

CURRICULUM VITAE

Javier Rojo, Ph.D.

Korvis Professor of Statistics

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EDUCATION

1973 B.S. Mathematics -- University of Texas at El Paso
Minor: Physics

1976 M.S. Mathematics -- University of Texas at El Paso

1978 M.S. Statistics -- Stanford University

1984 Ph.D. Statistics -- University of California, Berkeley
Dissertation: On Lehmann's General Concept of Unbiasedness and the
Existence of L-unbiased Estimators
Thesis advisor: Erich L. Lehmann

ACADEMIC APPOINTMENTS

1/1/17 -- Present Korvis Professor of Statistics
Department of Statistics, Oregon State University

04/2015 – Present Appointed Adjunct Professor, Civil and Environmental Engineering, Rice
University

11/2014 – Present Appointed to the National Scientific Advisory Committee, Statistical and Applied
Mathematical Sciences Institute, SAMSI, Research Triangle Park

1/1/2014 – 12/31/2016 Seneca C. and May B. Weeks Endowed Chair of Statistics
Chair, Department of Mathematics and Statistics
University of Nevada at Reno

1/2014 – 12/31/17 Appointed to the Scientific Advisory Committee, Mathematical Biosciences Institute, Ohio State University

10/2006 -- 2013 Appointed Keck Faculty Affiliate, The Gulf Coast Consortia

11/2005 -- Present Adjunct Professor
University of Texas, MD Anderson Cancer Center

8/2002 -- 8/2005 Adjunct Professor of Statistics
Centro de Investigación en Matemáticas, (CIMAT), Guanajuato, México

1/2001 – 12/2013 Professor, Statistics Department
Rice University

9/1997 – 9/1999 Program Director, Statistics & Probability
The National Science Foundation

9/1998 – 5/1999 Visiting Professor of Statistics
Southern Methodist University

9/1995 – 1/2001 Professor, Mathematical Sciences Department
University of Texas at El Paso

10/1992 – 7/1997 Founding Director, The BioStatistical Laboratory
University of Texas at El Paso

9/1990 – 8/1995 Associate Professor, Mathematical Sciences Department
University of Texas at El Paso

1/1984 – 8/1990 Assistant Professor, Mathematical Sciences Department
University of Texas at El Paso

Summer 1983 Instructor, Statistics Department
University of California, Berkeley

EMPLOYMENT

Summer 1982 Summer Statistical Graduate student
The Rand Corporation, Santa Monica, California

Summer 1981 Summer Statistical Consultant
Pacific Gas and Electric Co., San Francisco, California

Summer 1980 Programmer, Standard Oil Co.
San Francisco, California

9/1978 – 5/1980 Research Assistant for Jack Kiefer and Erich L. Lehmann

Summer 1978 Statistical Consultant
Sandia National Laboratories, Albuquerque, New México

6/1972 – 5/1976 Programmer, El Paso Natural Gas Co.
El Paso, Texas

CONSULTING

1/2006 – 1/2009 Michael E. DeBakey Department of Surgery, Baylor College of Medicine
4/2006 – 5/2006 USDA/ARS Children's Nutrition Research Center, Baylor College of Medicine
9/2002 – 2008 Department of Molecular Virology & Microbiology, Baylor College of Medicine
7/1997 – 5/1999 Department of The Interior, National Parks Service
10/1992 – 7/1997 Numerous consulting projects as Director of BioStatistical Laboratory
9/1982 – 3/1984 The Rand Corporation, Santa Monica, California

HONORS AND AWARDS

Sports related awards

Rookie of the year (baseball, semi-pro league Juárez, México) 1968

Selected to many regional, state, and national all-star teams

Selected to play in the Pan-American games in Cali, Colombia 1971 representing México

Academia related honors/awards

2018 Plenary Speaker during the International Conference on Advances in Interdisciplinary Statistics and Combinatorics. University of North Carolina, Greensboro. October 6-8.
2018 Keynote Speaker for the Statistics Workshop being organized by SAMSI during the 2018 SACNAS meeting. October 11-13.
2018 Chair of external review committee for the statistics program at UTSA. March 22nd, 23rd
2018 Appointed to Editorial Board of Involve (A Mathematics Journal), March 2018.
11/1/17 – Appointed to the Diversity Committee of the Park City Mathematics Institute.
2017 WNAR Invited Presidential address, June 26th
2016 - present Member of the search committee for the next SAMSI director.
2016 Member of Committee of Visitors for the National Science Foundation, Division of Mathematical Sciences, Sept 19 – 21, 2016.

- 2015 Invited Special Talk videotaped – in celebration of CIMAT’S 35th anniversary) *Body Mass Index, Obesity, Haseman-Elston, Orders by Dispersion and Estimation Under Constraints*. Centro de Investigación en Matemáticas (CIMAT) Guanajuato – México, May.
- 2014 Appointed to the National Advisory Committee, Statistical and Applied Mathematical Sciences Institute, Research Triangle Park.
- 2014 Keynote Speaker: Nevada Chapter of the American Statistical Association, University of Nevada, Las Vegas. “*Body Mass Index, Obesity, Haseman-Elston, Orders by Dispersion and Estimation Under Constraints*”, Oct 2014.
- 2014 RUSIS was recognized by the American Mathematical Society with the “**Programs that Make a Difference**” award.
- 2014 Appointed to the Scientific Advisory Committee, Mathematical Biosciences Institute, Ohio State University
- 2013 Member of Committee of Visitors for the National Science Foundation, Division of Mathematical Sciences, January 20 – 22, 2013.
- 2013 Chaired, subcommittee on Algebra, Number Theory, Foundations, Combinatorics, Probability, and Statistics. Committee of Visitors, Division of Mathematical Sciences, The National Science Foundation, January 20 – 22, 2013.
- 2013 Chaired, subcommittee on Infrastructure and Special Research Projects. Committee of Visitors, Division of Mathematical Sciences, The National Science Foundation, January 20 – 22, 2013.
- 2011 -- 2016 Member, Don Owen Award committee, ASA.
- 2012 – 2013 Guest Editor, Statistical Modeling: An International Journal. Double issue in memory of Erich L. Lehmann.
- 2012 -- 2015 **Elected** member of the Nominating Committee for three years 2012 – 2015 of the Statistics Section of the **American Association for the Advancement of Science**.
- 2011 -- Present **Associate Editor, Journal of Nonparametric Statistics**, January 2011 – Present
- 2010 **Recipient** of the **2010 American Statistical Association Don Owen award**, April 9th, 2010
- 2010 **Keynote speaker** ENAR 2010, Diversity in Biostatistics, New Orleans, March 2010.
- 2010 -- 2012 Appointed member of the **Noether Awards Committee** of the American Statistical Association.
- 2009 Elected to the CONACYT Sistema Nacional de Investigadores (SNI), at the highest level “SNI researcher level III”, September.
- 2009 -- 2012 Member of the External Advisory Scientific Committee for the University of Arizona **Howard Hughes Medical Institute Undergraduate Biology Research Program**.
- 2011 **Editor**, Erich L Lehmann selected works, published by Springer-Verlag (2012).

- 2009 **Plenary speaker**, Sesión de Estadística del **XLII Congreso Nacional de la Sociedad Matemática Mexicana**, Zacatecas, México, October.
- 2009 **Plenary speaker**, **XLII Congreso Nacional de la Sociedad Matemática Mexicana**, Zacatecas, October.
- 2009 **Plenary speaker**, XXIV Foro Nacional de Estadística, Texcoco, México, October.
- 2009 **Editor**, Optimality – The 3rd Erich L. Lehmann Symposium -- Optimality. Institute of Mathematical Statistics, IMS LNMS Vol 57 (2009).
- 2008 – 2010 **Elected as a Sigma Xi – The Scientific Research Society --Distinguished Lecturer**. July 1, 2008 – June 30, 2010.
- 2008 **Plenary speaker**, Foro Nacional de Estadística, Veracruz, México, September 2008. (Cancelled—Ike)
- 2008 **Plenary speaker**, International Congress in Industrial Engineering Mechatronics, and Manufacturing, Cd. Juárez, México, October. (Cancelled – crime alert).
- 2007 – 2010 Appointed **Editor, Journal of Nonparametric Statistics**, 11/2007 -- 12/2010.
- 2006 **Editor**, Optimality -- Second Erich L. Lehmann Symposium, IMS LNMS Series, Vol 49, 2006.
- 2006 **Elected Fellow, American Association for the Advancement of Science**, November.
- 2006 **Elected member, International Statistical Institute**, October.
- 2006 Appointed Keck Faculty Affiliate, The Gulf Coast Consortia, October.
- 2006 Member, Data Safety Monitoring Board, USRA's Division of Space Life Sciences –NASA, April.
- 2005 Appointed to **National Academy of Sciences**, Institute of Medicine Committee.
- 2004 **Chair, ASA Committee on Fellows**.
- 2004 **Co-Editor**, with Victor Perez-Abreu, Optimality -- First Erich L. Lehmann Symposium, IMS LNMS Series, Vol 44, 2004.
- 2004 **Co-Chair**, committee to award the David Blackwell – Richard Tapia Prize.
- 2003 – 2006 Elected member, Human Resources Advisory Committee, Mathematical Sciences Research Institute, Berkeley, Ca.
- 2002 – 2004 Appointed to a three-year term, **Committee on Fellows**, American Statistical Association.
- 2002 Member of CONACYT committee to evaluate Mexican National Centers for Mathematical Research, October 2002.

- 2001 **Elected Fellow**, The Institute of Mathematical Statistics, August.
- 2001 Appointed to **Committee on Nominations**, Institute of Mathematical Statistics.
- 2001 – 2005 Appointed to a **National Academy of Sciences Committee**.
- 2000 – 2007 Elected to serve as a member of the **External Evaluation Committee for CIMAT** (Centro de Investigación en Matemáticas), Guanajuato, México.
- 2000 **Chair, The Neyman Lecture**, Joint meeting of the Bernoulli Society and Institute of Mathematical Statistics, Guanajuato, México, May.
- 2000 Talk outlining some of the major contributions of, and introducing, the first **Noether Award** winner, **Erich Lehmann**, Joint Statistical Meetings, **Section on Nonparametrics**, Indianapolis.
- 1998 – 2007 **Member of the Harvard University Advisory Board** for the NIH summer research program at the BioStatistics Department at Harvard University, Louise Ryan P.I.
- 1998 **Elected Fellow**, American Statistical Association, August.
- 1997 **Invited speaker** and participant in the Symposium on Functional Estimation in the Mathematics Research Center of the University of Montreal, October 13-25.
- 1994 **Elected and Registered as Chartered Statistician** of The Royal Statistical Society.
- 1993 **Member of Blue Ribbon Committee** of Visitors for CONACYT (México) to assess programs and recommend promotions and appointments for CIMAT (Center for Mathematical Research, Guanajuato, México).
- 1992 **Elected Fellow**, The Royal Statistical Society, September.
- 1992 – Present Member of numerous NSF and NIH site visit teams/panels.
- 1978 – 1983 Ranked in top group, among Ph.D. students, 4 out of 5 years, Department of Statistics, U. C. Berkeley.

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

- 2015 – Present Member Society for Industrial and Applied Mathematics (SAMSI)
- 2015 – Present Member of the American Association for Public Opinion Research (AAPOR)
- 2013 – Present Member, American Mathematical Society
- 1980 – Present Member, Institute of Mathematical Statistics, Nominations committee 2001
- 1990 – Present Member, Royal Statistical Society
- 2001 – Present Member, The Bernoulli Society
- 2005 – Present Member, American Association for the Advancement of Science
Elected to the nominations committee, Statistics section 2012-2015.
- 2006 -- Present Member, International Statistical Institute
- 2009 – Present Member, Econometric Society.
- 1980 – Present Member, American Statistical Association

Appointed to the Committee on Outreach Education of ASA (2007-2009).
 Appointed to a three-year term, **Committee on Fellows**, American Statistical Association, 2002-2004.
 Chair, **Committee on Fellows**, American Statistical Association, 2004.
 Program Chair for WNAR, Joint Statistical Meetings in Indianapolis 2000. (6 invited sessions) and some special contributed sessions.
 Elected Nonparametrics Section Representative to the Council of Sections for 2001 - 2003.
 Member Committee on Minorities in Statistics – Appointed by The President of the American Statistical Association – Michael Fallon – 1999 – 2001.
 Re-appointed by ASA President-elect Robert Mason to a second term 2002-2004.
 Member Professional Ethics Committee – Appointed by The President of the American Statistical Association – Ron Iman -- 1994-1996.

SERVICE/OUTREACH

NATIONAL/INTERNATIONAL

2017 Panelist in WNAR “New Investigators lunch”

2017 Participant in NSF-REU PIs Webinar to discuss approaches that work, June 9th

2016 Presenter in virtual NSF-REU PIs meeting through WebEx, June 13th

2017 – Present **Director**, Research for Undergraduates Summer Institute of Statistics @ OSU

2014 – 2017 **Director**, Research for Undergraduates Summer Institute of Statistics @ UNR

2014 Organizer, P.I., and Chair StatFest@UNR funded by NSF. Nov, Univ. of Nevada, Reno

2014 Organizer and Chair StatFest@UNR funded by NSF. July, University of Nevada, Reno

2013 Organizer and Co-chair StatFest co-funded by ASA, NSF, and Abbott Laboratories, October, Rice University.

2012 Panel member, National Science Foundation, DMS, November.

2012 Organized one scientific session for the SACNAS national conference, October, and will host the Conversations with statisticians, and serve as judge for student posters.

2012, 2013 Member Simons Foundation panel to review Collaboration Grants for Mathematicians March.

2012 Panel member, National Science Foundation, DMS, January.

2011 The Fourth Erich Lehmann Symposium on Optimality: **Chair and Organizer**. Rice University, May.

2011 Organized two scientific sessions for the SACNAS national conference, October.

2011 Panel member, National Science Foundation, Research Institutes.

- 2011 Member Simons Foundation panel to review Collaboration Grants for Mathematicians March 2011.
- 2010 Member of National Research Council (NRC) Physical Sciences & Mathematics panel to evaluate applications for the 2010 Ford Foundation Fellowship Programs.
- 2010 – 2011 Organizer and chair of scientific committee for the NSF-funded Pan-American Advanced Studies Institute.
- Three weeks of cutting-edge research talks in Stochastic processes, Statistical Genetics, Bioinformatics, Survival Analysis, and High dimensional data (Venue was CIMAT – Center for Mathematics Research, Guanajuato, México).
- Two weeks of cutting-edge research in Statistical Genetics and Bioinformatics, and in theoretical statistics (Venue was the Universidad Veracruzana, Xalapa México).
- 2009 **Organizer, Chair, Speaker**, Session on The Impact of Mathematics and Statistics on the Human Condition and Potential, SACNAS National Meeting, Dallas, TX October.
- 2009 **Host** – Conversations with scientists (statistics), SACNAS National Meeting, Dallas, TX October.
- 2008 **Organizer, Chair, Speaker**, Session on Statistical Perspectives on Health Disparities, SACNAS National Meeting, Salt Lake City, October 2008.
- 2008 **Organizer, and Chair**: SACNAS Conversations with scientists - -Statistics (First time statistics has participated in this activity)
- 2008 **Organizer and Chair**: Biostatistics session, 1st México-Canada Statistical Meeting, CIMAT, February 2008.
- 2007 **Organizer and Co-chair**: STATFEST, SACNAS National Conference, Kansas City, October 11-14.
- 2007 **Organizer, Chair, and Speaker**. Scientific session “Biostatistical Applications in the Medical Sciences”, 2007. SACNAS National Conference, Kansas City, October 11-14, 2007.
- 2007 **Organizer, Chair, and Speaker**. Scientific session “Risk Analysis”, SACNAS National Conference, Kansas City, October 11-14.
- 2007 Third Erich Lehmann Symposium on Optimality. **Chair and Organizer**. Rice University May. Funded by Pfizer, MD Anderson Cancer Center, NSF, The Gulf Consortium.
- 2007 **Editor**, webcast of 3rd Lehman L. Symposium, Rice University, see <http://webcast.rice.edu/webcast.php?action=details&event=1057>.
- 2007 – 2010 **Editor**, Journal of Nonparametric Statistics
- 2007 – Present Member, Editorial Board of Journal of Nonparametric Statistics, 2007 –

- 2010 **Editor** the 3rd Erich L. Lehmann Symposium – Optimality, Institute of Mathematical Statistics, Lectures Notes and Monograph Series, Vol 57.
- 2006 Reviewer for the Mickey Leland National Urban Air Toxics Research Center.
- 2006 **Editor**, 2nd Erich L. Lehmann Symposium – Optimality, Institute of Mathematical Statistics Lecture Notes and Monograph Series, Vol 49.
- 2005 **Chair**, session during the workshop on skewed distributions: Inference and applications, CIMAT, December 6-10.
- 2004 **Editor**, webcast of 2nd Erich L. Lehmann Symposium, Rice University, see <http://webcast.rice.edu/webcast.php?action=details&event=408>.
- 2004 **Program Co-Chair** (with Victor Pérez-Abreu) and Organizer: 2nd Erich Lehmann Symposium, Rice University, May.
- 2004 **Co-Editor** (with Victor Pérez-Abreu), The First Erich Lehman Symposium – Optimality, IMS LNMS vol 44, February.
- 2002 First Erich Lehmann Symposium: **Co-Chair, Co-Organizer** (with Victor Pérez-Abreu). International statistical meeting on Optimality, May.
- 2003 – 2013 **Director**, Rice University Summer Institute of Statistics, 2003 – 2013
- 2002 -- 2011 Organizer and chair of scientific committee Lehmann Symposia (2002, 2004, 2007, 2011).
- 2002 Texas Statisticians Conference, Co-Organizer. April, Rice University.
- 2002 **Organizer, Chair, and speaker**. Invited session: Cutting Edge Problems in Biostatistics, SACNAS, Anaheim, CA, October.
- 2001 **Organized and Chaired** session at the AISES (American Indian Science and Engineering Society) meeting: November, Albuquerque, NM.
- 2000 Session Co-organizer, SACNAS meeting, Atlanta, Georgia, October.
- 2000 **WNAR Program Chair** for the 2000 Joint Statistical Meetings in Indianapolis.
- 2000 **Chair, Invited Session on Data Mining**, Joint meeting of the Bernoulli Society and Institute of Mathematical Statistics, Guanajuato, México, May 2000, (David Scott – Organizer).
- 1999 ASA National Meetings, Baltimore MD, **Chair and Organizer**: NSF Funding Initiatives and Opportunities – **Invited Panel**, August.
- 1999 SACNAS 1999 Conference, Portland, OR, **Co-Chair and Organizer**: Mathematics and Statistics, October.
- 1996 ASA National Meetings, Chicago IL., **Chair: Topics in BioStatistics**--Contributed Paper Session, August.

