

SALVADOR RIVAS, PHD

University of Luxembourg
FLSHASE / DECANAT
11, Porte des Sciences
L-4366 Esch-sur-Alzette, G.D.L.

salvador.rivas [at] uni.lu
<http://staff.uni.lu/salvador.rivas>
+352 466 644 6642
+1 202 630 7478

EDUCATION

- 2007: Post-doctorate in Demography: University of Wisconsin-Madison (U.S.A.)
- 2004: PhD in Sociology: University of Michigan-Ann Arbor (U.S.A.)
- 1997: Bachelor of Arts in Sociology: University of California-Los Angeles (U.S.A.)

RESEARCH & PROFESSIONAL EXPERIENCE

- 2015-present: Research Scientist (*Maître-assistant*) in Educational Assessment at the Faculty of Language and Literature, Arts and Education (FLSHASE) of University of Luxembourg. Primary tasks include the development of admissions exams and procedures, the coordination and development of course evaluation questionnaires and procedures, and to aid in the development of the Faculty's Quality Assurance Office and programme.
- 2010-2015: *Collaborateur Scientifique* at the Faculty of Language and Literature, Arts and Education (FLSHASE) of University of Luxembourg. Primary task was to help lead the development and validation of a new admission exam for the Bachelor of Science in Education (BScE) program, Luxembourg's primary school teacher training program. A major goal of this project was to identify important non-cognitive measures that are predictive of success in college *and* teaching potential.
- 2007-2010: Research Analyst at American Institutes for Research (AIR) in Washington, D.C., U.S.A. Helped develop an innovative measure of socioeconomic status (SES) using special restricted-access geo-referencing census microdata and oversaw Background Variable item development on behalf of the National Center for Education Statistics (NCES) for the National Assessment of Educational Progress (NAEP) study.
- 2004-2007: Postdoctoral Fellow at the Center for Demography and Ecology (CDE) of University of Wisconsin-Madison, WI, U.S.A. Participated and collaborated on several demographic research projects using both cross-sectional and longitudinal data.
- 2003-2004: Research Associate at University of Michigan-Ann Arbor, MI, U.S.A. Population data research for General Motors Corporation. Responsible for preparing and presenting summary reports of demographic, social and economic trends based on Current Population Survey (CPS), General Social Science (GSS), Survey of Consumer Expenditure, and Decennial PUMS Census data.

EXPERTISE

- Subject matter expertise: university admissions; university course evaluations; social inequality and stratification, particularly issues concerning education, race/ethnicity, and immigrant status; measurement of race/ethnicity; measurement of non-cognitive psychosocial constructs; and diffusion of technological innovations.
- Project leadership and management: experience leading and coordinating the work of senior subject/policy-experts, mid-level colleagues, and research assistants; and developing and maintaining effective interagency partnerships and interdisciplinary team efforts.
- Technical expertise: large-scale item development; quantitative research methods; survey design and implementation; analyses of multilevel cross-sectional and longitudinal survey data; psychometric scale construction and psychometric analysis.

