

## RAFFAELE VACCA

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July 2021

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### Appointments

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- 2019 - Assistant Professor, Department of Sociology and Criminology & Law, University of Florida
- 2021 - Faculty Affiliate, One Health Center of Excellence, University of Florida
- 2019 - Faculty Affiliate, Center for European Studies, University of Florida
- 2014 - Faculty Affiliate, Bureau of Economic and Business Research, University of Florida
- 2014 - Faculty Affiliate, Clinical and Translational Science Institute, University of Florida
- 2016 - 2019 Research Assistant Professor, Department of Sociology and Criminology & Law, University of Florida
- 2017 Visiting Professor, Department of Education, Psychology and Communication, University of Bari Aldo Moro (Italy)
- 2014 - 2016 Research Assistant Professor, Department of Family, Community and Health System Science, University of Florida
- 2013 - 2014 Post Doctoral Associate, Bureau of Economic and Business Research, University of Florida

## Research and Teaching Interests

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Social networks, Migration, Health inequalities, Science of science, Computational social science, Quantitative methods.

## Education

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Ph.D., Sociology and Urban Studies. University of Milan-Bicocca (2013).

M.S., Economic and Social Sciences, *cum laude*. Bocconi University (2009).

B.S., Economic and Social Sciences, *cum laude*. Bocconi University (2006).

## Other Training

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Visiting Scholar, Bureau of Economic and Business Research, University of Florida (2012)

Research Assistant, Observatoire Sociologique du Changement, Department of Sociology, Sciences Po Paris, France (2008)

Exchange Graduate Student, Department of Sociology, Sciences Po Paris, France (2007)

## Publications

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\* *Graduate student co-author* † *Equal contributors*

### Articles Under Review

Smith, T. B., Vacca, R., Mantegazza, L., & Capua, I. Natural language processing and network analysis provide novel insights on policy and scientific discourse around Sustainable Development Goals.

Wyngaerden, F.,\* Vacca, R., Dubois, V. & Lorant, V. The structure of social support: a multilevel analysis of the personal networks of people with severe mental disorders.

Fanfan, D., D'Ingeo, D., Vacca, R., & Stacciarini, J.-M. 'I feel lonely and isolated.' social experiences and personal networks of rural Latino adolescents. (Revise & resubmit).

### Peer-Reviewed Journal Articles

- Bilecen, B.,<sup>†</sup> & Vacca, R.<sup>†</sup> (2021). The isolation paradox: a comparative study of social support and health across migrant generations in the U.S. *Social Science & Medicine*, 114204.
- Vacca, R., Cañarte, D.,\* & Vitale, T. (2021). Beyond ethnic solidarity: the diversity and specialization of social ties in a stigmatized migrant minority. *Journal of Ethnic and Migration Studies*.
- King, L. M., LeBeau, K.,\* Hart, M., & Vacca, R. (2021). Organizational partnerships for a trauma-informed community: A community-wide social network study. *Journal of Community Psychology*.
- Smith, T.,\* Vacca, R., Krenz, T., & McCarty, C. (2020). Great minds think alike, or do they often differ? Research topic overlap and the formation of scientific teams. *Journal of Informetrics*, 15(1), 101104.
- Solano, G., Vacca, R., Gagliolo, M., & Dirk, J. (2020). Transnationalism and belonging: the case of Moroccan entrepreneurs in Amsterdam and Milan. *Social Inclusion*, 8(1), 300–313.
- Vacca, R. (2020). Structure in personal networks: constructing and comparing typologies. *Network Science*, 8(2), 142–167.
- Vacca, R., Stacciarini, J. M. R., & Tranmer, M. (2019). Cross-classified multi-level models for personal networks: detecting and accounting for overlapping actors. *Sociological Methods & Research*, 004912411988245.
- Leone Sciabolazza, V.,<sup>†</sup> Vacca, R.,<sup>†</sup> & McCarty, C. (2019). Connecting the dots: implementing and evaluating a network intervention to foster scientific collaboration and productivity. *Social Networks*, 61, 181–195.
- Athayde S., Mathews M., Bohlman S., Brasil W., Doria C. R., Dutka-Gianelli J., Fearnside P., Loisel B., Marques E., Melis T., Millikan B., Moretto E., Oliver-Smith A., Rossete A. N., Vacca R., Kaplan D. (2019). Mapping research on hydropower and sustainability in the Brazilian Amazon: advances, gaps in knowledge and future directions. *Current Opinion in Environmental Sustainability*, 37, 50–69.
- Stacciarini, J. M. R., Vacca, R., & Mao, L. (2018). Who and where: a socio-spatial analytic approach for community-based health research. *The International Journal of Environmental Research and Public Health*, 15(7), 1375.
- Vacca, R. (2018). Multilevel models for personal networks: methods and applications. *Italian Journal of Applied Statistics*, 30(1), 59–97.

