

## EDUCATION

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<b>Northwestern University</b> <i>Ph.D. in Technology and Social Behavior</i> Dissertation Title: “In search of diverse and connected teams: examining how recommender systems help people assemble teams.” Committee: Noshir Contractor, Leslie DeChurch, Haoqi Zhang, Melissa Valentine.	Evanston, IL, USA 2016 – 2021
<b>Northwestern University</b> <i>Master of Science in Technology and Social Behavior</i>	Evanston, IL, USA 2016 – 2019
<b>Pontificia Universidad Católica de Chile</b> <i>Master of Science in Computer Science</i>	Santiago, Chile 2011 – 2012
<b>Pontificia Universidad Católica de Chile</b> <i>Bachelor in Industrial Engineering and Information Technologies</i>	Santiago, Chile 2006 – 2010

## ACADEMIC APPOINTMENTS

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<b>University of Notre Dame</b> <i>Assistant Professor — Department of Computer Science and Engineering</i> <i>Assistant Professor (courtesy) — Mendoza College of Business</i>	South Bend, IN, USA 2022 –
<b>Northwestern University</b> <i>Postdoctoral Fellow — Kellogg School of Management</i>	Evanston, IL, USA 2021 – 2022
<b>Pontificia Universidad Católica de Chile</b> <i>Adjunct Assistant Professor — School of Communication</i>	Santiago, Chile 2016 – present
<b>Pontificia Universidad Católica de Chile</b> <i>Instructor — School of Communication and Department of Computer Science</i>	Santiago, Chile 2013 – 2015

## AWARDS & RECOGNITIONS

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<b>Academy of Management (AOM)</b> <i>Best Paper Award</i>	Chicago, United States 2024
<b>Interdisciplinary Network for Group Research (INGRoup)</b> <i>J. Richard Hackman Award for the Dissertation that Most Significantly Advances the Study of Groups</i>	Germany 2022
<b>Northwestern University — School of Communication</b> <i>Graduate Dissertation Award</i>	United States 2022
<b>International Communication Association</b> <i>Top-4 Paper &amp; Best Student Paper Award, Organizational Communication Division</i>	United States 2021
<b>McKinsey &amp; Company</b> <i>Diversity Connect Program</i>	United States 2021
<b>ACM CHI Conference on Human Factors in Computing Systems</b> <i>Best Paper Honorable Mention</i>	Honolulu, HI 2020
<b>Northwestern University — Segal Design Institute</b> <i>Design Cluster Fellowship</i>	Evanston, IL 2018-19
<b>Northwestern University</b> <i>Doctoral Fellowship</i>	Evanston, IL 2016-
<b>Center for Work, Technology, and Organization — Stanford University</b> <i>Ph.D. Travel Award</i>	Palo Alto, CA 2018
<b>2017 Web Science Summer School</b> <i>Ph.D. Travel Award &amp; Best Paper Award</i>	Saint Petersburg, Russia 2017
<b>Society of Young Network Scientists — 2017 NetSci</b> <i>Symposium Ph.D. Scholarship</i>	Indianapolis, IN 2017
<b>Becas Chile — CONICYT</b> <i>Doctoral Fellowship</i>	Santiago, Chile 2016
<b>Department of Computer Science — Pontificia Universidad Católica de Chile</b> <i>Partnership Award</i>	Santiago, Chile 2013
<b>School of Engineering — Pontificia Universidad Católica de Chile</b> <i>Student Commencement</i>	Santiago, Chile 2013

## GRANTS

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<b>National Science Foundation</b> <i>SOO: Collaborative Research: HNDS-R: Advancing Diverse Viable Effective Networked Teams (ADVENT)</i> PI; Award Number: 2341431; Award Amount \$400,000, Gomez-Zara's share: \$200,000	United States 2024-2027
<b>National Science Foundation</b> <i>SoS:DCI: Collaborative Research: Examining the effects of gender composition on disruptive science</i> PI; Award Number: 2420981; Award Amount \$400,000, Gomez-Zara's share: \$200,000	United States 2024-2026
<b>Slack Inc.</b> <i>Slack Academic Grant Program</i> PI; Award Amount \$10,000, Gomez-Zara's share: \$10,000	United States 2024
<b>Alfred P. Sloan Foundation</b> <i>Research Grant</i> PI; Award Number: 2024-22427; Award Amount \$500,000, Gomez-Zara's share: \$250,000	United States 2024-2026
<b>Notre Dame Research</b> <i>Equipment Purchase, Restoration &amp; Renewal Program: Renewal of Notre Dame Virtual Reality Lab Hardware</i> Co-PI; Award Amount \$61,450.00	United States 2024
<b>Defense Advanced Research Projects Agency (DARPA)</b> <i>EMHAT: Exploratory Models of Human-AI Teams</i> ND's PI; Award Amount: \$1,00,000, Gomez-Zara's share: \$291,975	United States 2024-2025
<b>Notre Dame-IBM Technology Ethics Lab</b> <i>Evaluation, Metrics, and Benchmarks for Generative AI Systems</i> PI; Award Amount \$32,000, Gomez-Zara's share: \$15,000	United States 2024
<b>Microsoft Research</b> <i>Accelerating Foundation Models Research</i> PI; Award Amount: \$20,000 in computing credits	United States 2023-2024
<b>Amazon Inc.</b> <i>Amazon Research Award</i> PI; Award Amount: \$70,000	United States 2023
<b>National Science Foundation</b> <i>Doctoral Dissertation Improvement Grant, DRMS</i> Co-PI; Award Number: 2021117, Award Amount: \$31,916	United States 2020
<b>Microsoft Research</b> <i>Dissertation Grant</i> PI; Award Amount: \$25,000	United States 2020