SELECTED ACADEMIC PUBLICATIONS & PRESENTATIONS

- Reichert, Monique, Charlotte Krämer, Salvador Rivas, Rachel Wollschläger, and Sonja Ugen. (2018) "Außerschulisches Lesen und Lesekompetenz Zum Zusammenhang zwischen den Deutsch- und Französisch-Lesekompetenzen von Neuntklässlerinnen und Neuntklässlern und ihren außerschulischen Lesegewohnheiten in Luxemburg." Paper presented at the Inagural LuxERA conference held on November 8-9, 2018 in Belval, Luxembourg.
- Reichert, Monique, Charlotte Krämer, Salvador Rivas, Rachel Wollschläger, and Sonja Ugen. (2018) "Faut-il lire, et que faut-il lire, pour mieux savoir lire? La compréhension de textes parmi les adolescents: tentative d'explication des différences interindividuelles." Paper presented at the 30th annual meeting of the ADMEE-Europe held on January 10-12, 2018 in Belval, Luxembourg.
- Ferreira, Ana, Jean-Louis Huynen, Vincent Koenig, Gabriele Lenzini, and Salvador Rivas. (2015) "Do graphical cues effectively inform users? A socio-technical security study in accessing wifi networks." In *Lecture Notes in Computer Science*.
- Weinerth, Katja, Vincent Koenig, Salvador Rivas, Martin Brunner, and Romain Martin. (2014) "HCI Design Methods in CBA: Lessons Learned and Recommendations Based on a Concept Map Use Case." In Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications.
- Ferreira, Ana, Jean-Louis Huynen, Vincent Koenig, Gabriele Lenzini, and Salvador Rivas. (2013) "Socio-technical Study on the Effect of Trust and Context When Choosing Wireless Names." Paper presented in 9th International Workshop on Security and Trust Management held on September 12-13, 2013 in Egham, UK.
- Rivas, Salvador. (2012) "Improving Admission Decisions for a Teacher Training Program: The Case of a Multilingual and Multicultural Environment." Paper presented at annual meetings of the American Educational Research Association (AERA) held on April 13-17, 2012 in Vancouver, British Columbia, Canada.
- Dogan, Enis and Salvador Rivas. (2012) "A Blind Item-Review Process as a Method to Investigate Item Characteristics in Measuring Diverse Populations." Paper presented at annual meetings of the National Council on Measurement in Education (NCME) held on April 14-16, 2012 in Vancouver, British Columbia, Canada.
- Rivas, Salvador, Robert M. Hauser, and Vicky Chang. (2011) "Toward a Revised Socioeconomic Index using the American Community Survey, 2000-2006." Poster presented at the annual Spring meetings of the International Sociological Association (ISA) Research Committee on Social Stratification (RC28) held on April 13-16, 2011 at the University of Essex, UK.
- Ogut, Burhan and Salvador Rivas. (2011) "Deciphering Socioeconomic Status: Understanding the Association Between SES and Student Background Variables in the National Assessment of Educational Progress." Paper presented at the annual meetings of the American Educational Research Association (AERA) in New Orleans, LA held April 8 – April 12, 2011.
- Wilson, Franklin D., Uzi Rebhun, and Salvador Rivas. 2011. "Population Change and Changing Educational Attainment of Ethnic Groups in the United States, 1980-2000." *Population Research and Policy Review*, 30: 639-659.
- Rivas, Salvador and Burhan Ogut. (2010) "Understanding the Association Between the National School Lunch Program, SES, and Reading Among Grade 8 Students in NAEP." Paper presented at the annual meetings of the American Educational Research Association (AERA) in Denver, Colorado held April 30 - May 4, 2010.
- Rivas, Salvador and Ebony L. Walton. (2010) "Looking to the Past, to help the Future: Using Retired NAEP Variables to Improve ELL Identification." Paper presented at the American Educational Research Association (AERA) meetings in Denver, Colorado held April 30 - May 4, 2010.
- Rivas, Salvador, Burhan Ogut, and Oak Santrakul. (2010) "Shifting Demographics: Preparing for a New Race and Ethnicity Classification Scheme in NAEP." Paper presented at the annual meetings of the Population Association of America (PAA) in Dallas, Texas held April 15-17, 2010.

