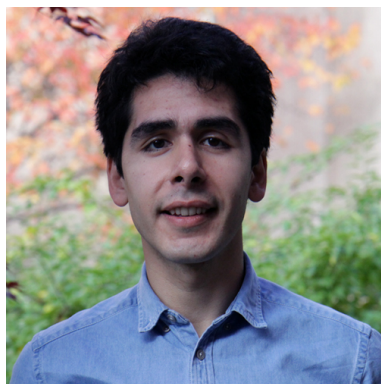


# Diego Gómez-Zará

<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

Diego Gómez-Zará, Miriam Boon, Larry Birnbaum, "Who is the Hero, the Villain, and the Victim? Detection of Roles in News Articles using Natural Language Techniques", Proceedings of the 23rd International Conference on Intelligent User Interfaces. ACM, 2018.

Denis Parra, Christoph Trattner, Diego Gómez-Zará, 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, 2016.

Ruth García, Diego Gómez-Zará, Denis Parra, Christoph Trattner, Andreas Kaltenbrunner, Eduardo Graells-Garrido, "Language, Twitter and Academic Conferences", ACM 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.

## 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

### 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>

### 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

### KELLOGG SCHOOL OF MANAGEMENT | ENLACE

January 2018 | Evanston, USA

Gómez-Zarà, D., Parra, D., Pérez, C., García, C., Contractor, N.S., "The Role of Social Movements in Twitter: Evidence from the Chilean Student Movement."

### CENTRO DE INVESTIGACIÓN EN TECNOLOGÍA Y PEDAGOGÍA | UNIVERSIDAD DE BUENOS AIRES

August 2017 | Buenos Aires, Argentina

Gomez-Zara, D., and Contractor, N.S., "Entorno My Dream Team (MDT). Sistemas de recomendación y análisis de redes."

### CHARLA SOCVIS | PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

August 2017 | Santiago, Chile

Gomez-Zara, D., and Contractor, N.S., "Exponential Random Graph Models for Social Network Analysis."

## SERVICE

### **NU INFOSOCIAL**

2017-18

Program Committee Chair

### **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

### **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".

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

May 2017 | San Diego, USA

Diego Gómez-Zarà, 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

### **ORGANIZATIONAL COMMUNICATION MINI CONFERENCE 2017**

October 2017 | Athens, USA

Diego Gomez-Zara, Jacqueline Ng, Silvia Andreoli, Leslie DeChurch, Noshir S. Contractor, "Facilitating Effective Team Assembly: Leveraging Recommender Systems to Enable Successful Multidisciplinary Research Collaborations"

### **COMPUTATION + JOURNALISM 2017**

October 2017 | Evanston, USA

Diego Gomez-Zara, Miriam Boon, Larry Birnbaum, "Who is the Hero and Who is the Villain? Detection of Roles in News Articles by Using Sentiment Analysis"

### **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-Zarà, Ben Jones, Leslie A. DeChurch, and Noshir Contractor. "Social Identity, Social Identification, and Intergroup Leadership".

Diego Gómez-Zarà, Leslie A. DeChurch, and Noshir Contractor. "Team Assembly Recommender Systems".

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