TRISTÁN IGNACIO GRAMSCH CALVO

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PROFILE

I am a data scientist interested in health economics. My area of expertise is drug addiction. I am pursuing job offers in data-driven organizations that do social good. For years, I have studied the dire overdose epidemic in the US. I want to join people who want to put an end to it.

METHODOLOGICAL TRAINING

Advanced technical skills: R, SQL, Git, Markdown
Intermediate technical skills: LaTex, MAXQDA, Geoda – Spatial Data
Relevant Skills: Data architecture; Proficiency in managing productive remote teams; Proficiency in research, data collection and analysis; Human subject experiments; Statistical analysis

EDUCATION

University of Chicago, Master of Arts Program in the Social Sciences   2018 - 2019
Thesis title: "Distant, disposable, or similar: why drug users discuss hurtful topics with people they do not consider close".
Advisor: Reuben Miller, PhD

Universidad de Chile, BS in Sociology   2012 - 2018
Thesis title: "The importance of open communication in Substance Dependent Individuals' rehabilitation a case study".
Advisor: Rodrigo Asún, PhD
Academic excellence award (top 10% cohort performance)

WORK AND RESEARCH EXPERIENCE

Cook County Assessor's Office   2020 - Present
Fellow data scientist
Led an all-encompassing reporting infrastructure epic. The reporting infrastructure is capable of producing 126 dynamic 'ratio studies' per year. Every combination of parameters gets a single report. Developed Shiny application for user to activate the infrastructure.
Responsible for creating statistical models to predict rent prices of apartments in Cook County
Deployed an automatized integrity check of department's data

University of Chicago   2018 - 2019
Graduate Student Researcher, Social Sciences Division
Managed full cycle independent research project; Gained knowledge of IRB protocols
Conducted in depth interviews to assess with whom and why drug addicts vent their emotions; Analyzed data using MAXQDA
Graduate Coursework & Projects
Conducted causal inference analysis using propensity score based methods. Observed the true effect of a small class on learning outcomes
Used GeoDA to visualize a the distribution of drug related crime in Chicago.

Research Assistant   2017 - 2018
For Rodrigo Asún, Sociology Department, 'Universidad de Chile'
Conducted literature research to formulate explanations of student's social movement
Analyzed newspaper text using Excel and proposed methodological corrections to the approach

Universidad de Chile   2017 - 2018

Undergraduate Student Researcher, BS Thesis Project, Sociology program
Conducted semi-structured interviews to assess talking behaviors of drug addicts
Criticized American Psychological Association's manual (APA) for not considering social network factors
to define drug addiction

ACADEMIC AWARDS

'Becas Chile' Award (prestigious scholarship covering full tuition/expenses), University of Chicago 2018
Merit-Based scholarship of Half Tuition, University of Chicago   2018
Outstanding thesis award for BS thesis, Universidad de Chile   2017
International Innovation Corps Fellowship, Harris School of Public Policy at The University of Chicago.
Expected to do research to evaluate and create solutions for social policy   February, 2020 - present

ADDITIONAL TRAINING AND ACADEMIC ACTIVITIES

Completed 'How to manage a remote team', lectured by Gitlab   2020
MAPSS/MACS Summer Math Camp, University of Chicago   2018
Board Member, 'Némesis' Student Academic Yearly Magazine - Social Sciences Faculty, Universidad de
Chile   2013-2018
Co-Founder, System Theory and Complexity Study Group, Universidad de Chile   2016-present

PUBLICATIONS

Gramsch, T (2020). Psychiatric blindspot: how widespread definitions of drug addiction miss social
network factors. ICSHI 2021: 15 Conference procedures. To be published in 2021. Baecker, D. (2017).
Teorías sistémicas de la comunicación. Revista Mad, (37), 1-20. English translation by Tristán Gramsch
Gramsch, T (2016). Análisis crítico de Estándares de Evaluación para América Latina y el Caribe,
propuesta de la Red de Seguimiento, Evaluación y Sistematización de Latinoamérica y el Caribe, 2016.
Red Internacional de Evaluación, 1-25
Gramsch, T (2015). El libro de la Comunicación. Editorial Isidora Cartonera. Santiago, Chile
Gramsch, T (2013). Desastres Socionaturales: La sequía en la provincia de San Felipe y cómo afecta a
la población de Las Coimas. Cuadernos de Crisis y emergencias, (13) Vol. 1, 95-102

CONFERENCE PRESENTATIONS

**"Psychiatric blindspot: how widespread definitions of drug addiction miss social network
factors"**
To be presented and published at the 'ICSHI 2021: 15. International Conference on Sociology of Health
and Illness'

"Building a more transparent government using Shiny"
SatRday conference at Chicago, Chicago, 2020

**"Distant, disposable, or similar: why drug users discuss hurtful topics with people they do
not consider close"**
Netherlands Institute for the Advanced Studies in Social Sciences and Humanities Conference, 2021.
Netherlands
2021 INGRoup Conference. USA
Global Community of Social Science: International Academic Conference: Contemporary Trends and
Social Science Discussions, 2020. Spain -selected, not able to attend
2nd International Conference on Social Sciences and Arts, 2020. Thailand
MAPSS Academic Research Conference, 2019. University of Chicago
DePaul's Oxford House research team workshop, 2019. Chicago.

"Un marco epistemológico interdisciplinario: uno de los desafíos de las ciencias sociales"
I Research Congress of the Social Sciences Faculty, 2018. University of Chile.

"The importance of open communication in Substance Dependent Individuals' rehabilitation a case study"
FACSO Undergrad research conference, 2017. University of Chile

"Desastres Socionaturales: La Sequía en la Provincia de San Felipe y Cómo afecta a la población de Las Coimas"
Conference 'Cuadernos de Crisis y Emergencias', 2013. Santiago

TEACHING EXPERIENCE

Teaching assistant, Universidad de Chile

"Social Theory: Society as a Social System" imparted by Marcelo Arnold	2017
"Qualitative Techniques II" imparted by Claudio Duarte and Pablo Cottet	2016
"Sociological Theory I" Imparted by Rodrigo Figeroa	2016
"Health and Society" Imparted by Marcela Ferrer	2016
"Psychology I" Imparted by Gabriel Abarca and Danilo Sanhueza	2016

LANGUAGES

Spanish (Native)
English (Full professional proficiency)
German (Elementary proficiency)