- Vacca, R., Solano, G.,\* Lubbers, M. J., Molina, J. L., & McCarty, C. (2018). A personal network approach to the study of immigrant structural assimilation and transnationalism. *Social Networks*, 53, 72–89.
- Leone Sciabolazza, V., Vacca, R., Kennelly Okraku, T.,\* & McCarty, C. (2017). Detecting and analyzing research communities in longitudinal scientific networks. *PLoS One*, 12(8), e0182516.
- Kennelly Okraku, T.,\* Vacca, R., Jawitz, J. W., & McCarty, C. (2017). Identity and publication in non-university settings: academic co-authorship and collaboration. *Scientometrics*, 111(1), 401–416.
- Hamilton, C.,\* Vacca, R., & Stacciarini, J. M. R. (2017). The emergence of team science: understanding the state of adoption research through social network analysis. *Adoption & Fostering*, 41(4), 369–390.
- Stacciarini, J. M. R., Vacca, R., Wiens, B., Loe, E., LaFlam, M., & Pérez, A. (2016). FBO leaders' perceptions of the psycho-social contexts for rural Latinos. *Issues in Mental Health Nursing*, 37(1), 19–25.
- Bosma, L. M., Vacca, R., Martinez, J. L., Boyle, R. J., & Lew, R. (2016). Developing capacity, skills, and tobacco control networks to address tobacco-related disparities: leadership and Advocacy institute to Advance Minnesota's parity for Priority Populations (LAAMPP). *Journal of Health Disparities Research and Practice*, 9(1).
- Vacca, R., McCarty, C., Conlon, M., & Nelson, D. R. (2015). Designing a CTSA-based social network intervention to foster cross-disciplinary team science. *Clinical and Translational Science*, 8(4), 281–289.
- Vacca, R., & Boffi, M. (2009). The residential trajectories of immigrants in Milan in the 1990's: a spatial analysis of census data. (In Italian.) *Cheiron – Materiali e strumenti di aggiornamento storiografico*, 52(2), 109–138.

### **Books**

- McCarty, C., Lubbers, M., Vacca, R., & Molina, J. L. (2019). Conducting personal network research. A practical guide. *Guilford Press*.

### **Peer-reviewed Conference Proceedings**

- Tradigo, G., Vacca, R., Manini, T., Bird, V., Gerke, T., Veltri, P., & Prosperi, M. (2017). A new approach to disentangle genetic and epigenetic components on disease comorbidities: studying correlation between genotypic and phenotypic disease networks. *Procedia Computer Science* 110, 453–458.

Kennelly Okraku, T., Leone Sciabolazza, V., Vacca, R., & Mccarty, C. (2017). A Mixed Method Approach for Identifying Emerging Fields and Building Collaborative Teams: Leveraging Network Ethnography to Design Experimental Interventions. *Ethnographic Praxis in Industry Conference Proceedings*, 2017(1), 177–196.

### Other publications

Vacca, R. (2021). Análisis de redes egocéntricas con R (IV). Análisis multinivel. *Redes. Revista hispana para el análisis de redes sociales*, 32(1), 96–101.

Vacca, R. (2021). Análisis de redes egocéntricas con R (III). Egoredes múltiples. *Redes. Revista hispana para el análisis de redes sociales*, 32(1), 82–95.

Vacca, R. (2020). Análisis de redes egocéntricas con R (II). Una red egocéntrica. *Redes. Revista hispana para el análisis de redes sociales*, 31(2), 176–201.