Reviewer for the following journals:

Journal of the International Neuropsychological Society, Linear Algebra and its Applications, Journal of the American Statistical Association, The Annals of Statistics, American Psychologist, Metrika, Statistics and Probability Letters, Scandinavian Journal of Statistics, Communications in Statistics, Journal of the Electrochemical Society, Statistica Sinica, Journal of the Indian Statistical Society, The Institute of Statistical Mathematics, Journal of Multivariate Analysis, Techniques for Corrosion Measurement, National Association of Corrosion Engineers, Biometrics, Journal of Nonparametric Statistics, Journal of Statistical Planning and Inference. Statistical reviewer for The Archives of Physical Medicine and Rehabilitation, 2008 – 2010, American Mathematical Monthly.

Reviewer for Mathematical reviews, American Mathematical Society, AAAS.

Service as a Reviewer for The National Science Foundation:

Member of review panel. Evaluated 11 research proposals for the Research Opportunities for Women in Mathematical Sciences program, March 1989, Washington, D.C.

Refereed Proposal for Research Careers for Minority Scholars Program.

Refereed two proposals for the Probability Directorate (Keith Crank, Director), 1993.

Co-Chaired review panel for Instrumentation and Laboratory Improvement Program for FY 1994, January 19, 1994, through January 22, 1994, Washington, DC.

Member of review panel for Instrumentation and Laboratory Improvement Program for FY 1995, January 25, 1995, through January 28, 1995, Washington, DC.

Member of review panel for Curriculum Development and Undergraduate Faculty Enhancement Program, July 17, 1995 through July 20, 1995, Washington, DC.

Co-Chaired review panel for Curriculum Development and Undergraduate Faculty Enhancement Program, July 21, 1996 through July 24, 1996, Washington, DC.

Refereed proposal for the Directorate of Probability and Statistics, Jim Davenport, Program Director, February 1997.

Member of review panel for NATO-NSF Postdoctoral Fellowships Program, Sonia Ortega, Program Director, March 19-21, 1997.

Member of NSF review panel for CCD/UFE NSF program, July 21-24 1997, Washington, D.C.

Member of NSF review panel for Biocomplexity program, July, 2000, Washington, D.C.

Member of NSF review panel for CCLI program, July, 2000, Washington, D.C.

Member of NSF review panel for CCLI program, July 16-19, 2001, Washington, D.C.

Chair, NSF Review panel for CCLI program, July 15 - 18, 2002, Washington, D.C.

Member, Review panel for MSP program, March 2- March 4, 2003, Washington, D.C.

Member of NSF site visit team, MSP program, July 2004.

Member of NSF review panel for CCLI program, January, 2005, Washington, D.C.

Member of NSF site visit team, MSP program, July 2005.

Member of the NSF Statistics and Probability Program review panel, 2008.

Member of the NSF Mathematical Sciences Partnerships program review panel, March 2009.

Member of the NSF Division of Mathematical Sciences review panel – PRISM program, April 2009.

Member of the NSF Division of Mathematical Sciences review panel – MSP program, October 2009.

Member of NSF DMS Career panel – November 2009.

Member of NSF DMS REU panel – January 2010.

Member NSF Institutes panel – 2011.

Member NSF DMS panel – 2012.

Member NSF REU panel – 2012.

Member Simons Foundation panel – 2011 & 2012.

Member NSF Panel. As per NSF, I am not allowed to name the panel. January 2018.

Refereed the following proposals for the National Institutes of Mental Health:

NIMH Aids Program -- Proposal for \$11,000,000 submitted to the PO1 Program, April 4-6, 1995, Washington, DC

NIMH Aids Program -- Proposal for \$19,500,000 submitted to the PO5 Program, August 2-4, 1995, Washington, DC

Refereed one Proposal in Statistics for CONACYT (Consejo Nacional de Ciencia y Tecnologia) August 1995.

NEW PROGRAMS AND COURSES DESIGNED

UNIVERSITY OF NEVADA AT RENO

2016 As Chair of the department, I led the efforts and wrote two Ph.D. proposals – one in Mathematics and one in Statistics and Data Science. The Ph.D. proposals were approved and accredited and the programs started in the Spring of 2017. There were, prior to my arrival as chair, attempts at having a Ph.D. program in Mathematics. All these efforts, however, had failed.

- 2014 Wrote, with the assistance of various committees, the external departmental review report and presented it to the external review committee. In addition, I wrote the response to the external review committee's report.
- 2014 Chaired, organized, and directed the NSF-supported first (at UNR) Research for Undergraduate Experiences Summer Institute of Statistics (10 weeks)
- 2015 Started and organized the MaStaPIZZASTics lecture series for mathematics and statistics undergraduates. Three lectures per semester – serving pizza and drinks. Lectures are addressed to undergraduates and range from topics about graduate school to important ideas in the mathematical and statistical sciences.
- 2015 Chaired, organized, and directed the NSA-supported second (at UNR) Research for Undergraduate Experiences Summer Institute of Statistics (10 weeks)
- 2014-2015 Worked with the Office of Admissions and Records to relieve the department of the load created by the Post-Enrollment-Requisite-Check.
- 2014-2016 Devised a new method of class assignments to reduce class size without increasing faculty teaching loads. Whereas calculus and pre-calculus courses were taught 300 – 500 students at a time, as a result of implementing this new program, class sizes were reduced to not more than 150 students per section during the Fall semester and not more than 100 student per section during the Spring semester.

UTEP

- 1984 – 2001 Developed a recruiting program for Latin-American graduate students.
- 1987 Designed and taught a graduate course to accommodate graduate students and faculty from the biology department.
- 1991 Conceived of Club Zero (Mathematics Student Organization) and organized its first meeting. Club still exists.
- 1995 Spearheaded efforts for a new graduate degree in BioStatistics -- program did not materialize – but planted the seed for a recently developed program in bioinformatics.
- 1992 – 1997 Founding Director, The BioStatistical Laboratory – Funded by NIH, \$951,267. Created 3 new positions. The Laboratory and the positions still exist. Acquired 2,500 sq ft. of new space for the department.

RICE

- 2004 **RUUAIS:** Rice University Undergraduate Award in Statistics. A national competition for undergraduates in the Statistical Sciences.
- 2003 – 12/13 **RUSIS:** Rice University Summer Institute of Statistics – an **REU** summer program funded by NSF and NSA.
- 2003 Developed a new Ph.D. level course in Extreme value theory.

- 2003 – 2005 Developed two PhD courses in Survival Analysis. An introductory course at the level of Klein-Moeschberger, and an advanced course at the level of Fleming-Harrington.
- 2010 – 2011 P.I. organizer, and Chair of The Pan-American Advanced Studies Institute, funded by NSF. A three-week cutting-edge research program was presented during May 2010 at CIMAT in Guanajuato, México, and a two-week program at the Universidad Veracruzana in Xalapa, Veracruz in 2011.
- 2002 – Present **The Lehmann Symposia.** A series of Symposia in honor of Erich L. Lehmann. I have been the organizer and chaired the scientific committee. (2002, 2004, 2007, 2011). The next symposium is scheduled to take place during the year 2017 – The Lehmann Centennial.

ADMINISTRATIVE SERVICE

- 1992 – 1997 Founding Director, The BioStatistical Laboratory (**UTEP**). Obtained NIH funding to set up a research/consulting unit on campus. Created three new positions and acquired 2,500 sq ft. of new space.
- 1997 – 1999 National Science Foundation Statistics and Probability program Director.
- 2003 – Present Director, RUSIS. This is an REU funded by NSF and NSA. Students spend 10 summer weeks @ Rice doing research. I am responsible for their computational training and their research projects.
- 2010, 2011 Organizer and chair of scientific committee of the Pan-American Advanced Studies Institute (held in CIMAT in 2010 and a second one held in 2011 in Xalapa, Veracruz.
- 2002, 2004 Organizer and chair of scientific committee of the Lehmann Symposia
2007, 2011, ...
- 1/2014 – 12/17 Professor and Chair, Mathematics and Statistics Department, University of Nevada at Reno

UNIVERSITY COMMITTEES AND SPECIAL ASSIGNMENTS

OREGON STATE UNIVERSITY

- 2017 College of Science Awards committee.

UNIVERSITY OF NEVADA AT RENO

- 2014 Organized and chaired two StatFests funded by NSF, July and November
- 2014 Negotiated new space for graduate students in the LLC building
- 2015 Wrote the self-study report for the external program review (86) pages with the collaboration of various departmental committees
- 2015 Organized and chaired the external review team's visit to UNR
- 2015 Negotiated new space for the department: New smart conference room and seminar room on the 3rd floor and one office in the 4th floor of the Davidson Mathematics and Science Center.

- 2015 President's Exploratory Committee to review 15-week trimesters, April 2015
- 2015 Wrote the pre-proposal for two Ph.D. programs within the department (one in Statistics and Data Science, and one in Mathematics)
- 2015 Wrote the PhD proposal for Statistics and Data Science and edited and revised the PhD proposal in Mathematics

RICE UNIVERSITY

- 2001, 2002 Scholarship and Awards Committee, Academic year 2001, 2002
- 2005 – 2006 School of Engineering Promotion and Tenure Committee.
- 2005 – 2007 Rice University Examinations and Standing Committee.
& 2011 -- 2013
- 2006 – 2007 Rice University NSF ADVANCE Institutional Transformation grant.

UNIVERSITY OF TEXAS AT EL PASO

Faculty Welfare Committee, 1985-1988 (Vice-Chairman 1986-1987).

Scholarship Committee

NSF Minority Research Center of Excellence (MRCE) Advisory Committee. Institutional Research component.

MRCE Advisory Committee. Institutional Improvement Plan.

Member of team of 5 faculty members that visited Livermore National Laboratories to study and define problems for possible future research contract work (August 1987).

Advisor for Honduran mathematics students under the CAMPUS II program.

MRCE Executive Committee.

Institutional Insurance Advisory Committee.

MBRS Advisory Committee. September 1991-May 1995.

Member of Institutional Committee to select top 10 seniors, 1989.

RCMI Advisory Committee

DEPARTMENT COMMITTEES AND SPECIAL ASSIGNMENTS

OREGON STATE UNIVERSITY

- 2017 Chair – awards committee
Member -- search committee for Director of Data Analytics program

Member – Promotion and Tenure committee
Advisor for five incoming graduate students
Member curriculum committee.

UNIVERSITY OF NEVADA AT RENO

2014 Chair, Colloquium, Spring semester

2014 - present Member of Steering committee for the Nevada Teach program.

2014 Chair, search committee. Hired three assistant professors and one full professor

2014 Chaired promotion and tenure committee: Promoted two faculty to full-professors and three lecturers

2014 Promoted staff and created two more positions in the department's office

2014 Reorganized the Core Mathematics Curriculum structure

2015 Negotiated a new lecturer position supported by Extended Studies

2015 Member of four search committees for assistant professors in mathematics, statistics, and two lecturers. Hired two assistant professors and two permanent lecturers.

2015 Chair, search committee for Extended Studies lecturer

2016 Chair, search committee for two statistics lecturers

2016 Chair, search committee for a mathematics lecturer

2016 Chair, search committee for assistant professor

RICE UNIVERSITY

- Chair, Graduate Student Recruiting Committee: 2001, 2002, 2003; member 2005-2007, 2009-2010
- Biostatistics Liaison Committee: 2002, 2003.
- Coached Ph.D. students in preparation for qualifying exams – met every Friday for 3 hours – 2003, 2004, 2006, 2009, 2011.
- Library liaison (Fall 2005 - August 2007, August 2008 – Present)
- Colloquium Chair (Fall 2005)
- Graduate Admissions Committee (2001-2003 (Chair), 2005-2007, 2009-2010)
- Chair committee on Statistics qualifying exams (2001-2002, 2006-2007, 2009-2010, 2011-2012)

UNIVERSITY OF TEXAS AT EL PASO

- Library Committee, 1984-1986, 1991, Sept 1993-May 1998.

- Graduate Student Recruiting
- Graduate Advising and Recruiting Committee, 1984-1992.
- Colloquium Committee, 1984-1986.
- Member of Search Committee (L. Foged, Chair), 1985.
- Designed and graded Master's qualifying exams for 3580, 3581. Spring 1988.
- Undergraduate advisor for mathematics major (statistics option). Fall 1987-spring 1988.
- Proposal to the Graduate Council to delete GRE requirement for admission to graduate program in Mathematical Sciences. Approved spring 1987.
- Translated graduate program information into Spanish and sent material to 50 universities in Latin America for recruiting purposes. Spring 1984, Fall 1985, Fall 1986, Fall 1987, Fall 1988, Fall 1989, Fall 1990.
- Departmental telephone campaign for excellence fund.
- Assistant Graduate Advisor 1988-1989.
- Appointed by the Chairman to comment on Ph.D. proposal in Materials Science. Fall 1990.
- Appointed by the Chairman to join the Library Committee to oversee and decide what journals to cutback. Fall 1990.
- Chaired a committee to study the issues of thesis requirements and oral versus written comprehensive exams. I produced a report that was distributed to all graduate faculty.
- Chaired the Graduate Student Recruiting Committee September 1990-August 1991.
- Prepared a memo detailing the advantages of requiring a thesis in the Master's program. The memo also detailed and pointed to the importance of planning for the future of the graduate program and the importance of the four new faculty positions in the context of the future of the program. The memo was distributed to all graduate faculty. A spin-off of the thesis requirement discussion was the technical report requirement as presented by Gene Schuster. Fall 1990.
- Alternate Senator for the Department to the Faculty Senate. September 1989-1993.
- Organized a successful seminar in BioStatistics having invited more than fifty-five out of campus speakers for the academic years of 1992-1997.
- Elected Senator for the Department to the Faculty Senate, 1993-1995.
- Designed and graded Master's exams for Probability and Statistics (3580-3581), Spring 1997.
- Statistics Graduate Advisor – January 2000 – May 2001

OTHER SIGNIFICANT SERVICE CONTRIBUTIONS

- Statistical Consulting work for Assistant Dean of College of Nursing, Elizabeth Monninger (1985).
- Statistical Consulting work for Assistant Professor of Nursing, Maria Alvarez (1986).
- Member of the Spring Meeting Committee of the Chihuahuan Desert International Chapter. Spring 1988.
- Provided statistical consulting support to Vice-President for Academic Affairs John Bruhn, August-October 1993.
- Provided statistical consulting support, and analyze chromosome data for Pablo Arenaz' student Mr. Cai.
- Provided statistical consulting support for numerous projects on campus as Director of the BioStatistical Laboratory.
- Prepared portfolio for Victor Perez Abreu – IMS Fellowship. Nomination was successful. – Feb 2000.

