

# Diego Gómez-Zar4

<http://www.dgomezara.cl> | [dgomezara@u.northwestern.edu](mailto:dgomezara@u.northwestern.edu) | Evanston, USA.



## EDUCATION

### **NORTHWESTERN UNIVERSITY**

**PH.D TECHNOLOGY AND  
SOCIAL BEHAVIOR**  
2016 - | Evanston, USA

### **PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE**

**M.S. COMPUTER SCIENCE**  
2011 - 2012 | Santiago, Chile  
GPA: 4.0, with high honors  
Ranking: 1 of 71

### **INDUSTRIAL ENGINEERING**

2006 - 2011 | Santiago, Chile  
Minor in Information Technology  
GPA: 3.8, with high honors  
Ranking: 15 of 488

## RESEARCH INTERESTS

Social Networks Analysis •  
Web & Mobile Development •  
Information Retrieval • Databases •  
Information Visualization.

## RESEARCH GROUPS

Northwestern SONIC Lab  
PUC SocVis  
PUC SocialCom Lab  
Northwestern InfoLab

## LINKS

Github:// [dgzara](#)  
LinkedIn:// [diego-gomez-zara](#)  
Twitter:// [@dgzara](#)

## **NORTHWESTERN UNIVERSITY**

Ph.D. Student | 2016 until present | Evanston, USA  
Graduate Researcher Student at the SONIC Lab. Advisor: Professor Noshir Contractor.

## **PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE**

Adjunt Assistant Professor | 2016 until present | Santiago, Chile  
Instructor | 2013 - 2016 | Santiago, Chile  
I have been lecturing and researching in Social Computing at the Department of Computer Science and at the School of Communications.

## TEACHING

### **UNDERGRADUATE COURSES**

PUC School of Communications  
- Interactive Media, 2015 - 2016.  
- Mobile Apps Workshop, 2014 - 2016.  
PUC School of Engineering  
- Hypermedia In Knowledge Exchange, 2013-2015.  
PUC School of Design  
- Summer Mobile Apps Workshop, January 2013.

### **GRADUATE COURSES**

Master in Information Management UC  
- World Wide Web's Technologies and Applications, 2014-2015.

### **TEACHING ASSISTANT**

PUC School of Engineering  
Courses: Hypermedia In Knowledge Exchange, Adoption of Information Technologies, Introduction to Public Policies. (2009-2012)

## MANUSCRIPTS AND PROCEEDINGS

Denis Parra, Christoph Trattner, Diego Gómez, Matías Hurtado, Xidao Wen, Yu-Ru Lin, "Twitter in academic events: A study of temporal usage, communication, sentimental and topical patterns in 16 Computer Science conferences", Computer Communications.

Ruth García, Diego Gómez, Denis Parra, Christoph Trattner, Andreas Kaltenbrunner, Eduardo Graells-Garrido, "Language, Twitter and Academic Conferences", Hypertext 2015: 26th ACM Conference on Hypertext & Social Media Proceedings, 2015.

Diego Gómez, Pablo Julio. Chapter 5 "Work Key development: an interdisciplinary work". "Ordering Chaos: Management and process modeling on Communications Industry". Ediciones UC. Santiago, Chile. 2015. ISBN N° 978-956-14-1707-6.

## PROJECTS

### **MY DREAM TEAM | RESEARCH ASSISTANT**

June 2017 - Present  
We are investigating how to self-assemble student- and faculty-based project teams that are optimally effective according to various criteria such as learning, cohesiveness, and final performance.

### **SOCIAL COMMUNICATIONS LAB | COORDINATOR**

February - August 2016 | Santiago, Chile  
Interdisciplinary research group working to advance media innovation and technology implementation. The laboratory is located at UC Innovation Center.  
<http://socialcomlab.uc.cl>

## SKILLS

### PROGRAMMING

PHP • Java • JavaScript • HTML •  
CSS • Rails • C# • MySQL •  
NodeJS • Swift

### SCIENTIFIC COMPUTATION

R • Matlab • SPARQL

### PRODUCTIVITY

Microsoft Office •  $\LaTeX$  • Linux •  
Windows Server • Adobe Creative  
Cloud