Vacca, R. (2020). Análisis de redes egocéntricas con R (I). Introducción a R. *Redes. Revista hispana para el análisis de redes sociales*, 31(2), 157–175.

### Professional Presentations and Talks

(\* Graduate student co-author)

### Invited Lectures and Talks

Researching the urban: Social Network Analysis. *URBEUR doctoral program in European urban studies*. University of Milan-Bicocca (Milan, Italy). January 2021.

Personal networks and health in immigrant communities: an isolation paradox? *The Mitchell Centre for Social Network Analysis*. University of Manchester (Manchester, UK). May 2020.

Connecting the dots: using computational social science and social network data to map and foster scientific collaboration. *Expertise systems in Florida Universities: collaboration across campus and beyond* (keynote talk). University of Central Florida (Orlando, Florida). May 2020.

Personal network analysis: methods and applications. Department of Political Sciences, University of Naples Federico II (Naples, Italy). December 2019.

Non-hierarchical multilevel models and personal network analysis. Institute of Health and Society, Catholic University of Louvain (Brussels, Belgium). June 2017.

Personal social networks: data, analytic methods, and applications. Department of Political and Social Sciences, University of Trieste (Trieste, Italy). June 2017.

Social Network Analysis: history, methods and research applications. Puerto Rico Clinical and Translational Research Consortium, University of Puerto Rico (San Juan, Puerto Rico). May 2016.

Social Network Analysis: applications to migration studies and disaster research. Department of Political Science, University of Bari Aldo Moro (Bari, Italy). December 2015.

### Organized Conference Panels

2021 Social networks and personal communities in migration and migrant incorporation. *Networks 2021 joint Sunbelt and NetSci conference*. Virtual conference. (With Bilecen, B.)

2020 Social network methods in migration studies: recent developments and challenges. *17th IMISCOE annual conference*. Belval, Luxembourg. (With Bilecen, B.)

Social network research in migration, mobility and transnationalism studies. *XL Sunbelt Conference of the International Network for Social Network Analysis*. Paris, France. (With Bilecen, B., Hâncean, M., Hosnedlová, R. & Vitale, T.)

Network analysis for the science of science. *XL Sunbelt Conference of the International Network for Social Network Analysis*. Paris, France. (With Akbaritabar, A., McCarty, C., & Squazzoni, F.)

2014 Social networks in clinical and translational science. *XXXIV Sunbelt Conference of the International Network for Social Network Analysis*. St. Pete Beach, Florida. (With McCarty, C.)

### Conference Presentations

2020 Migration and mental health: a systematic review and meta-analysis. *17th IMISCOE annual conference*. Online. (With Cañarte, D.\*)

Mapping interdependencies among the UN's Sustainable Development Goals via semantic overlap in stated targets and current progress. *XXXIX Sunbelt Conference of the International Network for Social Network Analysis*. Online. (With Smith, T.\* & Capua, I.)

A longitudinal social network analysis examining organizational partnerships in a trauma-informed community: an innovative community-wide