- Rivas, Salvador. (2007) "Digital Inequality Among U.S. Latinos: What do we know? What do we want to know?" Invited presentation at eChicago: Understanding and Implementing Local Community Use of Information Technology symposium hosted by the Graduate School of Library and Information Science at Dominican University on April 20, 2007.
- Rivas, Salvador. "Coverage Error: Achilles' Heel of Web-based Surveys." CDE Working Paper, No. 2006-06.
- Freese, Jeremy, Salvador Rivas, and Eszter Hargittai. 2006. "Cognitive Ability and Internet Use Among Older Adults." *Poetics*, 34:236-249.
- Rivas, Salvador, Gilbert Brenes, and Julieta Perez Amador. (2006) "Analfabetismo Cibernético: Una Nueva Dimensión de la Desigualdad Social en Latinoamérica." ["Cybernetic Illiteracy: A New Dimension of Social Inequality in Latin America."] Paper presented at the 2nd Congress of the Population Association of Latin America (ALAP) in Guadalajara, Jalisco, Mexico held September 3-5, 2006.
- Freese, Jeremy, Salvador Rivas, and Eszter Hargittai. (2006) "Cognitive Skills and Internet Use among Older Adults." Paper presented at the annual meetings of the American Sociological Association (ASA) in Montreal, Quebec, Canada held August 10-14, 2006.
- Rivas, Salvador and Jeremy Freese. (2006) "Income and Digital Inequalities in the United States." Invited presentation at the annual IRP Summer Research Workshop: Current Research on the Low-Income Population in Madison, Wisconsin held June 19-22, 2006.
- Freese, Jeremy and Salvador Rivas. (2005) "Cognition, Personality, and the Sociology of Response to Social Change: The Case of Internet Adoption." Paper presented at the annual meetings of the Gerontological Society of America (GSA) in Orlando, Florida. (CDE Working Paper, No. 2006-07)
- Rivas, Salvador. (2005) "The Divide in the Digital Divide: Race and Ethnic Differences in Computer Ownership, 1984-2003." Paper presented at the annual meetings of the American Sociological Association (ASA) in Philadelphia, Pennsylvania.
- Pedraza, Silvia and Salvador Rivas. (2005) "Family and Work: Immigrant Self-employment Among Latin American and Asian Immigrants in the U.S. in 2000." Paper presented at the annual meetings of the American Sociological Association (ASA) in Philadelphia, Pennsylvania.
- Pedraza, Silvia and Salvador Rivas. (2005) "Immigrant Self-employment Among Latin American and Asian Immigrants in the U.S. in 2000: A Tale of Resources, A Tale of Cities." Invited presentation at Mexican Immigrant Entrepreneurs mini-conference hosted by the UCLA Latin American Center, Los Angeles, California.
- Manfreda, Katja L., Mick Couper, Mateja Vohar, Salvador Rivas, and Vasja Vehovar. 2002 "Virtual Selves and Web Surveys." *Developments in Social Science Methodology*, 18: 187-213.
- Rivas, Salvador. (1997) "Educational Attainment as a Function of Delayed Acculturation." Paper presented at the American Sociological Association (ASA) meetings in Toronto, Canada.

UNIVERSITY / FACULTY SERVICE & PRESENTATIONS

- Rivas, Salvador. (2018) "Migration at the FLSHASE Survey." Descriptive analysis of intra-faculty survey data concerning Migration research activities among Faculty members, and preparation of key results for the FLSHASE Decanat.
- Rivas, Salvador. (2018) "FLSHASE Perception Survey." Descriptive analysis of survey data concerning the perception of the FLSHASE among key stakeholders, and the preparation of results for the FLSHASE Decanat.
- Rivas, Salvador. (2018) "Teacher Needs Survey 2018: Main Findings." Analysis of intra-university survey data and preparation of presentation communicating the main findings for the Office of the Vice-Rector of Academic Affairs at the University of Luxembourg.
- Rivas, Salvador. (2017) "FLSHASE IPSE Doctoral School: PhD Candidate Programme Study." Designed, implemented, and analysed a questionnaire study among PhD candidates about their experiences in the IPSE Doctoral programme. Report submitted to Head of Doctoral Programme.

- Rivas, Salvador. (2016) "Institutional Evaluation of the UL." Analysis of intra-faculty survey data among Faculty members about their opinions concerning the organization, functioning and developments of the Faculty; preparation of key results for the FLSHASE Decanat.
- Rivas, Salvador. (2012) "Meeting Quality Assurance Goals: An Admissions Research Programme for the FLSHASE." Concept paper outlining the vision and scope of a University Admissions Research Programme as part of a wider quality assurance plan, submitted for consideration in the 2014-2017 quadrennial plan at the University of Luxembourg.