PUBLICATIONS

1. Javier Rojo (1985). "Examples of the Effect of the Loss Function on the Best Equivariant Estimator", **Communications in Statistics, Theory and Methods**, Vol. A14, 3007-3032.
2. Javier Rojo (1986). "A Necessary and Sufficient Condition for an Estimator to be Optimal", **Communications in Statistics, Theory and Methods**, Vol. A15, 1647-1651.
3. Javier Rojo (1987). "On the Admissibility of $a\bar{X}+b$ with Respect to the LINEX Loss Function", **Communications in Statistics, Theory and Methods**, Vol. A16, 3745-3749.
4. Javier Rojo and Francisco Samaniego (1991). "On Nonparametric Maximum Likelihood Estimation of a Distribution Uniformly Stochastically Smaller than a Standard", **Statist and Probab Letters**, 267-271.
5. Javier Rojo and Guo Zhong He (1991). "New Properties and Characterizations of the Dispersive Ordering", **Statistics and Probability Letters**, Vol. 11, 365-372.
6. Javier Rojo, Daniel Vallejo Rodriguez, and Arturo Bronson (1991). "The Effect of the Scratch Shape on the Ohmic Potential Created during Scribing of Electrodes", **Journal of the Electrochemical Society**, Vol. 138, No 5, 1364-1368.
7. Javier Rojo, Daniel Vallejo Rodriguez and Arturo Bronson (1991). "The Ohmic Potential of Diamond-Shaped Scratches Acquired from the Scribing of Electrodes", **Proceedings of a Symposium on Wear-Corrosion Interactions in Liquid Media**, Alberto Sagues and E. I. Meletis eds., Minerals and Metals Society, 37-46.
8. Javier Rojo (1992). "A Pure-Tail Ordering Based on the Ratio of The Quantile Functions", **The Annals of Statistics**, Vol. 20, No 1, 570-579.

9. Paul Goldstein, Lisa Magnano, and Javier Rojo (1992). "Effects of Dimethyl Sulfone (DMSO₂) on Early Gametogenesis in *Caenorhabditis elegans*: Ultrastructural Aberrations and Loss of Synaptonemal Complexes from Pachytene Nuclei", **Reproductive Toxicology**, Vol. 6, 149-159.
10. Erich L. Lehmann and Javier Rojo (1992). "Invariant Directional Orderings", **The Annals of Statistics**, Vol. 20, No 4, 2100-2110.
11. Javier Rojo, Carmen Thompson, and Arturo Bronson (1992). "Solution of Laplace's Equation to Calculate the Ohmic Potential Drop for Hexagonally-shaped Scratches", **Journal of the Electrochemical Society** Vol. 139, 1561-1567.
12. Javier Rojo and Arturo Bronson (1992). "Estimation of Survival Probabilities in Pitting Corrosion Experiments", **Techniques for Corrosion Measurement**, National Association of Corrosion Engineers, December 1992, Library of Congress Call Number TA462.T43 1992.
13. Javier Rojo and Francisco Samaniego (1993). "On Estimating a Survival Curve Subject to a Uniform Stochastic Ordering Constraint", **Journal of the American Statistical Association**, Vol. 88, No 422, 566-572.
14. Dana Reneau, Javier Rojo, and Francisco Samaniego (1993). "On Estimating Survival for Reliability Models Based on Age-Related Stochastic Comparisons", **Naval Research Logistics**, Vol. 40, 603-615.
15. Javier Rojo (1993). "On the Preservation of Some Pure-Tail Orderings by Reliability Operations", **Statistics and Probability Letters**, Vol. 17, No 3, 189-198.
16. Javier Rojo and Arturo Bronson (1993). "Numerical Analysis of Certain Solutions of Laplace's Equation to Calculate the Ohmic Potential Drop after Scribbling", **Electrochimica Acta**, Vol. 38, No. 17, 2525-2532.
17. Javier Rojo and Francisco Samaniego (1994). "Uniform Strong Consistent Estimation of an IFRA Distribution Function", **Journal of Multivariate Analysis**, Vol. 49, No 1, 150-163.
18. Javier Rojo and Jinping Wang (1994). "Tests Based on L-Statistics to Test the Equality in Dispersion of Two Probability Distributions", **Statist and Probability Letters**, Vol 21, 107-113.
19. Javier Rojo (1995). "On the Weak Convergence of Certain Estimators of Stochastically Ordered Survival Functions", **Journal of Nonparametric Statistics**, Vol. 4, 349-363.
20. Javier Rojo (1995). "Estimation of a Quantile Function Under Order Constraints", **Journal of Nonparametric Statistics**, Vol 5, 185-200.
21. Javier Rojo (1996). "On the Classification of Probability Distributions by Tail Behavior", **Journal of The American Statistical Association**, Vol 91, No. 433, 378-384.
22. Javier Rojo (1995). "Characterizations of Some Concepts of Aging", **IEEE Transactions in Reliability**, Vol 44, No 2, 285-290.
23. Javier Rojo (1996).- "Relationships Between Pure Tail Orderings of Lifetime Distributions and Some Concepts of Residual Life", **Annals of Institute of Statist. Math.**, Vol 48, No. 2, 247-255.
24. Javier Rojo and Zheng Ma (1996).- "On the Estimation of Stochastically Ordered Survival Functions", **Journal of Statistical Computation and Simulation**, Vol 55, 1-21.

25. Subhash Kochar and Javier Rojo (1996).- "Some new results on stochastic comparisons of spacings from heterogeneous exponential distributions", **Journal Multiv. Analysis**, Vol 59, No 2, 272-281.
26. Hammou El Barmi, and Javier Rojo (1997).- "Likelihood Ratio Tests for Peakedness in Multinomial Populations", **Journal of Nonparametric Statistics**, Vol 7, 221-237.
27. Richard Dykstra, Subhash Kochar, and Javier Rojo (1997).- "Stochastic comparisons of parallel systems of heterogeneous exponential components", **Journal of Statistical Planning and Inference**, Vol 65, 203-211.
28. Javier Rojo (1999).- "Estimation of a Survival Function Under a Dispersive Order Constraint", **Special Issue of The First NIU Symposium on Statistical Sciences -- Journal of Nonparametric Statistics**, Vol 11, 107 – 135.
29. Javier Rojo (1998).- "On the Estimation of the Quantile Function of an IFRA Distribution", **Scandinavian Journal of Statistics**, Vol 25, 293-310.
30. Javier Rojo (2000).- "Proper Priors Yielding Linear Bayes Estimators for the Natural Parameter of an Exponential Family", **Brazilian Journal of Probability and Statistics**, 14, 61-70.
31. Javier Rojo and Julia Bader (2000).- "On estimating the quantile function for distributions constrained by star-shaped ordering", **Journal of Statistical Computation and Simulation**, Vol. 67, pp. 133 - 172.
32. Javier Rojo, Enrique Villa, and Miguel Flores (2001).- "Nonparametric Estimation of the Dependence Function in Extreme Bivariate Distributions", **Journal of Multivariate Analysis**, 76, 159-191.
33. Javier Rojo and Hammou El Barmi. (2003).- "Estimation of Distribution Functions Under Second Order Stochastic Dominance", **Statistica Sinica**, Vol 13, No 3, 903-926.
34. Javier Rojo (2004).- "On the estimation of survival functions under stochastic order constraint", **IMS LNMS vol 44**, February 2004, (J. Rojo and V. Perez-Abreu Eds.).
35. Javier Rojo (2004).- "The First Erich L. Lehmann Symposium – Optimality", Preface to **Vol 44 IMS LNMS**,.
36. Javier Rojo (2005).- "The Rice University Summer Institute of Statistics", **Math Horizons**, Vol 13, 30.
37. Javier Rojo (2005).- "The Second Erich L. Lehmann Symposium", Newsletter, winter 2004-2005, Vol 8 University of California at Berkeley, Department of Statistics.
38. Javier Rojo, et al. (2005): "Assessment of NIH Minority Research and Training Programs, Phase 3", National Research Council, The National Academies Press.
39. Javier Rojo and Musie Ghebremichael (2006).- "Estimation of two ordered bivariate mean residual lifetime functions", **Journal of Multivariate Analysis**, Vol 97, 431-454
40. Javier Rojo (2006) "Decision Theory", in Encyclopedia of Measurement and Statistics, Neil Salkind (ed.), Vol 1, 236-240.
41. Javier Rojo (2006) "Unbiased estimator", in Encyclopedia of Measurement and Statistics, Neil Salkind (ed.), Vol 3, 1025-1026.

42. Javier Rojo (2006). “Brief history of the Lehmann Symposia: Origins, goals and motivation”, in The Second Erich Lehmann Symposium – Optimality, The Institute of Mathematical Statistics, Lecture Notes-Monograph Series, **Vol 49**, v-vi.
43. Javier Rojo *et al* (2007).- “Assessment of the NIOSH Head-and-Face Anthropometric Survey of U.S. respirator Users”, National Research Council, Institute of Medicine, **The National Academies Press**.
44. Javier Rojo and Jose Luis Batun. (2007) “Estimation of Symmetric Distributions Subject to a Peakedness Order”, **Advances in Statistical Modeling and Inference**, Essays in Honor of Kjell A. Doksum,, Vijay Nair (ed.), World Scientific Press, Vol 3, 649-669.
45. Javier Rojo, José Luis Batún, and Ramón Durazo (2007).- “Inference under dispersion restrictions: Estimation”, **Statistica Sinica**, Vol 17, 1165-1188.
46. Javier Rojo (2007).- “The Rice University Summer Institute of Statistics (RUSIS)”, Proceedings of the Conference on Promoting Undergraduate Research in Mathematics, Joseph A. Gallian Ed., **American Mathematical Society**, 119-124.
47. Natasha S. Becker MD, Neal R. Barshes MD, Thomas A. Aloia MD, Tuan Nguyen, Javier Rojo , Joel A Rodriguez MD, Christine A. O’Mahony MD, Saul J. Karpen MD, PhD, and John A. Goss MD (2008).- “Analysis of recent pediatric orthotopic liver transplantation outcomes indicates that allograft is no longer a predictor of survivals”, **Liver Transplantation**, Volume 14 Issue 8, Pages 1125 – 1132.
48. Javier Rojo Jimenez (with Becnel Boyd L, Maynard MJ, Morgan-Linnell SK, Horton LB, Sugang R, Hamill Versalovic J, Steffen D, Zechiedrich L) (2008). “Relationships among ciprofloxacin, gatifloxacin, levofloxacin, and norfloxacin MICs in fluoroquinolone-resistant Escherichia coli clinical isolates”, **Antimicrobial agents and chemotherapy**, Vol 53, No. 1, 229-234.
49. Tuan Nguyen and Javier Rojo (2009).- “Dimension reduction of microarray data in the presence of a censored survival response: a simulation study”. **Statistical Applications in Genetics and Molecular Biology**, Vol 8: Iss. 1, Article 4.
50. Javier Rojo (2009).- “Erich L. Lehmann, The Lehmann Symposia, and November 20th, 1917”, In The Third Erich L. Lehmann Symposium – Optimality, (Javier Rojo, *ed*), **IMS Lecture Notes and Monograph Series**, Vol 57, 1-7.
51. Javier Rojo and José Luis Batún-Cutz (2009).- “On the Estimation of Symmetric Survival Functions Under Peakedness Order Constraint”, In The Third Erich L. Lehmann Symposium – Optimality, (Javier Rojo, *ed*), **IMS Lecture Notes and Monograph Series**, Vol 57, 147-172.
52. Javier Rojo (2009).- Preface to The Third Erich L. Lehmann Symposium – Optimality, **IMS Lecture Notes and Monograph Series**, Vol 57, v-vi.
53. Tuan Nguyen and Javier Rojo (2009).- “Dimension Reduction of Microarray Gene Expression Data: The Accelerated Failure Time Model”, **Journal of Bioinformatics and Computational Biology**, Vol 7 No 6, 939-954, December 2009. DOI No: 10.1142/S0219720009004412.
54. Leonardo Dueñas-Osorio and Javier Rojo (2010).- “Probability Models for the Reliability Metrics of Practical Power Distribution Networks”, **Safety, Reliability and Risk Structures, Infrastructures and Engineering Systems**, Furuta, Frangopol, and Shinozuka (eds), Taylor and Francis Group, ISBN 978-0-415-47557-0

55. Leonardo Dueñas-Osorio and Javier Rojo, (2010). "[Reliability assessment of radial lifeline systems.](#)" *Computer-Aided Civil and Infrastructure Engineering*, Vol 26, No. 2, 111 – 128, DOI: 10.1111/j.1467-8667.2010.00661.x.
56. Dueñas-Osorio, L. and J. Rojo, (2010). "Reliability Assessment of Lifeline Systems with Radial and Looped Topologies." Li, J., Y.-G. Zhao, J. Chen, and Y. Peng (Eds.), *Proceedings of the International Symposium on Reliability Engineering and Risk Management (ISRERM2010)*, Shanghai, China, September 23-26, 2010. Shanghai: Tongji University Press.
57. Javier Rojo (2011). (with Matthew R. McCurdy, MD, Ph.D.; Hanan Abdel-Monem, M.D.; Frank K Tittel, Ph.D.; Amir Sharafkaneh, M.D., Ph.D.). "Exhaled Nitric Oxide Parameters and Functional Capacity in Chronic Obstructive Pulmonary Disease." *Journal of Breath Research*, Vol 5, [doi:10.1088/1752-7155/5/1/016003](#)
58. Javier Rojo (2011). "Erich Leo Lehmann – A Glimpse into his Life and Work". *Ann. Statist.*, Volume 39, Number 5 (2011), 2244-2265.
59. Rojo, J., and Dueñas-Osorio, L. (2011). "Recursive reliability assessment of radial lifeline systems with correlated component failures." Applications of statistics and probability in civil engineering (ICASP11). Ed. M. H. Faber, J. Kohler, and K. Nishijima. London, UK: CRC Press, Taylor and Francis Group, pp 1435-1443, ISBN 978-0-415-66986-3
60. Javier Rojo (2012). "Erich L. Lehmann's Books", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
61. Javier Rojo (2012). "Erich L. Lehmann's Ph.D. students", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
62. Javier Rojo (2012). "On Testing of Hypotheses", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
63. Javier Rojo (2012). "Erich L. Lehmann's Work on the History of Classical Statistics", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
64. Javier Rojo (2012). "Erich L. Lehmann's Work on Decision Theory", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
65. Javier Rojo (2012). "Erich L. Lehmann's Biographical Work", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
66. Javier Rojo (2012). "Erich L. Lehmann's Bibliography", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
67. Javier Rojo (2012). "Erich L. Lehmann's Biosketch", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
68. Javier Rojo (2012). "Erich L. Lehmann's Work on the Philosophy of Statistics", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.
69. Javier Rojo (2012). "Preface", in *Selected Works of E. L. Lehmann*. J. Rojo Ed. Springer-Verlag.

70. Edward Castillo, Richard Castillo, Benjamin White, Javier Rojo, and Thomas Guerrero (2012). "Least median of squares filtering of locally optimal point matches for compressible flow image registration". *Phys. Med. Biol.*, Vol 57, No. 15, 4827-4833.
71. Javier Rojo (2013). "Heavy-tailed densities", *WIREs Comput Stat* 2013, 5:30–40. doi: 10.1002/wics.1236.
72. Javier Rojo (2013). Guest Editorial. *Statistical Modelling: An International Journal*. Double issue in honor of Erich L. Lehmann. *Statistical Modelling* 2013; 13(5&6): i–v. doi:10.1177/1471082X13494607.
73. Javier Rojo (2013). "Personal reminiscences about Erich L. Lehmann", *Statistical Modelling: An International Journal*. October & December 13: 387-395, doi:10.1177/1471082X13494608.
74. Leonardo Duenas-Osorio, Moshe Vardi, and Javier Rojo (2017). "Quantum Boolean States for Engineering Network Reliability", Under revision.

BOOKS (EDITED)

- 2012 Javier Rojo – **Editor**. *Selected Works of E. L. Lehmann*. Springer-Verlag, January.
- 2009 Javier Rojo – **Editor**. The Third Erich L. Lehmann Symposium – Optimality, **IMS Lecture Notes and Monograph Series**, Vol 57.
- 2006 Javier Rojo, Editor. "The Second Erich Lehmann Symposium – Optimality", The Institute of Mathematical Statistics, Lecture Notes-Monograph Series, **Vol 49**.
- 2004 Javier Rojo, **Co-Editor** (with Victor Pérez Abreu)- "The First Erich L. Lehmann Symposium -- Optimality", The Institute of Mathematical Statistics, Lecture Notes-Monograph Series, **Vol 44**, February.

SPECIAL PROJECTS

Team co-leader (with Raúl Rojas, Free University of Berlin), **Spirit of Berlin autonomous car**, qualified for the National Qualifying Event of the DARPA Grand Urban Challenge, Victorville, CA, October 22nd – November 3rd, 2007.

Editor of webcasts of the Second and Third Lehmann Symposia.

<http://webcast.rice.edu/webcast.php?action=details&event=408>

<http://webcast.rice.edu/webcast.php?action=details&event=1057>

TECHNICAL REPORTS

Javier Rojo (1981). "A Numerical Comparison of the Gram-Charlier and Edgeworth Expansions for sums of Independent Random Variables as they apply to Power Reliability Indices", Pacific Gas and Electric Co., San Francisco, California.

Javier Rojo and Gordon Crawford (1983). "Nonhomogeneous Form of Palm's Theorem and the Decomposition of a Nonstationary Poisson Process", The Rand Corporation, Santa Monica, Ca.

Javier Rojo (1988). "On the Concept of Tail-Heaviness", Tech. Report No. 175, Department of Statistics, University of California at Berkeley.

