

## Erik Barry Erhardt

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Dr. Erik Barry Erhardt, PhD, develops statistical methods for stable isotope sourcing and brain imaging. Dr. Erhardt is a Howard Hughes Medical Institute Interfaces Scholar collaborating in interdisciplinary research and offering consulting services in statistics.

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## Education

- BA Mathematics and Computer Science, Franklin Pierce College, Rindge, NH, May 1997.  
Thesis Advisor: Carl T. Brezovec.  
Richmond College, Kensington, London, England, Fal 1995.  
(Both Majors G.P.A.: 4.00; *summa cum laude*).
- MS Applied Statistics, Worcester Polytechnic Institute, Worcester, MA, Dec 2003.  
Thesis Advisor: Balgobin Nandram.
- PhD, distinction Statistics, Univ. of New Mexico, Albuquerque, NM, Aug 2009.  
Dissertation Advisor: Edward J. Bedrick.  
HHMI Interfaces Scholar at the University of New Mexico (PIBBS).  
Computational Science and Engineering Certificate.

## Career

- Jan 2002 -- May 2004 Teaching Assistant for Statistics and Probability.  
Worcester Polytechnic Institute, Worcester, MA 01609.
- Sum 2003 Statistical Assistant.  
National Center for Health Statistics, Hyattsville, MD 20782.  
Internship in Office of Research and Methodology (ORM) group conducting research on presenting variation in maps, missing data, and imputation.
- Spr 2004 -- Spr 2008 Visiting Scholar.  
Worcester Polytechnic Institute, Worcester, MA 01609.  
Advisor: Balgobin Nandram.
- Fal 2004 -- Sum 2006 Teaching Assistant for Statistics.  
Department of Mathematics and Statistics, University of New Mexico.  
Albuquerque, NM 87131.  
Teaching assistant for every TA-able statistics course, both undergraduate and graduate, and a graduate course outside statistics department.  
Awarded UNM Outstanding Teaching Assistant Award by CASTL, (2005 -- 2006).
- Fal 2005 -- Spr 2008 Research Assistant.  
PI: Seymour Grufferman, MD, Dr PH and Deirdre A Hill, PhD, MPH.  
UNM Cancer Research and Treatment Center, University of New Mexico.  
Albuquerque, NM 87131.
- Spr 2008 Graduate Assistant.  
Department of Mathematics and Statistics, University of New Mexico.  
Albuquerque, NM 87131.  
Lecture for and set and grade homework/exams for two statistics graduate courses.
- Fal 2008 UNM Statistical Consultant. Statistics Clinic.  
Department of Mathematics and Statistics, University of New Mexico.  
Albuquerque, NM 87131.  
Provide statistical expertise to the UNM academic community.
- Spr 2009 -- Sum 2009 Research Assistant.  
PI: Vince Calhoun, PhD.  
The Mind Research Network, Medical Image Analysis Laboratory (MIALab).  
Albuquerque, NM 87106.

Aug 2009 -- Postdoctoral Fellow in Image Signal Processing.  
 PI: Vince Calhoun, PhD.  
 The Mind Research Network, Medical Image Analysis Laboratory (MIALab).  
 Albuquerque, NM 87106.

## Professional Honors or Recognition

### Awards

1993 -- 1995 President's Scholarship, FPC.  
 1994 -- 1996 Barry M Goldwater Scholarship, USA.  
 1994 -- 1995 Governor's Success Grant, NH.  
 1994 -- 1995 Valakis Scholarship, FPC.  
 1994 -- 1995 President's Achievement Scholarship, FPC.  
 1995 AIFS International Scholarship for Study Abroad.  
 1996 Mathematics Award, FPC.  
 2005 -- 2006 Outstanding Teaching Assistant of the Year Award, CASTL, UNM.  
 2006 Excellence in Teaching Award, Department of Mathematics and Statistics, UNM.  
 Fal 2006 -- Dec 2007 HHMI Interfaces Scholar at the University of New Mexico (PIBBS).  
 2007 First place, Graduate Poster for SISUS, UNM Biology 16th Annual Research Day.  
 2009 PhD with distinction.