WORK IN PROGRESS

- Rivas, Salvador and Gilbert Busana. "Toward new measures of social competencies associated with academic performance in college and the potential for effective teaching."
- Rivas, Salvador and Vincent Koenig. "S'Likert: Toward a new measurement scale: Combining the best of two worlds."
- Rivas, Salvador, and Armanda Hamtiaux. "Adaptability among first-year college students in a teacher-training program."
- Rivas, Salvador, and Yves Kreis. "Understanding mathematics related anxiety among pre-service teachers and subsequent teaching-style."
- Rivas, Salvador. "Who becomes a primary school teacher in Luxembourg? The effect of parent's occupation."

TEACHING EXPERIENCE

- Instructor. (October 16th – December 18th, 2018). "Skills-1: Statistical Analysis using Stata." Masters in Social Sciences and Educational Sciences programme at the University of Luxembourg, Belval Campus, Luxembourg.
- Co-instructor. (July 29th – August 2nd, 2013). "Categorical Data Analysis using Stata." Colegio de Mexico, Mexico City, Mexico.
- Co-instructor. (June 23rd – June 28th, 2008). "Introduction to the Malawi DHS: Demographic and Socio-Economic Analysis using Stata." Chancellor College, Zomba, Malawi. World Bank funded.
- Co-instructor. (January 20 – January 31, 2003). "Analysis of Survey Data for Social Science Research." Department of Economics, University of Cape Town, South Africa in collaboration with the School of Public Policy, University of Michigan.
- Co-instructor. (January 21 – February 1, 2002). "Analysis of Survey Data for Social Science Research." Department of Economics, University of Cape Town, South Africa in collaboration with the School of Public Policy, University of Michigan.
- Rivas, Salvador. Graduate Student Instructor. (Winter 2000) "Introduction to Research Methods." Department of Sociology, University of Michigan.
- Rivas, Salvador. Graduate Student Instructor. (Fall 1999) "Elementary Statistics." Department of Sociology, University of Michigan.

RESEARCH GRANTS

- Rivas, Salvador and Kate Williams. (2004). "Computer and Internet Use Among So-Called "Technology Have-Nots" in the Latino Community of Toledo, Ohio." Grant from the National Poverty Center, \$9,284.

HONORS AND AWARDS

- *Education Policy Fellowship Program*, Institute for Educational Leadership: Class of 2008-2009 Alumni
- *University of Colorado Population Center Award*, University of Colorado-Boulder. 2007
- *RAND Summer Institute Award*, RAND Corporation, Santa Monica, California. 2005
- *Dissertation Fellowship*, University of Michigan, Department of Sociology. 2004
- *Social Science Training Award*, University of Michigan, Institute for Social Research. 2002
- *Graduate Student Webshop Award*, University of Maryland, National Science Foundation. 2001
- *Sweetland Writing Center Fellow*, University of Michigan, Department of English Language and Literature. 2000
- *Horace H. Rackham Merit Fellowship*, University of Michigan, Rackham School of Graduate Studies. 1997-2002
- *Social Science Training Award*, University of Michigan, Institute for Social Research. 1997
- *Minority Fellowship Award*, American Sociological Association (declined). 1997

PROFESSIONAL AFFILIATIONS

- American Educational Research Association (AERA)
- National Council on Measurement in Education (NCME)
- American Sociological Association (ASA)
- Population Association of America (PAA)
- International Union for the Scientific Study of Population (IUSSP)
- European Association for Research on Learning and Instruction (EARLI)
- Population Studies Center (PSC): University of Michigan, Ann Arbor
- Center for Demography and Ecology (CDE): University of Wisconsin-Madison

ANCILLARY INFORMATION

- *Scientific Committee Member*: Mental Health & Recovery Conference, Luxembourg. 2013-2015.
- *Consultant*: American Institutes for Research, Washington, DC USA. 2006-2007 / 2010
- *Consultant*: Educational Testing Service, Princeton, NJ USA. 2010
- *Special Software/Technical Skills*: Stata, SPSS, SAS, Lisrel, Python; PC (Windows & Linux), Mac operating systems and software; mobile social media applications.
- *Languages*: English and Spanish (fluent in both), French (A2), German (A1), Luxembourgish (A1)