- approach to prevent family violence. *APHA 2020 - Annual Meeting of the American Public Health Association*. Online. (With King, L., LeBeau, K., Hart, M., Lewis, C., Hack, G., & Blue, A.)
- 2019 The isolation paradox: a comparative study of social support among migrants and natives. *114th Annual Meeting of the American Sociological Association*. New York, New York. (With Bilecen, B.)
- Determinants of social support in racialized immigrant networks: the case of the Roma in France. *2019 Conference of the European Sociological Association*. Manchester, UK. *114th Annual Meeting of the American Sociological Association*. New York, New York. (With Cañarte, D.,\* & Vitale, T.)
- Gender inequality, PhD social capital and employment prestige in sociology departments. *114th Annual Meeting of the American Sociological Association*. New York, New York. (With Adams, J.)\*
- Contexts and determinants of cross-university collaboration: extracting and analyzing networks from grant acknowledgement texts. *XXXIX Sunbelt Conference of the International Network for Social Network Analysis*. Montreal, Canada. (With Adams, J.)\*
- Collaboration ego-networks and their influence on scientific productivity and impact in academia. *XXXIX Sunbelt Conference of the International Network for Social Network Analysis*. Montreal, Canada. (With Krenz, T., & McCarty, C.)
- Assembling the Academic Team: analyzing semantic similarity between researchers to map research topic networks. *XXXIX Sunbelt Conference of the International Network for Social Network Analysis*. Montreal, Canada. (With Smith, T.,\* & McCarty, C.)
- Cross-university network intervention using targeted topic models. *XXXIX Sunbelt Conference of the International Network for Social Network Analysis*. Montreal, Canada. (With McCarty, C., Labianca, J., & Smith, T.)\*
- The structure, evolution and interaction of multiplex networks of scientific collaboration at a research university. *12th Meeting of the Classification and Data Analysis Group of the Italian Statistical Society (Cladag2019)*. University of Cassino, Cassino, Italy. (With Leone Sciabolazza, V., and Krenz, T.).
- 2018 Identifying structural typologies in large collections of personal networks. *XXXVIII Sunbelt Conference of the International Network for Social Network Analysis*. Utrecht University, Utrecht, the Netherlands.

- Determinants of health-related social support among Sri Lankan and Roma immigrants in Europe. *68<sup>th</sup> Annual Meeting of the Society for the Study of Social Problems*. Philadelphia, Pennsylvania. (With Cañarte, D.,\* & Vitale, T.)
- Migration and social support: a comparative study of immigrants' and natives' support networks. *UC Berkeley Social Networks Study (UCNets) Conference*. University of California, Berkeley, California. (With Bilecen, B.)
- The structure, evolution and interactions of multiplex networks of scientific collaboration at a research university. *XXXVIII Sunbelt Conference of the International Network for Social Network Analysis*. Utrecht University, Utrecht, the Netherlands. (With Leone Sciabolazza, V.)
- Adoption team science: a way forward. *2018 International Conference on Adoption Research (ICAR 6)*. Montreal, Canada. (With Hamilton, C.,\* & Stacciarini, J. M. R.)
- Using network science to identify and bridge scientific communities at a research university. *2018 Annual Meeting of the Association for Clinical and Translational Science*. Washington, D.C. (With Leone Sciabolazza, V., & McCarty, C.)
- 2017 The effect of network ethnic segregation on wage formation: the case of Sri Lankan immigrants in the City of Milan, Italy. *Immigration in OECD Countries - 7<sup>th</sup> Annual International Conference*. Centre d'études prospectives et d'informations internationales (CEPII) and Organisation for Economic Co-operation and Development (OECD), Paris, France. (With Leone Sciabolazza, V., & De Benedictis, L.)
- Using non-hierarchical multilevel models to analyze overlapping personal networks. *ARS '17 International Workshop*. University of Naples Federico II (Naples, Italy).
- Social structure and cultural meaning of a local food movement: Tallahassee, FL, 2012-2016. *77<sup>th</sup> Annual Meeting of the Society for Applied Anthropology*. Santa Fe, New Mexico. (With Szurek, S., Boston P. Q., McClendon, B., Mitchell, M. M., & Gravlee, C.)
- Using social network analysis to design and evaluate CTSA pilot programs. *2017 Annual Meeting of the Association for Clinical and Translational Science*. Washington, D.C. (With Kennelly Okraku, T.,\* Leone Sciabolazza, V., & McCarty, C.)