## AWARDS

### GRADUATE FELLOWSHIP RECIPIENT

Northwestern University  
2016

### DOCTORAL FELLOWSHIP "BECAS CHILE"

CONICYT  
2016

### PHD SCHOLARSHIP & BEST RESULT

Web Science Summer School  
2017

### SOCIETY OF YOUNG NETWORK SCIENTISTS SYMPOSIUM PHD SCHOLARSHIP

NetSci Conference  
2017

### PARTNERSHIP AWARD

Department of Computer Science  
Generation 2012

### STUDENT COMMENCEMENT SPEECH

PUC School of Engineering  
Generation 2012

## CERTIFICATES

### IELTS

August 2015: 7 Overall

### TOEFL

September 2015: 98

### GRE

November 2015: Verbal 150 •  
Quantitative 164 • A. Writing 3.0

## WORK KEY | DEVELOPER AND RESEARCHER

July 2011 until present | Santiago, Chile

A family of web applications focused on the management of journalistic stories, corporate communications, and Film&TV productions. This work was funded by FONDEF D0811082. Publications submitted.

## NIDEA | DEVELOPER AND RESEARCHER

July 2011 – July 2013 | Santiago, Chile

Worked with Prof. Miguel Nussbaum (Department of Computer Science) and Prof. Pablo Chiuminatto (School of Literature) NIDEA is a tool to create multimedia mind-maps based on documents uploaded by users. The application is available at <http://nidea.uc.cl>. Publication submitted.

## HYPERMEDIA UC | COORDINATOR

July 2014 - January 2015 | Santiago, Chile

Digital magazine created by students from the course 'Hypermedia In Knowledge Exchange'. Articles are available at <http://hipermedios.uc.cl>.

## PASSION UC | COORDINATOR

July 2010 - January 2013 | Santiago, Chile

A series of talks by professors who share their research projects to general public. They were recorded and published at the university's web site. <http://pasion.uc.cl>.

## UC'S STUDENT FEDERATION ELECTIONS | DEVELOPER

November 2014 - November 2015 | Santiago, Chile

A dedicated web site was designed to display the results from students elections. It offers a complete series of graphs and maps. It was used twice, having more than 100,000 visits. Graphs and maps are available at <http://www.radiouc.cl/resultados>.

## RESEARCH EXPERIENCE

### STANFORD TECHNOLOGY VENTURE PROGRAM | VISITOR SCHOLAR

November 2013 | San Francisco, USA

This program sought to promote innovation's education and entrepreneurship in universities from Chile and South America. During this internship, I participated in workshops, courses, talks, and meetings with entrepreneurs.

## PRESENTATIONS

### INSNA | 1ST NORTH AMERICAN SOCIAL NETWORK CONFERENCE (NASN)

July 2017 | Washington D.C, USA

Gomez-Zara, D., Vermeer, W., Gibson, Z., Bain, C., Anton, G., Dechurch, L., Wilensky, U., and Contractor, N.S. "The Role of Brokers in Academic Network Building"

### INSNA | 1ST NORTH AMERICAN SOCIAL NETWORK CONFERENCE (NASN)

July 2017 | Washington D.C, USA

Gibson, Z. M., Anton, G., Vermeer, W., Gómez-Zarà, D., Bain, C., Brady, C., DeChurch, L. A., Wilensky, W., Contractor, N. S. "Cultivating the Conference Culture: The Role of Diversity in Interdisciplinary Meetings"

### 2017 INTERDISCIPLINARY NETWORK FOR GROUP RESEARCH (INGROUP)

July 2017 | Saint Louis, USA

Lindsay Larson, Diego Gomez-Zara, Benjamin Jones, Leslie A. DeChurch, Noshir S. Contractor "Social Identification and Leadership Emergence Within and Between Teams"

### THE ANNUAL CONFERENCE OF THE INTERNATIONAL ASSOCIATION FOR MEDIA AND COMMUNICATION RESEARCH, IAMCR 2017

July 2017 | Catagena, Colombia

Francisco J. Fernández and Diego Gómez-Zarà. "Mejorando la calidad en la producción de noticias mediante la sistematización de la rutina periodística".