## JOURNAL ARTICLES

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- Gómez-Zarà, D.**, Liu, Y., Neves, L., Shah, N., & Bos, M. (2024). Unpacking the exploration-exploitation tradeoff on Snapchat: The relationships between users' exploration-exploitation interests and server log data. *Computers in Human Behavior*, Volume 150, 108014. <https://doi.org/10.1016/j.chb.2023.108014>, [Impact Factor: 9.9]
- Gómez-Zarà, D.**, Schiffer, P., & Wang, D. (2023). The promise and pitfalls of the metaverse for science. *Nature Human Behaviour*, 7, 1237-1240. <https://www.nature.com/articles/s41562-023-01599-5>, [Impact Factor: 29.9]
- Gómez-Zarà, D.**, Das, A., Pawlow, B., & Contractor, N. (2022). In search of diverse and connected teams: a computational approach to assemble diverse teams based on members' social networks. *PLoS ONE*. 17(11): e0276061. <https://doi.org/10.1371/journal.pone.0276061>, [Impact Factor: 3.7]
- Gómez-Zarà, D.**, & Diakopoulos, N. (2020). Characterizing Communication Patterns between Audiences and Newsbots. *Digital Journalism*, 8:9, 1093-1113, <https://doi.org/10.1080/21670811.2020.1816485>
- Gómez-Zarà, D.**, Andreoli, S., DeChurch, L. A., & Contractor, N. S. (2019). Discovering collaborators online: Assembling interdisciplinary teams online at an Argentinian University. *Cuadernos.info*, (44), 21-41. <https://doi.org/10.7764/cdi.44.1575>
- Parra, D., Trattner, C., **Gómez-Zarà, D.**, Hurtado, M., Wen, X., & Lin, Y. R. (2016). Twitter in academic events: a study of temporal usage, communication, sentimental and topical patterns in 16 computer science conferences. *Computer Communications*, 73, 301-314. <https://doi.org/10.1016/j.comcom.2015.07.001>

## CONFERENCE PROCEEDINGS

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- Gomez-Zara, D.** (2024). Assigning or Recommending You a Team? The Algorithmic Effects on Team Formation and Performance. In *Academy of Management Proceedings* (Vol. 2024, No. 1, p. 12540). Valhalla, NY 10595: Academy of Management. <https://doi.org/10.5465/AMPROC.2024.275bp> [Acceptance Rate: 20%]

Balsara, D. & **Gómez-Zar4, D.** (2024). Virtual Threads: A Systematic Literature Review of 10 Years of VR/AR/MR Adoption in Fashion Design. In *Proceedings of the 2024 ACM Designing Interactive Systems Conference*. Association for Computing Machinery, New York, NY, USA, 486–489. <https://doi.org/10.1145/3643834.3661575> [Acceptance Rate: 25%]

Huang, E.J., Garg, K., **Gómez-Zar4, D.**, Hui, J., Kulkarni, C., Massimi, M., Churchill, E., & Gerber, E. (2023, October). Supporting Workers in Developing Effective Collaboration Skills for Complex Work. In *Companion Publication of the 2023 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '23 Companion)*. Association for Computing Machinery, New York, NY, USA, 486–489. <https://doi.org/10.1145/3584931.3611290> [Acceptance Rate: 24%]

Das, A., **Gómez-Zar4, D.**, & Contractor, N. (2020, December). Forming Diverse Teams Based on Members' Social Networks: A Genetic Algorithm Approach. In *International Conference on Complex Networks and Their Applications* (pp. 346-357). Springer, Cham. [https://doi.org/10.1007/978-3-030-65351-4\\_28](https://doi.org/10.1007/978-3-030-65351-4_28)

Kaven, E., Kaven, I., **Gómez-Zar4, D.**, DeChurch, L., & Contractor, N. (2020, December). Assessing How Team Task Influences Team Assembly Through Network Analysis. In *International Conference on Complex Networks and Their Applications* (pp. 322-334). Springer, Cham. [https://doi.org/10.1007/978-3-030-65351-4\\_26](https://doi.org/10.1007/978-3-030-65351-4_26)

Tyagi, A., **Gómez-Zar4, D.**, & Contractor, N. S. (2020). Friendship, Advice, and Teams in Graduate Student Social Networks. In *2020 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)*. IEEE. <https://doi.org/10.1109/ASONAM49781.2020.9381366>