### Honor Societies

1996 Alpha Chi National College Honor Scholarship Society.  
 2004 Sigma Xi ( $\Sigma\Xi$ ), The Scientific Research Society.  
 2006 Mu Sigma Rho, The National Honorary Society for Statistics.  
 2006 Kappa Mu Epsilon, The National Mathematics Honor Society.

### Professional Societies

2003 -- American Statistical Association (ASA).  
 1. Albuquerque Chapter Representative and webmaster. Sep 2005 -- Sep 2007.  
 2. Chair and founder, ACASA Mu Sigma Rho subcommittee. Jan 2006 -- Sep 2008.  
 3. Albuquerque Chapter President and webmaster. Sep 2007 -- Sep 2008.  
 2003 -- Institute of Mathematical Statistics (IMS).  
 2004 -- The Western North American Region (WNAR) of The International Biometric Society.  
 2005 -- International Society for Bayesian Analysis (ISBA).  
 2006 -- American Society for Quality (ASQ).

## List of Funded Research

**Active****Completed**

Apr 2007	UNM, PIBBS Student Enrichment Opportunity. Dissertation (SISUS) software startup.	\$860
Jan 2008	UNM, PIBBS Student Enrichment Opportunity. Dissertation (SISUS), to attend Stable Isotopes in Ecology, Lecture and Laboratory Short Course, University of Utah, June 9 -- 20, 2008.	\$2500
Mar 2009	UNM, PIBBS Student Enrichment Opportunity. Eastern North American Region (ENAR) of the International Biometric Society (IBS) short course in Hierarchical Modeling and Analysis of Spatial-Temporal Data.	\$250

## Service

**Professional**

Sep 2005 -- Sep 2007	Chapter Representative. Albuquerque Chapter of the American Statistical Association, Albuquerque, NM.
Jan 2006 -- Sep 2008	Chair of ACASA Mu Sigma Rho subcommittee. The national honorary society for statistics.
Sep 2007 -- Sep 2008	President. Albuquerque Chapter of the American Statistical Association, Albuquerque, NM.
Jul 2008	Reviewer, book, "Isoscapes: Understanding movement, pattern, and process on Earth through isotope mapping".
Apr 2009	Reviewer, <i>Oecologia</i> .
Aug 2009	Reviewer, <i>MAGMA</i> .

**UNM Service**

Explore	Judge, UNM Undergraduate Research and Creativity Symposium. Nov 21, 2005, Apr 3, 2007, Apr 1, 2008
PROFOUND	Judge, UNM Undergraduate Research Symposium. Apr 13, 2005, Apr 12, 2006, Apr 3, 2007, Apr 1, 2008
Apr 2007	Judge, UNM Outstanding Teaching Assistant Award by CASTL.

**Community Service**

NMSEF	Special Judge for Albuquerque Chapter of the American Statistical Association awarding "Best Use of Statistics" in High School Senior class. 53rd Annual New Mexico Science & Engineering Fair, New Mexico Tech, Socorro, NM. Apr 8, 2005, Apr 7, 2006, Apr 13, 2007 (organizer), Apr 4, 2008 (organizer)
Jan 2006	Judge for Jefferson Middle School Science Fair, Albuquerque, NM.
May 2007	Special Awards Judge for ASA "Special Award from the American Statistical Association" 58th Annual Intel International Science and Engineering Fair, Albuquerque, NM.

## Research

- Statement                    My research interests are in the application and development of statistical methods for biology, ecology, and public health. I have the most fun as part of multidisciplinary collaborations for the opportunity to contribute and learn in a cooperative environment. Current work includes Bayesian methods for stable isotope sourcing (SISUS) and a variety of other stable isotope collaborations. Focus is shifting to Bayesian models for fMRI for the brain as a postdoc at the MIND institute at UNM.
- Interests                    Group and semi-blind independent component analysis (sbICA).  
Applications to biology and ecology, especially using stable isotopes.  
Hierarchical Bayesian methods, computational statistics.  
Biostatistics, statistical genetics, phylogenetics, clinical trials.  
Quality, experimental design, and process optimization.