- A mixed method approach for identifying emerging fields and building collaborative teams: leveraging network ethnography to design experimental interventions. *2017 Ethnographic Praxis in Industry Conference (EPIC)*. Montréal, Canada. (With Kennelly Okraku, T.,\* Leone Sciabolazza, V., & McCarty, C.)
- A new approach to disentangle genetic and epigenetic components on disease comorbidities: studying correlation between genotypic and phenotypic disease networks. *BioNet 2017 International Workshop on Algorithms, Tools and new Frontiers on the use of Networks in Biology and Clinical Science*. Leuven, Belgium. (With Tradigo, G., Manini, T., Bird, V., Gerke, T., Veltri, P., & Prospero, M.)
- 2016 A personal network approach to the study of structural assimilation and transnationalism in international migration. *Annual Meeting of the International Network of Analytical Sociologists (INAS)*. Utrecht University, Utrecht, the Netherlands. (With Solano, G.,\* Lubbers, M. J., Molina, J. L., & McCarty, C.)
- Integrating ethnographic perspectives and personal network data in the study of vicarious racism and hypertension among African Americans. *XXXVI Sunbelt Conference of the International Network for Social Network Analysis*. Newport Beach, California. (With D'Ingeo, D.,\* & Gravlee, C.)
- Using non-hierarchical multilevel models to analyze social support in overlapping egocentric networks. *XXXVI Sunbelt Conference of the International Network for Social Network Analysis* (abstract). Newport Beach, California. (With Stacciarini, J. M. R., & Tranmer, M.)
- Identifying emerging research fields through community detection in scientific collaboration networks at a research university. *XXXVI Sunbelt Conference of the International Network for Social Network Analysis*. Newport Beach, California. (With Kennelly Okraku, T.,\* & McCarty, C.)
- The effect of network segregation on wage formation: the case of the Sri Lankan immigrant community in Milan, Italy. *XXXVI Sunbelt Conference of the International Network for Social Network Analysis*. Newport Beach, California. (With Leone Sciabolazza, V., & De Benedictis, L.)
- Using network analysis to evaluate leadership development: the LAAMPP Institute. *XXXVI Sunbelt Conference of the International Network for Social Network Analysis*. Newport Beach, California. (With Bosma, L. M., Martinez, J. L., Boyle, R. J., & Lew, R.)

- Vicarious racism, social networks, and racial inequalities in health. *76<sup>th</sup> Annual Meeting of the Society for Applied Anthropology*. Vancouver, Canada. (With Gravlee, C., D'Ingeo, D.,\* & McCarty, C.)
- Network methods for evaluating the impact of a cross-disciplinary institute on scientific collaboration at a research university. *2<sup>nd</sup> EUSN European Conference of the International Network for Social Network Analysis* (abstract). Sciences Po, Paris. (With Leone Sciabolazza, V., & McCarty, C.)
- 2015 Inefficient hubs in a daily Twitter @ mention network. Vizards Session, *XXXV Sunbelt Conference of the International Network for Social Network Analysis*. Brighton, UK.
- Social networks, social isolation and mental health inequalities among rural Latinos in Florida. *XXXV Sunbelt Conference of the International Network for Social Network Analysis*. Brighton, UK. (With Stacciarini, J. M. R.)
- 2014 A method for rapid detection of typical personal network structures. *113<sup>th</sup> Annual Meeting of the American Anthropological Association* (URL). Washington, D.C.
- A social and spatial network approach to migrant mobility and transnationalism. *1<sup>st</sup> EUSN European Conference of the International Network for Social Network Analysis*. Autonomous University of Barcelona, Barcelona, Spain.
- The network origin of plural identities: structural brokerage, diversity and cultural holes in international immigrants' networks. *1<sup>st</sup> EUSN European Conference of the International Network for Social Network Analysis* (abstract). Autonomous University of Barcelona, Barcelona, Spain. (With Vitale, T.)
- A network intervention on scientific networks: design and reactions. *XXXIV Sunbelt Conference of the International Network for Social Network Analysis*. St Pete Beach, Florida. (With McCarty, C.)
- Using social networks to evaluate the impact of a CTSA on research at a university. *XXXIV Sunbelt Conference of the International Network for Social Network Analysis*. St Pete Beach, Florida. (With McCarty, C.)
- 2013 Cohesion and segregation in transnational migrant networks: an ego-network approach to transnationalism and assimilation. *XXXIII Sunbelt Conference of the International Network for Social Network Analysis*. University of Hamburg, Hamburg, Germany.

How do people know each other? Categories of knowing across cultures using a two-mode personal network approach. *XXXIII Sunbelt Conference of the International Network for Social Network Analysis*. University of Hamburg, Hamburg, Germany. (With Al-Kuwari, S.,\* Bernard, H. R., & McCarty, C.)