**Gómez-Zar4, D.**, DeChurch, L. A., & Contractor, N. S., (2020). A Taxonomy of Team-Assembly Systems: Understanding How People Use Technologies to Form Teams. In *Proc. ACM Hum.-Comput. Interact.* 4, CSCW2, Article 181 (October 2020), 35 pages. <https://doi.org/10.1145/3415252>

**Gómez-Zar4, D.**, Guo, M., DeChurch, L. A., & Contractor, N. S. (2020). The impact of displaying diversity information on the formation of self-assembling teams. In *CHI Conference on Human Factors in Computing Systems Proceedings (CHI 2020)*, April 25–30, 2019, Hawaii, USA. ACM, New York, NY, USA, 13 pages. <https://doi.org/10.1145/3313831.3376654> - **Best Paper Honorable Mention Award**

Alvarado García, A., Badillo-Urquiola, K., Barrera Machuca, M. D., Cibrian, F. L., Ciolfi Felice, M., Gaytán-Lugo, L. S., **Gómez-Zar4, D.**, Griggio, C. F., Silva-Prietch, S., Tejada, C., & Wong-Villacres, M. Fostering HCI Research in, by, and for Latin America. In *CHI Conference on Human Factors in Computing Systems Proceedings (CHI 2020)*, April 25–30, 2019, Hawaii, USA. ACM, New York, NY, USA, 4 pages. <https://doi.org/10.1145/3334480.3381055>

Ichhaporia, R., **Gómez-Zar4, D.**, DeChurch, L., & Contractor, N. (2020). A Network Approach to the Formation of Self-assembled Teams. *Complex Networks and Their Applications VIII*, 969–981. Springer International Publishing. [https://doi.org/10.1007/978-3-030-36683-4\\_77](https://doi.org/10.1007/978-3-030-36683-4_77)

Harris, A. M., **Gómez-Zar4, D.**, DeChurch, L. A., & Contractor, N. S., (2019). Joining together online: The trajectory of CSCW scholarship on group formation. In *Proc. ACM Hum.-Comput. Interact.* 3, CSCW, Article 148, 27 pages. <https://doi.org/10.1145/3359250>

**Gómez-Zar4, D.**, Chiuminatto, P., & Nussbaum, M. (2019). Using multimodal and hyperlinked representations of knowledge as academic writing aids. In *30th ACM Conference on Hypertext and Social Media (HT '19)*, September 17–20, 2019, Hof, Germany. ACM, New York, NY, USA, 5 pages. <https://doi.org/10.1145/3342220.3343645>

**Gómez-Zar4, D.**, Paras, M., Twyman, M., Ng, J., DeChurch, L. A., & Contractor, N. S. (2019). Who Would You Like to Work With?: Use of Individual Characteristics and Social Networks in Team Formation Systems. In *CHI Conference on Human Factors in Computing Systems Proceedings (CHI 2019)*, May 4–9, 2019, Glasgow, Scotland UK. ACM, New York, NY, USA, 15 pages. <https://doi.org/10.1145/3290605.3300889>

**Gómez-Zar4, D.**, Boon, M., & Birnbaum, L. (2018). Who is the Hero, the Villain, and the Victim?: Detection of Roles in News Articles using Natural Language Techniques. In *23rd International Conference on Intelligent User Interfaces* (pp. 311-315). ACM. <https://doi.org/10.1145/3172944.3172993>

Gavilanes, R., **Gómez-Zar4, D.**, Parra Santander, D., Trattner, C., Kaltenbrunner, A., & Graells, E. (2015). Language, twitter and academic conferences. In *Proceedings of the 26th ACM conference on hypertext & social media* (pp. 159-163). ACM. <https://doi.org/10.1145/2700171.2791059>

## CONFERENCE AND WORKSHOP PAPERS (WITHOUT PROCEEDINGS)

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Banerjee, N. & **Gómez-Zar4, D.** (2024, July). *All-Female Teams Produce More Disruptive Work*. Paper presented at the *International Conference for Computational Social Science (IC2S2)*. Philadelphia, PA, USA.

**Gómez-Zar4, D.** & Contractor, N. (2024, July). *Assigning or recommending you to a team? The Algorithmic Effects on Team Assembly and Performance*. Paper presented at the *International Conference for Computational Social Science (IC2S2)*. Philadelphia, PA, USA.