## SERVICE

### **NUTANGO**

2017-until present  
President

### **PUC STUDENTS' FEDERATION**

2011  
Engineering students' representative

### **PUC ENGINEERING STUDENTS' UNION**

2009  
Board member, Communications Chief

## REFERENCES

**Prof. Noshir Contractor**  
School of Communications  
nosh@northwestern.edu

**Prof. Juan Carlos De La Llera**  
Dean School of Engineering  
jdelallera@ing.puc.cl

**Prof. Silvia Pellegrini**  
Dean School of Communications  
spellegrini@uc.cl

**Prof. Ignacio Sánchez**  
President of Pontificia Universidad  
Católica de Chile isanchez@uc.cl

**Prof. Miguel Nussbaum**  
Department of Computer Science  
mn@ing.puc.cl

**Prof. Jorge Gana**  
Department of Computer Science  
jgana@ing.puc.cl

**Prof. Denis Parra**  
Department of Computer Science  
dparra@ing.puc.cl

## **THE 67TH ANNUAL CONFERENCE OF THE INTERNATIONAL COMMUNICATION ASSOCIATION**

May 2017 | San Diego, USA

Diego Gómez-Zará, Denis Parra, Carolina Pérez, Adrián Soto, Cristóbal García, Noshir Contractor. "The role of social movement organizations in Twitter: Evidence from the Chilean Student Movement".

## **2017 NASA HUMAN RESEARCH PROGRAM INVESTIGATORS' WORKSHOP**

January 2017 | Galveston, USA

Leslie A. DeChurch, Lindsay Larson, Diego Gomez-Zara, Benjamin Jones, Noshir S. Contractor, Jeffrey Johnson, "Leadership Emergence in Space Multiteam Systems"

## **COMPUTATION+JOURNALISM 2015**

October 2015 | New York, USA

Diego Gómez, Pablo Flores, Soledad Puente, Silvia Pellegrini, "Work Key News: a web platform to support journalistic processes and editorial meetings".

## **EIED2015**

September 2015 | Paris, France

Francisco Fernandez, Diego Gómez, J. A. Soto, Valentina Proust, "Appropriating the cyberspace: an immersive experience for college applicants". Presented at "5th European Immersive Education Summit (EiED2015)", IED Immersion, Université Paris-Sorbonne,

## POSTERS

### **WEB SCIENCE SUMMER SCHOOL WWSSS 2017**

July 2017 | Saint Petersburg, Russia

Diego Gomez-Zara, Lindsay Larson, Benjamin Jones, Leslie A. DeChurch, Noshir S. Contractor, "Leadership and Followership Emergence in Space Multiteam Systems"

### **INTERNATIONAL SCHOOL AND CONFERENCE ON NETWORK SCIENCE, NETSCI 2017**

June 2016 | Indianapolis, USA

Diego Gomez-Zara, Denis Parra, Noshir Contractor. "The role of social movement organizations and their leaders in Twitter: Evidence from the Chilean Student Movement".

### **INTERNATIONAL SCHOOL AND CONFERENCE ON NETWORK SCIENCE, NETSCI 2017**

June 2016 | Indianapolis, USA

Diego Gomez-Zara, Denis Parra, Noshir Contractor. "Using Relational Event Modeling to explain movements' emergence in Twitter: Evidence from the Chilean Student Movement".

## PROFESSIONAL DEVELOPMENT

### **PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE | DIPLOMA IN UNIVERSITY TEACHING**

2016-2017 | Santiago, Chile

This program aims the development of competences for a teaching of quality, based on the Guiding Principles of Pontificia Universidad Católica de Chile.

### **CHILEAN MINISTRY OF HOUSING AND URBAN PLANNING | INTERNSHIP**

January 2011 - March 2011 | Santiago, Chile

As a consequence from earthquake occurred at Chile in 2010, we developed a web-platform to support reconstruction tasks and emergency subsidies.

## WORKING PAPERS

Lindsay Larson, Diego Gómez-Zar4, Ben Jones, Leslie A. DeChurch, and Noshir Contractor. "Social Identity, Social Identification, and Intergroup Leadership".

Diego G3mez-Zar4, Leslie A. DeChurch, and Noshir Contractor. "Team Assembly Recommender Systems".

Diego G3mez-Zar4, Denis Parra, Carolina P3rez, Adri4n Soto, Crist3bal Garc4a, Noshir Contractor. "The role of social movement organizations in Twitter: Evidence from the Chilean Student Movement".