



Curriculum Vitae

Personal information

First name(s) / Surname(s)

Address

E-mail(s)

Richard David-Rus

Institutul de Antropologie "Francisc I. Rainer"

Casa Academiei, bd, 13 septembrie nr. 13, etaj 3, sector 5, Bucuresti

davidrus.iafr@gmail.com

Work experience

Dates

Occupation or position held

Main activities and responsibilities

2010 – present

Researcher

Personal projects: research on methodological and philosophical aspects of scientific practice esp. interdisciplinary approaches;

Topics as: scientific explanation and understanding, methodological aspects of specific anthropological approaches (e.g. multispecies anthropology etc)

Projects in collaboration: responsible for statistical analysis and data-management of biomedical and anthropometrical data using SAS, R language biomedical projects.

Major projects:

National project on metabolic syndrome and diabetes - implementing multivariate statistical analysis: factor analysis, principal component cluster analysis

International collaborative project (6 countries) financed by CNRS (France) &

Romanian Academy: *Mondialisation des Comportements Alimentaires* –

investigations in nutritional anthropology – principle responsible for data analysis – implementing categorical data analysis in a few studies of the project

National Project on wellbeing and sleep patterns of children from migrant families – responsible for data categorical analysis (implementing latent variable analysis)

Francisc Rainer Anthropological Institute, Romanian Academy

Research

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

2017 – 2025 different periods

visiting fellow & scientific collaborator,

Philosophical and methodological research, statistical analysis & data-management

Munich Center for Mathematical Philosophy, Munich University Clinic

Research

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

2013 -2015

Lecturer

Teaching introductory classes in statistical reasoning & critical thinking

University Bucharest, UNESCO -Chair MBA Master Program

Education

Dates

Occupation or position held

09/2008 - 06/2010

Internship, research assistant, data analyst,

Main activities and responsibilities	statistical analysis using SAS and Stata, Statistical analysis and data-management of hospitalization big-datasets Responsibilities: providing - statistical modeling for epidemiological study on NJ firearm suicides using data on their hospitalizations - statistical analysis for the study of the readmissions rates for the NJ hospitals - data management using SAS system - large datasets NJ hospital discharge data - categorical data analysis and regression modeling using SAS system
Name and address of employer	Center for Health Statistics, New Jersey Department of Health, Trenton, NJ (USA)
Type of business or sector	Research
Dates	09/2006 - 09/2008
Occupation or position held	research assistant
Main activities and responsibilities	Responsible for statistical data analysis of gene and micro-RNA expression data in Dr Brzustowicz Lab & in Dr Chiu-Groff Lab
Name and address of employer	New Jersey Center for Human Genetics, Rutgers University, New Jersey (USA)
Type of business or sector	Research
Dates	2000-2004
Occupation or position held	Research assistant
Main activities and responsibilities	Research methodology of science (Wissenschaftstheorie)
Name and address of employer	LMU – Graduirtenkolleg <i>Sprache Information Logik</i>
Type of business or sector	Research
Dates	1993 -1998
Occupation or position held	Research assistant
Main activities and responsibilities	Statistical analysis of biomedical and anthropometrical data
Name and address of employer	Institute of Anthropology, Romanian Academy
Type of business or sector	Research

Education and training

Dates	01/01/2007 - 01/12/2009
Title of qualification awarded	Master of Science
Principal subjects / occupational skills covered	Statistics, Biostatistics
Name and type of organisation providing education and training	Rutgers University Piscataway, New Jersey (USA)
Level in national or international classification	ISCED 7
Dates	1999-2002
Title of qualification awarded	PhD (final examination 2009)
Principal subjects / occupational skills covered	research in logic, methodology of science, research assistant in the DFG-project SIL
Name and type of organisation providing education and training	Munich University, Seminar fur Logik und Wissenschaftstheorie Munich (Germany)
Level in national or international classification	ISCED 8
Dates	1996 – 1997
Title of qualification awarded	MA
Principal subjects / occupational skills covered	Logic & Philosophy of Science
Name and type of organisation providing education and training	University of Bucharest, Faculty of Philosophy, Bucharest (Romania)

Level in national or international classification	ISCED 7							
Dates	1991 – 1996							
Title of qualification awarded	Diploma							
Principal subjects / occupational skills covered	Philosophy							
Name and type of organisation providing education and training	University of Bucharest, Faculty of Philosophy, Bucharest (Romania)							
Level in national or international classification	ISCED 6							
Dates	1988 – 1993							
Title of qualification awarded	Diploma							
Principal subjects / occupational skills covered	Physics/ biophysics							
Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics, Bucharest (Romania)							
Level in national or international classification	ISCED 6							
Fellowships, Honors, Awards	Research Fellowship DFG (German Federal Research Society), DAAD (German Federal student Exchange) fellowship, TEMPUS Fellowship (European), Hans-Seidel Foundation Fellowship, EPER Swiss Fellowships, Romanian Governmental Merit Fellowship							
Membership affiliations	Romanian Anthropological Society, European Anthropological Association, ASA - American Statistical Association (USA), IBS - International Biometric Society, European Philosophy of Science Association							
Personal skills and competences								
Mother tongue(s)	Romanian, German (heritage speaker; fully relearned)							
Other language(s)								
Self-assessment								
European level (*)								
English								
German								
French								
Social skills and competences	communication skills, teamwork (in interdisciplinary groups) project coordination.							
Organisational skills and competences	Sense of organisation, Evaluation skills, Critical thinking,							
Technical skills and competences	Critical thinking, strong analytical skills,							
Computer skills and competences	Statistical software: R-language, SAS, SPSS, EpiInfo							
Driving licence(s)	Yes, class B							

List of selected scientific publications

Scientific Papers

Moreau M., Bruse S.E., David-Rus R., Buyske S., Brzustowicz L. M., *Altered microRNA expression profiles in post-mortem brain samples from individuals with schizophrenia and bipolar disorder*, Biological Psychiatry Vol. 69, Issue 2, January 2011, p 188-193.