- Banerjee, N. & **Gómez-Zarà, D.** (2024, July). *All-Female Teams Produce More Disruptive Work*. Paper presented at the *International Conference for Science of Science and Innovation (ICSSI)*. Washington, DC, USA.
- Gómez-Zarà, D.**, Schiffer, P., Wang, D. (2024, July). *The promise and pitfalls of the metaverse for science*. Paper presented at the *International Conference for Science of Science and Innovation (ICSSI)*. Washington, DC, USA.
- Banerjee, N. & **Gómez-Zarà, D.** (2024, June). *All-Female Teams Produce More Disruptive Work*. Workshop Paper presented at the *2024 NetSci's Networks in Science of Science Workshop*. Quebec City, Canada.
- Sayadi, N. & **Gómez-Zarà, D.** (2024, May). *Fostering Inclusive Virtual Reality Environments: Discussing Strategies for Promoting Group Dynamics and Mitigating Harassment*. Workshop Paper presented at the “Novel Approaches for Understanding and Mitigating Emerging New Harms in Immersive and Embodied Virtual Spaces” workshop. 2024 CHI Conference on Human Factors in Computing Systems, Hawaii, USA.
- Almutairi, M. & **Gómez-Zarà, D.** (2024, May). *Towards Effective Multidisciplinary Health and HCI Teams based on AI Framework*. Workshop Paper presented at the “Conducting Research at the Intersection of HCI and Health: Building and Supporting Teams with Diverse Expertise to Increase Public Health Impact” workshop. 2024 CHI Conference on Human Factors in Computing Systems, Hawaii, USA.
- Banerjee, N. & **Gómez-Zarà, D.** (2023, December). *All-Female Teams Produce More Disruptive Work*. Paper presented at the 2023 COSE Research Horizons Symposium. Notre Dame, IN, USA.
- Almutairi, M. & **Gómez-Zarà, D.** (2023, December). *AI in Online Education: Synergizing Non-verbal Engagement and Intelligent Team Formation*. Poster presented the 2023 COSE Research Horizons Symposium. Notre Dame, IN, USA.
- Chiang, C. & **Gómez-Zarà, D.** (2023, April). *Photo-Emojis for Human Connections*. Workshop Paper presented at the “Integrating Individual and Social Contexts into Self-Reflection Technologies” workshop. 2023 CHI Conference on Human Factors in Computing Systems, Hamburg, Germany.
- Gómez-Zarà, D.** & Contractor, N. S. (2021, October). *Estudio de análisis de redes sociales temporales usando Relational Event Modeling*. Paper presented at 7ma Reunión Latinoamericana de Análisis de Redes Sociales. San Salvador de Jujuy, Argentina.
- Gómez-Zarà, D.**, DeChurch, L. A., & Contractor, N. S. (2021, August). *Do I Know You? The Effects of Social Capital on Self-Assembled Groups*. Paper presented at the 81st Annual Meeting of the Academy of Management.
- Gómez-Zarà, D.**, DeChurch, L. A., & Contractor, N. S. (2021, May). *Do I Know You? The Effects of Social Capital on Self-Assembled Groups*. Paper presented at the 71st Annual Conference of the International Communication Association.
- Gómez-Zarà, D.**, DeChurch, L. A., & Contractor, N. S. (2020, November). *Do I Know You? The Effects of Offline Social Capital on Self-Assembled Teams Online*. Paper presented at the 106th National Communication Association Annual Convention.
- Gómez-Zarà, D.**, Guo, M., DeChurch, L. A., & Contractor, N. S. (2019, October). *The diversity paradox: How perceived diversity affects group formation*. Paper presented at the Organizational Communication Mini Conference (OCMC), Urbana, IL, USA
- Gómez-Zarà, D.**, Pérez, C., Parra, D., & Contractor, N. S. (2019, May). *The role of organizations and individuals in connective action: A Social Network Analysis of a Social Movement's Frames promoted in Twitter*. Paper presented at the 69th Annual Conference of the International Communication Association, Washington, USA.
- Gómez-Zarà, D.**, Paras, M., Schecter, A., DeChurch, L. A., & Contractor, N. S. (2019, January). *Using relational event modeling for understanding team formation mechanisms in teams assembled online*. Paper presented at NetSciX, Santiago, Chile.
- Gómez-Zarà, D.**, Andreoli, S., DeChurch, L. A., & Contractor, N. S. (2018, October). *How can we assemble better interdisciplinary teams? The "My Dream Team" experience at the Universidad of Buenos Aires* at MESO Conference. Paper Presented at Contemporary Developments on Media, Culture and Society: Argentina and America Latina, Buenos Aires, Argentina.
- Gómez-Zarà, D.**, Ng, J., Twyman, M. Andreoli, S., DeChurch, L. A., & Contractor, N. S. (2018, July). *Social Cognition and Team Assembly: Competence, Warmth, or Embeddedness*. Paper presented at the Interdisciplinary Network for Group Research (INGRoup) Annual Meeting, Bethesda, MD.
- Gómez-Zarà, D.**, Ng, J., Twyman, M., DeChurch, L. A., & Contractor, N. S. (2018, March). *Social Cognition and Team Assembly: Competence, Warmth, or Embeddedness*. Paper Presented at the ATLAS' Teams Research Incubator Weekend, Evanston, IL, USA.
- Gómez-Zarà, D.**, Ng, J., Twyman, M. Andreoli, S., DeChurch, L. A., & Contractor, N. S. (2017, October). *Facilitating Effective Team Assembly: Leveraging Recommender Systems to Enable Successful Multidisciplinary*

*Research Collaborations*. Poster presented at the Organizational Communication Mini Conference (OCMC), Athens, OH., USA

**Gómez-Zarà, D.**, Boon, M., & Birbaum, L. (2017, October). *Who is the Hero and Who is the Villain? Detection of Roles in News Articles by Using Sentiment Analysis*. Poster presented at the Computation + Journalism Symposium, Evanston, IL., USA

**Gómez-Zarà, D.**, Larson, L., Jones, B., DeChurch, L. A., & Contractor, N. S. (2017, May). *Leadership and Followership Emergence in Space Multiteam Systems*. Poster presented at the Web Science Summer School (WSSSS), Saint Petersburg, Russia.

