

Curriculum Vitae (updated July 2017)

Silvia Ioana Fierăscu, PhD

April 22, 1987

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Education

PhD in Comparative Politics and Network Science, *summa cum laude* Sep 2012 – Jun 2017
Doctoral School of Political Science, Public Policy and International Relations;
Center for Network Science, Central European University, Budapest, Hungary
Thesis: *The Networked Phenomenon of State Capture. Network Dynamics, Unintended Consequences, and Political-Business Elite Relations in Hungary, 2009-2012*
Supervisor: Assoc. Prof. Balazs Vedres

Visiting Scholar Oct – Nov 2016
Department of Sociology, University of Cambridge, Cambridge, UK

MA in Political Science, *Best MA Thesis Award* Sep 2009 – Jun 2011
Department of Political Science, Central European University, Budapest, Hungary
Thesis: *The Effect of Electoral Reform on Members of the Romanian Parliament: A Network Analysis*
Supervisor: Prof. Gabor Toka

BA in Political Science, *Certificate of Excellency* Oct 2006 – Jun 2009
Department of Political Science, West University of Timisoara, Timisoara, Romania
Thesis: *The Vocabulary of New Social Movements in the Post-Communist Area. The Case of Romania*
Supervisor: Assist. Prof. Lucian Vesalon

Erasmus Visit Sep 2008 – Feb 2009
Society, Politics and Policy Programme, School of Media, Culture and Society
University of the West of Scotland, Paisley, UK

Research and Work Experience

Founder and CEO, *Social Networks Research SRL-D* Jul 2017 - present
Research and Development Company in the Social Sciences and Humanities

Research Collaborator Jul 2017 - present
Center for Policy Studies, West University of Timisoara, Timisoara, Romania

Researcher Jul 2017
COHESIFY – Understanding the Impact of EU Cohesion Policy on European Identification
Horizon 2020 project, 2016-2020

Consultant and Analyst May 2017 – present
Open Society Initiative for Europe, Open Society Foundations, Budapest, Hungary

Co-leader of the Working Group <i>Exploring (Massive) Network Data</i> <i>European Cooperation for Statistics of Network Data Science (COSTNET)</i> European Cooperation in Science and Technology (COST) Action CA15109, 2016-2020	Mar 2016 – present
Product Developer and Analyst Maven Seven Network Research Inc., Budapest, Hungary	Sep 2015 – Sep 2016
Research Fellow Center for Network Science, Budapest, Hungary	Sep 2012 - present
Researcher Open Society Foundations - Central European University Liaison Office, Budapest, Hungary	Oct 2012 - Apr 2013
Researcher International Higher Education Support Program of the Open Society Institute, Budapest, Hungary	Jan 2012 - Mar 2012
Research Assistant Center for Network Science, Central European University, Budapest, Hungary	Oct 2011 - Jun 2012
Analyst Gordio Consult Kft., Budapest, Hungary	Oct 2011 - Jun 2012
Research Assistant Median Research Centre, Bucharest, Romania	Jan 2011 – Oct 2011

Teaching Experience

Instructor, <i>Introduction to Exploratory Network Analysis</i> ECPR Summer School in Methods and Techniques, Budapest, Hungary	Jul 2017
Instructor, <i>Introduction to Network Science and Applications</i>, BA and MA course Rajk László College for Advanced Studies, Budapest, Hungary	Feb 2017 – May 2017
Teaching Assistant <i>Theoretically Informed Network Analysis for Social Scientists</i> (Balázs Vedres), PhD short-course ECPR Summer School in Methods and Techniques, Budapest, Hungary	Aug 2016
Teaching Assistant <i>Network Science</i> (Albert-László Barabási), MA and PhD course Center for Network Science, Central European University, Budapest, Hungary	May 2015, May 2016
Teaching Assistant <i>Fundamental Ideas in Network Science</i> (János Kertész), PhD course Center for Network Science, Central European University, Budapest, Hungary	Sep 2014 – Dec 2014
Teaching Assistant <i>Marx, Durkheim, and Weber as Comparative Political Theorists</i> (Herbert Kitschelt), PhD course Doctoral School of Political Science, Public Policy and International Relations, Central European University, Budapest, Hungary	Jan 2014 – Apr 2014
Teaching Assistant, <i>Teaching Assistant of the Year Award</i>	Sep 2013 – Dec 2013

