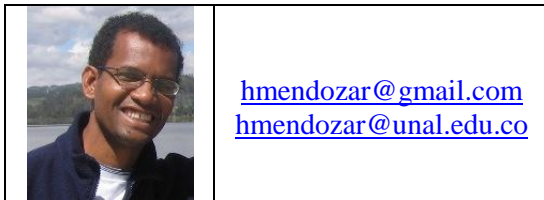


Henry Mendoza



Skills

- Ability to work independently and collaboratively
- Natively fluent in Spanish and Proficient in English
- Experience with multiple statistical programming languages such as SAS, Minitab, Mplus, Spss, R and MS Office
- 10+ years of experience in teaching statistics face to face and performing collaborative statistics
- 5+ years of experience teaching online classes supported by different web tools as LMS(Blackboard, Claroline).

Education

***The University of California, Riverside, CA
Masters, Statistics, 2011***

- Representative Coursework: SAS Computing, Advanced Design and Analysis of Experiments, Time series Analysis, Discrete Data Analysis, Multivariate Analysis, Statistical Consulting and Data Analysis, Advanced Education and Psychometric Measurement and Structural equations Modeling

***The National University of Colombia, Bogotá, Colombia
Masters, Statistics, 2002***

***The Industrial University of Colombia, Bucaramnaga, Santander
Bachelor of Science, Mathematics, 1991***

Experience

***The University of California, Riverside, CA
Teaching Assistant, 2010 - 2010***

- Responsible for lab computing in statistics; grading lab

***The National University of Colombia, Bogotá, Colombia
Assistant professor, 1997 - 2009***

- Instructor for graduate and undergraduate lecturers
 - +13 years experience as a professor in the Statistics department responsible for lectures in Regression Methods for Statistician, Experimental Design in Biological Sciences and Engineering, Probability and statistics for Engineering, Statistical Inference for Statistician, Linear Algebra, Basic Statistic

- Director of online education
 - 2 years as a leader of planning and Implementation of strategies and methodologies for teaching online classes among six campuses
 - Responsible for training 1500+ faculties from different areas
- Committee Member
 - Member of the adviser committee statistics department, The International Symposium on Quality Control, planning development for the Faculty of Sciences

***ICBF-UNAL, Bogotá, Colombia
Consulting projects 2006 - 2007***

- Statistician leader in a collaborative consulting project "The National Assessment Program for Older Adults" responsible for planning and implementation of statistical methodology
- Statistician leader in a collaborative consulting project planning "The Management model for integrated care in sexual and reproductive health, sexual and reproductive rights to children, youth and homeless families in special situations addressed by social protection centers of ICBF", responsible for planning and implementation of statistical methodology

Awards

- Tuition Scholarship (Master degree in Statistics). The National University of Colombia, 1996.
- First place in the "OCM (Colombian Mathematics Olympiad)". High School, Lácides C. Bersal, Loricá, Córdoba (Colombia), 1983.
- First place, High School Lácides C. Bersal, Loricá, Córdoba (Colombia), 1983.
- Best Student in General Test for High School in Colombia (ICFES). High School, Lácides C. Bersal, Loricá, Córdoba (Colombia), 1983.

Research Experience

- Research Assistant Student, The National University of Colombia, Bogotá, Colombia, 1996-2002
- Applied Statistics Group in Experimental Research, Industry and Biotechnology. The National University of Colombia, 1996 to present.
- Online Education, The National University of Colombia, 2005 to present.

Publications

Online- Lecture Notes

- Mendoza, H, Bautista, G. (2004). Fundamental of Bioestistics.
<http://www.virtual.unal.edu.co/cursos/ciencias/2001091/index.html>
- Mendoza, H, Bautista, G. (2002). Design of Experiments,
<http://www.virtual.unal.edu.co/cursos/ciencias/2000352/index.html>.
- Mendoza, H, Bautista, G, López L.A, Vargas, J.A. (2002). Regression Methods.
<http://www.virtual.unal.edu.co/cursos/ciencias/2007315/index.html>

- Mendoza, H, Bautista, G. Probability and Statistics. (2002)
<http://www.virtual.unal.edu.co/cursos/ciencias/2001065/index.html>

Books Chapters

Mendoza, H. (2006). Experiences in teaching with Web tools in a Classroom for Probability and Statistics. Book chapter: Significant Experiences in Pedagogy Innovation / eds. Germán Hernández, Freddy Abel Vargas Cardozo. – Bogotá. The National University of Colombia. Dirección Académica, 284 p. : ils. ISBN: 978-958-701-780-9.

Articles

- BAUTISTA, GLORIA, MENDOZA, HENRY and URIBE, DANIEL. (2007). BIOCONTROL OF *Rhizoctonia solani* IN NATIVE POTATO (*Solanum phureja*) PLANTS USING NATIVE *Pseudomonas fluorescens*. Acta biol.Colomb. [online]. Jan./June 2007, vol.12, no.1 [cited 22 May 2009], p.19-32. ISSN 0120-548X . Available from World Wide Web:
http://www.scielo.org.co/scielo.php?script=sci_arttext&pid=S0120-548X2007000100002&lng=en&nrm=iso>
- Héctor Hernández, Alexander Viloría, Yulieth Arango, Augusto Jiménez, Henry Mendoza, John J. Cadena. (2004). Mejoramiento del proceso de granallado para resortes de ballestas utilizando medición de esfuerzos residuales por difracción de rayos X. Revista Ingeniería e Investigación. ISSN 0120-5609. Volumen 56.
- Mendoza, H. and López, L. (2002). Estimation of missing data in Connected Balanced incomplete block designs. Revista Colombiana de Estadística, volume 24, Page. 73-89.
- Mendoza, H. and Bautista G. (2003). Statistical analysis using Microsoft Excel. Colloquium Distrital de Matemáticas y Estadística.