Gibson, Z. M., Anton, G., Vermeer, W., **Gómez-Zarà, D.**, Bain, C., Brady, C., . . . Contractor, N. S. (2017, July). *Cultivating the conference culture: The role of diversity in interdisciplinary meetings*. Paper presented at the 1st North American Social Networks Conference, Washington, D.C.

**Gómez-Zarà, D.**, Vermeer, W., Gibson, Z., Bain, C., Anton, G., Brady, C., . . . Contractor, N. S. (2017, July). *The role of brokers in academic network building*. Paper presented at the 1st North American Social Networks Conference, Washington, D.C.

Larson L. E., **Gómez-Zarà, D.**, Jones B. R., DeChurch, L. A., & Contractor, N. (2017, July). *Social identity, social identification, and intergroup leadership*. In Brown, Tara (chair), *Dynamics at the boundaries is what matters*. Symposium presented at the Interdisciplinary Network for Group Research (INGRoup) Annual Meeting, Saint Louis, MO.

**Gómez-Zarà, D.**, Parra, D., García, C., & Contractor, N. S. (2017, June). *The role of social movement organizations and their leaders in Twitter: Evidence from the Chilean Student Movement*. Poster presented at the International School and Conference on Network Science (NetSci 2017), Indianapolis, IN.

**Gómez-Zarà, D.**, Parra, D., & Contractor, N. S. (2017, June). *Using relational event modeling to explain movements' emergence in Twitter: Evidence from the Chilean Student Movement*. Poster presented at the International School and Conference on Network Science (NetSci 2017), Indianapolis, IN.

**Gómez-Zarà, D.**, Parra, D., Pérez, C., Soto, A., García, C., & Contractor, N. S. (2017, May). *The role of social movement organizations in Twitter: Evidence from the Chilean Student Movement*. Paper presented at the 67th Annual Conference of the International Communication Association, San Diego, CA.

Fernández, F. J. & **Gómez-Zarà, D.** (2017, May). *Mejorando la calidad en la producción de noticias mediante la sistematización de la rutina periodística*. Paper presented at the annual Conference of the International Association for Media and Communication Research (IAMCR), Cartagena, Colombia.

DeChurch, L. A., Larson, L., Jones, B., **Gómez-Zarà, D.**, & Contractor, N. S. (2017, May). *Social identification and leadership emergence within and between teams*. Paper presented at the Interdisciplinary Perspectives on Leadership Symposium, Mykonos, Greece.

DeChurch, L. A., Contractor, N. S., Niler, A., Mesmer-Magnus, J. R., Plummer, G., & **Gómez-Zarà, D.** (2017, February). *Shared cognition in multiteam systems: A NASA space analog study*. Poster presented at the Organization Science Winter Conference, Park City, UT.

DeChurch, L. A., Larson, L., **Gómez-Zarà, D.**, Jones, B. R., Contractor, N., & Johnson, J. (2017, January). *Leadership emergence in space multiteam systems*. Presented on a panel titled "Team, Training, and Performance Metrics" at the NASA Human Research Program Investigators' Workshop, Galveston, TX.

**Gómez-Zarà, D.**, Flores, P., Puente, S., & Pellegrini, S. (2015, October). *Work Key News: a web platform to support journalistic processes and editorial meetings*. Presentation at the Computation + Journalism Symposium, New York, NY.

Fernández, F.J., **Gómez-Zarà, D.**, & Proust, V. (2015, September). *Appropriating the cyberspace: an immersive experience for college applicants*. Presented at the 5th European Immersive Education Summit (EiED2015), Université Paris-Sorbonne, Paris, France.

## IN PRESS, R&R, SUBMITTED

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**Gómez-Zarà, D.**, Valdivieso, H., Perez, J., Parra, D., Valenzuela, S. (R&R in Digital Journalism) Leveraging the Study of News Articles with Language Models: An Approach to Employ Artificial Intelligence in Journalism Studies.

Garg, K., **Gómez-Zarà, D.**, Gerber, E., Gargle, D., Contractor, N., Massimi, M. (R&R in 2024 CSCW) What Remotely Matters? Understanding Individual, Team, and Organizational Factors in Remote Work at Scale.

Almutairi, M. & **Gómez-Zarà, D.** (Submitted to 2024 KDD). Facilitating Team Formation based on Users' Feedback: A Multi-Armed Bandit Approach.