Javier Rojo and Francisco Samaniego (1989). "On Nonparametric Maximum Likelihood Estimation of a Distribution Uniformly Stochastically Smaller than a Standard", Tech. Report No. 183, Technical Report Series of the Intercollege Division of Statistics, Univ. of California at Davis.

E. L. Lehmann and Javier Rojo (1990). "Invariant Location Orderings", Tech. Report No. 278, Department of Statistics, University of California at Berkeley.

Javier Rojo and Francisco Samaniego (1990). "On Estimating a Survival Curve Subject to a Uniform Stochastic Ordering Constraint", Tech. Report No. 203, Technical Report Series of the Intercollege Division of Statistics, University of California at Davis.

Dana Reneau, Javier Rojo, and Francisco Samaniego (1991). "On Estimating Survival for Reliability Models Based on Comparisons Among Used Items", Tech. Report No. 213, Technical Report Series of the Intercollege Division of Statistics, University of California at Davis.

Javier Rojo and Hammou El Barmi (2001).- Rice University, Statistics Department, Technical Report 01-1, Estimation of Distribution Functions Under Second Order Stochastic Dominance.

Javier Rojo and Musie Ghebremichael: "Estimation of two ordered bivariate mean residual lifetime functions". Department of Statistics, Rice University, Technical Report.

Javier Rojo, Raul Rojas, Ketill Gunnarsson, Mark Simon, Fabian Wiesel, Fabian Ruff, Lars Wolter, Frederik Zilly, Neven Santrac, Tinosch Ganjineh, Arash Sarkohi, Fritz Ulbrich, David Latotzky, Benjamin Jankovic, Gretta Hohl, Thomas Wisspeintner, Kai Pervoelz (2007) Spirit of Berlin - The Hardware and Software Architecture of an Autonomous Car, Free University of Berlin, Department of Computer Science, Technical Report B-07-09, May 2007.

ABSTRACTS

Javier Rojo, Daniel Vallejo Rodriguez, and Arturo Bronson (1989). "The Effect of the Ohmic Potential on Electrode Activation/Depassivation During Scribing", **Journal of Metals**.

Javier Rojo (1990). "Bayes Decisions May Contradict the Experts' Opinions", **IMS Bulletin**, VOL. 19, NO. 3, May/June 1990.

Javier Rojo (1990). "Proper Priors Yielding Linear Bayes Estimators for the Natural Parameter of an Exponential Family", **IMS Bulletin**, Vol. 19, No. 3, May/June 1990.

Javier Rojo, Carmen Thompson, and Arturo Bronson (1990). "Solution of Laplace's Equation to Calculate the Ohmic Potential Drop for Hexagonally-Shaped Scratches", **Journal of the Electrochemical Society**, October 1990.

Barshes, Neal R, Rojo, Javier, Nguyen, Tuan S, Sussman, Norman L, Vierling, John M, O'Mahony, Christine A, Goss, John A (2006). "How do donor and recipient characteristics interact in influencing post-transplant patient survival?", World Transplant Congress 2006, Oral Abstract, **American Journal of Transplantation**. 6 Suppl. 2:95, August 2006.

Becker, N.S, Barshes, N.R., Nguyen. T.S., J. Rojo, Rodriguez, J.A., Aloia, T.A., O'Mahony, C.A., and Goss, J.A. (2007). "Is there a preferred allograft type for pediatric liver transplant recipients? ", **Journal of Surgical Research**, Volume 137, Issue 2, February 2007, Page 234.

OTHER PUBLICATIONS

"To Erich L. Lehmann: On His Seventy-Fifth Birthday, From His Ph.D. Students", Javier Rojo Ed., Nov. 1992.

PRESENTATIONS

"On the Existence of L-Unbiased Estimators", June 1983, Department of Mathematical Sciences, University of Texas at El Paso (Invited talk).

"Some Classical Problems in Probability", presented to student participants in the Eight Annual El Paso Area Mathematics and Science Contest, University of Texas at El Paso, February 1984.

"Quality Control Charts: A Unified Approach", Quality Control Emphasis Week, Dale Electronics Corporate Level Annual Meeting, El Paso, Texas, December 1985 (Invited talk).

"Quality Control Charts", Sun City Laboratory Analysts Association, El Paso, Texas, October 1986 (Invited talk).

"On the Existence of Rao-Blackwell Theorems", at the NSF Principal Investigators Meeting, March 1987.

"Random Walks and Brownian Motion", Joint Seminar, Departments of Civil Engineering and Mathematical Sciences, University of Texas at El Paso, April 1987 (Invited talk).

"Statistics: The Profession." Presented to Ysleta High School students on "Our Futures Unlimited Career Day": March 1988.

"The Effect of the Ohmic Potential on Electrode Activation/Depasivation during Scribing". In the Wear-Corrosion Interactions in Liquid Media Session of the TMS-AIME Symposium, October 1989, Indianapolis, IN.

Javier Rojo, Carmen Thompson, and Arturo Bronson (1990). "The Effect of the Scratch Shape on the Ohmic Potential Created During Scribing of Electrodes", August 1990, Joint Math. Meetings, MAA/AMS, Ohio State University, Columbus, OH.

Javier Rojo, Carmen Thompson, and Arturo Bronson (1990). "Solution of Laplace's Equation to Calculate the Ohmic Potential Drop for Hexagonally-Shaped Scratches", The Electrochemical Society, October 14-19 1990, Seattle, Washington.

Javier Rojo, Carmen Thompson, and Arturo Bronson (1991). "The Ohmic Potential Drop Created by Hexagonally-Shaped Scratches During the Scribing of Electrodes" SACNAS Annual Conference, Costa Mesa, CA., January 4-7, 1991; and NARCE Annual Meeting, University of Texas at El Paso, October 1990.

Javier Rojo, Mario Borunda, and Arturo Bronson (1991). "The Ohmic Potential Drop Created by an Asymmetric Diamond-Shaped Scratch During the Scribing of Electrodes" SACNAS Annual Conference, Costa Mesa, CA., January 4-7, 1991; and NARCE Annual Meeting, University of Texas at El Paso, October 1990.

Javier Rojo (1992). "Evaluation of Pitting Behavior of Stochastic Analysis", Nashville, Tenn., March 1992, NACE Meeting.

Javier Rojo (1992). "Estimation of Survival Functions with Some Applications to the Physical Sciences", Invited talk, Physics Dept., UTEP, April 1992.

"The BioStatistics Laboratory", presentation to NIH site visit team, RCMI program, May 1992.

"Estimation of Survival Functions under Order Constraints", presentation to NIH site team, RCMI program, May 1992.

Javier Rojo and Julian Viera (1993) "Results Of A Monte Carlo Study to Compare The Small Sample Properties Of Various Estimators Of Survival Functions Subject To Order Constraints", SACNAS Annual meeting, Albuquerque, NM., January 14-17.

Javier Rojo, Carmen Thompson, and Arturo Bronson (1993). "Solution of Laplace's Equation to Calculate the Ohmic Potential Drop for Elliptically-Shaped Scratches", SACNAS Annual meeting, Albuquerque, NM., January 14-17.

Javier Rojo, Carmen Thompson, and Arturo Bronson (1993). "Taylor's Series Solutions of Laplace's Equation to Compute the Ohmic Potential Drop", NARCE Annual meeting, Birmingham, AL., March 8-13.

Javier Rojo, Carmen Thompson, and Arturo Bronson (1993). "The Ohmic Potential Drop for Elliptically-Shaped Scratch", 183rd Meeting of The Electrochemical Society, Honolulu, Hawaii, May 16-21.

Javier Rojo (1993). (Invited Talk) "Weak Convergence of Estimators for Survival Functions Under a Stochastic Ordering Constraint", National Institute of Standards and Technology, Gaithersburg, MD., May 1993.

Javier Rojo (1994). (Invited Talk) Presented to the Physics Department April 1994, "Estimation of Survival Functions with Applications to the Physical Sciences".

Javier Rojo (1994). (Invited talk) Presented at the 1994 Texas Statisticians Conference, Texas A&M University, "Strong Uniform Consistent Estimation of an IFRA Survival Function".

Javier Rojo (1994). (Invited talk) Presented at the Centro de Investigaciones Matemáticas, Guanajuato, Gto., México, May 1994, "Strong Uniform Consistent Estimation of an IFRA Survival Function".

Javier Rojo (1995). (Invited talk) Presented at the Department of Epidemiology, Johns Hopkins University, January 1995, "Classification of Probability Distributions by Tail Behavior".

Javier Rojo (1995). (Invited talk) Presented at the Department of Epidemiology, Johns Hopkins University, January 1995, "Nonparametric Estimation of a Quantile Function Under Order Constraints".

Javier Rojo (1995). Presented to the Texas Tech Medical School Faculty, February 1995, "The BioStatistical Laboratory".

Javier Rojo (1995). Presented to the Sierra Medical Center Physicians, April 1995, "The BioStatistical Laboratory".

Javier Rojo (1995). Presented to the MRCE External Scientific Advisory Committee, September 1995, "Statistical Modeling of Corrosion Processes", UTEP.

Javier Rojo (1995). (Invited talk) Presented during the Fourth NSF National Conference on Diversity in the Scientific and Technical Workforce, "MRCE: Effective Interdisciplinary Research Program Development, Organization, Long-range Planning, and Evaluation".

Javier Rojo (1995). Presented to the "President's Forum", "Objectives and Services Provided by the BioStatistical Laboratory".

Javier Rojo (1995). (Invited talk) Presented to Faculty of Statistics Department, Southern Methodist University, October, "Nonparametric Estimation of Quantile Functions Under a Dispersive Ordering Constraint".

Javier Rojo (1996). March, "The BioStatistical Laboratory", Presented to External Scientific BBRC Site Visit Review Committee.

Javier Rojo (1996). (Invited talk) Presented to the Faculty and students program in Mathematics, Universidad de Juarez, April, "Some Interesting Ideas in Probability and Statistics", In Spanish.

Javier Rojo (1996). (Invited talk) Presented to the Faculty of Kansas State University, Department of Statistics, May, "Nonparametric Estimation of Survival Functions Under Order Constraints".

Javier Rojo (1996). Member of Reverse Site Visit team to NSF to provide progress report on the Center for Manufacturing and Processing, May.

Javier Rojo (1996). (Invited talk) Presented to the Faculty of the Epidemiology and Preventive Medicine Department, Loyola University of Chicago, July, "Survival Function Inference Under Stochastic Order Constraints"

Javier Rojo (1996).- (Invited talk) Presented at the 10th Anniversary Commemoration, Statistics Department, Northern Illinois University, September, "Some Problems in Nonparametric Survival Function Estimation".

Javier Rojo (1996).- (Invited talk) Presented to the Faculty of the Department of Management and Information Science, Center for Statistical Sciences, Graduate College of Business, University of Texas at Austin, "Estimation of Survival Functions Under a Second Order Stochastic Dominance", Nov 8.

Javier Rojo (1996).- (Invited talk) Presented to the Faculty and Graduate Students of the Mathematical Sciences Department, Johns Hopkins University, "Partial Orders of Distribution Functions and Related Estimation Problems", Nov 19.

Javier Rojo, Lizeth Veliz, and Arturo Bronson (1997).- Poster presentation "Numerical evaluation of the flux at the surface of a rotating disk electrode", Ninth Annual NARCE Conference, El Paso, TX, March 6-9.

Javier Rojo (1997).- "Estimating population changes in BMI", PHSAD, Eleventh Annual Minority Health Conference "At the threshold of the new millennium: creating pathways that bridge the gap between policy and the needs of communities of color.", School of Public Health, University of Michigan, Ann Arbor, March 21-22.

Javier Rojo (1997).- "Estimation of survival functions subject to a dispersive order constraint", CIMAT, (Centro de Investigaciones Matemáticas) Gto., México, April 7-15.

Javier Rojo (1997).- (Invited Series of Lectures) "Partial Orders of Distribution Functions and the Related Estimation Problems", Statistics Dept., Rice University, Houston, June 16-20.

Javier Rojo (1997).- (Invited workshop) Presented at The "I Simposio de Estadística", CIMAT, (Centro de Investigaciones Matemáticas) Gto., México, June 30 - July 4, 1997, "Survival Analysis", and "Some Statistical Problems in Molecular Biology".

Javier Rojo (1997).- (Invited talk) “Some statistical problems in Reliability”, White Sands Missile Range, New México, September 18, 1997.

Javier Rojo (1997).- (Invited guest lecture) “Estimating a distribution function subject to a second order stochastic dominance constraint”, Workshop on Nonparametric Functional Estimation, Centre de Recherches Mathematiques, Universite de Montreal, October 13-24.

Javier Rojo (1998).- Statistical Science Department, Southern Methodist University, Dallas, TX. October. “Some measures of dispersion and the BMI”.

Javier Rojo (1999).- Department of Statistics, Rice University, Houston, TX. (March). “The BMI and estimation under dispersive orderings”.

Javier Rojo (1999).- School of Public Health, Department of Biostatistics, Harvard University, (June). “The BMI in minority populations”.

Javier Rojo (1999).- Joint Statistical Meetings, Baltimore, Aug 7 – Aug 12, 1999. Chair, Organizer and Speaker. “Funding Opportunities in the Statistical Sciences at NSF”.

Javier Rojo (1999).- SACNAS 1999 Conference, Portland OR, October 7-9, “Probability and Statistics: Current and Future Topics”.

Javier Rojo (2000).- University of Arizona, MARC program, April 17, “The BMI in minority populations”.

Javier Rojo (2000).- Joint Statistical Meetings, Indianapolis, Introduction of the Noether Award winner, "Erich L. Lehmann: His impact on Nonparametric Statistics", August 12 - 17.

Javier Rojo (2000).- Universidad de Ciudad Juarez, School of Engineering, “The BMI and Nonparametric estimation”, September 22.

Javier Rojo (2000).- (Invited Lecture) SACNAS 2000 meeting, Atlanta. Ga., "Nonparametric estimation of survival functions under the peakedness order restriction", October 12 - 15.

Javier Rojo (2001).- (Invited Lecture) Centro de Investigaciones Matemáticas (CIMAT), “Nonparametric Estimation of the Body Mass Index Under Order Restrictions”, August 16, Guanajuato, México.

Javier Rojo (2001).- (Invited Workshop) Mexican Statistical Meetings, Workshop on Order Restricted Inference, Guadalajara, México, October 7 – 12.

Javier Rojo (2001).- (Invited Session Chair and speaker) Session: A Biostatistical Look at Some Environmental and Health Issues in Populations of Color. Talk: “Nonparametric estimation of the BMI for populations of color”, AISES Conference, Albuquerque, NM November 16 – 18, 2001.

Javier Rojo (2002).- (Invited speaker: Opening remarks – The work of Erich Lehmann) First Erich Lehmann Symposium, CIMAT, Guanajuato, México, May 2002.

Javier Rojo (2002).- (Invited speaker) Some Partial Orders of Probability Distributions and Related Estimation Problems. First Erich Lehmann Symposium, CIMAT, Guanajuato, México, May 2002.

Javier Rojo (2002).- (Invited Session Speaker). SACNAS 2002. Partial orders of survival functions and estimation under censoring. October 2002.

Javier Rojo (2003).- (Invited talk in Presidential session). IMS-WNAR meeting in Golden CO.

Javier Rojo (2003).- (Invited talk) The Body Mass Index and estimation under dispersion, Department of Mathematics and Statistics, University of New Mexico, October 2003.

Javier Rojo (2003).- (Invited talk) Nonparametric estimation of the mean residual lifetime function, Dept of Probability and Statistics, CIMAT, México, October 2003

Javier Rojo (2003).- (Invited panel) Future directions in Statistics, CIMAT, México, December 2003.

Javier Rojo (2004).- (Invited talk) Nonparametric estimation of the Body Mass Index, Dept of Mathematics and Computer Science, Colorado School of Mines, March 2004.

Javier Rojo (2004).- (Invited talk) Nonparametric estimation of dispersion-ordered survival functions. August 2004, Universidad Veracruzana, Xalapa, México.

Javier Rojo (2004).- (Invited talk) The future of statistics, August 2004, Universidad Veracruzana, Xalapa, México.

Javier Rojo (2004).- (Invited talk) Obesity, diabetes, and cardiovascular disease in the Hispanic population and problems of estimation under a dispersion constraint, SACNAS annual meeting, Austin, TX 2004.

Javier Rojo (2005).- (Invited talk) Nonparametric Bivariate Survival Estimation, American Statistical Association Workshop NONPARAMETRIC STATISTICS: FRONTIER, Texas A&M, January 14-15.

Javier Rojo (2005).- (Invited talk) Tres Ejemplos de Aplicaciones de la Estadística a Problemas en las Ciencias y la Ingeniería, Escuela de Probabilidad y Estadística, CIMAT, January 31st – February 4th.

Javier Rojo (2005) .- Invited member of panel “Biostatistics and Epidemiology: The intersection of math, science, and public health”, SACNAS meeting, Denver CO., October.

Javier Rojo (2005).- Invited Plenary talk, Mexican Statistical National Meeting, October. I cancelled due to forced evacuation for hurricane Rita.