## Full Bibliography

**Peer Reviewed Journal Articles**

- [PRJA1]                    B Nandram and EB Erhardt. Fitting bayesian two-stage generalized linear models using random samples via the SIR algorithm. *Sankhya*, 66(4):733–755, May 2005.
- [PRJA2]                    CP Bickford, NG McDowell, EB Erhardt, HH Powers, and DT Hanson. High frequency field measurements of diurnal carbon isotope discrimination and internal conductance in a semi-arid species, *juniperus monosperma*. *Plant, Cell & Environment*, 32(7):796–810, 2009.
- [PRJA3]                    S Grufferman, F Ruymann, S Ognjanovic, EB Erhardt, and HM Maurer. Prenatal X-ray exposure and rhabdomyosarcoma in children: A report from the childrens oncology group. *Cancer Epidemiology Biomarkers & Prevention*, 18(4):OF1–6, 2009.
- [PRJA4]                    L Goode, EB Erhardt, L Santiago, and M Allen.  $\delta^{13}C$  of soluble sugars in *Tillandsia* epiphytes vary in response to shifts in habitat. *Oecologia*, In press, 2010.

**Other Journal Articles**

- [OJA1]                    EB Erhardt. Designing a better paper helicopter using response surface methodology. *STATS*, 48:14–21, 2007. Cover feature & webinar.

**In Press Journal Articles****Book Chapters/Reviews**

- [BCR1]                    E Nonaka and EB Erhardt. *Biology Lab Manual*, chapter Basic statistical methods for biology, page Appendix. UNM Department of Biology, 2006.
- [BCR2]                    JA Railey, L Lundquist, L Jia, and EB Erhardt. *Data Recovery at Five Archaeological Sites Along US 491, North of Sheep Springs, San Juan County, New Mexico*, chapter 8, Lithic Artifacts. SWCA, 2007. NMDOT Project No. FLH-666-1(49)17. SWCA Project No. 10775. SWCA Report No. 2007-93.
- [BCR3]                    JA Railey and EB Erhardt. *Lithic Studies*, volume 11, chapter Analysis of Projectile Points, pages 145–188. SWCA Environmental Consultants, animas-la plata project edition, 2009. SWCA Anthropological Research Paper Number 10, Phoenix.

**Conference Publications**

- [CP1] EB Erhardt, S Rachakonda, EJ Bedrick, T Adali, and VD Calhoun. Comparison of multi-subject ICA methods for analysis of fMRI data. Organization for Human Brain Mapping, 2010.

**Other**

- [O1] EB Erhardt. The Borromean rings. BA thesis, mathematics, Franklin Pierce College, Rindge, NH, USA, May 1997. Advisor: CT Brezovec, PhD.
- [O2] EB Erhardt. *NonParametric Statistical Toolbox*. Software, Mathworks File Exchange Matlab toolbox, 2003.
- [O3] EB Erhardt. Bayesian simultaneous intervals for small areas: An application to mapping mortality rates in US health service areas. MS thesis, applied statistics, Worcester Polytechnic Institute, Worcester, MA, USA, Dec 2003. Advisor: Balgobin Nandram, PhD.
- [O4] HL Paulsen, JA Sandoval, and EB Erhardt. Feasibility study and course fee policy reform recommendations to provide revenue for the department of biology's teaching operations. Technical report, UNM Department of Biology, 2006.
- [O5] EB Erhardt. *Stable Isotope Sourcing using Sampling*. Software, CRAN R package "sisus", 2007.
- [O6] EB Erhardt. *Stable Isotope Sourcing using Sampling*. Dissertation, University of New Mexico, Albuquerque, New Mexico, May 2009.

**Submitted, Under Review**

- [SUR1] EB Erhardt, S Rachakonda, EJ Bedrick, T Adali, and VD Calhoun. Comparison of multi-subject ICA methods for analysis of fMRI data. *Human Brain Mapping*, In Review 2010.

## Presentations at Conferences and University Colloquia

**Talks**

- Jun 6 -- 7, 1997 [O1]. "The borromean rings".  
Northeastern Section of the Mathematical Association of America.  
Student Paper Session, Presenting BA Thesis, Merrimack College, MA.
- Aug 15, 2003 [O3]. "Bayesian simultaneous intervals for small areas: An application to mapping mortality rates in US health service areas".  
National Center for Health Statistics.
- Nov 24, 2004 [O3]. "Bayesian simultaneous intervals ...".  
WPI Mathematics Department Colloquia.
- Apr 24, 2004 [O3]. "Bayesian simultaneous intervals ...".  
The Eighteenth New England Statistics Symposium.  
Contributed paper at Harvard University, Department of Statistics.
- Aug 9, 2006 [O3]. "Bayesian simultaneous intervals ...".  
2006 Joint Statistical Meetings.  
Contributed paper in Section on Health Policy Statistics.

