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I’m an accomplished **data scientist** with over **10 years of experience** with multiple software packages and scientific publications. My software has been downloaded over **half a million times**, and my papers have over **200 citations**. My work has spanned data science, economics, network science, statistics, and phylogenetics. I seek new challenges, enjoy collaborating with others, and excel at mentoring.

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**Ph.D. in Biostatistics (Stat. Comp.)** University of Southern California (2020).

**M.Sc. in Social Sciences (Economics)** California Institute of Technology (2016)

**MA in Economics and Public Policy**, Universidad Adolfo Ibáñez (2011)

**BS. in Business Administration**, Universidad Adolfo Ibáñez (2011)

**University of Utah, November 2021–Present** Department of Internal Medicine  
*Research Assistant Professor in Epidemiology*  
*Adjunct Assistant Professor in Population Health Sciences*.

areas: Mechanistic ML, Network Science, Computational Epidemiology, Phylogenetics, Statistical Computing.

a group of research assistants (staff and graduate students), leading to published papers, software, and conference talks.

and designed the first course on HPC using R and C++ (graduate level).

of the "Network Science and Social Network Analysis at the U" (NetSNAU) Group.

to research grants (CDC and VA,) helping to secure over .

Core faculty member of the .

**University of Southern California, 2018–2021** Department of Preventive Medicine  
*Research Programmer II*.

Provide technical support on (R packages), HPC, R, and C++, including training sessions for staff and students.

scientific papers on network science, statistics, and phylogenetics and present them at conferences.

and taught the course "Intro to Health Data Science" (graduate level).

Contributed to (NIH and DoD,) helping to secure over .

**University of Southern California, 2015–2018** Department of Preventive Medicine  
*Programmer Analyst II*.

local conferences on Network Science.

of the "R Bookcamp for Statistical Computing."

scientific papers and software on network science and presented them at conferences.

Designed and on R and Social Network Analysis.

**Chilean Pension Supervisor, August 2011– August 2014** Research Division  
*Research Analyst*

Wrote papers and automatized about the Chilean unemployment insurance system.

(*e.g.*, social security) and created representative samples for researchers.

Designed and implemented a of the unemployment insurance government funds. Reports were distributed to the Chilean Congress.

**George G.** **Vega Yon**. *aphylo: Statistical Inference of Annotated Phylogenetic Trees* (2022). R package version 0.2-1 URL: <https://cran.r-project.org/package=aphylo>. ![image](data:application/pdf;base64,)

**George G.** **Vega Yon**. *rgexf: Build, Import and Export GEXF Graph Files* (2020). R package version 0.16.0. URL: <https://CRAN.R-project.org/package=rgexf>. ![image](data:application/pdf;base64,)

**George G.** **Vega Yon**, Thomas Valente. *netdiffuseR: Analysis of Diffusion and Contagion Processes on Networks* (2020). R package version 1.22.0. URL: <https://github.com/USCCANA/netdiffuseR>. ![image](data:application/pdf;base64,)

**George G.** **Vega Yon**, Kayla de la Haye. *ergmito: Exponential Random Graph Models for Small Networks* (2020). R package version 0.3-0. URL: <https://cran.r-project.org/package=ergmito>. ![image](data:application/pdf;base64,)

**George G.** **Vega Yon**. *slurmR: A Lightweight Wrapper for ’Slurm’* (2020). R package version 0.4-1. URL: <https://CRAN.R-project.org/package=slurmR>. ![image](data:application/pdf;base64,)

**George G.** **Vega Yon**. *fmcmc: A friendly MCMC framework* (2020). R package version 0.3-0. URL: <https://CRAN.R-project.org/package=fmcmc>. ![image](data:application/pdf;base64,)

**Awards** Best paper, 72 ICA conference, 2022; Travel Grant, Society of Young Network Scientist, 2019; Fellowship, California Institute of Technology, 2014; Scholarship, Adolfo Ibáñes University, 2006.

**Manuscript reviewer** JASA, BMC Infectious Diseases, The Official Journal of The Society for Computational Economics, The R Journal, Social Networks, Journal of Mathematical Sociology, JOSS, Bioinformatics, Computer Methods and Programs in Biomedicine Update, SUNBELT Conference (2016), IC2S2 (2019–2021).

**Misc** Founder of the [R Users Group in Chile (2013)](https://www.meetup.com/useRchile/), co-organizer of the [East LA R User Group (LAERUG)](https://socalr.org).

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<https://ggvy.cl>