

## DIEGO F. LEAL

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1145 E. South Campus Drive, Social Sciences Bldg., Rm. 433, Tucson, AZ, 85721

### PROFESSIONAL APPOINTMENTS

- 2024 – Associate Professor of Sociology, University of Arizona.  
 2022 – Faculty Affiliate (by courtesy), Binational Migration Institute, University of Arizona.  
 Faculty Affiliate (by courtesy), Center for Latin American Studies, University of Arizona.  
 2022 – 2024 Assistant Professor of Sociology, University of Arizona.  
 2018 – 2022 Assistant Professor of Sociology, University of South Carolina.

### EDUCATION

- 2018 Ph.D., Sociology, University of Massachusetts.  
 Committee: James A. Kitts (Chair), Joya Misra, Mark C. Pachucki, Justin H. Gross.  
 2012 M.A., Political Science (*cum laude*), Universidad de los Andes.  
 Committee: Mónica Pachón Buitrago (Chair), Miguel García Sánchez, Juan Camilo Cárdenas.  
 2010 B.A., Political Science, Universidad Nacional de Colombia.  
 Honors thesis chair: Miguel Ángel Herrera Zgaib.

### RESEARCH INTERESTS

International Migration, Social Networks, Minority Health, Latin America, Agent-Based Modeling.

### PUBLICATIONS (\*indicates graduate student co-author)

#### BOOK

- Roll, David, María C. Robayo, **Diego F. Leal**, Enrique Serrano, Jessika Gómez, Juan C. Escamilla. 2014. *The Latin American Diaspora in Spain, 1997–2007*. Bogotá: Editorial Universidad del Rosario. (In Spanish).

#### ARTICLES

- **Leal, Diego F.** and Nicolas L. Harder.\* 2023. “Migration Networks and the Intensity of Global Migration Flows, 1990-2015,” *Journal of Ethnic and Migration Studies* 49(2): 445-464. [[pdf](#)] [[online appendix & data](#)] [[code](#)]
- **Leal, Diego F.** 2021. “Network Inequalities and International Migration in the Americas,” *American Journal of Sociology* 126(5): 1067-1126. [[pdf](#)] [[online appendix & data](#)] [[code](#)]
- *James S. Coleman Outstanding Article Award, section on Decision-Making, Social Networks, and Society of the American Sociological Association.*
- Kitts, James A. and **Diego F. Leal**. 2021. “What is(n’t) a Friend? Dimensions of the Friendship Concept among Adolescents,” *Social Networks* 66: 161-170. [[pdf](#)]
- **Leal, Diego F.** and Nicolas L. Harder.\* 2021. “Global Dynamics of International Migration Systems across South-South, North-North, and North-South Flows, 1990-2015,” *Applied Network Science* 6(8): 1-27. [[pdf](#)] [[appendix & code](#)]

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- Pachucki, Mark C. and **Diego F. Leal**. 2020. “Is Having an Educationally Diverse Social Network Good for Health?,” *Network Science* 8(3): 418-444. [[pdf](#)] [[appendix & code](#)]
- **Leal, Diego F.** 2020. “Mass Transit Shutdowns as a Tactical Innovation in Bogotá, Colombia,” *Social Currents* 7(4): 299-309. [[pdf](#)] [[code](#)] [[appendix](#)]
- **Leal, Diego F.**, Anthony Paik and Steven A. Boutcher. 2019. “Status and Collaboration: The Case of Pro Bono Network Inequalities in Corporate Law,” *Social Science Research* 84: 102325. [[pdf](#)] [[data & code](#)]
- **Leal, Diego F.**, Ragini S. Malhotra and Joya Misra. 2019 “Visualizing Feminized International Migration Flows in the 1990s,” *Socius* 5: 1-3. [[pdf](#)] [[data & code](#)]
- Kitts, James A., **Diego F. Leal**, Will Felps, Thomas M. Jones and Shawn L. Berman. 2016. “Greed and Fear in Network Reciprocity: Implications for Cooperation among Organizations,” *PLoS ONE* 11(2): e0147264. [[pdf](#)] [[data & code](#)]
- Malhotra, Ragini S., Joya Misra and **Diego F. Leal**. 2016. “Gender and Reproductive Labor Migration in Asia, 1960-2000,” *International Journal of Sociology* 46(2): 114-140. [[pdf](#)]
- **Leal, Diego F.** 2014. “Well-Being, Social Capital, and International Migration: An Exploration of a Latin American and Spain,” *Migraciones* 36: 369-401. (In Spanish). [[pdf](#)]
- **Leal, Diego F.** and David Roll. 2013. “Think Tanks and Political Parties in Colombia: The Constitutional Reforms of 2003 and 2009,” *Ciencia Política* 16: 89-112. (In Spanish). [[pdf](#)]
- Roll, David and **Diego F. Leal**. 2010. “Migration, Co-Development and Social Capital: Guidelines for an Integration Strategy of Two Worlds,” *Colombia Internacional* 72: 89-110. (In Spanish). [[pdf](#)]
- Roll, David and **Diego F. Leal**. 2010. “How did a Latin-American and Andean Spain Emerge after Eleven Years of Immigration?” *Ciencia Política* 9: 35-61. (In Spanish). [[pdf](#)]