- Nov 7, 2006 [OJA1]. “Designing a better paper helicopter using response surface methodology”. UNM, Dept of Math and Stat, Graduate Colloquium. Contributed Paper.
- Jun 17, 2008 [O5]. “Stable Isotope Sourcing using Sampling”. SIRFER Stable Isotopes in Ecology Course, Jim Ehleringer’s lab at Univ Utah. The only student talk.
- Sep 18 -- 20, 2008 [O5]. “Stable Isotope Sourcing using Sampling”. HHMI-NIBIB Interfaces Initiative for Interdisciplinary Graduate Research Training Meeting, Chevy Chase, MD.
- Nov 17, 2008 [O5]. “Stable Isotope Sourcing using Sampling”. UNM PNMGC New Visions Research Presentations. Contributed Graduate Talk.
- Dec 15 -- 19, 2008 [PRJA2] “High frequency field measurements of diurnal carbon isotope discrimination and internal conductance in a semi-arid species, *Juniperus monosperma*”. AGU Fall Meeting in San Francisco, California. Oral Presentation: B21E-03, by Christopher Bickford.
- Apr 8, 2009 [O5]. “Stable Isotope Sourcing using Sampling”. MIALab lab meeting, MIND institute, Albuquerque, NM.
- Aug 2, 2009 [O6]. “Stable Isotope Sourcing using Sampling”. 2009 Joint Statistical Meetings. Contributed paper.
- Aug 12, 2009 [O6]. “Stable Isotope Sourcing using Sampling”. UNM Mathematics and Statistics Department. Dissertation Defense.

### Posters

- Apr 13, 2007 [O5]. “Stable Isotope Sourcing using Sampling”. UNM, Dept of Biology, 16th Annual Research Day. Contributed Graduate Poster. **First place.**

### Participant in Professional Meetings

- JSM Joint Statistical Meetings of the American Statistical Association.  
Aug, 2006, Seattle, Washington. Contributed paper, [O3].  
Aug, 2008, Denver, Colorado.  
Aug, 2009, Washington, DC. Contributed paper, [O6].
- ACASA Albuquerque Chapter of the American Statistical Association (ASA) Annual meeting. Santa Fe, NM. USA.  
Sep 23, 2004.  
Sep 16, 2005.  
Sep 29, 2006, organizer.  
Oct 12, 2007, organizer.  
Nov 7, 2008, organizer.
- ENAR Eastern North American Region of The International Biometric Society.  
Mar, 2009, Spring Meetings, San Antonio, TX.
- WNAR Western North American Region of The International Biometric Society.  
Jun, 2009, Portland, OR.

Isotopes	Stable Isotopes in Ecology, Lecture and Laboratory Short Course, U Utah. June 9 -- 20, 2008. Student. Lecture on “stable isotope sourcing methods” [O5].
Sigma Xi	UNM Sigma Xi, Annual meeting. Apr 30, 2007, Apr 19, 2008.
NESS	The 18th New England Statistics Symposium. Cambridge, MA. Apr 24, 2004, Harvard U.
ASQ	American Society for Quality, Albuquerque Chapter. Nov 20, 2006, Mar 19, 2007.
AQN	Albuquerque Quality Network. Mar 22, 2007.
ABQ SPIN	Albuquerque Software Process Improvement Network. Apr 18, 2007, May 16, 2007, Aug 15, 2007, Nov 20, 2008.
BASUG	Boston Area SAS Users Group Quarterly Meeting. Newton, MA. Dec 4, 2003.
NSMAA	Spring Meeting of the Northeastern Section of the Mathematical Association of America. Merrimack College, North Andover, MA. Jun 6 -- 7, 1997. Contributed paper, [O1].

