

Curriculum Vitae

Gabriela González
Lic., Córdoba University (Argentina), 1988
M.S., Syracuse University, 1993
Ph.D., Syracuse University, 1995

August, 2008

Personal Information

Name: Gabriela Inés González.

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Date and place of birth: February 24th, 1965, Córdoba, Argentina.

Nationality: U.S. citizen

Academic Positions held

- August 2008 - Professor, Louisiana State University
- August 2004 - 2008 Associate Professor, Louisiana State University.
- August 2001-2004 Assistant Professor, Louisiana State University.
- 1998-2001 Assistant Professor, The Pennsylvania State University.
- 1995- 1997 Research Scientist at Center for Space Research, Massachusetts Institute of Technology (LIGO Project).

Honors and Awards

- 2007 Fellow, American Physical Society.
- 2007 Edward A. Bouchet Award, American Physical Society
- 2004-present Fellow, Institute of Physics.
- 2001 Woman speaker of the year (Australian Institute of Physics).

- 2001 Woodrow Wilson Fellow (Career Enhancement Fellowship for Junior Faculty from Underrepresented Groups).
- 1988 University Prize, Córdoba University, Argentina.

Community and University Service

- 2008 Member, University Council on Women
- 2008, Elected Secretary-Treasurer, Topical Group on Gravitation of the American Physical Society. (2001-2003 Elected Member of Executive Committee of the same group) .
- 2003-present Member of the Editorial Board of Classical and Quantum Gravity (Institute of Physics).
- 2008 Chair of the GWIC (Gravitational Waves International Committee) 2008 Prize Committee.
- Reviewer for the National Science Foundation, NASA, the Louisiana Board of Regents, and the Institute of Physics. Reviewer for Physical Review and Classical and Quantum Gravity journals.
- 2008 Member of the External Advisory Board, Center for Gravitational Wave Astrophysics, University of Texas, Brownsville.
- 2007 Member of the 2008 APS Bouchet Award Selection Committee.
- 2007 Member, Scientific Organizing Committee, International Conference on Gravitation and Cosmology, ICGC-2007, Pune, India, Dec 17 - 21, 2007.
- 2007 Member of the nominating committee, American Physical Society Division of Astrophysics. Chair of the 2001 and 2003 Nominating committees for elections of the Topical Group on Gravitational Physics of the American Physical Society.
- 1998-present Council member of the LIGO Scientific Collaboration (LSC). 2006-2007, Elected Member of the LSC Executive Committee. Member of several other LSC Committees (Election and Membership, Operations and Run Planning, Calibration, Detector Characterization, Meetings).
- 2000-2007 Co-chair (with P. Brady, University of Milwaukee at Wisconsin, and Frederique Marion, Annecy) of the LSC-Virgo Collaborations working group searching for gravitational waves from Compact Binary Coalescences.
- Member of the Scientific Organizing Committee of the Gravitational Waves Data Analysis Workshop, Annecy, France, Dec 2004 and Brownsville, TX, Dec 2005; Program Committee member, SPIE Conference on *Fluctuations and Noise in Photonics and Quantum Optics*, (2003: 2-4 June , Santa Fe, NM; 2004: 26-28 May 2004, Gran Canaria, Spain); Amaldi Meeting on Gravitational Waves, Caltech, July 1999.
- 2004-present Member of the Program Review Council, Louisiana State University.
- 2004-2007 Elected Member of the College Policy Committee, College of Basic Sciences.
- 2007 Elected member of the Steering Committee, Department of Physics and Astronomy.

Current and Past Funding

- National Science Foundation Award PHY-0605496, “Instrument development and data analysis in LIGO” (2006/7: \$220,000, FY 07: \$445,000, FY 08: \$445,000). Principal Investigator: Gabriela González, Co-PIs: J. Giaime, Warren Johnson (Louisiana State University).
- National Science Foundation Award PHY-0355289, “Research on Gravitational Wave Detectors” (2004/5: \$204,571, 2005/6: \$209,654, 2006/7: \$214,992). PI: G. González (LSU).
- National Science Foundation Award PHY-0135389, “Research on Gravitational Wave Detectors”, (2001/2: \$219,750, 2002/3: \$224,000, 2003/4: \$229,000). PI: G. González (LSU).
- Program opportunities for Women in Research and Education Award PHY-#9973783, National Science Foundation (\$64,883). PI: G. González (The Pennsylvania State University).
- National Science Foundation Award #9870032 (1998/9: \$150,000, 1999/2000: \$120,000, 2000/01: \$120,000). PI: G. González (The Pennsylvania State University).
- North Atlantic Treaty Organization Award CRG #972182 (1998/99: \$6,450). PI: G. González (The Pennsylvania State University), J. Hough (University of Glasgow, Glasgow, UK).