Hempstead K, Nguyen T, David-Rus R, Jacquemin B. *Health Problems and Male Firearm Suicide*. Suicide and Life-Threatening Behavior 43:1, 1-16, 2013.

Milici N., David-Rus R., *Factorial analysis of the components of metabolic syndrome in an obese subjects lot*, Biometrie Humaine et Anthropologie tome 29 nr 1-2, 2011 pp. 45-54.

Popescu-Spineni D., Glavce C., David-Rus R., Manuc D., Roville-Sausse F., *The Nutritional Transition Process in Children and Adolescents from Bucharest*, Biometrie Humaine et Anthropologie, tome 29, No 3-4, 2011, pp 145-154

Dana Popescu-Spineni, Sabina Popescu-Spineni, Cristiana Glavce, Richard David-Rus, Constantin Ionescu-Tirgoviste, Francoise Roville-Sausse, *Proposant des scores pour le dépistage et le suivi de l'obésité pendant le processus de croissance*, in T. Handjeva-Darlenska (ed) BASORD, Mondialization du comportement alimentaire et facteurs de risque pour l'obésité et le diabète, Simel Press Bulgaria 2012.

Milici Nicoleta, David-Rus Richard, *Le rôle de l'obésité centrale dans l'étiopathogénie du syndrome métabolique dans une population adulte provenant de Roumanie*, in T. Handjeva-Darlenska (ed) BASORD, Mondialization du comportement alimentaire et facteurs de risque pour l'obésité et le diabète, Simel Press Edt., Sofia, 2012.

Borosanu A., A. Neagu, R David-Rus, *Le rôle du rythme veille-sommeil dans l'augmentation de la prévalence de la surpoids chez les adolescents roumains*. in T. Handjeva-Darlenska (ed) BASORD, Mondialization du comportement alimentaire et facteurs de risque pour l'obésité et le diabète, Simel Press Edt., Sofia, 2012, pp 83-93

Glavce C., Borosanu A., David-Rus R. *A study on adolescents' perception of the family's foodsources from two cities in South Romania*. Annuaire Roumain D'Anthropologie. Tome 52: 55-68, 2015

David-Rus R., Borosanu A., Iancu E., Glavce C. *Does your mom go to farmers' market or do you eat from your uncle's garden?* Proceedings XIX-th Congress of the Spanish Society for Physical Anthropology - „Poblaciones humanas, genética, ambiente y alimentación”, 23-26 juin 2015, Madrid, 2016

David-Rus R, Borosanu A, Iancu E, Glavce C, *Une application de certaines représentations visuelles pour les données catégorielles sur l'échantillon roumain du projet GDRI* in vol. 'III Colloque International Francophone Mondialisation des Comportements Alimentaires et Facteurs de Risques Pour L'obésité et le Diabète' ed S Handjiev, p9-18, Simel Press Edt., Sofia 2016

Dana Popescu-Spineni, Richard David-Rus, Simona Carniciu, Irina Eclemea and Anca Magdalena Munteanu, *Westernization versus mediterraneanisation in the diet of teenagers from Bucharest*, Proc. Rom. Acad., Series B, 2018, 20(1), p33-42

Borosanu, A, David-Rus, R. *Lifestyle transformation of left behind children in context of Romanian work migration*, Proc. Rom. Acad., Series B, Chemistry, Life Sciences and Geosciences, 2019, 21(3), p. 193–197.

Methodology, logic, philosophy of science papers

David-Rus, Richard. *Defending understanding without explanation*. in Understanding and Conscious Experience, eds A Marasoiu, M Dumitru, Routledge 2024, pp. 75-95.

David-Rus, Richard. *Understanding without explanation: a still open issue*, Filozofia Nauki 29.3 (115) (2021): 89-106.

David-Rus, R. *On Understanding Through agent-based models*, Balkan Journal of Philosophy 9.1, 2017, p53-62.

David-Rus R., *Some Considerations on Understanding through Models and Simulations*, in vol2 Studies in epistemology and value theory, eds. M. Draghici, G. Nagat, Academiei Publ House, Bucuresti 2016.

David-Rus R, Popescu-Spineni D. *Revisiting the evidence-based medicine paradigm, the need to be aware of its limitations- A quick overview and a brief review of some recent critiques*, Proceedings of the Romanian Academy Series B – Chemistry, Life Sciences and Geosciences, vol 19, iss. 3, septembrie-decembrie 2015, ISSN: 1454-8267;

David-Rus R., *Explaining through agent-based models in ecoanthropology*, in the volume Science in the Mirror, Teodor Frunzeti, Marinel-Adi Mustata (eds), Tricorne Editions Publishing House Geneve, 2013

David-Rus R, *Some considerations on scientific explanation in interdisciplinary contexts*, Symposion tom X, nr 1 (19), 2013.