#### Educational Activities: Thinking/Training

Teaching Dossier	The goal of this portfolio is to be reflective about teaching, for the recording of teaching accomplishments, as the foundation for further reflection, and for recording teaching experience. At <a href="http://statacumen.com/pub/ErikBarryErhardt_TeachingDossier.pdf">http://statacumen.com/pub/ErikBarryErhardt_TeachingDossier.pdf</a>
Sum 2002	WPI Seminar in College Teaching.
Spr 2004	WPI Graduate Student TA Training Seminar Certificate.
Fal 2004	UNM Teaching Assistant Resource Center (TARC) certificate of completion for Interest and Concern for Teaching Excellence.
Feb 2006, 2007	UNM Success in the Classroom: Sharing Practices That Work, CASTL.

#### Educational Activities: Teaching/Lecturing

##### **Worcester Polytechnic Institute, Fal 2002 -- Spr 2004**

MA 2611	Applied Statistics I. Fal (Term C) 2002, ≈120 students Fal (Term D) 2002, ≈120 students Spr (Term A) 2002, ≈120 students Spr (Term B) 2002, ≈120 students Spr (Term A) 2003, ≈120 students Fal (Term C) 2003, ≈120 students
MA 2612	Applied Statistics II. Fal (Term D) 2003, 46 students Spr (Term B) 2003, 45 students
MA 2621	Probability for Applications. Spr (Term C) 2004, 61 students Fal (Term A) 2004, 61 students

**University of New Mexico, Fal 2004 -- Spr 2008**

Stat 145	Introduction to Statistics. Instructor. Fal 2004, 53 students Spr 2005, 48 students
BMS 516	Molecular Genetics and Genomics. Teaching Assistant. Spr 2005, 8 students
Stat 345	Elements of Mathematical Statistics & Probability Theory. Instructor. Sum 2005, 29 students Sum 2006, 24 students
Stat 538	Biostatistical Methods I for Public Health & Medical Science. Teaching Assistant. Fal 2005, 21 students My labs also used by Woncheol Jang at the Department of Epidemiology and Biostatistics, College of Public Health, University of Georgia. (Spr 2008)
Stat 539	Biostatistical Methods II for Public Health & Medical Science. Teaching Assistant. Spr 2006, 9 students
Stat 590	Statistical Computing. Graduate Assistant. Spr 2008, 10 students
Stat 553	Statistical Inference. Graduate Assistant. Spr 2008, 20 students

## Educational Activities: Training/Mentoring

**Students**

2005	Zoë Gardner “A Morphometric Analysis of <i>Cimicifuga racemosa</i> (L.) Nutt.” [Syn. <i>Actaea racemosa</i> L.] (Black Cohosh). Degree: MS Biology UMass 2005. Advised and performed statistical analysis for MS thesis.
2005	Jennifer Glee Buntz “Effects of the Pesticide Lindane on Heat Shock Protein Production, Survivorship, and Reproductive Success in Female Western Mosquitofish, <i>Gambusia affinis</i> ”. Degree: MS Biology, Eastern New Mexico University, 2005. Advised and performed statistical analysis for MS thesis.
2006	Tammy L Whitney “An evaluation of dental hygiene educational throughout member countries of the International Federation of Dental Hygienists”. Degree: MS Dental Hygiene UNM 2006. Advised and performed statistical analysis for MS thesis.
2006	Melissa M Plese (Mcdougal) “A comparison of patient knowledge on the association of oral health and diabetes between three different health care settings”. Degree: MS Dental Hygiene UNM 2006. Advised and performed statistical analysis for MS thesis. Poster at American Dental Hygienists' Association (ADHA) 84th Annual Session & Exhibits XXVI, New Orleans, LA. June 20 -- 27, 2007.