Quantitative Methods: Analyzing Countries and People (Levente Littvay), MA course
Department of Political Science, Central European University, Budapest, Hungary

Teaching Assistant Jan 2012 – Apr 2012
Topics in Advanced Statistics: Experimental Design (Levente Littvay), PhD course
Department of Political Science, Central European University, Budapest, Hungary

Administrative Experience

Organizer and chair of the Working Group on *Exploring Massive Network Data* Sep 2016, Oct 2017
COSTNET Action Conference *Statistical Network Science*, Ribno, Slovenia;
COSTNET Action Conference *Statistical Network Science*, Palma de Mallorca, Spain

Member of the Management Committee for Hungary Mar 2016 - present
European Cooperation for Statistics of Network Data Science (COSTNET)
European Cooperation in Science and Technology (COST) Action, CA15109, 2016-2020

Participant at the *Project Management Workshop* Jun 2015
Professional Skills Program, Central European University, Budapest, Hungary

Founder and organizer *Data Stories Research Visualization Exhibition* 2013 – present
Annual, interdisciplinary, international exhibition on data visualization hosted by the Center for Network Science, Central European University, Budapest, Hungary

Student Representative, Library Committee Oct 2010 – Jun 2011
Central European University, Budapest, Hungary

Student Representative, Committee for Quality Assurance in Higher Education Oct 2009 – Jun 2010
Central European University, Budapest, Hungary

Student Representative, Electoral Committee Oct 2009 – Jun 2010
Central European University, Budapest, Hungary

Student Representative, Department of Political Science Oct 2009 – Jun 2011
Central European University, Budapest, Hungary

Student Representative, Department of Political Science Sep 2007 – Jun 2008
West University of Timișoara, Timisoara, Romania

Selected Conference & Working Papers

Rules of Attraction and Corruption Risks in Public Procurement. Theories and Evidence for the Formation and Evolution of State Capture. Working Paper

The Vocabulary of Corruption Risks in Public Procurement. Advances in the Comparability of Corruption Research across Procurement Markets and Countries. Working Paper

Micro-Structures of Corruption Risks in Hungarian Public Procurement, 2009-2012, poster presentation, Workshop on Statistical Network Analysis - Challenges in Industry and Society, Turing Gateway to Mathematics, Cambridge, UK, Nov 2016

State Capture and Party Colonization in Post-Communist Hungary: A Network Analysis of Business-Political Logics of Action, Mid-West Political Science Association Annual Conference, Chicago, IL, USA, Apr 2015

Politicizing the Economy. Patterns of Political Control Over Market Resources in Post-Communist Hungary, Annual Doctoral Conference, Central European University, Budapest, Hungary, Apr 2015

The Networked Phenomenon of State Capture: A Theoretical Framework of Political- Business Elite Networks in Hungary, 1986-2006, Annual Doctoral Conference, Central European University, Budapest, Hungary, Apr 2014

Parliamentary Representation under Changing Electoral Rules: Policy networks vs. Pork-Barrel Networks in the Romanian Parliament, ECPR Joint Sessions of Workshops, Antwerp, Belgium (co-authored with Mihail Chiru), Apr 2012

Policy Networks or Pork Barrel Networks? A Case of Changing Electoral Rules, The Inaugural General Conference of the ECPR Standing Group on Parliaments, Dublin, Ireland (co-authored with Mihail Chiru), Jun 2012

Strategic Collaborations in Legislative Networks, XXXII INSNA Sunbelt Social Networks Conference, Redondo Beach, CA, USA, Mar 2012

Legislative Behavior in Romania. A Network Analysis, NetSci - International School and Conference on Network Science, Budapest, Hungary, Jun 2011

Patterns of Legislative Behavior. A Network Analysis on Electoral System Change, American Sociological Association Spring Methodology Conference, Tilburg, the Netherlands, May 2011

Invited Talks

Network Science and its Applications Workshop Aug 2016
Isaac Newton Institute for Mathematical Sciences, Cambridge, UK
Applying network science to political problems. A conceptual and analytical framework for understanding and predicting corruption risks in business-political networks

