1st Chilean Summer School about Social Network Research – January 2024

*The Chilean Society for Social Network Science (ChiSocNet)*

**Course objectives**

By the end of the week, participants would be able to design social network research, collect network data from classical to digital information, describe and visualise networks, and perform statistical models using social networks (e.g., ERGM and RSIENA). They will also have an overview of the most relevant topics about social networks. During the week, participants would have lectures and practical experience in using the R software and engage in practical experience through group projects.

The course will:

* Introduce the idea of social network research.
* Explain how to collect, describe and visualise networks.
* Explain how to model social networks.
* Provide hands-on training to use R to investigate social networks.

**Course requirements**

No prior knowledge of social network analysis is assumed for this course. However, it would be useful to read *Doing social network research* (Robins, 2015). SAGE Publications Ltd.

**Who is this course for?**

Postgraduate research students, postdocs and academics wishing to use Social Networks in their research.

**Recommended reading**

Borgatti, S. P., Everett, M. G., Johnson, J. C. & Agneessens, F. (2022). *Analyzing social networks using R*. Sage.

Luke, D. A. (2015). *A user's guide to network analysis in R*. Cham: Springer.

Scott, J. (2000). *Social Network Analysis: A Handbook*. Sage.

**Language**

Summer school courses will be taught in English unless all the participants are proficient in Spanish.

**Keynote speakers:**

**Prof. Silvia Dominguez**

Dr. Silvia Dominguez is an Associate Professor of Sociology at Northeastern University. She has specialised in the welfare of vulnerable populations in the United States and abroad, emphasising race, violence, immigration and social networks. She is also a faculty fellow at the Women’s, Gender, and Sexuality Studies Program and the Brudnick Center for the Study of Conflict and Violence. She also co-edited a book with Bettina Holstein, *Mixed Methods with Social Networks*, that came out with Cambridge University Press in 2013.

*Visit sponsored by “Redes personales y capital social de mujeres cuidadoras. Midiendo sus cambios en el tiempo e impacto en bienestar y salud”. Project funded by FONDECYT program N°230437.*

**Prof. René Veenstra**

Dr René Veenstra is a Professor at the Department of Sociology, University of Groningen, and board member of the Interuniversity Center for Social Science Theory and Methodology (ICS), the Netherlands, and a member of the management team of TRAILS and SNARE projects. During 2011-2014, he coordinated the implementation and evaluation of the KiVa Antibullying Program in the Netherlands. He published on various topics (bullying and victimisation, peer relations, prosocial and antisocial behaviour, social network analysis, and temperament-by-environment interactions) in major scientific journals, including Child Development, Developmental Psychology, Journal of Early Adolescence, and Journal of Research on Adolescence.

*Visit sponsored by “It takes two for substance use: Peer mechanisms in adolescents’ substance use”. Project funded by FONDECYT program N°11230902.*

***Keynote speaker 3 (TBC)***

**Course leaders:**

Dr Alejandro Espinosa-Rada (Social Networks Lab., ETH Zürich)

Dr Diego Palacios (Society and Health Research Center, Universidad Mayor)

Dr Francisca Ortiz Ruiz (Millennium Institute for Care Research - MICARE)

Dr George Vega Yon (The University of Utah)

**Timeline**

2nd October 2023: Deadline submission applications

6th November 2023: Notifications

13th November - 4th December 2023: Registration

**8-12 January 2023: Summer School**

**Participation fee**

Flatrate of CLP 150,000 p.p. (approx. 190 US Dollars)

**The Chilean Society for Social Network Science (CHISOCNET)**

The Chilean Society for Social Network Science aims to develop the Social Network Science in Chile (CHISOCNET) to be in the next decade an international group of reference from Ibero-America and the International Community of the Social Network Science.

To achieve this objective, CHISOCNET will congregate, broadcast, and support the researchers actively working in Social Network Science within Chile, Ibero-America and abroad.

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**Preliminar Program**

| **Time** | **Monday 8\*** | **Tuesday 9** | **Wednesday 10** | **Thursday 11** | **Friday 12** |
| --- | --- | --- | --- | --- | --- |
| 9.00-10.15 | Intro to Social Networks | Network Visualizations | Data gathering in the era of Computational Social Science | Testing hypothesis | Intro to RSiena |
| *10.15-10.30* | *Break* | *Break* | *Break* | *Break* | *Break* |
| 10.30-11.45 | Intro to R | Multivariate techniques and whole networks | Ego-networks | Intro to ERGMs | Group work |
| *11.45-12.00* | *Break* | *Break* | *Break* | *Break* | *Break* |
| 12.00-13.30 | **René Veenstra** | Group Work | **Silvia Dominguez** | Group Work | **Keynote speaker 3** |
| *13.30-14.30* | *Lunch* | *Lunch* | *Lunch* | *Lunch* | *Lunch* |
| 14.30-13.45 | Research Design | Centrality | Personal Networks | ERGMs advances topics | New topic in Network Modeling |
| *13.45-16.00* | *Break* | *Break* | *Break* | *Break* | *Break* |
| 16.00-17.15 | Group Work | Subgroups and two-mode networks | Mixed Methods | Intro to RSiena | Presentation participants |
| 17.30- 19.00 | Dinner | - | Social gathering | - | Social gathering |

*\*Summer school registration will be at 8.30*

**Sponsors:**

* FONDECYT program N°11230902. Title of the project: “It takes two for substance use: Peer mechanisms in adolescents’ substance use”
* FONDECYT program N°230437. Title of the project: “Redes personales y capital social de mujeres cuidadoras. Midiendo sus cambios en el tiempo e impacto en bienestar y salud”.
* FONDECYT program N°1220560. Title of the project: “Social Networks and Socio-ecological Sustainability Project”
* Institute of Sociology, Pontifical Catholic University of Chile.