Javier Rojo (2006).- Invited Speaker, Survival Analysis Workshop, Pan-American Advanced Studies Institute as part of The Mathematical Models of Population Dynamics PASI, July 17 - 28, 2006 at the National University of El Salvador (UES), funded by NSF.
http://www.math.tulane.edu/~cortez/PASI/PASI_UES06/

Barshes NR, Rojo J, Nguyen TS, Sussman NL, Vierling JM, O'Mahony CA, Goss JA. "How Do Donor and Recipient Characteristics Interact in Influencing Posttransplant Patient Survival?" Presentation at the 2006 **World Transplant Congress** (Boston, Massachusetts), 2006. Winner of “**Domestic Young Investigators**”, award.

Megan Fitch, **S Chang**, A Edwards, T Nguyen, J Rojo, M Fitch, A Schlesinger, C Marias, JG Nuchtern, and ML Brandt (2007). “Fever and Antibiotics after Reduction of Intussusceptions”, **American College of Surgeons** Annual meeting, Houston, TX., February 2007.

Barshes NR, Nguyen TS, Rojo J, O'Mahony CA, Aloia T, Goss JA. “Have U.S. Pediatric Liver Transplant Outcomes Improved in the Past Decade?” Accepted for oral presentation at the 2007 **American Transplant Congress** (Washington, D.C.)

Javier Rojo (2007).- (Invited talk) “The Body Mass Index, The Haseman-Elston Model, Measures of Dispersion, and Estimation of Distribution Functions Under Dispersion Constraints”, University of Texas Health Science Center at Houston, Biostatistics Department, April 2007.

Javier Rojo (2007).- (Invited talk) “The Haseman-Elston model for sib-pair linkage analysis, measures of dispersion, and estimation of distribution functions ordered by peakedness”, Department of Management Science and Statistics, University of Texas at San Antonio, April 2007.

Javier Rojo (2007).- Chair Opening Remarks, The 3rd Lehmann Symposium, Rice University, May 2007.

Javier Rojo (2007).- “Erich L. Lehmann – brief accounts”, Keynote address, The 3rd Lehmann Symposium, Rice University, May 2007.

Javier Rojo (2007).- Chair Closing Remarks, The 3rd Lehmann Symposium, Rice University, May 2007.

Javier Rojo (2007).- (Invited Talk) “Linkage analysis with sib-pair data and concepts of dispersion, and survival analysis with microarray data”, SACNAS meeting, October 2007.

Javier Rojo (2007).- (Invited Talk) “RUSIS: The Rice University Summer Institute of Statistics”, SACNAS meeting, October 2007.

Javier Rojo (2007).- (Invited Talk) “Concepts of risk: Ordering portfolios using stochastic dominance”, SACNAS meeting, October 2007.

Javier Rojo (2007).- (Invited Talk) “*Inference for tails of distributions: Hypotheses testing*” Tulane University, November 1, 2007.

Plenary speaker, Foro Nacional de Estadística, Veracruz, México, September 2008. (Cancelled—Ike)

Plenary speaker, International Congress in Industrial Engineering, Mechatronics, and Manufacturing, Cd. Juarez, México, October 2008.

Javier Rojo (2008).- Organizer, Chair, and Speaker “Statistical Perspectives on Health Disparities”, SACNAS National Meeting, Salt Lake City, October 2008.

Javier Rojo (2008).- Organized and hosted the First ever conversation with statisticians session, SACNAS National Meeting, Salt Lake City, October 2008.

Javier Rojo and **José Luis Batún** (2008).- (Invited talk) “Estimation of Symmetric distributions Subject to a Peakedness Order”, February 22nd, First México/Canada Statistical Meeting, CIMAT, Guanajuato.

Javier Rojo (2008).- (Invited talk) “Testing for tail heaviness of a distribution”, ASA San Antonio Chapter, October 30, UTSA.

Javier Rojo (2008).- (Invited talk) “Inference for heavy-tailed distributions”, Mathematics Department, University of Arizona, November 20.

Javier Rojo (2009).- (Invited talk) “Testing for long tails”, workshop on nonparametric statistics "Nonparametric Statistics, Refined, Redefined, and Renewed" University of Texas, Arlington, April 2009.

Javier Rojo (2009).- (Invited talk) “Survival analysis with microarray data: censoring and dimension reduction”, Veterans Affairs Medical Center, May 2009.

Javier Rojo (2009).- (Invited Talk) “Testing for long-tailed distributions”, Statistics Department, Columbia University, September 21st, 2009.

Plenary speaker - Sesión de Estadística del **XLII Congreso Nacional de la Sociedad Matemática Mexicana**, Zacatecas, México, October 13th, 2009.

Plenary speaker, XXIV Foro Nacional de Estadística, México City, October 15th, 2009.

Chair, Conversations with Scientists – Statistics, SACNAS National Conference, October 2009, Dallas, TX

Javier Rojo (2009).- (Invited Talk) Annual Biomedical Research Conference for Minority Students (ABRCMS) Steering and Planning Committee, November 2009, Phoenix, AZ

Javier Rojo (2009).- Speaker at Erich L. Lehmann’s Memorial Service, UC Berkeley, November 2009.

Javier Rojo (2009).- (Invited talk) Dimension reduction in survival analysis, Statistics Department, Universidad de Yucatan, Merida, December, 2009.

Javier Rojo (2009).- (Invited talk) “Testing for heavy tails”, Statistics Department, Universidad de Yucatan, Merida, December, 2009.

Javier Rojo (2010).- (Invited talk) “Testing hypothesis about a peakedness order”, Mathematics Department, Pomona College, February 2010.

Javier Rojo (2010).- (Invited talk) “On hypothesis testing”, Mathematics Department, Pomona College, February 2010.

Javier Rojo (2010).- (Invited talk) “Dimension reduction in microarray data”, PanAmerican Advanced Studies Institute on Mathematical Models and Population Dynamics at The National University of El Salvador in San Salvador, February 2010.

Javier Rojo (2010).- (Invited talk) “Spirit of Berlin – A robotic car”, Pan-American Advanced Studies Institute on Mathematical Models and Population Dynamics at The National University of El Salvador in San Salvador, February 2010.

Javier Rojo (2010).- (Invited talk) “Survival analysis with microarray data”, Pan-American Advanced Studies Institute on Mathematical Models and Population Dynamics at The National University of El Salvador in San Salvador, February 2010.

Javier Rojo (2010).- (Invited talk) “Testing for heavy tails”, Pan-American Advanced Studies Institute on Mathematical Models and Population Dynamics at The National University of El Salvador in San Salvador, February 2010.

Key-Note Speaker (2010).- ENAR 2010 workshop “Fostering Diversity in Biostatistics”.

Don Owen Award recipient lecture (2010) “RUSIS, PASI, The Lehmann Symposia, Mentors, Students, and How to become a Statistician by Accident ... Literally”, Baylor University, May 9th.

Opening remarks – Pan-American Advanced Studies Institute, CIMAT, Guanajuato, México, May 2010.

Javier Rojo (2010).- Dimension reduction through random projections. Pan-American Advanced Studies Institute, CIMAT, Guanajuato, México, May 2010.

Javier Rojo (2010).- Dimension reduction in survival analysis with microarray data. Texas State San Marcos, September 2010.

Javier Rojo (2010).- The Body Mass Index and estimation under dispersion constraints. Trinity University, September 2010.

Javier Rojo (2010).- (Invited talk) Testing for long-tailedness. University of New Mexico, Mathematics Department, October 2010.

Javier Rojo (2010). (Invited talk) Tail inference for probability distribution functions. Statistics Department, North Carolina State University, November 2010.

Javier Rojo (2010). (Invited talk) Pediatric liver transplant. Pediatrics Department. Texas Tech Health Science Center, El Paso, TX, November 2010.

Javier Rojo (2011). (Invited talk) Dimension reduction in the context of microarray censored survival data. Statistics Department, St Jude's Children's Hospital, January 2011.

Javier Rojo (2011). (Invited talk) Partial orderings of probability distributions. Statistics Department, North Carolina State University, March 2011.

Javier Rojo (2011) (Invited talk) Testing for heavy tails using extreme spacings. Mathematics and Statistics Department, Texas Tech University, March 2011.

Javier Rojo (2011). (Invited talk) Random projections and other methods for dimension reduction for microarray censored survival data. Statistics Department, UC Riverside, April 2011.

Javier Rojo (2011). (Invited talk) Tail inference for probability distributions: Testing Hypotheses. Pan-American Advanced Studies Institute, Xalapa, Veracruz, August 2011.

Javier Rojo (2011). (Invited talk) Partial Orders of Probability Distributions and Related Estimation Problems. Pan-American Advanced Studies Institute, Xalapa, Veracruz, August 2011.

Javier Rojo (2011). (Invited talk) Microarray Data: Dimension Reduction Strategies with applications to Survival Analysis. Pan-American Advanced Studies Institute, Xalapa, Veracruz, August 2011.

Javier Rojo (2011). (Invited talk) Tail orderings and related estimation problems. Economics and Finance, University of Texas, El Paso. November 2011.

Javier Rojo (2011). (Invited talk) Testing for tail-heaviness. School of Mathematics, Georgia Tech., December 2011.

Javier Rojo (2012). The Rice University Summer Institute of Statistics. Mathematics Department, Texas State at San Marcos, February 2012.

Javier Rojo (2012). The Rice University Summer Institute of Statistics. Mathematics Department, St. Mary's University, February 2012.

Javier Rojo (2012). The Rice University Summer Institute of Statistics. Mathematics Department, University of Texas at San Antonio, February 2012.

Javier Rojo (2012). (Invited talk) Dimension reduction strategies in the context of censored survival analysis. Center for Mathematical Research, CIMAT, Guanajuato, Mexico. February 2012.

Javier Rojo (2012). The Rice University Summer Institute of Statistics. Mathematics Department, San Francisco State University.

Javier Rojo (2012). (Invited talk) Hispanics in Academia, Federal Bureau of Investigations, El Paso, TX. October.

Javier Rojo (2012). The Rice University Summer Institute of Statistics. Mathematics Department, Texas State at San Marcos, September 2012.

Javier Rojo (2012). The Rice University Summer Institute of Statistics. Mathematics Department, St. Mary's University, September 2012.

Javier Rojo (2012). The Rice University Summer Institute of Statistics. University of Texas at San Antonio, September 2012.

Javier Rojo (2012). (Invited talk) Opportunities in graduate programs in the statistical sciences. San Francisco State University. StatFest sponsored by ASA.

Javier Rojo (2012). Hosted the 4th Conversations with Statisticians at the SACNAS national meeting. Seattle, WA October.

Javier Rojo (2012). (Invited talk) Dealing with high dimensionality in Survival Analysis. San Antonio ASA chapter. November.

Javier Rojo (2013). Dealing with high dimensionality in Survival Analysis. University of Nevada, Reno Mathematics and Statistics Department.

Javier Rojo (2014). How to become a statistician by chance ... literally. Latino Research Center, University of Nevada at Reno. April 8th.

Javier Rojo (2014). **Keynote address.** *Body Mass Index, Obesity, Haseman-Elston, Orders by Dispersion and Estimation Under Constraints*?, ASA Nevada Chapter, UNLV, Oct 2014.

Javier Rojo (2014). Career opportunities in Statistics. University of Nevada at Reno, StatFest July and November.

Javier Rojo (2015). (Invited talk) Testing for tail-heaviness of a distribution function. University of San Diego. April.

Javier Rojo (2015). Experiments, counting, Johnny Carson, tasting tea, experimental design, the scientific method, and all that Jazz. University of San Diego, April.

Javier Rojo (2015). (Invited talk) Heavy-tailed densities. Centro de Investigación en Matemáticas, Guanajuato – México, May.

Javier Rojo (2015). (Invited talk videotaped – in celebration of the center’s 35th anniversary) *Body Mass Index, Obesity, Haseman-Elston, Orders by Dispersion and Estimation Under Constraints*. Centro de Investigación en Matemáticas, Guanajuato – México, May.

Javier Rojo (2015). (Invited talk) *Body Mass Index, Obesity, Haseman-Elston, Orders by Dispersion and Estimation Under Constraints*. Statistics Department, University of California, Davis. May.

Javier Rojo (2015). Your future – statistically speaking. **Keynote Address**, StatFest 2015, University of Chicago, September.

Javier Rojo (2015). (Plenary Lecture) Congreso Internacional: Estadística y Descubrimiento Científico basado en el uso intensivo de datos. Escuela Superior de Física y Matemática, Ecuador, November. (Cancelled -- Zika Virus alert).

Javier Rojo (2015). (Round table panel -- invited) Congreso Internacional: Estadística y Descubrimiento Científico basado en el uso intensivo de datos. “La Estadística en el IV paradigma”, Escuela Superior de Física y Matemática, Ecuador, November. (Cancelled – Zika virus alert).

Javier Rojo (2016). (Invited talk) Dimension reduction in the context of survival analysis. Department of Mathematics and Statistics. Texas Tech University. February 8th.

Javier Rojo (2016). (Invited talk) Interdisciplinary and collaborative research: future directions. Department of Mathematics and Statistics. Texas Tech University. February 9th.

Javier Rojo (2016). (Invited talk) Dealing with high dimensionality in survival analysis. Arizona State, The New College. February 11th.

Javier Rojo (2016). (Invited talk) Future directions in interdisciplinary and collaborative research. Arizona State, The New College. February 12th.

Javier Rojo (2016). (Invited talk) Promising directions in collaborative and interdisciplinary research. Colorado School of Mines, February 25th.

Javier Rojo (2016). (Invited talk) The Cox proportional hazards and the accelerated failure time models for survival. Reducing dimension. Department of Statistics, Oregon State University.

Javier Rojo (2016). (Invited talk) Evans, Fisher, Neyman, and Lehmann and the emergence of statistics in Berkeley. April 29th, The Nevada Chapter of the American Statistical Association, Spring Social.

Javier Rojo (2016). (Invited talk) Survival analysis – reduction of dimension (In Spanish). Department of Statistics and Informatics, Universidad Veracruzana. May 19th.

Javier Rojo (2016). (Invited talk) The history of statistics in Berkeley and some cutting edge problems in interdisciplinary and collaborative research (In Spanish). Department of Statistics and Informatics. Universidad Veracruzana. May 20th.

Javier Rojo (2016). (Invited Participant/Presenter) Recruiting Strategies – REU. The National Science Foundation DMS REU sites virtual meeting June 13th, 2016.

Javier Rojo (2016). Participated in the National Science Foundation, Division of Mathematical Sciences Committee of Visitors briefing. August 17th, 2016.

Javier Rojo (2016). (Invited talk) Classification of Distributions by Tail Heaviness. International Indian Statistical Association, August 2016, Oregon State University.

Javier Rojo (2016). (Invited Talk) Dimension reduction in the context of survival analysis. SACNAS National Conference, Long Beach, CA October 2016.

Javier Rojo (2016). Conversations with scientists – SACNAS National Conference, Long Beach, CA

Javier Rojo (2016). (Invited Talk) The Tale of Heavy Tails. Colloquium – Department of Mathematics, Cal State Fullerton. October 2016.

Javier Rojo (2016). (Invited talk) Research for Undergraduates Summer Institute of Statistics at the University of Nevada, Reno. Department of Mathematics, Cal State Fullerton, October 2016.

Javier Rojo (2016). (Invited talks) Research for Undergraduates Summer Institute of Statistics, a talk delivered to six different groups of mathematics and statistics students at The University of Texas, El Paso, October 31st – November 3rd.

Javier Rojo (2016) Research for Undergraduates Summer Institute of Statistics, a series of talks at Texas State San Marcos, University of Texas at San Antonio, and Trinity University, November 20th – 22nd.

Javier Rojo (2017). (Invited talk) A tale of heavy tails. Texas State University, San Marcos Texas, January 26th.

Javier Rojo (2017). (Invited talk). A tale of heavy tails. Mathematics Department, University of Arizona. March 6th.

Javier Rojo (2017). (Invited talk). The funding and research landscape in the mathematical and statistical sciences. Mathematics Department, University of Arizona, March 7th.

Javier Rojo (2017). (Invited talk). Microarray data: dimension reduction strategies in the context of survival analysis. School of mathematical and statistical sciences, University of Texas Rio Grande Valley, March 24th.

Javier Rojo (2017). (Invited talk). “A vision for the future of mathematical and statistical research and funding”. School of mathematical and statistical sciences, University of Texas Rio Grande Valley, March 23rd.

Javier Rojo (2017). Speaker during the “Mi Familia Weekend” event, Corvallis Oregon, May 12th.

Javier Rojo (2017). A tale of heavy tails. Statistics Department, Oregon State University, May 22nd

Javier Rojo (2017). Presidential Invited Address, WNAR meeting, Santa Fe, NM, June 26th.

Javier Rojo (2017). “Research for Undergraduates Summer Institute of Statistics at Oregon State University”. University of Texas at El Paso and the El Paso Community College, June 28th – June 30th.

Javier Rojo (2018). “Research for Undergraduates Summer Institute of Statistics at Oregon State University”. University of Texas at El Paso, February 12th – February 16th.