#### BOOK CHAPTERS & PAPERS IN WORKING PAPER SERIES

- **Leal, Diego F.** 2013. “The Dual Infrastructure of Protest Behavior in Bogotá: Transmilenio, Social Capital, and Collective Dissent in the Colombian Capital,” *Documentos de Política* No. 22, Universidad de los Andes (Bogotá). (In Spanish). [[pdf](#)]
- **Leal, Diego F.**, Camilo Camacho, Ángela Bohórquez and Steffany López. 2012. “The Return Migration of Colombians from Spain: A Social Capital Approach,” In *Research Results: Unal Researchers 2009-2010*, pp. 41-81. Bogotá: Unibiblos. (In Spanish). [[pdf](#)]

#### OTHER PUBLICATIONS

- Afrodescendant Resistance to Deracination in Colombia: A Review. 2019. *Mobilizing Ideas*, The Center for the Study of Social Movements, University of Notre Dame. [[see review](#)]
- Becoming Black Political Subjects: A Review. 2017. *Mobilizing Ideas*, The Center for the Study of Social Movements, University of Notre Dame, Summer 2018. [[see review](#)]
- **Leal, Diego F.** 2009. “From Dictatorship to Democracy: The Peruvian Case,” *Revista Surmanía* 2: 91-103. (In Spanish). [[pdf](#)]

## GRANTS

- 2024 – 2029 National Cancer Institute/NIH (R01 CA290828) \$2,769,942  
 “Building Stochastic Actor-Oriented Models to Investigate Social Network Influences on Youth Nicotine Product Use Transitions and to Simulate Different Intervention Effects across Contexts.”  
**Role: Principal Investigator** (with J. Thrasher).
- 2023 – 2026 National Science Foundation (NSF 2241536) \$403,730  
 “Collaborative Research: HNDS-R Networks and Health Disparities in Delays in Diagnosis of Medical Conditions with Ambiguous Symptoms.”  
**Role: Principal Investigator** (with K. Corcoran & S. Martínez)
- 2022 – 2025 American Cancer Society (CHERC-MSI-21-167-01) \$4,080,000  
 “Success, Health, Innovation, and Equity-Arizona Research Center (SHINE-ARC).”  
**Role: Co-Investigator** (PI: D. Ortiz)
- 2022 – 2024 Defense Health Agency (HT94022210012) \$797,006  
 “Examining the Role of Social Networks on Health-Related Behaviors and Musculoskeletal-Related Injuries.”  
**Role: Co-Investigator** (PIs: Westrick; K. Wilburn)
- 2020 – 2023 National Cancer Institute/NIH (R01 CA215466-S1 Adm. Supplement) \$199,913  
 “Evaluation of Cigarette Package Inserts for Enhanced Communication with Smokers.”  
**Role: Co-Investigator** (PI: J. Thrasher)
- 2020 – 2021 American Cancer Society (ACS IRG-17-179-04). \$270,000  
 “Supporting Outstanding Academic Research Seed Grants at USC (SOAR USC).”  
Subaward: “Communication Interventions and Social Networks for Enhanced Communication with Latino Smokers.” \$19,773  
**Role: Principal Investigator to the subaward** (PI: C. Bennett)
- 2010 – 2011 Colombian Agency of Science, Virginia Gutierrez. Junior Researcher Grant \$9,513  
 “Social Networks, Social Capital, and Return Migration in Colombia.”  
**Role: Principal Investigator.**
- 2010 – 2011 Universidad Nacional de Colombia, Institute for Socio-Legal Research Grant. \$7,721  
 “Dynamics of Political Participation in the 2011 Colombian Elections.”  
**Role: Principal Investigator.**
- 2009 Universidad Nacional de Colombia, Institute for Socio-Legal Research Grant. \$2,054  
 “Return Migration Dynamics in Bogotá.”  
**Role: Principal Investigator.**

## HONORS & FELLOWSHIPS

- 2023 – 2024 Research Leadership Institute Fellow, University of Arizona.
- 2022 – 2023 Faculty Research Fellowship – Oak Ridge Institute for Science and Education (ORISE).
- 2022 James S. Coleman Outstanding Article Award, Section on Decision-Making, Social Networks, and Society, American Sociological Association.