Professional Memberships

Member of the American Physical Society, American Association for the Advancement of Science, American Association of Physics Teachers, American Association of University Women, American Association of University Professors, International Society for General Relativity and Gravitation.

Selected Invited Talks

(For a complete list of invited and contributed talks, please email gonzalez@lsu.edu)

- *Searching for gravitational waves with LIGO detectors*, on behalf of the LSC, SNO Collaboration Meeting, Baton Rouge, LA, February 22 2008.
- *Einstein y las ondas gravitacionales*, Public Talk, Ciudad Juárez, Mexico, November 17, 2007.
- *Searching for gravitational waves with LIGO detectors*, on behalf of the LSC, Physics Colloquium, University of Texas at El Paso, November 16 2007.
- *How to write a useful thesis*, Fourth Annual Fellows and Mentors Meeting, NSF Alliances for Graduate Education and the Professoriate (AGEP), Syracuse, NY, November 9, 2007.
- *Review of Earth-based gravitational Wave Detectors*, Joint Annual Meeting Frontiers in Optics and Laser Science XXIII, San José, CA, September 17, 2007.
- *Einstein y su impacto en la física: teoría y experimento*, Manuel Belgrano High School, Córdoba, Argentina, August 16, 2007.
- *Searching for gravitational waves with LIGO detectors*, on behalf of the LSC, Colloquium, Kavli Institute of Theoretical Physics, Santa Barbara, CA, May 30, 2007.
- *Searching for gravitational waves with LIGO detectors*, on behalf of the LSC, Pomerantz Symposium, Syracuse University, May 11, 2007.

- *Searching for gravitational waves with LIGO detectors*, on behalf of the LSC, Physics Colloquium, Carnegie Mellon University, April 23 2007.
- *Searches for gravitational waves from astrophysical sources*, on behalf of the LSC, Bouchet Award Lecture, American Physical Society April meeting, Jacksonville, FL, April 12, 2007.
- *Searching for gravitational waves with LIGO*, on behalf of the LSC, Physics Colloquium, The University of Mississippi, April 3, 2007.
- *Gravitational Waves: a new window to the Universe*, on behalf of the LSC, Joint Annual Conference, National Society of Black Physicists and National Society of Hispanic Physicists, Boston, MA, February 22, 2007.
- *Interferometric detectors of Gravitational Waves*, Argonne National Laboratory, Physics Division Colloquium, February 9, 2007.
- *Searching for Gravitational Waves: news from the front*, on behalf of the LSC, University of Chicago Physics Colloquium, February 8, 2007.
- *Detectores de Ondas Gravitacionales: una nueva ventana al Universo*, Jornadas de Ciencia y Sociedad, 50 años de la FAMAFA, Córdoba, Argentina, December 20 2006.
- *Gravitational Waves: a new window to the Universe: a short course*, VII Mexican School on Gravitation and Mathematical Physics, Playa del Carmen, Mexico, November 27-28, 2006.
- *Gravitational Waves: a new window to the Universe*, LIGO/NSF Science Education Center Inauguration, Livingston, LA, November 13, 2006.
- *Searching for gravitational waves from compact binary systems in real (LIGO) data*, Institute Henri Poincaré-Centre Emile Borel, Gravitational Wave Data Analysis, Paris, November 17 2006.
- *Searching for gravitational waves with LIGO*, Plenary talk, American Physical Society April Meeting, Dallas, TX, April 25, 2006.
- *Gravity Wave Interferometers*, two-lecture series, SLAC Summer Institute, “Gravity in the Quantum World and in the Cosmos”, July 25, 2005.
- *Detectores de Ondas Gravitacionales*, Simposio de Einstein, Universidad de Puerto Rico, San Juan, Puerto Rico, March 30 2005.
- Plenary speaker, International Conference on Gravitation and Cosmology (ICGC-2004), January 5-10, 2004, Department of Physics Cochin, University of Science and Technology, Kochi, India.
- “Detectores de Ondas Gravitacionales”, Plenary Talk, Meeting of the Argentinian Physical Society, Córdoba, Argentina, September 2002.
- Lecture tour as the 2001 Australian Institute of Physics Women In Physics lecturer. The lecture delivered was for a general public audience, encouraging the interest in science of high school students. The talk was titled “Gravitational Waves, a new window to the Universe”, and was delivered in University of South Wales (Sydney), University of Queensland (Brisbane), The University of Melbourne (Victoria), Sandy Bay Campus, University of Tasmania (Hobart), Adelaide University (Adelaide), and University of Western Australia (Perth), between May 8 and May 15, 2001.