Javier Rojo (2018). "Research for Undergraduates Summer Institute of Statistics at Oregon State University". Texas State University, University of Texas -- San Antonio, and St. Mary's University. March 19th – March 21st.

Javier Rojo (2018). Plenary Speaker during the International Conference on Advances in Interdisciplinary Statistics and Combinatorics. University of North Carolina, Greensboro. October 6-8.

Javier Rojo (2018). Keynote Speaker for the Statistics Workshop being organized by SAMSI during the 2018 SACNAS meeting. October 11-13.

GRANTS/CONTRACTS

CURRENT

Javier Rojo, Principal Investigator (2015-2019). RUSIS@OSU competitive renewal. Funded by The National Science Foundation, \$398,000.

Javier Rojo, Principal Investigator (2018-2019). RUSIS@OSU competitive renewal. Funded by The National Security Agency, \$124,900.00.

Javier Rojo, Principal Investigator (2014-2018). Collaborative proposal with Rice University (PI, Leonardo Dueñas-Osorio). Unraveling the Limits of Computation in Structural and Infrastructure Engineering. Funded by The National Science Foundation, \$180,000.

PENDING

Javier Rojo, Principal Investigator (2018-2022). Research And Mentoring Synthesis in Statistical and Data Sciences, RAMSIS-DS. Proposed budget \$3.1 million.

PAST

Proposal submitted to the National Research Council Board on Mathematical Sciences and Office of Naval Research to attend the cutting Edge Workshop on Statistics Time Series Analysis Signal Processing, Texas A&M and University of Texas at Austin, funded, May-June 1986.

Javier Rojo, Principal Investigator. "Optimality Criteria for L-unbiased Estimators and the Existence of Rao-Blackwell Theorems." Proposal funded by **the National Science Foundation**, Aug. 86 - Dec. 90, \$92,000.

Proposal to attend the 1987 NSF summer research conference on stochastic processes. Funded by AMS-SIAM for travel expenses and lodging.

Arturo Bronson, Javier Rojo, Shailendra Varma, Principal Investigators. "Transient Electrochemical Response of Fe-Ni-Cr Surfaces when Depasivated with a Controlled Scribe." Proposal submitted to the Minority Research Center for Excellence Program of the **National Science Foundation**. Funded Oct. '87-Sept. '92, \$1,052,000.

Javier Rojo, Principal Investigator. "The Estimation of the Point of Incipient Deterioration and a Class of Life Distributions with Applications to Cannibalization." Funded by **Air Force Office of Sponsored Research**, Aug. '89 - Dec. '92, \$47,000.

Javier Rojo, Principal Investigator. "Some curious Properties of Bayes Decision Procedures and Estimation of the Shape Parameter of a Distribution with Exponential Tails." Funded by **The National Science Foundation** under creativity extension program, Jan. '90-Dec, '92, \$112,000.

Javier Rojo (Principal Investigator). "Estimating Lifetime Distributions when Subjects are Exposed to a Hazardous Environment", Funded by **The National Institutes of Health**, June '91 - May '95, \$248,000.

Javier Rojo (Principal Investigator and Director). "The BioStatistical Laboratory", Funded by **The National Institutes of Health**, Oct. '92-Sept. '97, \$951,769.

Arturo Bronson (PI) Javier Rojo, Shailendra Varma (Co-PIs). "Corrosive Wear of Fe-Ni-Cr Alloys" **The National Science Foundation**. Funded Oct. '93-Sept. '98, \$528,134.

Javier Rojo, Principal Investigator.- Statistics and Probability Program Director, **The National Science Foundation**, September 1997 – September 1999.

Javier Rojo, Principal Investigator.- "Nonparametric Inference Under Order Constraints for Complete and Censored Data: Materials Science Applications", Funded by **NASA**, \$297,000

Javier Rojo, Principal Investigator.- Conference proposal submitted to NSF for the conference "Nonparametrics in Large, Multidimensional Data Mining", Southern Methodist University, Dallas, Texas January 12 - 13, 2001. As proposal was to be administered by SMU, the proposal was submitted under the co-Pi's name only.

Javier Rojo.- RUUAIS – Rice University Undergraduate Award in Statistics. Funded by the Vice-Provost in Graduate Studies, Jordan Konitsky. \$7,850.

Javier Rojo, Principal Investigator.- Research Experiences for Undergraduates. Funded by NSF and NSA -- \$384,000.00 NSF, \$240,000 NSA, 2003 – 2006.

Javier Rojo, Principal Investigator, Conference grant, \$16,000, NSF, for the Second Erich Lehmann Symposium.

Javier Rojo, Principal Investigator, NSA, REU supplemental, \$25,000, June 2005.

Javier Rojo, Principal Investigator.- "Pure-tail and partial orderings of distributions with applications to the behavioral and economic sciences", **NSF**, \$300,000, Sept 2005 – August 2009.

Javier Rojo, Principal Investigator.- Research Experiences for Undergraduates. Funded by NSF (\$390,000) for 3 years, and NSA annual renewal funded for \$300,000 to continue with the Rice University Summer Institute of Statistics, 2006 – 2009.

Javier Rojo (2006) The 3rd Erich L Lehmann Symposium -- Optimality, approved by the **MSRI** scientific advisory committee to be held at Berkeley's **MSRI** in May 2007 \$5,000. Eventually moved to Rice University.

Javier Rojo (2006) Proposal to **Pfizer** to support the 3rd Lehmann Symposium. Funded for \$10,000.

Javier Rojo (2007) Principal Investigator, Conference grant, \$18,000, **NSF**, The Third Erich Lehmann Symposium. Co-funded also by MD Anderson Cancer Center, The Gulf Coast Consortia, SAMSI, and the Texas School of Public Health.

Javier Rojo (2007) Principal Investigator, Proposal for a Strategic Initiative, **ASA board of Directors**. Approved for \$12,500. Organized a StatFest for undergraduate students and two technical sessions during the SACNAS national meeting in Kansas City.

Javier Rojo, Principal Investigator (2007)- Research Experiences for Undergraduates. Funded by **NSA** annual renewal for \$97,000 to continue with the Rice University Summer Institute of Statistics.

Javier Rojo, Principal Investigator (2008)- Research Experiences for Undergraduates. Funded by **NSA**. Competitive renewal funded for two years for \$215,000 to continue with the Rice University Summer Institute of Statistics.

Javier Rojo, Principal Investigator (2008).- Pan-American Advanced Studies Institute (PASI). Funded by NSF. Institute to be held at Centro de Investigación en Matemáticas, CIMAT, summer 2010, and in Xalapa, Veracruz Summer 2011, \$90,000.

Javier Rojo, Principal Investigator (2009).- RUSIS competitive renewal. Funded by NSF for three more years 2009-2012, \$405,000.

Javier Rojo, Principal Investigator (2010)- Research Experiences for Undergraduates. Funded by **NSA**. Competitive renewal for two years for \$215,000 to continue with the Rice University Summer Institute of Statistics.

Javier Rojo (2010) Proposal to **Pfizer** to support the 4th Erich Lehmann Symposium to be held in 2011. Funded for \$9,900.

Javier Rojo (2010) Principal Investigator, Conference grant, \$25,000, funded by **NSF**, The 4th Erich Lehmann Symposium to be held in 2011. Co-sponsored by the MD Anderson Cancer Center.

Javier Rojo, Principal Investigator (2012-2014). RUSIS competitive renewal. Funded by **The National Science Foundation**, \$290,000.

Javier Rojo, Principal Investigator (2012-2014). RUSIS competitive renewal for two more years. Funded by The National Security Agency, \$276,000.

Javier Rojo, Principal Investigator (2015-2016). RUSIS@UNR competitive renewal for two more years. Funded by The National Security Agency, \$221,000.

Javier Rojo, Principal Investigator (2014-2015). RUSIS@UNR competitive renewal. Funded by The National Security Agency, \$113,500.

Javier Rojo, Principal Investigator (2016-2017). RUSIS@UNR competitive renewal. Funded by The National Security Agency, \$90,000.

TEACHING/MENTORING ACTIVITIES

All the courses listed in the following table are three contact-lecture hours per week, except for the independent studies and theses. An asterisk by the course number denotes a special course designed to accommodate students from other departments. Besides the courses shown here, and due to funding which paid for part of my salary while at the University of Texas at El Paso, I was able to direct several undergraduate and graduate students in my research projects. Tables illustrating my teaching activities follow:

UNIVERSITY OF TEXAS EL PASO January 1984 – December 2000		
Spring 1984 (# students)	Summer 1984 (# students)	Fall 1984 (# students)
Stoch. Proc. Stat 3586 (8)	College Alg. Math 3106 (29)	Intr. to Stat. Stat 3480 (40)
Intr. to Prob. Stat 3330 (35)	Intr. to Prob. Stat 3330 (33)	Bussin. Math Math 3120 (57)
	Appl. Analy. Math 3335 (34)	Linear Models Stat 3584 (7)
Spring 1985	Summer 1985	Fall 1985
Time Series Stat. 3591 (9)	College Alg. Math 3106 (54)	Linear Models Stat 3584 (6)
Intr to Prob. Stat 3330 (44)	Intr to Prob. Stat 3330 (27)	Intr to Stat. Stat 3480 (12)
Intr to Prob. Stat 3330 (16)	Intr Anal Bus Math 3201 (64)	Intr to Stat Stat 3280 (49)
Cont Ed. Algebra (20)	Cont Ed Algebra (23)	
Spring 1986	Summer 1986	Fall 1986
Stoch. Proc. Stat 3586 (8)	Calculus Math 3212 (37)	Intr to Stat Stat 3480 (10)
Intr to Prob. Stat 3330 (10)	College Alg. Math 3106 (43)	Probability Stat 3580 (11)
Intr to Prob. Stat 3330 (8)	College Alg. Math 3106 (16)	NSF funded release time
Spring 1987	Summer 1987	Fall 1987
Intr to Stat Stat 3280 (16)	College Alg. Math 3106 (49)	Intr to Stat Stat 3280 (30)
Statistics Stat 3581 (10)		Stat for Rsrch* Stat 3585 (10)
NSF funded salary	NSF funded salary	NSF funded salary
Spring 1988		Fall 1988
Intr to Stat Stat 3330 (6)		Intr Stat Stat 3280 (50)
Stoch Proc Stat 3586 (13)		Linear Models Stat 3584 (8)
Indep Grad Study -- He (1)	NSF funded salary	Stat 3598 Thesis -- He (1)
NSF funded salary		NSF funded salary
Spring 1989		Fall 1989
Time Series Stat 3591 (6)		Intr to Prob. Stat 3330 (21)
Thesis -- He (1)	NSF and NIH funded salary	Thesis -- Viramontes (1)
NSF and NIH funded salary		NSF and NIH funded salary
Spring 1990	Summer 1990	Fall 1990
Nonparametrics Stat 3590 (4)	Ind Stdy Math 3570-- Ma (1)	Thesis -- Ma (1)
NSF and NIH funded salary	NSF and NIH funded salary	NSF and NIH funded salary
Spring 1991	Summer 1991	Fall 1991
Intr Prob Stat 3330 (14)	Thesis -- Ma (1)	NSF and NIH funded salary
Thesis -- Ma (1)	NSF and NIH funded salary	
NSF and NIH funded salary		
Spring 1992	Summer 1992	Fall 1992
Stoch Proc Stat 3586 (8)	Ind Stdy Math 3570 Wang (1)	Thesis -- Wang (1)
NSF and NIH funded salary	NSF and NIH funded salary	MRCE, MBRS, RCMI release time
		Paid by NIH and NSF grants
		Director, BioStatistical

		Laboratory
Spring 1993	Summer 1993	Fall 1993
Intr to Stat Stat 3480 (8)	Thesis -- Wang (1)	Intr Prob Stat 3330 (16)
Thesis -- Wang (1)	Ind Stdy -- Thompson (1)	Thesis -- Thompson (1)
Ind Stdy -- Thompson (1)	Director, BioStatistical Laboratory	Director, BioStatistical Laboratory
Director, BioStatistical Laboratory	NSF and NIH funded salary	NSF and NIH funded salary
NSF and NIH funded salary		
Spring 1994	Summer 1994	Fall 1994
Lab for 3280 Stat 1282 (24)	Thesis -- Thompson (1)	MRCE, RCMI, MBRS release time paid
Lab for 3280 Stat 1282 (25)	Director, BioStatistical Laboratory	By grants from NIH and NSF
Lab for 3280 Stat 1282 (22)		Director, BioStatistical Laboratory
Thesis -- Thompson (1)		
Director, BioStatistical Laboratory		
NSF and NIH funded salary		
Spring 1995	Summer 1995	Fall 1995
Statistics 3280 (35)	Ind Sty Joaquin Urbina	Statistics 3580 (10)
Ind Stdy 3570 -- Joaquin Urbina	Director, BioStatistical Laboratory	Ind Stdy Alex Kroll, Pat Lechuga
Director, BioStatistical Laboratory	NSF and NIH funded salary	Director, BioStatistical Laboratory
NSF and NIH funded salary		NSF and NIH funded salary
Spring 1996	Summer 1996	Fall 1996
Statistics 3581 (5)	Master Theses: Joaquin Urbina,	Master Theses: Alan Mabry and
Master Thesis: Joaquin Urbina	Alan Mabry, Weishi Yuan	Weishi Yuan
Undergrad Students: Lizeth Veliz	NSF support: MRCE	Stat 3586 (8)
Efren Tarango, Ricardo Saenz	Director, BioStatistical Laboratory	Undergrad Students: Lizeth, Efren
Director, BioStatistical Laboratory		Director, BioStatistical Laboratory
Spring 1997	Summer 1997	Fall 1997
Statistics 3330 (21)	Master Theses (2) -- Mabry, Yuan	Statistics 1282 (55) – 3 sections
Master Theses (2) -- Mabry, Yuan	Director, BioStatistical Laboratory	Math 1595 (14)
Director, BioStatistical Laboratory	NSF support: MRCE	NSF Statistics Program Director
		NSF: MRCE Co-PI
Spring 1998	Summer 1998	Fall 1998--Southern Methodist Univ
Statistics 1282 – 3 sections	Directed Sergio Juarez MS thesis	Business Statistics (35)
NSF Statistics Program Director	NSF Statistics Program Director	Business Statistics (35)
Directed Sergio Juarez MS thesis		Directed Sergio Juarez MS thesis
		NSF Statistics Program Director
Spring 1999—Southern Methodist	Summer 1999	Fall 1999
Ph.D. Survival Analysis (7)		Math 1320 (42)
Ph.D. Level Decision Theory (8)	NSF Statistics Program Director	Math 1320 (40)
NSF Statistics Program Director	NSF funded salary	Stat 1380 (25)

Spring 2000	Summer 2000	Fall 2000
Math 1320 (31)	Raul Cruz MS Thesis	Stochastic Processes 5386 (7)
Stat 3330 (17)	Enrique Villa PhD Thesis	
Stat 3480 (17)		Statistics Graduate Advisor
Statistics Graduate Advisor		Graduate Student Recruiting
Raul Cruz MS thesis		
RICE UNIVERSITY January 2001 -- Present		
Spring 2001	Summer 2001	Fall 2001
Jose Luis Batun PhD thesis (CIMAT)	Jose Luis Batun PhD Thesis (CIMAT)	Chair, Graduate Student Recruiting
Co-Chair, Co-Organizer 1 st Erich Lehmann Symposium		Statistics 431/531 (25)
		Committee on scholarships and awards
		National Academy of Sciences Committee
Spring 2002	Summer 2002	Fall 2002
Chair, Graduate Student Recruiting	Josue Noyola Martinez Summer project	Chair, Graduate Student Recruiting
Statistics 432/532 (16)	Richard Ott PhD Thesis	Statistics 533 (16)
Committee on scholarships and awards	Musie Ghebrenmichael PhD Thesis	Committee on scholarships and awards
Biostatistics Liaison Committee		Statistics 547 (15)
Richard Ott PhD Thesis		Biostatistics Liaison Committee
Musie Ghebrenmichael PhD Thesis		Richard Ott PhD Thesis
National Academy of Sciences Committee	National Academy of Sciences Committee	Musie Ghebrenmichael PhD Thesis
		National Academy of Sciences Committee
Spring 2003	Summer 2003	Fall 2003
Chair, Graduate Student Recruiting	RUSIS REU project (19 Students)	Chair, Graduate Student Recruiting
	Richard Ott PhD Thesis	Statistics 533 (8)
Committee on scholarships and awards	Musie Ghebrenmichael PhD Thesis	Committee on scholarships and awards
Biostatistics Liaison Committee		Statistics 310 (65)
Richard Ott PhD Thesis		Biostatistics Liaison Committee
Musie Ghebrenmichael PhD Thesis		Richard Ott PhD Thesis
National Academy of Sciences Committee	National Academy of Sciences Committee	Musie Ghebrenmichael PhD Thesis
Editor Vol 44 IMS LNMS	Editor Vol 44 IMS LNMS	Editor Vol 44 IMS LNMS
		National Academy of Sciences Committee
Program Chair/Organizer 2 nd Erich Lehmann Symposium	Program Chair/Organizer 2 nd Erich Lehmann Symposium	Program Chair/Organizer 2 nd Erich Lehmann Symposium
Spring 2004	Summer 2004	Fall 2004