- 2021 – 2022 R25 Big Data Health Science Fellowship, Big Data Health Science Center, University of South Carolina (R25AI164581 NIAID - NIH).
- 2020 Fellowship to participate in the Summer Institute in Computational Social Science, Duke University.
- 2019 Fellowship to participate in the BIGSSS Summer School in Computational Social Science and Migration, Bremen University and Jacobs University.
- 2017 Young Scholar in Social Movements, Center for The Study of Social Movements, University of Notre Dame.
- 2015 Clifford C. Clogg Scholar in Sociology, ICPSR Summer Program, University of Michigan.
- 2012 Graduated *cum laude*, M.A. in Political Science, Universidad de los Andes.
- 2011 - 2012 “Virginia Gutiérrez de Pineda” Junior Scholar Fellowship, COLCIENCIAS (Colombian Agency of Science and Technology).
- 2010 – 2012 “Academic Excellence” Fellowship (full tuition and stipend for Masters’ program), College of Social Sciences, Universidad de los Andes.

### CONFERENCE PRESENTATIONS & INVITED TALKS (\*indicates virtual talk)

- 2024 “A Framework for Efficient Computation of Sufficient Statistics in Relational Event Models (REM) Applied to Large Two-Mode Networks.” (with Kevin Carson) American Sociological Association 119<sup>th</sup> Annual Meeting, Montreal, Canada.
- 2023 “The Gendered Patterns of International Migration Systems: The Role of Need for Care” (with Chang-Yi Lin), American Sociological Association 118<sup>th</sup> Annual Meeting, Philadelphia, USA
- “Political Use of Social Media and Offline Protest Participation: Consistent Estimates from Three Different Population-based Surveys in the U.S” (with Kevin Carson), American Sociological Association 118<sup>th</sup> Annual Meeting, Philadelphia, USA.
- “Diffusion as the Bridging of Cultural Holes,” 15<sup>th</sup> Conference for the International Network of Analytical Sociologists, Princeton, USA
- “Agent-based Modeling of Cigarette Use Among Mexican Adolescents,” Society for Research on Nicotine and Tobacco Annual Meeting, San Antonio, USA (with Ricardo Chávez, Désirée Vidaña, James Thrasher, and Inti Barrientos).
- 2022 “Leveraging Social Media Data to Model Risk Perceptions and the Politics of Mask Use in the U.S.,” National Big Data Health Science Conference, Columbia, USA (with Shan Qiao and Zhenlong Lin).\*
- 2021 “Gender, Labor Migration, and Global Inequalities,” Society for the Study of Social Problems 2021 Annual (Virtual) Meeting (with Joya Misra and Ragini S. Malhotra).\*
- 2021 “Characterizing the Venezuelan Diaspora in Colombia. The Case of Bucaramanga,” Human Rights on the Edge Conference, Arizona State University.\*
- “Diffusion as the Bridging of Cultural Holes,” (invited talk).
- University of Arizona, School of Sociology.\*
  - University of Illinois - Chicago, Department of Sociology\*.
  - University of Notre Dame, Department of Sociology.

