

Jesús Pando

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Physics and Astrophysics, DePaul University
2400 N Sheffield Ave., Chicago, Illinois 60614

Degrees

- 1997 Ph.D., Physics, University of Arizona, Tucson, Arizona, United States
1991 B.S., Physics, University of Arizona, Tucson, Arizona, United States

Faculty Development Activities

- Jul–Aug 2010 SACNAS Leadership Institute, SACNAS, Washington, DC
The Summer Leadership Institute (SLI) provides premier training for motivated underrepresented minority scientists who wish to master the skills necessary to lead institutional transformation.
Jul–Aug 2018 PKAL Leadership Institute, Project Kaleidoscope, Baltimore, MD
Science leadership workshop and training.

Awards and Honors

- 2016 Dr. Marian Wilson Comer Outstanding Service and Leadership Award, Illinois Alliance for Minority Participation
2015 Outstanding Student Organization Advisor, DePaul Student Affairs
2012 Excellence in Teaching

Selected Presentations

- Pando, J. (2021, Apr). *The Data Fallacy*. *Aspen Winter Conference*. Aspen Center for Physics.
Pando, J. (2021, Apr). *Deconstructing Racism in Physics: Beyond Aspirations, Real Actions*. *APS April Meeting*. APS.
Pando, J. (2021, Feb). *Transforming the Physics Classroom: A Brief Introduction*. *Northwestern University Physics Department Physics Learning and Teaching Seminar*. Northwestern University Department of Physics.
Brewer, E. (2020, Apr). *A toolkit for physics department advocacy (and survival) and its connection to EP3*. (J. Pando & S. Franklin, Eds.), *APS April Meeting*. Washington DC (remote): APS.
Pando, J. (2018, Jul). *Improving Diversity and Attaining Inclusion*. Batavia, IL: FermiLab.
Pando, J. (2018, Apr). *Multi-Messenger Astrophysics--The Case for Diversity and Inclusion*. *Ohio State SACNAS Annual Lecture*. Columbus, OH: Ohio State SACNAS.
Khalifa, L., & Pando, J. (2018, Apr). *Probing the Non-Linearity in Galaxy Clusters through the Analysis of Fractal Dimension*. *APS April Meeting*. Columbus, OH: APS.
Pando, J. (2018, Jun). *American Physical Society Department Chair's Conference*. Washington, DC: APS.
Pando, J. (2018, Apr). *Best Practices for an Inclusive and Diverse Workplace*. *APS April Meeting*. Columbus, OH: APS.
Kadowaki, K., & Pando, J. (2016, Apr). *Application of Wavelet Packet Analysis to the Measurement of the Baryon Acoustic Oscillation*. *APS April Meeting*. Salt Lake City, UT: APS.
Pando, J. (2015, Oct). *Detecting the Baryonic Acoustic Oscillation in the SDSS data*. *Society for the Advancement of Chicanos and Native Americans in Science National Conference*. Washington DC: SACNAS.
Pando, J. (2014, Nov). *Silence is Golden*. *Art, Philosophy, & Science of Sound*. Chicago: Chicago Wildsounds.
Pando, J. (2014, Oct). *Flexing Our Cosmological Muscles--Background to the BICEP experiment*. *SACNAS National Conference*. Los Angeles, CA: SACNAS.
Pando, J. (2014, Jan). *Increasing Physics Enrollments via Underrepresented Minorities*. *American Association of Physics Teachers Winter Meeting*. Orlando, FL: AAPT.
Pando, J. (2013, Oct). *Learning about the Smallest by looking at the Biggest*. *SACNAS 2013 National Conference*. San Antonio, TX: SACNAS.
Settle, A., & Pando, J. (2013, May). *Encouraging Creative and Critical Thinking through Active Pedagogies*. *2013 DePaul Faculty Teaching and Learning Conference*. Chicago: Office of Teaching, Learning, and Assessment.
Pando, J. (2013, May). *Just in Time Teaching and Active Learner Classroom*. *DePaul Teaching and Learning Conference*. Chicago: FITS, DePaul University.
Pando, J. (2012, Jan). *Something from Nothing, A collaborative example of Research*. *The High Concept Laboratory*.

