

# George G. Vega Yon

**Mobile** +1 (626) 381 8171  
**e-mail** [gvegayon@caltech.edu](mailto:gvegayon@caltech.edu)  
**website** <http://www.its.caltech.edu/~gvegayon>  
**Code** <https://github.com/gvegayon>  
<https://bitbucket.org/gvegayon>

## Personal Information

**Date of birth** March 2, 1988.  
**Place of birth** Iquique, Chile  
**Location** Pasadena, CA.

## Education

**Ph.D. in Social Science** (starting on fall 2014), California Institute of Technology (expected 2019)  
**Master in Economics and Public Policy**, Adolfo Ibáñez University (2011)  
**BS. in Business Administration**, Adolfo Ibáñez University (2010)  
**BS. in Social Sciences**, Adolfo Ibáñez University (2010)

## Work Experience

**Chilean Pension Supervisor, 2011–2014** Research Division *Analyst*. Doing research and statistical analysis on the Unemployment Insurance System and the Pension System.

**Nodos Chile Social Network Analysis Ltda., 2012–2014** *Partner*. Founding partner of one of the first applied SNA Consultancy Entrepreneurship in Chile.

**Adolfo Ibáñez University, 2011–2012.** School of Government *Adjunct Professor* of Economics and Statistical Computing (2012). Taught Introductory courses of Economics, Microeconomics and Statistical computing with Stata.

**Chilean Ministry of Social Planning, 2011.** Social Programs Monitoring *Analyst*. Survey and Analysis of the Government social programs supply and supporting the Monitoring Division with the Open-Data Initiative.

## Research

### Publications and Work in progress

Fábrega, J., & **Vega, G.** (2013) The impact of television rating over twitter activity: Evidence for Chile based on the Teleton 2012. In *Cuadernos.info*, 33. doi:10.7764/cdi.33.533.

Repetto, A., & **Vega, G.** (2013). The impact of increasing retirement payroll-tax: Pensions, Salaries and Employment. In *Centro de Políticas Laborales, Adolfo Ibáñez University*.

**Vega, G.**, & Melse, E. (2013). PARALLEL: multicore computing in Stata.

Fábrega, J., Paredes, P., & **Vega, G.** (2013). Exploratory Analysis of Television Audience in Twitter. In *Informe Anatel 2013, chapter 5, National Television Association (ANATEL)*.

Quintanilla, X., Poblete, I., & **Vega, G.** (2013). Actuarial Analysis on the Unemployment Insurance Funds. In *Working Paper N 56, Chilean Pension Supervisor*.

**Vega, G.** (2013). Unitary Needed Capital (CNU): Computing and Introducing Stata module *cnu*. In *Technical Notes, Chilean Pension Supervisor*.

## Selected Software

Rau, T., **Vega, G.** & Espinoza, D. “blopmatching: Implementing a New Matching Estimator based on a Bi-Level Optimization Problem”, (2014).

**Vega, G.**, & Muñoz, E. (2013). ABCoptim: An Implementation of the Artificial Bee Colony (ABC) Optimization algorithm. In *The Comprehensive R Archive Network*.

**Vega, G.** (2012). PARALLEL: Stata module for Parallel Computing. In *Statistical Software Components, Boston College Department of Economics*.

**Vega, G.**, Fábrega, J., & Kunst, J. (2012). rgexf: An R package to build gexf graph files. In *The Comprehensive R Archive Network*.

**Vega, G.**, & Fajnzylber, E. (in development). NNMATCH2: A faster implementation of the Nearest Neighbour Matching Estimator.

**Vega, G.** (2012). googlePublicData: An R package to build Google’s Public Data Explorer DSPL Metadata files, In *The Comprehensive R Archive Network*.

## Conferences and Presentations

“PARALLEL: Stata module for parallel computing”, presented at the *Stata Conference* (2013), New Orleans, USA.

“Introducing rgexf and how to develop your own R-package”, presented at the *Group of R users in Chile* (2013), Santiago, Chile.

“Introducing PARALLEL: Stata Module for Parallel Computing”, presented at the *Reunión Anual de la Sociedad de Economistas de Chile* (2012), Viña del Mar, Chile.

## Press and others

“[rgexf: An R library to work with GEXF graph files](#)” in *Gephi Blog*, published in february 12, 2013.

“[Aborto en Twitter: un debate a medias](#)” in *El Mostrador*, published in april 4, 2012.

“[Reinventar la ciudadana, la otra campaa que Obama est ganando](#)” in *El Mostrador*, published in november 10, 2009.

## Honors and Professional Achievements

**Book reviewer** “Mastering Gephi Network Visualization”, by Ken Cherven, Packt Publishing, 2015.

**Fellowship** California Institute of Technology, for Ph.D. Programme in Social Sciences.

**Book reviewer** “Microeconometrics and MATLAB”, by Abi Adams, Damian Clarke & Simon Quinn, Oxford University Press, (forthcoming 2015).

**Ad hoc reviewer** (parallel computing) of the Official Journal of The Society for Computational Economics (January 2013).

**Book reviewer** “Network Graph Analysis and Visualization with Gephi”, by Ken Cherven, Packt Publishing, 2013.

**Founder of the R Users Group in Chile** Starting in January 2013.

**Honorable Mention** (Posters Sesion. Work: *Introducing Parallel: Stata Module for Parallel Computing*) given by the Chilean Economics Society during its 2012 annual meetting.

**Honour Scholarship** given by Adolfo Ibáñez University for completing undergrad and graduate studies (2006-2010).

**Director and co-founder of the Project “Educación Joven”, 2008–2009.** A program in remedial education dedicated to assist low income students on reaching Higher Education.