Published Short Talks

- Mendoza, H.(2004). Experiences in implementing educational tools in the virtual classroom. The National University of Colombia. Symposium Statistical 2004. Cartagena de Indias. Colombia.
- Mendoza Henry, Pacheco P. (2004). Analysis of survey in the evaluation of Online courses for Teaching Probability and Statistics in Engineering. The National University of Colombia. Symposium of statistic 2004. Cartagena de Indias. Colombia .
- Mendoza, H. (2003). The analysis of covariance in clinical trials and selection of the best covariates, memories of the Symposium Statistics: Statistics applied to the Health Sciences. The National University of Colombia. Armenia, August 2003.
- Mendoza, H. (1998). An easy method for teaching statistics with Microsoft Excel. XV Colloquium Distrital de Matemáticas y Estadística-Universidad Distrital Francisco José de Caldas, 1998.
- Mendoza,H. (1998). As fascinating method for using quadrilaterals and combinatorial. XV Colloquium Distrital de Matemáticas y Estadística-Universidad Distrital Francisco José de Caldas, 1998.

- Mendoza, H. (1997). Construction of mutually orthogonal Latin squares in experimental designs. Memories of the second seminar of math and science related - Technological Inespro.

Presentations and Talks

- Conference: "The teaching of statistics using virtual tools. " First Day of Research and Education in Engineering "organized by the Technological University of Chocó. April 4-5, 2006.
- Conference: "Probability Supported Learning in Virtual Tools." Engineering Education "Competencies and Methodologies". Universidad de los Andes. March 15-17 2006.
- Conference: "Learning probability supported by electronic tools". Day of Successful experiences in technological innovation. The National University of Colombia. March 3, 2006.
- Short Talk: "interactive applications in the teaching of regression methods " Statistics Symposium The National University of Colombia"Multivariate Data Analysis. " Paipa (Boyacá), August 2005.
- Short Talk: "Analysis of survey in the evaluation of online courses to teach Probability and Statistic in engineering". The National University of Colombia. Symposium of statistic 2004. Cartagena de Indias. Colombia.
- Short Talk: "Experiences in implementing educational tools in the virtual classroom". Statistics Symposium, The National University of Colombia. Cartagena de Indias. Colombia. 2004.
- Conference: "Mobile applications in education and online universities" St. Thomas University. March 10, 2004.
- Conference: "A virtual experience in Education, National University of Colombia" Meeting of graduates of Bachelor of Mathematics, Universidad Industrial de Santander. October 2003.
- Short Talk: "The analysis of covariance in clinical trials and the selection of the best covariates". Statistics Symposium, The National University of Colombia. Statistics Applied to Health Sciences. Armenia (Quindío), August 2003.
- Short Talk: "As fascinating method for using quadrilaterals and combinatorial". XV Colloquium Distrital de Matemáticas y Estadística-Universidad Distrital Francisco José de Caldas, 1998.
- Conference: "The construction of mutually orthogonal Latin squares in experimental designs " Second Seminar on Mathematics and related sciences - Technological INESPRO, November 26, 1997.

Invited courses

- Short-Course on "Virtual tools in the classroom" Industrial University of Santander. School of Mathematics. Course for the north-eastern Symposium Math. December 2004.
- Short-Course on "Statistical analysis using Microsoft Excel" (With Gloria Bautista Mendoza), The National University of Colombia, Colloquium Distrital de Matemáticas y Estadística, 2003.
- Short-Course on "An easy method for teaching statistics with Microsoft Excel". XV Colloquium Distrital de Matemáticas y Estadística-Universidad Distrital Francisco José de Caldas, 1998.

Teaching Experience

- Assistant Professor, The National University of Colombia, Bogotá, Colombia, 1997-present
www.estadistica.unal.edu.co
- Teaching Assistant, The University of California, Riverside. 2010-Winter.
- Director of Online Education, The National University of Colombia, 2007-2009.
<http://www.virtual.unal.edu.co>
- Teaching Online courses in Statistics.

Courses Taught

- Experimental Design. Graduate programs (MSc). Majors: Pharmaceutical Sciences, Engineering.
- Topics in Advanced linear Algebra, Graduate program(MSc), Major in Statistics.
- Linear Models, Graduate program(MSc). Major in Statistics
- Regression Methods. Undergraduate. Major in Statistics
- Statistical Inference, Undergraduate. Major in Statistics
- Linear Algebra. Undergraduate. Major in Statistics
- Fundamental of Biostatistics Statistics. Majors in: Biology, Pharmaceutical sciences, Chemistry.
- Probability and Statistics. Undergraduate. Majors in Science and Engineering.
- Basic Mathematics. Undergraduate. Majors in Science and Social sciences.
- Calculus. Undergraduate. Majors in Science and Engineering.

Professional Affiliations and Membership

The American Statistician Association