- Pando, J. (2012, Jan). *Don't get Derailed: Stay on course in the workplace. SACNAS National Conference.* SACNAS.
- Pando, J. (2012, Jan). *The status of underrepresented minorities in the physical sciences. APS chairs conference.* APS.
- Pando, J. (2012, Oct). *Navigating the post graduate world. SACNAS Annual Conference.* Seattle, WA: SACNAS.
- Pando, J. (2012, Nov). *A Physicists and Philosopher, how to collaborate across disciplines. High Concept Lab Quarterly Lecture.* Chicago: High Concept Lab.
- Pando, J. (2012, Jun). *Status of Underrepresented Minorities in Physics. APS Chair's Conference.* Greenbelt, MD: APS.
- Pando, J. (2009, Jan). *Cosmology and Dark Energy. Joint National Society of Black Physicists, National Society of Hispanic Physicists National Conference.* NSPH.
- Pando, J., & Shaheen, S. E. (2008, Jan). *Multiscale Analysis of Protein Sequence Data. International Complex Systems Conference.* Boston, MA.
- Pando, J. (2008, Jan). *Detecting Anisotropy in the Cosmic Microwave Background. SACNAS National Conference.* SACNAS.
- Pando, J. (2008, Nov). *The Anisotropic Universe. Invited Talk.* Marquette University.
- Pando, J. (2006, Jan). *Emergent Systems and Self Organization. SACNAS National Conference.* SACNAS.
- Pando, J. (2005, Jan). *Einstein's Legacy: The Isotropic and Homogeneous Universe. SACNAS National Conference.* SACNAS.
- Pando, J. (2004, Jan). *The Velocity field Dynamics of the IGM. SACNAS National Conference.* SACNAS.
- Pando, J. (2003, Jan). *The Decoupling of the Baryonic and Dark Matter Field Dynamics. SACNAS National Conference.* SACNAS.

Memberships

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| Sep 2018–Present | Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) |
| Jan 2017–Mar 2017 | American Astronomical Society (AAS) |
| Jan 2016–Dec 2016 | National Society of Hispanic Physicists (NSHP), President |

Professional Service

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| Sep 2019–Present | Committee member, Panel on the State of Profession for the 2020 AstroDecadal Survey, National Academies, Washington, DC
APS Inclusion, Diversity, and Equity Alliance (APS-IDEA) |
| Sep 2018–Present | APS Bridge Advisory Board |
| Jan 2016–Mar 2019 | APS Committee on Minorities (APS COM) |

Institutional Service

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| Apr 2021–Present | Hispanic Serving Institution Taskforce |
| Sep 2020–Present | Retention and Inclusivity Subcommittee
Engineering Steering Committee
CSH Diversity and Equity Committee |
| Jan 2008–Present | SACNAS student chapter |
| Jan 2011–Dec 2021 | Strategic Planning Task Force |
| Sep 2016–Mar 2017 | Presidential Search Committee. Evaluated applicants, did interviews, and made recommendations to Board of Trustee. |
| Jan 2014–Dec 2014 | Men of Color Initiative |
| Dec 2011–Dec 2013 | President's Diversity Council |
| Dec 2010 | BURST Undergraduate Summer Research Program |

Grants

- FAST IV Science Liaison, funded by Astronomical Research Corporation, June 2021–Dec 2021.
- FAST Science Liaison, funded by Sloan Digital Sky Survey, Jan 2019–Jan 2021.
- FAST IV, funded by Sloan Digital Sky Survey, Completed, Sep 2019.
- SDSS-FAST, funded by Sloan Digital Sky Survey, Completed, Sep 2019.
- FAST Initiative, funded by Sloan Digital Sky Survey, June 2015–June 2017.