Member Graduate Student Recruiting	RUSIS REU project (17 Students)	Stat 310 (68)
Jose Luis Batun PhD Thesis	Richard Ott PhD Thesis	Richard Ott PhD Thesis
Program Chair and Organizer 2nd Erich Lehmann Symposium	Jose Luis Batun PhD Thesis	Jose Luis Batun PhD Thesis
Richard Ott PhD Thesis	Chair ASA committee on Fellows	Extreme Value Theory (8)
Musie Ghebrenmichael PhD Thesis	Musie Ghebrenmichael PhD Thesis	
National Academy of Sciences Committee	National Academy of Sciences Committee	National Academy of Sciences Committee
Advanced Survival Analysis (10)	Editing of Volume for the 2 nd Erich Lehmann Symposium	Editing of Volume for the 2 nd Erich Lehmann Symposium
Spring 2005	Summer 2005	Fall 2005
Survival Analysis	RUSIS REU project (17 Students)	Chair Colloquium
Jose Luis Batun PhD Thesis	Richard Ott PhD Thesis	Advanced Survival Analysis
Daniel Covarrubias PhD Thesis	Daniel Covarrubias PhD Thesis	Graduate Seminar
Richard Ott PhD Thesis	Charlotte Hsieh PhD Thesis	Daniel Covarrubias PhD Thesis
Charlotte Hsieh PhD Thesis	Musie Ghebrenmichael PhD Thesis	
National Academy of Sciences Committee	NAS IOM Committee	NAS IOM Committee
Editing of Volume for the 2 nd Erich Lehmann Symposium	Editing of Volume for the 2 nd Erich Lehmann Symposium	Editing of Volume for the 2 nd Erich Lehmann Symposium
Spring 2006	Summer 2006	Fall 2006
Stat 310 (42)	RUSIS REU project (17 Students)	Advanced Statistical Inference
Tuan Nguyen PhD thesis	Tuan Nguyen PhD thesis	Extreme Value Theory
NAS IOM Committee	NAS IOM Committee	NAS IOM Committee
		Tuan Nguyen PhD thesis
Editing of Volume for the 2 nd Erich Lehmann Symposium	Fund-raising and planning For 3 rd Lehmann Symposium	Fund-raising and planning For 3 rd Lehmann Symposium
Spring 2007	Summer 2007	Fall 2007
Tuan Nguyen PhD thesis	Tuan Nguyen PhD thesis	On Sabbatical
Survival Analysis (23 student)	RUSIS REU project (16 students)	
Graduate admissions committee		Tuan Nguyen PhD thesis
Fund-raising and organizing for the 3rd Erich Lehmann Symposium	Editing of the refereed volume of 3 rd Lehmann Symposium	Editing of the refereed volume of 3rd Lehmann Symposium
Spring 2008	Summer 2008	Fall 2008
On Sabbatical	Tuan Nguyen PhD thesis	Tuan Nguyen PhD thesis
Tuan Nguyen PhD thesis	RUSIS REU project (17 students)	Extreme Value Theory
Editing refereed volume of 3 rd Lehmann Symposium	Editing refereed volume of 3 rd Lehmann Symposium	Editing refereed volume of 3 rd Lehmann Symposium
Editor Journal of Nonparametric Statistics	Editor Journal of Nonparametric Statistics	Editor Journal of Nonparametric Statistics
Editor Collected works of Erich Lehmann	Editor Collected works of Erich Lehmann	Editor Collected works of Erich

		Lehmann
Organizer & chair: PanAmerican Advanced Studies Institute CIMAT	Organizer & chair: PanAmerican Advanced Studies Institute CIMAT	Organizer & chair: PanAmerican Advanced Studies Institute CIMAT
Spring 2009	Summer 2009	Fall 2009
Tuan Nguyen, David Kahle PhD thesis	Tuan Nguyen, David Kahle PhD thesis	Tuan Nguyen, David Kahle PhD theses
Statistics 532	RUSIS REU (14 students)	Statistics 533
Editing refereed volume of 3 rd Lehmann Symposium	Editing refereed volume of 3 rd Lehmann Symposium	
Editor Journal of Nonparametric Statistics	Editor Journal of Nonparametric Statistics	Editor Journal of Nonparametric Statistics
Editor Collected works of Erich Lehmann	Editor Collected works of Erich Lehmann	Editor Collected works of Erich Lehmann
Organizer & chair: PanAmerican Advanced Studies Institute CIMAT	PanAmerican Advanced Studies Institute CIMAT: postponed H1N1	
Spring 2010	Summer 2010	Fall 2010
David Kahle PhD Thesis	David Kahle PhD Thesis	David Kahle PhD Thesis
Statistics 331 (Applied Prob)	RUSIS REU site (17 students)	Organizer 4 th Lehmann Symposium and The Second Pan-American Advanced Studies Institute
Statistics 647 (Advanced Survival)	PanAmerican Advanced Studies Institute	Jaime Ramos PhD Thesis
Editor Journal of Nonparametric Statistics	Editor Journal of Nonparametric Statistics	Editor Journal of Nonparametric Statistics
Editor Lehmann Collected works	Editor Lehmann Collected works	Editor Lehmann Collected works
Spring 2011	Summer 2011	Fall 2011
Jaime Ramos and David Kahle PhD Theses	Jaime Ramos and David Kahle PhD Theses	Jaime Ramos PhD Thesis
Statistics 331 (Applied Prob)	RUSIS REU 2011 (18 students)	Statistics 533 (Theoretical Statistics II)
Statistics 532 (Theoretical Statistics)		Postdocs – Addy Bolivar Cime and Gabriel Escarela
Editor Collected works of Erich Lehmann	Editor Collected works of Erich Lehmann	Editor Collected works of Erich Lehmann
Organizer and Chair 4 th Lehmann Symposium and The Second Pan-American Advanced Studies Institute Xalapa, Veracruz	Organizer and Chair 4 th Lehmann Symposium and The Second Pan-American Advanced Studies Institute Xalapa, Veracruz	Member of University's Examinations and Standing Committee
Spring 2012	Summer 2012	Fall 2012
Library committee	RUSIS REU (12 students)	Library committee
Chair, statistics qualifier exams Stat 331 Applied probability		Member, search committee

Stat 647 Advanced survival analysis		
Spring 2013	Summer 2013	Fall 2013
Library committee	RUSIS REU (12 students)	Organizer & Co-Chair StatFest
Member qualifier exams committee		Library committee
Stat 331 Applied probability		Advanced Economics Stat 604
Stat 647 Advanced survival analysis		
	UNIVERSITY OF NEVADA RENO	
	Jan. 1, 2014 – Dec. 31st, 2017	
Spring 2014	Summer 2014	Fall 2014
Department Chair Search – hired four new faculty Hired two new staff	Department Chair RUSIS@UNR (10 students)	Department Chair Introduction to Stochastic Processes
Spring 2015	Summer 2015	Fall 2015
Department Chair Self-study report and Program Review Ph.D. pre-proposal Search committees – hired two assistant professors	Department Chair RUSIS@UNR (5 students) Rashidul Hasan MS Thesis Yang Zhu MS Thesis Search -- hired two permanent lecturers Search – extended studies lecturer	Department Chair Rashidul Hasan MS Thesis Yang Zhu MS Thesis Teach Stat 467 Teach Stochastic Models 753
Spring 2016	Summer 2016	Fall 2016
Department Chair Ph.D. Proposals Search committees – hired two assistant professors Teach Math Stats 754 Independent Studies	Department Chair RUSIS@UNR (10 students) Rashidul Hasan MS Thesis completed Yang Zhu MS Thesis Search -- hired two postdocs	Department Chair Implementation of PhD programs Yang Zhu MS Thesis Jeffrey Mei Research assistant Adam Kiro Singh, Edgar Martinez, Jace Gilbert undergraduate independent studies.

OREGON STATE UNIVERSITY			
January 1, 2017 -- Present			
Winter Term 2017	Spring Term 2017	Summer Term 2017	Fall Term 2017
Data Analytics Program reviewer	Statistics 563	RUSIS@OSU 2017	Statistics 663 Advanced Theory of Statistics III
Transfer of two NSF proposals	Statistics 662 Advanced Theory of Statistics II		Chair, awards committee. Search committee, data analytics director Promotion and tenure committee Advisor for five incoming graduate students
Jeffrey Mei's MS thesis UNR	Jeffrey Mei's MS Thesis UNR		Jeffrey Mei's MS Thesis UNR

The following table provides the information on the students supported by my research projects while at the University of Texas at El Paso. My teaching duties in directing these students included teaching them basic principles of programming in Mathematica, some statistical packages, basic principles of computer networks, and basic principles of Latex. Several students have presented work at Regional and National meetings.

	Undergraduate Students	
	Names -- Departments	Activities
Spring and Summer 1990	Marissa Gonzalez -- Comp Sci	Set up of a local area computer Network based on a DecStation 3100
September 1989 - March 1990	Amado Luna -- Elec Eng	Set up of a local area computer Network based on a DecStation 3100
December 1989 - August 1991	Carmen Thompson -- Stat	Numerical solutions of differential equations
Spring 1992	Leonel Saldivar -- Stat	Computer simulation work
Sept 1991 -- Sept 1992	Claudia Dominguez -- Stat	Mathematica programming
October 1991 -- January 1993	Julian Viera -- Math	Simulations for Survival analysis research
October 1992 - July 1993	Raul Meza -- Elec Eng	Mathematica programming
January 1993 - August 1993	Raquel Alba -- Math	Statistical Problems in Mol. Bio.
October 1993 -- May 1994	Antonio Ituarte -- Math	Numerical Solutions of differential equations
January 1994 -- September 1994	Irene Richardson -- Elec Eng	Numerical Solutions of differential equations
September 1995 --	Lizeth Veliz -- Mathematics	Computer simulations
August 1995 -- May 1996	Diana Garcia -- Mathematics	Computer simulations
August 1994 -- May 1996	Patrick Lechuga -- Mathematics	Mathematica programming
June 1996 -- Nov 1997	Efren Tarango -- Mathematics	Numerical Solution of PDE's
June 1997 -- Aug 1999	Grecan Hinojos	Mathematica Programming
November 1997 -- Dec 1998	Nidia Garcia	Computational Support
January 2000 -- May 2000	Brisa Sanchez	Analysis of glucose data
September 2000 - Present	Wendy Ahumada	Computational Support
	Graduate Students (UTEP)	
Sept 1984 - December 1984	Mineshyong Lin -- Stat	Fortran Programming
Sept 1988 -- July 1989	Daniel Vallejo -- Stat	Calculation of Ohmic Potential Drop by Laplace's Equation
July 1989 -- January 1990	Jorge Viramontes -- Math	Calculation of Ohmic Potential Drop by Laplace's Equation
July 1989 -- January 1990	Victor Carrillo -- Math	Computer simulations
January 1990 -- May 1990	Alejandro Ortiz -- Math	Solutions of Laplace's Equation
Sept 1990 -- July 1991	Zheng Ma -- Stat	Estimation of Stochastically Ordered Survival Functions
June 1990 -- August 1991	Mario Borunda -- Stat	Taylor series solutions to

		Laplace's Equation
Sept 1991 -- August 1992	Leslie Acosta	Bivariate Probability Models
Summer 1992	Jinping Wang -- Stat	Tests for Dispersive Order
Sept 1991 -- August 1992	Carmen Thompson -- Stat	Estimation of Star-Shaped Survival Functions
May 1996 -- May 1997	Alan Mabry	Nonparametric Quantitative Trait Linkage Analysis
January 1996 -- May 1997	Weishi Yuan	Estimation of Bivariate Survival Functions under Censoring
January 1995 – May 1997	Joaquin Urbina -- Stat	Characterizations of the Exponential Distributions and Modeling of Corrosion Processes
January 1998 – August 1999	Sergio Juarez	Modeling and Inferences for Ozone Levels Based on Exceedances over a threshold.
September 2000 – January 2001	Raul Cruz Cano	Computational Support MCMC, Neural Networks research
	Graduate Students (Rice)	
September 2001 – May 2005	Rick Ott	Extreme values and Tails of Distributions
January 2002 – July 2004	Musie Ghebremichael	Mean Residual Lifetime Estimation
Summer 2002	Josue Loyola Martinez	Numerical problems in Electrochemistry
January 2005 – April 2006	Daniel Covarrubias	Dose response surfaces
January 2005 – December 2006	Charlotte Hsieh	Mutation Rates
January 2005 – December 2009	Tuan Nguyen	Microarray – Survival Analysis
August 2006 – September 2007	Alejandro Cruz	Advisor
August 2006 -- September 2007	Luis G. Leon	Advisor
August 2008 – December 2010	Jaime Ramos	Advisor
August 2008 – May 2011	David J. Kahle	Minimum distance estimation in categorical conditional independence models

DIRECTION OF THESES

- Member of several Master's Theses Committees in Biology, Civil Engineering, Nursing, Geology, Statistics, Psychology, and Metallurgical Engineering.

Directed the following Master's Theses: (UTEP – No PhD program at UTEP)

Guo Zhong He (Statistics) May 1989: Characterizations of the Dispersive Ordering. Ph.D. University of California at Davis. Currently working for the California Department of Public Health and University of California, San Francisco.

Zheng Ma (Statistics) June 1991: Estimation of Stochastically Ordered Survival Functions. Ph.D. Yale University. Currently Chief International Operations Officer, China Medical System Holdings Ltd

Jinping Wang (Statistics) August 1993: Asymptotic Relative Efficiencies and Optimality Properties of Certain Tests for Dispersive Ordering. Ph.D. Southern Methodist University. Currently Director of Biostatistics at Eisai Pharmaceuticals

Carmen Thompson (Statistics) August, 1994: Some Mathematical and Statistical Problems in Corrosive Wear.

Weishi Yuan (Statistics) May 1997: Estimation of Bivariate Survival Functions Under Censoring. Ph.D. Johns Hopkins University, 2005. Currently a Mathematical Statistician at the Food and Drug Administration, Washington, D. C.

Alan Mabry (Statistics) May 1997: Genetic Linkage Mapping Using Kernel Density Estimation.

Sergio Juarez (Statistics) May 1999: Some new properties of the generalized Pareto distribution with applications to the analysis of trend in the levels of contaminants. PhD SMU 2003. Currently a faculty member at the Universidad Veracruzana, México.

Raul Cruz Cano: MCMC and Neural Networks May 2001. I directed the thesis but because of my departure from UTEP, another faculty member was the Director of record. PhD UTEP 2006. Currently, Research Assistant Professor, Department of Epidemiology & Biostatistics, School of Public Health, University of Maryland College Park.

Directing the following Master's Theses @ UNR: (UNR – No PhD program at UNR)

Rashidul Hasan (August 2016) – Estimation of tail indices of heavy-tailed distributions.

Yang Zhou (December 2016) – Random matrices and dimension reduction.

Directed the undergraduate honors thesis – Jeffrey Mei (September 2015 – April 2016).

Currently directing Jeffrey Mei's MS thesis.

Directed the following Ph.D. dissertations:

CIMAT

Enrique Villa Diharce (Statistics): Centro de Investigación en Matemáticas (CIMAT), Guanajuato, Gto. Estimation and Modeling of Dependence Functions in the Bivariate Extreme Case, June 1999. Dr. Villa is currently a tenured faculty at CIMAT

José Luis Batún (Statistics): CIMAT, May 2005. Nonparametric Bivariate Survival Function Estimation. Dr. Batun is currently a tenure-track faculty at the Universidad de Merida, Yucatan, August 2005.

RICE

Musie Ghebremichael (Statistics): Bivariate Mean Residual Lifetime Function Estimation, May 2005. Dr. Ghebremichael is assistant professor of medicine in the Massachusetts General Hospital.

Richard Charles Ott (Statistics): Extreme Value theory and Tails of Distributions, May 2005. Dr. Ott is currently a tenure track assistant professor in the mathematics department, Mesa State College, Grand Junction, Colorado.

Tuan Nguyen (Statistics) May 2010. Dimension reduction methods with applications to high dimensional data with censored response. Currently a research scientist at Eli Lilly.