- “Building a Relational Theory of International Migration Systems,” (invited talk).
- University of Arizona, School of Sociology.\*
  - University of California - Irvine, Department of Sociology.\*
- 2020 “The Dual Infrastructure of Protest Behavior in Bogotá,” Department of Sociology Colloquium on Research Design, Universidad de los Andes.\*
- “Diffusion as the Bridging of Cultural Holes,” American Sociological Association 115th Annual Meeting.\*
- 2019 “What is(n’t) a Friend? Dimensions of the Friendship Concept among Adolescents,” (with James A. Kitts).
- American Sociological Association 114<sup>th</sup> Annual Meeting, New York, USA.
  - Int’l Network for Social Network Analysis Conference, Montreal, Canada.
- 2018 “Status and Collaboration: Pro Bono Networks” (with Anthony Paik and Steven Boucher) American Sociological Association 113<sup>th</sup> Annual Meeting, Philadelphia, USA.
- 2017 “Mapping Feminized Migration Globally: 1960-2000,” (with Joya Misra) American Sociological Association 112th Annual Meeting, Montreal, Canada.
- “Liminality and the Diffusion of Beliefs and Behaviors in Social Networks: An Agent-Based Model,” 10<sup>th</sup> Conference for the International Network of Analytical Sociologists, Oslo, Norway.
- “Shut the Damn Thing Down!” Mass Transit Shutdowns in Bogotá,” 2017 Young Scholars in Social Movements Conference, University of Notre Dame, South Bend, USA.
- 2016 “Gender and Reproductive Labor Migration in Asia, 1960-2000,” American Sociological Association 111th Annual Meeting, Seattle, USA.
- 2015 “Linking Subjective and Objective Political Opportunities. The Case of Transmilenio,” American Sociological Association 110th Annual Meeting, Chicago, USA.
- “Developing Hands-on Computer Tools to Explore Social Theories using Dynamic Computer Simulations,” (with James A. Kitts) *Carla B. Howery Teaching Enhancement Grant Award*, American Sociological Association 110th Annual Meeting, Chicago, USA.

## TEACHING EXPERIENCE (F20 and S21 classes were online due to COVID-19)

*Instructor*, University of Arizona

- Graduate Statistics I (Ph.D. class): F22, F23 [[syllabus](#)],
- Quantitative Reasoning in Sociology (B.A. class): F23, S24 [[syllabus](#)],
- Race & Ethnic Relations (B.A. class): S23, S24 [[syllabus](#)].

*Independent studies*, University of Arizona

- Brokerage, Cultural and Structural Holes (Ph.D. class): S23.

*Instructor*, University of South Carolina.

- Social Network Methods (Ph.D. class): S21 [[syllabus](#)],
- Graduate Statistics I (Ph.D. class): F18, F19, F20 [[syllabus](#)],
- Race & Ethnic Relations (B.A. class): S19 [[syllabus](#)],
- Introduction to Social Problems (B.A. class): S19 [[syllabus](#)],
- Elementary Statistics for Sociologists (B.A. class): F19, S20, F20, F21 [[syllabus](#)].

*Independent studies*, University of South Carolina.

Inferential Network Analysis (Ph.D. class): F19.

Health and Social Networks (Ph.D. class): F19, S19.

Race and Ethnic Relations (B.A. class): F19.

Collective Action and Social Movements (B.A. class): S21.

*Instructor*, University of Massachusetts.

Race & Society (B.A. class): S18.

*Teaching Associate*, University of Massachusetts.

Social Simulation (Ph.D. class) [[see materials](#)]

*Social Science (AP) Teacher*, Reuven Feuerstein High School.

Social Studies, 2008 – 2010.

## ADVISING

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### CURRENT ADVISORY ROLES

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**Dissertation committee:** Jeffrey Shen (Co-chair).  
 Dylan Simburger (Member).  
 Victoria Lambert (Member).  
 Jingwen (Zoe) Zhong (Member).  
 Kristen Wilburn (Member).  
 Minyoung An (Member).  
 Nicolas Harder (Member)

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### PAST ADVISORY ROLES

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#### Ph.D.

Kristen L. Zosel Health Promotion, Education & Behavior Ph.D., 2024  
 University of South Carolina  
 First job: Research Fellow, Army Research Institute of Environmental Medicine.  
**Role:** Committee member.

Zackery Butler Sociology Ph.D., 2021  
 University of South Carolina.  
 First job: Full-time instructor, Cape Fear Community College, NC.  
**Role:** Committee member.

#### M.A.

Kevin A. Carson Sociology, University of Arizona (2024). **Role:** Chair.  
 Sarah B. Steiner Sociology, University of Arizona (2024). **Role:** Member.  
 Chang-Yi Lin Sociology, University of South Carolina (2023). **Role:** Chair.

#### B.A.

Buffy Duncan Sociology, thesis (2020). **Role:** reader.  
 Virginia Eith Sociology, thesis (2019). **Role:** reader.