Xing, Y., Bar, J., Hubbard, T., Villano, M., & **Gómez-Zar4, D.** (Submitted to 2024 UBICOMP). Immersed in my Ideas: Using Virtual Reality and Multimodal Interactions to Visualize Users' Ideas and Thoughts

Chiang, C. & **Gómez-Zar4, D.** (Submitted to 2024 DIS). The Evolution of Emojis for Sharing Emotions: A Systematic Review of the HCI Literature

Fernandez-Espinosa, M., Gonzalez, M., Weiser, J., & **Gómez-Zar4, D.** (Submitted to 2025 CSCW). Exploring How Domestic Workers Employ Technologies

Xia, J. & **Gómez-Zar4, D.** (Submitted to 2025 CSCW). The Power of My Teammates' Words: Predicting individual- and team-level attributes from team transcripts

## BOOK CHAPTERS

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**Gómez-Zar4, D.**, & Julio, P., "Work Key development: an interdisciplinary work". In "Ordering Chaos: Management and process modeling on Communications Industry". Ediciones UC. Santiago, Chile. 2015. ISBN N° 978-956-14-1707-6

## TEACHING

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### University of Notre Dame:

**CSE-40647 / CSE-60647:** Spring 2024 "Data Science" (Instructor)

**MDSC-20009:** Spring 2023 "Introduction to Data Science" (Instructor)

**CSE-40424:** Fall 2022, Fall 2023 "Human Computer Interaction" (Instructor)

### Northwestern University:

**MSLCE-529:** 2021 "Leveraging Networks in Creative Enterprises - Special Topics in Creative Enterprises" by Prof. Noshir Contractor (Teaching assistant)

**Kellogg's Executive Program:** 2020 & 2021 "Digital Transformation" session by Prof. Noshir Contractor (Teaching assistant)

**"Computing Everywhere!":** 2019 & 2020 Social Networks Session (Instructor)

**Kellogg's Executive Program:** 2018 & 2019 "Leading Into the Future" session by Prof. Noshir Contractor and Prof. Paul Leonardi (Teaching assistant)

**IEMS-341:** 2019 & 2021: "Social Network Analytics" by Prof. Noshir Contractor (Teaching assistant)

**MSiA-490:** 2018 "Special Topics: Social Network Analytics" by Prof. Noshir Contractor (Teaching assistant)

**Custom Leadership Program - MSC-492-0:** 2018 - 2020 "Understanding and Leveraging Networks" by Prof. Noshir Contractor (Teaching assistant)

**Hybrid Leadership Program - MSC-492-6:** 2018 - 2021 "Understanding and Leveraging Networks" by Prof. Noshir Contractor (Teaching assistant)

**2018 Summer Institute in Computational Social Science:** (Teaching assistant)

### Pontificia Universidad Católica de Chile:

**IIC-3130:** 2014 & 2015 World Wide Web's Technologies and Applications (Instructor)

**COM-117:** 2015 & 2016 Interactive Media (Instructor)

**COM-029:** 2014, 2015, & 2016 Mobile Apps Workshop (Instructor)

**IIC-1102:** 2013, 2014, & 2015 Hypermedia In Knowledge Exchange (Instructor)

**DNO-1002:** 2013 Summer Mobile Apps Workshop (Instructor)

**IIC-2154:** 2011 Proyecto de Especialidad (Teaching assistant)

**ICS-1800:** 2010 & 2011 Introducción a las Política Públicas (Teaching assistant)

**IIC-2763:** 2010 Adopción de Tecnologías de Información (Teaching assistant)

## MENTORING

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### Doctoral Students:

- Charles Chiang, *University of Notre Dame*, Ph.D. in Computer Science (2022-)
- Nandini Banerjee, *University of Notre Dame*, Ph.D. in Computer Science (2022-)
- Mohammed Almutairi, *University of Notre Dame*, Ph.D. in Computer Science (2023-)
- Niloofar Sayadi, *University of Notre Dame*, Ph.D. in Computer Science (2023-)
- Mariana Fernandez-Espinosa, *University of Notre Dame*, Ph.D. in Computer Science (2023-)
- Yunhao Xing, *University of Notre Dame*, Ph.D. in Computer Science (2023-)
- Jiarui Xia, *University of Notre Dame*, Ph.D. in Computer Science (2024-)

### Undergraduate students at Notre Dame:

- Jingwu Wang, *Rice University through the iSURE program*, Major: Computer Science (2024)
- Noor Achkar, *University of Notre Dame*, Major: Computer Science (2024)
- Jerrick Ban, *University of Notre Dame*, Major: Computer Science (2024)

- David Chirumbolo, *University of Notre Dame*, Major: Computer Science (2024)
- Sadie Co, *University of Notre Dame*, Major: Computer Science (2024)
- Tara Devaraj, *University of Notre Dame*, Major: Computer Science (2024)
- Marc Edde, *University of Notre Dame*, Major: Computer Science (2024)
- Delna Balsara, *University of Notre Dame*, Major: Computer Science (2023-24)
- Katarina Vorne, *University of Notre Dame*, Major: Computer Science (2023-24)
- Andrew Pelham, *University of Notre Dame*, Major: Computer Science (2023)
- Ruohan Lu, *Shanghai University through the iSURE program*, Major: Computer Science (2023)
- Luis Sosa, *University of Notre Dame*, Major: Computer Science (2023)
- Parker Scanlon, *University of Notre Dame*, Major: Computer Science (2023)
- Austin Chang, *University of Notre Dame*, Major: Computer Science (2023)
- Farah Khashman, *University of Notre Dame*, Major: Computer Science (2023)