Where do closed identities come from? Transnationalism and structural brokerage in migrants' capability for adaptation. *2013 Annual Conference of the European Consortium for Sociological Research (ECSR)*. Tilburg University, Tilburg, the Netherlands. (With Vitale, T.)

- 2012 Using ego-network structure to assess migrants' transnationalism and ethnic segregation. *International Seminar "Personal networks in times of economic hardship and political discontent"*. Autonomous University of Barcelona, Barcelona, Spain.

Activity spaces and personal networks of transnational migrants in Milan, Italy. *XXXII Sunbelt Conference of the International Network for Social Network Analysis*. Redondo Beach, California.

- 2011 Are there ethnic enclaves in Milan? Spatial analyses and maps from 1991 and 2001 census-tract data. *Spaces and Flows: An International Conference on Urban and ExtraUrban Studies*. Monash University Prato Centre, Prato, Italy.

- 2010 Esistono *enclaves* etniche a Milano? Un'analisi della popolazione dei "quartieri etnici" milanesi nel 2001. *Flussi migratori e crisi economica: questioni globali e riflessi locali*. Bocconi University, Milan, Italy.

## Research Support

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### Externally Funded

- 2019-2024. Together: transforming and translating discovery to improve health (Clinical and Translational Science Award UL1TR001427, Network Science Module). Co-Investigator (PI: Nelson, D.). National Institutes of Health, National Center for Advancing Translational Sciences. \$29,618,462.
- 2021-2026. Testing a culturally tailored behavioral intervention to reduce co-occurring substance use and HIV risk among stimulant-using Latinx Men who have Sex with Men in South Florida. Co-Mentor (PI: Colon-Burgos, J.). National Institutes of Health, National Institute on Drug Abuse. \$227,578.

- 2019-2022. A social network approach to evaluating social behavior as a novel metric of animal welfare. Co-PI (PI: Miller-Cushon, E.). United States Department of Agriculture. \$185,000.
- 2018-2019. Using social networks to map and evaluate team science across CTSA hubs (3UL1TR001427-04S1). Co-Investigator (PI: Nelson, D.). National Institutes of Health, National Center for Advancing Translational Sciences. \$814,977.
- 2018-2020. Intersections: animating conversations with the humanities. Co-Investigator (PI: Mennel, B.). Andrew W. Mellon Foundation. \$400,000.
- 2018-2020. Multilevel approaches for embracing dyadic, egocentric and two-mode networks which address substance use disorders and HIV risk in Latina seasonal workers (4R01DA041494-03). Subcontract PI (PI: Kanamori, M.). National Institutes of Health, National Institute on Drug Abuse. \$484,127.
- 2017-2019. PrEPParados: a social network study of Latino MSM for facilitating progress in the PrEP cascade (CFARAdelante.2017.Kanamori). Subcontract PI (PI: Kanamori, M.). National Institutes of Health, National Institute of Allergy and Infectious Diseases. \$150,000.
- 2015-2019. Together: transforming and translating discovery to improve health (Clinical and Translational Science Award UL1TR001427, Network Science Module). Co-Investigator (PI: Nelson, D.). National Institutes of Health, National Center for Advancing Translational Sciences. \$22,345,460.

### Internally Funded

2020. The emergence of Covid-19 team science: tracking topics, networks and expertise in global Covid-19 research. PI. University of Florida Informatics Institute. \$18,875.
- 2019-2020. Migration as a social determinant of health: a review of existing research and data in cross-national perspective. PI. University of Florida One Health Center of Excellence. \$5,000.
- 2019-2020. A biosocially informed theory of social support. PI (Co-PI: Smith, T.\*). University of Florida Informatics Institute. \$10,452.
- 2019-2020. Identifying behavioral and social determinants of scientific productivity and impact, with development of analytic software tools. Co-PI (PI: McCarty, C.). University of Florida Informatics Institute. \$26,913.