Vicsek Lab April 2016
Department of Biological Physics, Institute of Physics, Eötvös Loránd University, Budapest, Hungary
Corruption Networks

Scholarships and Grants Awarded

Doctoral Research Support Grant Oct – Nov 2016
Central European University, Budapest, Hungary

Academic Events Fund Apr 2013 – present
Academic Cooperation and Research Support Office, Central European University, Budapest, Hungary

CEU Doctoral Scholarship Oct 2012 – Sep 2015
Central European University, Budapest, Hungary

Research and Travel Grants Central European University, Budapest, Hungary	2010 - 2015
Winter School Grants Central European University, Budapest, Hungary	Mar 2011, Mar 2014
CEU Master's Scholarship Central European University, Budapest, Hungary	Oct 2010 – Sep 2011
CEU Master's Tuition Award Central European University, Budapest, Hungary	Oct 2009 – Sep 2010

Independent Coursework

Inferential Network Analysis (Skyler Cranmer), advanced course ECPR Winter School in Methods and Techniques, Vienna, Austria	Feb 2014
Dynamic Network Analysis Workshop (Jürgen Pfeffer) INSNA Sunbelt Social Networks Conference XXXII, Redondo Beach, CA, USA	Mar 2012
Analyzing Network Dynamics using RSiena (Tom Snijders), advanced course Oxford Spring School in Quantitative Methods for Social Research, Oxford, UK	Mar 2011

Certifications

Doctoral Certificate of Specialization in Network Science Center for Network Science, Central European University, Budapest, Hungary	Sep 2012 – present
Certificate of Specialization in Political Research Methodology and Social Analysis Department of Political Science, Central European University, Budapest, Hungary	Sep 2009 - Jun 2011
Certificate of Student Evaluator in Quality Assurance in Higher Education Romanian Agency for Quality Assurance in Higher Education (ARACIS) and Romanian National Alliance of Student Organizations (ANOSR), Bucharest, Romania	May 2007

Honors and Awards

Summa cum laude Doctoral Dissertation, Central European University, Budapest, Hungary	Jun 2017
Teaching Assistant of the Year Department of Political Science, Central European University, Budapest, Hungary	Jun 2014
Best MA Thesis Award Department of Political Science, Central European University, Budapest, Hungary	Jun 2011
Certificate of Excellency Department of Political Science, West University of Timisoara, Timisoara, Romania	Jun 2009

Research Interests

Anti-Corruption, Comparative Politics, Corruption Networks, Electoral and Party Systems, Network Science, Political Networks, Quality of Democracy, Research Methodology

Membership in Professional Organizations

Center for Policy Studies, West University of Timisoara, Timisoara, Romania	Jul 2017 - present
Mid-West Political Science Association	Dec 2014 - present
European Consortium for Political Research	Sep 2012 - present
Center for Network Science, Central European University, Budapest, Hungary	Sep 2012 - present
International Network for Social Network Analysis	Mar 2012 - present
Political Behavior Research Group	Sep 2009 - present

Side Projects

Data Stories Research Visualization Exhibition 2013 - present
International, interdisciplinary, cross-collaborative event on qualitative and quantitative visualizations
<http://datastories2017.weebly.com/>

snresearch to be launched in September 2017
Compact pool of academic and professional resources on political networks, social network analysis, and networks science
<http://snresearch.weebly.com/>

Analysis Software

Proficient:	ORA (Casos), Ucinet, Gephi, CFinder
Advanced:	R, SPSS, NodeXL, LaTeX
Beginner:	NetLogo

Languages

Romanian	(native)
English	(proficient)
German	(basic communication skills and working knowledge)
Spanish	(basic communication skills and working knowledge)

References

Balázs Vedres

Associate Professor, Department of Sociology and Social Anthropology
Director, Center for Network Science
Central European University
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Levente Littvay

Associate Professor, Department of Political Science
Central European University
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András Bozóki

Professor, Department of Political Science
Central European University
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Albert-László Barabási

Visiting Professor, Center for Network Science, Central European University
Distinguished University Professor
Robert Gray Dodge Professor of Network Science
Director, Center for Complex Network Research, Northeastern University
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