#### **Undergraduate students at Northwestern University:**

- Victoria Kam, *Northwestern University*, Major: Neuroscience and Cognitive Sciences (2021)
- Charlie Chiang, *Northwestern University*, Major: Computer Science (2022)
- Taylor Kesicki, *Northwestern University*, Major: Neuroscience and Cognitive Sciences (2021)
- Mark MacGuidwin, *Northwestern University*, Major: Industrial Engineering and Management Sciences (2024)
- Selena Suarez, *Northwestern University*, Major: Industrial Engineering and Management Sciences (2021)
- Isabella Melendez, *Northwestern University*, Major: Bio-engineering (2021)
- Jiayi Gu, *Northwestern University*, Major: Industrial Engineering and Management Sciences (2021)
- Shalom Alarape, *Northwestern University*, Major: Computer Science (2021)
- Natalia Simbolon, *Northwestern University*, Major: Sociology (2021)
- Amanda Sugiharto, *Northwestern University*, Major: Industrial Engineering and Management Sciences (2019)
- Mengzi Guo, *Northwestern University*, Major: Industrial Engineering and Management Sciences (2019)
- Matthew Paras, *Northwestern University*, Major: Industrial Engineering and Management Sciences (2018)
- Giovanna Varalta, *Northwestern University*, Major: Industrial Engineering and Management Sciences (2018)

#### **High school students:**

- Emily Kaven, *Evanston Township High School District 202* (2020)
- Ilana Kaven, *Evanston Township High School District 202* (2020)
- Archan Das, *Illinois Mathematics and Science Academy* (2020)
- Rustom Ichhaporia, *Illinois Mathematics and Science Academy* (2019)

## INVITED TALKS

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- 2024, July. **Network for the Public Communication of Science and Technology (PCST), Notre Dame.** Presentation at the 2024 PCST Science Communication Symposium.
- 2024, June. **2024 NetSci Conference, Quebec City, Canada.** Presentation at Networks of Science of Science Workshop.
- 2024, May. **Microsoft Research, Online.** Presentation at the 2024 Creativity Virtual Workshop.
- 2023, June. **Universidad del Desarrollo, Chile.** Presentation at Center of Data Science.
- 2023, June. **University of Notre Dame, USA.** Presentation at the ND Research Retreat.
- 2023, May. **RTX, USA.** Presentation at the AI-Day Technical Talk Series
- 2023, March. **Northwestern University, USA.** Presentation at the Center for Latinx Digital Media
- 2023, January. **MIT Media Lab - PUC, Chile.** Presentation at the MIT–Chile Human-Centered AI & Visualization Research Workshop
- 2022, October. **CHIWORK, USA.** Presentation at the CHIWORK Online Conversations
- 2022, August. **INSciTS, USA.** Presentation at the June 15 INSciTS Summer of Team Science Pre-Conference
- 2022, August. **University of Chicago, USA.** Presentation at the Department of Computer Science.
- 2021, August. **Universidad del Desarrollo, Chile.** Presentation at Center of Data Science.
- 2021, April. **Syracuse University.** Presentation at the School of Information.
- 2021, April. **Rutgers University.** Presentation at the School of Communication and Information.

2021, April. **George Mason University**. Presentation at the Department of Information Systems.

2021, February. **GeorgiaTech**. Presentation at the School of Interactive Computing.

2021, February. **University of Notre Dame**. Presentation at the Department of Computer Science Engineering.

2021, February. **Rutgers University**. Presentation at the Rutgers Byrne Seminar USA.

2021, February. **Kellogg School of Management**. Presentation at the Center of Science of Science and Innovation (CSSI).

2020, February. **University of Notre Dame**. Presentation at the Mendoza College of Business, Information Technology, Analytics, and Operations (ITAO).

2020, February. **University of Michigan**. Presentation at the School of Information.

2019, December. **Northwestern University**. *A Network Approach to the Formation of Self-assembled Teams*. Presentation at the Northwestern Institute on Complex Systems (NICO), Evanston, USA.

2018, December. **Pontificia Universidad Católica de Chile**. *Exponential Random Graph Models: Uso de métodos estadísticos para el análisis de Redes Sociales*. Presentation at Facultad de Comunicaciones UC, Santiago, Chile.

2018, October. **Universidad de Buenos Aires**. *Assembly required. Organizing in the 21st century*. Keynote at CITEP, Buenos Aires, Argentina.

2018, April. **Universidad de Buenos Aires**. *¿Cómo conformar mejores equipos interdisciplinarios? La experiencia “My Dream Team” en CITEPLab*. Keynote at CITEP, Buenos Aires, Argentina.

2018, January. **Kellogg School of Management**. *The Role of Social Movements in Twitter: Evidence from the Chilean Student Movement*. Keynote at ENLACE Speak Series, Evanston, IL, USA.

2017, August. **Universidad de Buenos Aires**. *Entorno My Dream Team (MDT). Sistemas de recomendación y análisis de redes*. Presentation at CITEP, Buenos Aires, Argentina.