- 2019-2020. The One Health Nexus: mapping the evolution of scientific collaborations and research topics around UF One Health. PI. University of Florida One Health Center of Excellence. \$20,201.
- 2018-2020. Implications of shifting migration trends: comparative assessment of social networks, health status, and productivity of Hispanic and non-Hispanic migrant farm workers. Co-PI (PI: Onel, G.). University of Florida Office of Research. \$99,324.
2016. The “migrant Roma”: from exclusionary processes to resources for social integration (REPIN). Co-Investigator (PI: Vitale, T.). Directions de la Recherche Sciences Po. €60,000.
2015. Mobilità precaria. L'accesso alla città delle persone in situazione di precarietà lavorativa a Milano e Lione. Co-PI (PI: Daconto, L.). Fondazione Roberto Franceschi and Bocconi University. €6,166.
- 2014-2015. Immigrant self-employment and transnational practices: the case of Moroccan entrepreneurs in Amsterdam and Milan. Co-PI (PI: Solano, G.). Fondazione Roberto Franceschi and Bocconi University. €6,000.
- 2011-2012. Social networks and immigrant integration: the case of Sri Lankans in Milan. PI. Center for Interdisciplinary Studies in Economics, Psychology and Social Sciences (University of Milan-Bicocca) and Centro Studi Luca d'Agliano. €6,000.

#### **Submitted, Pending**

- 2021-2025. Translation trajectories of pilot studies within the Clinical and Translational Science Award Programs. Subcontract PI (PI: Schifitto, G.). National Institutes of Health, National Center for Advancing Translational Sciences.

#### **Submitted, Not Funded**

- 2018-2021. Senegalese hometown associations and development interventions: the impact of new communication technologies. Co-PI (PI: Kane, A.). National Science Foundation (Cultural Anthropology and Sociology Programs).
- 2017-2022. VOCES Comunitarias: developing networks to reduce social isolation and promote mental well-being with and for rural Latino families. Co-Investigator (PI: Stacciarini, J.-M.). Robert Wood Johnson Foundation.

- 2017-2022. Developing and extending EgoWeb 2.0 to support social network based studies of substance use and HIV. Subcontract PI (PI: Kennedy, D.). National Institutes of Health, National Institute on Drug Abuse.
- 2017-2022. A social and phylogenetic network approach to 'precision' modeling of HIV prevention, with integration into surveillance systems. Co-investigator (PI: Prosperi, M.). National Institutes of Health, National Institute of Allergy and Infectious Diseases.
- 2017-2019. Characterization of longitudinal behavioral endotypes of underage drinking using Twitter. Co-investigator (PI: Prosperi, M.). National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism.
- 2015-2017. SONDA: the Social Observatory for Network Data and Analysis. Co-investigator (PI: Johnson, J.). National Science Foundation, Directorate for Social, Behavioral & Economic Sciences.

### **Consultancies**

2017. The Willmar Community Health Initiative. BlueCross BlueShield of Minnesota.
2014. Leadership and Advocacy Institute to Advance Minnesota's Parity for Priority Populations (LAAMPP). Evaluation and Advisory Panel. ClearWay Minnesota.

### **Teaching**

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#### **Graduate Courses**

- Health disparities (SYA 6407). University of Florida, Department of Sociology and Criminology & Law. Spring 2018.
- Social network analysis (SYA 7933). University of Florida, Department of Sociology and Criminology & Law. Spring 2017, Spring 2020. Department of Anthropology (ANG 5420). Spring 2014.
- Advanced quantitative methods (SYA 7933). University of Florida, Department of Sociology and Criminology & Law. Fall 2016, Fall 2018, Spring 2021.
- Introduction to quantitative methods (SYA 7933). University of Florida, Department of Sociology and Criminology & Law. Fall 2017.
- Advanced quantitative methods for social research. University of Bari Aldo Moro, Department of Education, Psychology and Communication. Summer 2017.

Applied statistical analysis I (NGR 6840). University of Florida, College of Nursing. Spring 2015.

Applied statistical analysis II (NGR 6845). University of Florida, College of Nursing. Summer 2015.

### Undergraduate Courses

International migration (SYA/EUS 4930). University of Florida, Department of Sociology and Criminology & Law and Center for European Studies. Spring 2019, Fall 2020.

International migration. University of Bari Aldo Moro, Department of Education, Psychology and Communication. Summer 2017.

Methods of social research (SYA 4300). University of Florida, Department of Sociology and Criminology & Law. Fall 2019.