David Kahle (Statistics) May 2011. Minimum distance estimation in categorical conditional independence models. Currently a tenure-track assistant professor, Statistical Sciences Dept. Baylor University

Other additional mentoring activities

Rice University Summer Institute of Statistics (RUSIS) an NSF/NSA REU site. I have mentored 216 undergraduate students over the past 15 summers. Students come from various institutions from across the nation for an intensive 10-week summer research experience at Rice University, then at the University of Nevada at Reno and now at Oregon State University. I have also mentored 8 graduate students and 2 PostDocs who have helped me with the RUSIS program. I have directed 97% of all research groups – a total of 207 students of the 216 students who have attended RUSIS. About 85% of the students who have graduated are pursuing a Graduate degree in the statistical sciences, and some students have won awards for their research presentations in student national meetings. (AMS and SACNAS meetings). A list of students and their current positions (including 28 students who have obtained their Ph.D. degrees in the mathematical sciences) can be accessed in my webpage <http://wolfweb.unr.edu/~jrojo/>

The names and the institutions of the various students follow:

SUMMER 2003

Ivan Barrientos University of Arizona	Karl Calderon University of Arizona	Michelle La'Tresse Alcorn State
Angelita Denny University of Arizona	Juan Gallegos University of Houston	Beverly Gonzalez University of Illinois, Urbana
Jean M. Kongpinda Wabash College	Liliana Martinez University of St Thomas	Whitney A McIntyre University of Puget Sound
Neeraj Pradhan Columbia University	Adam Sales Johns Hopkins University	Jonathan Skowera Wheaton College
Che L Smith Spelman College	Venessa Tavares UC Berkeley	Tollie J. Thigpen III Alcorn State
David J Wilkerson University of Illinois, Chicago	Sarah Williams University of Colorado, Denver	Jaimie Chatman Rice University
Jerome Taylor Rice University		

SUMMER 2004

Enghin Atalay UC Berkeley	Erica Fields Spelman College	Rene Bernal University of Arizona
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Marissa Massey North Carolina Central	Yan Huang UC Berkeley	Kameco Mitchell UT Austin
David Kahle University of Richmond	Brian Schnitker Indiana Purdue	Brandon Perpich Allegheny College
Matthew Prigel University NY -- Buffalo	Greg Schrage Wabash College	Juan Gallegos University of Houston
Megan Schuler Tulane University	Tahira Saleem Bryn Mawr College	Jenny Fries North Dakota State
Andrea Runyan Stanford/UT Austin	Thien Nguyen UC San Diego	Daniel Covarrubias Rice University

SUMMER 2005

Stacey Ackerman Brown University	Cyrus Aghili Columbia University	William Bryant Texas Southern University
Jessica Faucett Wayland Baptist University	Ma Del Consuelo Garcia Texas State University	Stephanie Hicks Louisiana State University
Darren Homrighausen Univ of Colorado, Denver	Bethany Jablonski East Tennessee State Univ	David Kahle University of Richmond
John Ratanaprasatporn State Univ of NY, Binghamton	Dorian Smith University of Arizona	Chris Summitt University of Arizona
Alex Tongchinsub Allegheny College	Angela Watson BYU	Jasmine Williams Grambling State University
Diana Yen Rice University	Israel Zaragoza Texas State University	Rosa Bañuelos Rice University

SUMMER 2006

Dalton Baltimore Texas Southern University	Michael Caparoso University of Portland	Younjung Choi UC Berkeley
Emile Doering University of Arizona	Alan Fauller San Marcos Texas State	Amanda Fleck Grinnell College
Javier Gomez University of Texas, El Paso	Marco Lopez University of Arizona	Kanetra Moses Texas Southern University
Babatunde Oguntimein University of MD, Baltimore	Saulo Orizaga Univ. of TX, Pan-American	Lizette Ortega University of Arizona
Jaime Ramos University of Texas, El Paso	Imelda Rosas San Marcos, Texas State Univ	Jaclyn Scholl Providence College
Jasmine Williams Grambling State College	Azucena Zamora University of Texas, El Paso	

SUMMER 2007

David Murad Rice University	Imelda Rosas Texas St, San Marcos	Adi Hidayat Georgia Tech. University
Juan Carlos Moreno University of Arizona	Amy Faget Colorado State University	Galina Timoff University of Arizona
Jessica Jaynes California State, Fullerton	Russell Latterman Arizona State University	Christie Gonzales UNC, Asheville
Benin Fitzpatrick University of Michigan	Elizabeth Karam University of Dallas	Sonya Rahrovi Texas State, San Marcos
Rashid Thompson St Univ of NY Plattsburgh	Skyler Johnson University of Iowa	
Gabriel Moreno University of Arizona	Andrea Knezevic Cornell University	

SUMMER 2008

Victor Arzola El Paso Community College	Aileen Gaudinez Chapman University	Jorge Muriel University of Arizona
Stephen Brouillette Louisiana State University	Katie Griffin Loyola College in Maryland	Raymundo Navarrete University of Arizona
Greg Cepluch Xavier University	Kellie Hugman University of Dallas	Bianca Rodriguez UT, San Antonio
Whitney Coyle Murray State University	Abby Lauer Elon University	Juan Pablo Sagredo Cornell University
Desiree Davidson Cal State, Stanislaus	Dwight Lutz Trinity University	Paloma Valenzuela University of Houston
Isaac Fernandez UT El Paso	Crystal Moreno University of Washington	

SUMMER 2009

Victor Arzola El Paso Community College	Kathleen Li Rice University	Sara Peña Hollins University
Steven Collazos Binghamton University	Alegria Mitson-Salazar Grinnell College	Suzette Puente Cal State Fullerton
Michael Fischer UT Pan American	Britanny Mott University of Akron	Ezra Waxman Boston University
Miguel Angel Gonzalez UT Pan American	Charles Nguyen UT Arlington	Benjamin White University of Dallas

Asya Jones Spelman College	Daniel Padgett SUNY at Buffalo	
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SUMMER 2010

Abraham Engle Tulane University	Stephanie Craig University of Arizona	Rosa Lemus San Diego State, Imperial Valley
Steven Collazos Binghamton University	Anthony Capunay Univ Colorado, Denver	Luciano Rodriguez Chapman University
Diego Canales UT El Paso	Jaimie Sauls University of Arizona	Alexandra Indarte Macalester College
Megan Goldstein Gonzaga University	Derrick Sund University of Arizona	Cindy Luu Swarthmore College
Courtney S Bryant Spelman College	Jessica Aleman Mills College	Tracy Gonzalez Saint Mary's University
Irene Capers College of Saint Elizabeth	Ivvette Rios University of Arizona	

SUMMER 2011

Kunal Mangal University of Arizona	Shelby Cummings Wittenberg College	Stephanie Miller University of Alabama
Breanne Chryst University of Utah	Eden Ellis California State Fullerton	Janessa Roy University of Arizona
Lynette Guzman University of Arizona	Gregory Islas University of Arizona	Souad Sosa University of Texas Arlington
Mauricio Caceres University of Utah	Thomas Johnson North Carolina State University	David Valken University of Utah
Juan Barrera University of Texas Pan-American	Alexandra Larsen Centenary College	Jorge Vergara University of Arizona
Claire Baxter Trinity University	Michael McCarthy Southern Methodist University	Preston Walker Texas State San Marcos

SUMMER 2012

Carmen Couch El Paso Community College	Olga Saprycheva El Paso Community College	Javier Lorenzo Tapia St. Mary's University
Yesenia Guzmán St. Mary's University	Salvador Melendez Univ. Texas, San Antonio	Adaeze Ajoku University of Miami

Lorraine Feury Virginia Tech.	Sonia Ngo Mahop Howard University	Leonardo Palomera Cal State Long Beach
Anastasia Bergara Whittier College	Tyler Nelson Mesa State College	Edward Duran Northeast Lakeview College

SUMMER 2013

Noel Martinez University of Texas at El Paso	Adrian Carballeira University of Arizona	Rebekah Starks University of Arizona
Aracely Alcala St Mary's University	Maria Correa St Mary's University	Torey Tonche St. Mary's University
Sofia Velazquez Harvard University	Kelsey McCabe University of Arizona	McKenna R. Mettling Regis University
Evan Breikss Colorado School of Mines	Kourtney Howell Xavier University of Louisiana	Cristina Retamoza University of Arizona

SUMMER 2014

David Hiram Marquez University of Texas at El Paso	Paola Colmenares University of Arizona	Rosa Torres Texas A&M University
David Andrews University of Dallas	Amy Ko University of Minnesota	Salvador Cendejas University of Nevada, Reno
Daniel Healy Chapman University	Jeffrey Mei University of Nevada, Reno	Samantha Gutierrez University of Nevada, Reno
Nicole Arvidsson Georgia Regents University		

SUMMER 2015

Claressa Ullmayer University of Alaska, Fairbanks	Ivan Rodriguez University of Arizona	Michael Briden Pacific Lutheran University
Gary Thuc Nguyen University of California, Berkeley		Aleina Gibbons University of Nevada, Reno

SUMMER 2016

Oscar Chavira University of Nevada, Reno	Xavier Urrea University of Arizona	Benjamin Haffly Pacific Lutheran University
Jace Gilbert University of Nevada, Reno	Miranda Haviland Norfolk State University	Valarie Bañuelos University of Nevada, Reno

Brian Hudson University of Nevada, Las Vegas	Adam Kiro Singh University of Nevada, Reno	Edgar Martinez University of Nevada, Reno
Bryce Wimberly University of San Diego	Jeffrey Mei University of Nevada, Reno	

SUMMER 2017

Ariana Cavazos California State @ Fresno	Taylor Martins University of Arizona	Anna Cannon Occidental College
Alexis Gonzalez University of Texas, El Paso	Christina West University of Arizona	Enrique Gomez-Leos Texas State University
Jose Castillo University of Texas, El Paso	Carla Mae Asuncion California State @ Bakersfield	Sarah McIntyre Trinity University
Ricardo Palafox California State @ Fullerton	Jeffrey Mei University of Nevada, Reno	Zephyr Farah Duke University
Salvador Barragan Harvard University		

Summary data on number of students that are/have attended graduate school in the mathematical sciences after participating in RUSIS

10	# of Students	Lost Contact	Not yet graduated	Enrolled Graduate School	Professional Positions	Percentage Graduate School*	Percentage Graduate School**
2003	19	4	0	15	0	100%	79%
2004	18	3	0	14	1	93%	88%
2005	18	3	0	14	1	93%	83%
2006	17	4	0	13	0	100%	76%
2007	16	3	0	11	2	84%	78%
2008	17	1	0	13	3	81%	93%
2009	14	1	0	9	4	69%	93%
2010	17	1	0	8	8	50%	94%

2011	18	4	0	8	6	57%	78%
2012	12	1	2	6	3	66%	90%
2013	12	0	4	5	3	63%	100%
2014	10	0	7	3	0	100%	100%
2015	5	0	3	2	0	100%	100%
2016	11	0	10	1	0	100%	100%
2017	13	0	13	1	0	N/A	N/A
TOTAL	217	25	39	122	31	81%	86%

* Percentage computed considering only students who have graduated and have remained in contact. Students in a professional position are not included in the number of students who have attended graduate school.

** Includes students whose graduate plans are on hold while working in a technical position, and students who are no longer in contact. Assumes students no longer in contact are not in Grad school nor working in a technical position.

Summary demographic data for RUSIS participants for the past 13 years

RUSIS Cohort	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	TOTAL (%)
Males	10	9	8	9	8	8	8	6	9	5	4	5	3	9	7	108 (49%)
Females	9	9	10	8	8	9	6	11	9	7	8	5	2	2	6	109 (51%)
Minority	13	9	7	13	9	10	8	12	7	10	10	5	3	5	9	140 (65%)
Non-Minority	6	9	11	4	7	7	6	5	11	2	2	5	2	6	4	87 (35%)

COLLABORATIONS AND SUMMER STUDENT (RUSIS) ACCOMPLISHMENTS

1. Stacey Ackerman, REU summer student (Javier Rojo Advisor), won second place in the Mathematical Sciences poster competition at SACNAS 2005, with the poster “**Application of Dimension Reduction Methods to Microarray Data to Predict Survival Time**” See <http://www.ams.org/ams/ugradposters-sacnas05.html> Presented also at the Young Mathematicians Conference at Ohio State University in 2005.

<http://www.math.ohio-state.edu/conferences/ymc/2005/abstracts/AbsOfPres.pdf>

(Student collaborators: Israel Cabello, Cyrus Aghili, and John Ratana)

Stacey received honorable mention in the 2007 ASA Gertrude Cox Fellowship.

2. David Kahle, REU summer student (Javier Rojo Advisor), was a prize-winner in the 2006, Joint Mathematical Meetings of the AMS/MAA _ San Antonio, TX. with the poster “**An Investigation into Statistical Tests for Stochastic Dominance with Applications to Economic Decision Theory**”
(Other students in project: Darren W. Homrighausen)
3. 2005 Keck Annual Research Conference: Third place for the work “**Accounting for Fluoroquinolone Resistance in E. Coli**”, co-authored with Sonia Morgan-Linnell, Merry J. Maynard, E. Lynn Zechiedrich (BCM), Richard J. Hamill MD, Veterans Affairs Medical Center, and Charles E. Stager MD, Ben Taub General Hospital.
4. Vanessa Tavares and Jean Kongpinda (Javier Rojo, Advisor): Student poster award winners at the 2004 Joint Mathematics Meeting, with the poster “**Gene expression data and patient survival time**”. See <http://www.ams.org/ams/2004posterwinners.html>.
5. Abraham Engle won the contest “Who wants to be a mathematician” held at the National SACNAS meeting held in October 2010. The prize was \$2,000.00 See <http://www.ams.org/meetings/sacnas2010-mtg>
6. Alexandra Indarte (Macalester College) and Jaimie Sauls (University of Arizona) won \$500 cash awards for their poster presentations. See <http://www.ams.org/meetings/sacnas2010-mtg>
7. Lynette Guzman (University of Arizona) was an **Outstanding Presentation award winner**, at the 2012 Joint Mathematics Meetings MAA Undergraduate Poster Session. She presented the poster: "Optimizing Algorithm for Reliability Assessment of Radial Lifeline Systems". The project was directed by Javier Rojo.

The following table lists the RUSIS alumni who have obtained their Ph.D. degree.

RUSIS ALUMNI WITH Ph.D.

*** Indicates female; (H) indicates Hispanic; (AA) Indicates African-American; (VA) indicates Vietnamese-American**

Darren Homrighausen	Carnegie Mellon (2011)	Asst. Prof. Colorado State
Jonathan Skowera	ETH Zürich (2012)	ETH Zürich
Stacey Ackerman–Alexeeff *	Harvard University (2013)	Nat. Center Atm. Research
Saulo Orizaga (H)	Iowa State University (2014)	Post-Doc – U. of Arizona
Megan Schuler *	Johns Hopkins (2013)	Post-Doc Penn State
Liliana Martinez * (H)	Rensselaer Poly. Inst. (2014)	
Josue Noyola-Martinez (H)	Rice University (2008)	Deceased
Jamie Chatman * (AA)	Rice University (2009)	
Tuan Nguyen (VA)	Rice University (2010)	Eli Lilly
David Kahle	Rice University (2011)	Asst. Prof.-Baylor University
Rosa Bañuelos * (H)	Rice University (2013)	Baylor Medical School
Stephanie Hicks *	Rice University (2013)	Dana Farber Cancer Inst.

Jaime Ramos (H)	Rice University (2014)	Asst. Prof. – Ohio State Univ.
Elizabeth Karam Case *	Southern Methodist U (2013)	Private Company
Daisy Yan Huang *	UC Berkeley (2012)	Amazon
Jessica Jaynes *	UC Los Angeles (2013)	Asst. Prof. – Cal State Fullerton
Adam Sales	University of Michigan (2013)	Post-Doc--Carnegie Mellon
Bethany Jablonski Horton *	UNC Chapel Hill (2014)	Asst. Prof. U. of Virginia
Ivan Barrientos (H)	Universität Regensburg (2014)	
Enghin Atalay	University of Chicago (2014)	Asst. Prof. U. of Wisconsin
Che Smith * (AA)	University of North Carolina (2015)	
Thien Nguyen (VA)	Wharton School Business (2014)	Asst. Prof. Ohio State Univ.
Juan Sagredo (H)	Princeton University	Postdoctoral Fellow, ETH Zurich
Lynette Guzman * (H)	Michigan State University (2016)	Visiting Asst Prof, Univ Arizona
Christopher Summitt (H)	University of Arizona (2017)	
Tyler Nelson	Baylor University (2017)	
Whitney Coyle *	Penn State University (2016)	Asst. Prof, Physics. Rollins College
Benjamin White	Rice University (December 2017)	

Of the above twenty-eight RUSIS alumni who have received their doctorates, thirteen are underrepresented minorities including two African-Americans. Thirteen of these RUSIS alumni are female (i.e., 48%) compared to a trend of only 28% of the doctorates in mathematical and statistical sciences were awarded to females in 2012. Clearly, the number of doctorates will increase with the number currently pursuing doctorates shown below. The table includes 17 female students, four African-American students, one Native-American student, and 16 Hispanic students.

RUSIS ALUMNI CURRENTLY PURSUING PHDs

Indicates female student; (AA) denotes African-American student; (H) indicates Hispanic student; (NA) indicates Native-American student

All of the student participants, except for two, have been students from outside the PI's home institution. This is not an accident as one goal is to maximize the impact of the program on students with scarce opportunities to engage in research work under mentor supervision. The number of applicants has been stable at 90-105 per year. The PI has recruited students from various Community Colleges. As a result of these efforts, RUSIS has accepted several Community College students from El Paso. As most of the West coast seems to be on a different academic year schedule, very few applications were received from California and other western states. This will change now that UNR is the new home for RUSIS@UNR. So far most of the students have come from the southwestern and southern states, although several students from the Midwest and New England have participated.