2017, August. **Pontificia Universidad Católica de Chile**. *Exponential Random Graph Models for Social Network Analysis*. Keynote at the SocVis Research Group, Santiago, Chile.

## SERVICE

<b>ACM CHI Conference on Human Factors in Computing Systems (CHI)</b> <i>Associate Chair</i>	USA 2024
<b>Academy of Management (AOM) Annual Meeting</b> <i>Associate Editor</i>	USA 2024
<b>ACM CHI Conference on Human Factors in Computing Systems (CHI)</b> <i>Associate Chair</i>	USA 2023
<b>ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)</b> <i>Diversity, Inclusion, and Equity Chair</i>	USA 2022-2023
<b>ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)</b> <i>Associate Chair</i>	USA 2023
<b>ACM Fairness, Accountability, and Transparency (FAccT)</b> <i>Area Chair &amp; Session Chair</i>	USA 2023
<b>ACM Conference on Computer-Supported Cooperative Work and Social Computing</b> <i>Steering Committee</i>	USA 2019-2021
<b>ACM Conference on Intelligent User Interfaces (IUI)</b> <i>Student Consortium Chair</i>	USA 2020-2021
<b>Northwestern NuTango</b> <i>President</i>	Evanston, IL, USA 2017-2021
<b>Northwestern InfoSocial Graduate Conference</b> <i>Publicity Chair</i>	Evanston, IL, USA 2017-2018
<b>Federación de Estudiantes UC</b> <i>Consejero Territorial Ingeniería</i>	Santiago, Chile 2011
<b>Centro de Alumnos de Ingeniería UC</b> <i>Jefe de Comunicaciones (Communication Chief)</i>	Santiago, Chile 2009



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## REVIEWER

**Journals:** New Media & Society (2024), EPJ Data Science (2024), PNAS Nexus (2023, 2024), The International Journal of Press/Politics (2023), MIS Quarterly (2023, 2022), AEJMC “Journalism and Mass Communication Quarterly”, Routledge “Journalism Studies” (2022), Springer “International Journal of Information Technology & Decision Making”, Springer “Computer Supported Cooperative Work”, Cuadernos.info.

**Funding agencies:** Alfred Sloan Foundation (2024), FONDECYT 2021.

**Conferences:** CSCW 2018-24, CHI 2021-24, FAccT 2023, ICA 2019 & 2023, INGRoup 2018 & 2021, ICWSM 2018, MexicIHC 2021.

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## RESEARCH AREAS & SKILLS

**Statistical Methods:** Social network analysis, Exponential Random Graph Models (ERGM), Mixed-effect Logistic regression models, Generalized linear model (GLM), Hierarchical linear modeling (HLM), Structural equation modeling, Linear regressions, Logistic regressions, Cox regressions, ANOVA analysis, Predictive analysis, Stochastic Actor Oriented Models (SAOM), Relational event modeling (REM), Agent based models.

**Computational methods:** Natural language processing, Sentiment analysis, Topic modeling, Clustering analysis, REST APIs, Web Scraping.

**Research skills:** Data collection, Data Pre-processing, Experimental design, A/B Testing, Surveys, Interviews, Open-Axial Coding

**Programming Languages:** R, Python, Javascript, PHP, MySQL, Java, HTML, CSS, SQL, Lisp, LaTeX, Shell, MATLAB.

**Technologies and Packages:** BigQuery, GitHub, Linux, RStudio, NetLogo, NLTK, statnet, igraph, scikit-learn, pandas

**Typesetting Tools:** L<sup>A</sup>T<sub>E</sub>X, Microsoft Office, Google Docs.

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## CERTIFICATES AND ACADEMIC TRAINING

**Kellogg School of Management, Northwestern University** Evanston, IL, USA  
*Management for Scientists and Engineers* 2020

**Northwestern University** Evanston, IL, USA  
*Center for Leadership Coaching Program* 2019

**Pontificia Universidad Católica de Chile** Santiago, Chile  
*Teaching Certificate Program* 2016 – 2017

**Stanford University** Palo Alto, CA, USA  
*Stanford Technology Venture Program* 2013

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## MEMBERSHIPS

**Academy of Management (AOM):** Faculty membership

**Association for Computing Machinery (ACM):** Faculty membership

**ACM Special Interest Group on Computer-Human Interaction:** Faculty Membership

**International Communication Association (ICA):** Faculty membership

**Interdisciplinary Network for Group Research (INGRoup):** Faculty membership

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## PROFESSIONAL EXPERIENCE

**Northwestern University - Research Computing Services** Evanston, IL, USA  
*Data Science Consultant* Summer 2021

**Snap Inc.** Santa Monica, CA, USA  
*Research Internship* Fall 2020

**Chilean Ministry of Housing and Urban Planning** Santiago, Chile  
*I.T. Internship* Summer 2011

## LANGUAGES

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**Spanish:** Native

**English:** Fluent

## LINKS

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**GitHub:** <https://www.github.com/dgzara>

**LinkedIn:** <https://www.linkedin.com/in/diego-Gómez-Zará/>

**Twitter:** <https://www.twitter.com/dgzara>