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### RESEARCH ASSISTANTS

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**Graduate** Jun-Jie Lin, SU24 –

Yiwen Zeng, SP 24 –  
 Charlie Pollard, SU23 –  
 Jeffrey Shen, SP23 –  
 Kevin Carson, FA22 –  
 Chang-Yin Lin, SP22.  
 Victoria Lambert, FA20 – SP22.  
 Lilith Green, SU23.  
 Morgan Koziol, SU22.  
 Justina Reiger, SU21.  
 Victoria Money, SP21.  
 Nicolas Harder, FA19 – FA20.

**Undergraduate** Kevin Carson, SP21 – SP22.  
 Isa Crooks, SP22.

## SERVICE

- 2024 – **Chair**, Hiring Committee, University of Arizona.
- 2024 – **Member**, Computational Social Science Advisory Committee, University of Arizona.
- 2017 – **Co-editor**, the Mathematical Sociologist, Newsletter of the Mathematical Sociology Section at ASA.
- 2024 **Co-Organizer & President**, Session on Computational and Mathematical Approaches to International Migration, American Sociological Association, Annual Meeting, Montreal, Canada.
- Organizer**, Session on Computational and Mathematical Approaches to Social Problems, American Sociological Association, Annual Meeting, Montreal, Canada.
- Member**, Louis Wirth Best Article Award selection committee, International Migration Section, American Sociological Association.
- Member**, 5<sup>th</sup> Year Review Committee of the Directorship of the School of Sociology, University of Arizona
- 2022 – 2023 **Member**, Undergraduate Studies Committee, University of Arizona.
- 2023 **Member**, Hiring Committee, University of Arizona.
- Discussant**, Session on Social Networks, American Sociological Association 119<sup>th</sup> Annual Meeting, Philadelphia, USA
- 2023 **Chair**, James S. Coleman Outstanding Article Award selection committee, Decision-Making, Social Networks, and Society, American Sociological Association.
- Member**, Distinguished Contribution to Research Article Award selection committee, Latina/o Sociology Section, American Sociological Association.
- 2020 – 2022 **Faculty Mentor**, Latino/a Sociology Section Mentor Program. Mentor to Alonso Aravena (Ph.D. student at Baylor) and Anna Hidalgo (Ph.D. student at Columbia).
- 2022 **Member**, Aristide Zolberg Distinguished Student Award selection committee, International Migration Section, American Sociological Association.

**Member**, Recruitment Committee, University of South Carolina.

2018 – 2022 **Member**, Latino Faculty Caucus, University of South Carolina.

**Member**, Colloquium Committee, Sociology, University of South Carolina.

**Member**, Undergraduate Committee, Sociology, University of South Carolina.

2021 **Member**, Geoffrey Tootell Mathematical Sociology Outstanding Dissertation-in-Progress Award.

2021 **Session Presider**, Activism in Today's World: New Agendas for Persistent Challenges, American Sociological Association 116<sup>th</sup> Annual Meeting.

2020 **Session Organizer**, open-theme regular session in Mathematical Sociology, American Sociological Association 115<sup>th</sup> Annual Meeting, San Francisco, USA.

2020 – 2021 **Faculty Liaison**, Ibero-American Grad. Student Association, U. of South Carolina.

2019 – 2021 **Faculty Liaison**, Sociology Graduate Student Association, University of South Carolina.

2017 – 2018 **Council Member**, Mathematical Sociology Section at ASA, Graduate Student Representative, elected.

2013 – 2015 **Co-Chair**, UMass Association of Latin American and Caribbean Students, elected.

## EDITORIAL POSITIONS

2024 – Editorial Board, American Sociological Review.

2021 – Editorial Board, Revista Ciencia Política (Bogotá).

## MISCELLANEOUS

**Languages:** Spanish (native), English (fluent).

**Ad-Hoc Reviewer:** Advances in Group Processes || American Journal of Sociology || American Sociological Review || Ciencia Política || Demography || Fondazione Cariplo || Geo-spatial Information Science || Globalisation, Societies, and Education || Historical Methods || International Migration || Journal of Mathematical Sociology || Migraciones Internacionales || National Science Foundation || Research in Social Movements, Conflicts, and Change || Social Forces || Social Networks || Social Psychology Quarterly || Socius || Springer Books || South Carolina's Big Data Health Science Center || Stress and Health || Youth & Society.

**Software and programming:** R, NetLogo, Stata, CSS, HTML5, STELLA.

### Affiliations:

American Sociological Association:

Decision-Making, Social Networks, and Society || Global and transnational sociology || International migration || Latina/o sociology || Mathematical sociology || Medical sociology || Racial and ethnic minorities || Sociology of mental health || Sociology of population.