTICAL SKILLS IN:

- ÷ WORKING WITH DESK EQUIPMENT
- ÷ WEB-DESIGN (MY OWN WEBSITES AND APPLICATIONS, ALSO WEB PAGES FOR MY STUDENTS)
- ÷ ABILITY TO USE ICT FEATURES AND APPLICATIONS

COMPUTER SKILLS AND COMPETENCES

EXCELLENT COMPUTER PROFICIENCY (ADVANCE/EXPERT) IN:

- ÷ PC OPERATION SYSTEMS: WINDOWS 2000, WINDOWS XP, WINDOWS 2007.
- ÷ EDITING: MICROSOFT WORD, MICROSOFT EXCEL, MICROSOFT POWERPOINT, MICROSOFT PUBLISHER, ADOBE ACROBAT (WRITER/READER), HYPER CHEM, CHEM WINDOW, OPEN OFFICE.
- ÷ DATABASES: MICROSOFT ACCESS, MICROSOFT EXCEL.
- ÷ STATISTICAL ANALYSIS: STATISTICA, SPSS, EPIINFO, EASYFIT, NCSS.
- ÷ PHOTO EDITING: ADOBE PHOTOSHOP, DICOM WORKS, IRFAN VIEW, MICROSOFT PHOTO EDITOR.
- ÷ NETWORKING: OUTLOOK EXPRESS, MICROSOFT OUTLOOK, HTML SCRIPT, OPERA, FIREFOX.

DRIVING LICENCE

CATEGORY B

OTHER SKILLS AND COMPETENCES

GOOD ABILITY TO ORIENT MYSELF IN NEW GEOGRAPHICAL, PHYSICAL AND ORGANISATIONAL SETTINGS

VISIBILITY

ORCID: <https://orcid.org/0000-0002-2342-4311>

RESEARCHGATE: https://www.researchgate.net/profile/Sorana_Bolboaca

GoogleScholar: <https://scholar.google.com/citations?user=igUdSZcAAAAJ>

Cluj-Napoca
May 22, 2023

Sorana D. BOLBOACĂ

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