### Summer Schools and Short Courses

Theory, methods and applications of personal networks. Summer School at the Department of Social and Cultural Anthropology, Autonomous University of Barcelona, Spain. July 2015, July 2017, July 2019.

Introduction to R for the social sciences. Department of Sociology and Criminology & Law and Informatics Institute, University of Florida. Fall 2017, Fall 2018, Fall 2019.

Sociocentric and egocentric network analysis with R. Invited workshop at the Institute of Health and Society, Catholic University of Louvain, Belgium. June 2017.

Social network analysis: research designs, data collection and analysis. National Science Foundation Ethnographic Field School in Cultural Anthropology. University of Florida. July 2015, July 2016.

Social network analysis with UCINET and R. Invited workshop at the University of Puerto Rico, Puerto Rico. May 2016.

### Conference Workshops

Introduction to egocentric network analysis with R.

\* Networks 2021 Joint Sunbelt and NetSci Conference. July 2021.

\* Sunbelt Conference of the International Network for Social Network Analysis. June 2015; April 2016; June 2018; June 2019.

\* EUSN European Conference of the International Network for Social Network Analysis. July 2014; June 2016.

Introduction to social network analysis. Annual Meeting of the American Anthropological Association. Washington, DC. December 2014.

## **Professional Service**

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### **Conferences**

Member of the Program Committee for the ASONAM 2018 ACM/IEEE International Conference on Advances in Social Network Analysis and Mining. Barcelona, Spain. August 2018.

Member of the Technical Program Committee for the 4th International Conference on Computational Social Networks (CSoNet 2015). Beijing, China. April 2015.

Reviewer for the 2015 International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction (SBP15). Washington, DC. March 2015.

### **Scientific Journals and Reviews**

Editorial board member and social media editor for Polis - Research and studies on society and politics. 2021 - 2023.

Ad hoc article reviewer for Current Sociology; Demography; Ethnic and Racial Studies; International Journal of Social Psychiatry; Journal of Computer-Mediated Communication; Journal of Cross-Cultural Psychology; Justice Quarterly; Network Science; Proceedings of the National Academy of Sciences; Social Inclusion; Social Networks; Social Problems; Societies; Sociological Forum; Sociological Methods & Research; Statistical Methods & Applications.

Ad hoc book reviewer for SAGE Publishing; Springer.

### **University Service**

Founder and coordinator of the UF R Social Sciences Interest Group (RSSIG). University of Florida. 2017 - To date.

Member of the Faculty Advisory Council. Department of Sociology and Criminology & Law, University of Florida. 2019 - 2021.

Member of the UF Research Computing Advisory Committee. University of Florida. 2016 - 2018.

Reviewer for the UF Informatics Institute Fellowship Program. University of Florida. 2016.

Reviewer for the UF Informatics Institute SEED Fund Program. University of Florida. 2015.

Primary mentor for the Center for Stroke Disparities Solutions, Department of Population Health, New York University School of Medicine. 2016 - 2017.

### Honors and Awards

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2021. *National Scientific Qualification (ASN)* as Associate Professor in General sociology (14/C1) and Economic sociology (14/D1). Italian Ministry of Education, University and Research (MIUR).

2019. *Travel Award for Research Grant Enhancement*. College of Liberal Arts and Sciences, University of Florida. (With Rossi, E., Keil, A., & Agnelli, S.)

2019. *Faculty Travel Grant*. Center for European Studies, University of Florida.

2019. *Course Enhancement Award*. Center for European Studies, University of Florida.

2018. *National Scientific Qualification (ASN)* as Associate Professor in Demography and Social Statistics (13/D3). Italian Ministry of Education, University and Research (MIUR).

2014. *Outstanding Visualization Award*. 1<sup>st</sup> European Conference on Social Networks (EUSN). Autonomous University of Barcelona, Barcelona, Spain. (Visualization video and code.)

2010. *Roberto Franceschi Award for Graduate Theses in Economic and Social Sciences*. Fondazione Roberto Franceschi and Bocconi University.

2006-2008. *Bocconi Graduate Merit Award*. Bocconi University graduate scholarship, a.y. 2006/2007 and 2007/2008. Bocconi University.