- 2006 Ani M Humberson (Dorgan)  
 “A Comparative Analysis of Motivational Learning Strategies among Associate Degree Dental Hygiene Students and Bachelor Degree Dental Hygiene Students”.  
 Degree: MS Dental Hygiene UNM 2006.  
 Advised and performed statistical analysis for MS thesis.  
 Submitted to the “Journal of Dental Hygiene”, in revision.
- 2006 Lisa M Esparza  
 “Comparison of Geriatric Education in Dental Hygiene Curricula: A National Study”.  
 Degree: MS Dental Hygiene UNM 2006.  
 Advised and performed statistical analysis for MS thesis.
- 2006 Tamara L Donald  
 “Results of a National Survey: Pediatric Content in Dental Hygiene Program Curricula”.  
 Degree: MS Dental Hygiene UNM 2006.  
 Advised and performed statistical analysis for MS thesis.
- 2006 Pamela Marlene Lujan  
 “Are Workers with Traumatic Brain Injury Being Adequately Accommodated in the Workforce?”.  
 Degree: MS Public Administration UNM 2006.  
 Advised and performed statistical analysis for MS thesis.
- 2007 Anne Scott  
 “Evaluation of an Undergraduate Dental Hygiene Communication Skills Workshop”.  
 Degree: MS Dental Hygiene UNM 2007.  
 Advised and performed statistical analysis for MS thesis.
- 2008 Stephanie Baca  
 “Dental Hygiene / Nursing Student Interdisciplinary and Collaboration Rotation Project: A Pilot Study”.  
 Degree: MS Dental Hygiene UNM 2008.  
 Advised and performed statistical analysis for MS thesis.
- 2009 Melissa Van Witzenburg  
 “(Dental practitioner’s knowledge of Pharmacology)”.  
 Degree: MS Dental Hygiene UNM 2009.  
 Advised and performed statistical analysis for MS thesis.

#### StatAcumen, Statistical Consulting

- Feb 2006 [O4] Heather Paulsen, Accountant, UNM Biology Department. Department of Biology Course Fees Feasibility Study.  
*“... this has allowed us to net an additional \$55,000 this semester in funding for student classes and labs.”* --- Heather Paulsen, 17 Jan 2007
- Mar 2006 Ted Fish, EdD, President, Philos Institute, Santa Fe, NM. Analysis of Gardner Carney Leadership Institute (GCLI) longitudinal surveys.  
*“Erik had the acumen, the patience and the savvy to guide me through a vital section of one of my consulting projects last year. Statistics is its own language, and Erik is an outstanding translator. ... I hired Erik, and I could not have been more pleased. He was a sounding board. He was a check. And he was a superb technician and interpreter. As a result, the work I did for my clients was better.”*

*I was freed up to do what I excel at; and the work was girded by expert statistical analysis.”* --- Ted Fish, Ed.D, President, Philos Institute, 18 Jan 2007

- May 2006 Etsuko Nonaka, UNM Biology Department. Biology Lab Manual Appendix coauthor, “Basic statistical methods for biology”.
- Oct 2006 Digipress, Inc., d/b/a Spire. Predictive models for responses to repeated mailings.
- Feb 2007 [BCR2] Jim A Railey, SWCA Environmental Consultants. For analysis assistance of lithic artifacts data. Coauthor in Chapter 8, “Lithic Artifacts” in *Data Recovery at Five Archaeological Sites Along US 491, North of Sheep Springs, San Juan County, New Mexico*, edited by Jim A. Railey. NMDOT Project No. FLH-666-1(49)17. SWCA Project No. 10775. SWCA Report No. 2007-93.
- Mar 2007 Ted Fish, EdD, President, Philos Institute, Santa Fe, NM. Analysis of Gardner Carney Leadership Institute (GCLI) longitudinal surveys.
- Feb 2007 -- Aug 2007 UniRac, Inc. For process development, improvement, and control of PV’s Universal Flat Roof Solution. RapidRac G10 PV Mounting System, introduced Sep 2007.
- Sep 2007 [BCR3] Jim A Railey, SWCA Environmental Consultants. For analysis assistance of projectile point data. Coauthor in Animas-La Plata Project: Volume XI - Lithic Studies, by Jim A. Railey and Alexander L. Wesson, pp. 145--188. SWCA Anthropological Research Paper Number 10, Phoenix.
- Apr 2008 Ted Fish, EdD, President, Philos Institute, Santa Fe, NM. Analysis of Gardner Carney Leadership Institute (GCLI) longitudinal surveys.
- Apr 2008 Elaine Dils, UNM Dental Hygiene. Raising Oral Health Awareness among Nephrology Nurses.
- Apr 2008 Hari Nam Simran K Khalsa, UNM Graduate student. Statistical modeling: El Nino effect on California breeding bird population.
- Mar 2009 Albuquerque Collaborative Therapeutics. Evidence-based assessment of the full Dialectical Behavior Therapy program.
- Apr 2009 Ted Fish, EdD, President, Philos Institute, Santa Fe, NM. Analysis of Gardner Carney Leadership Institute (GCLI) longitudinal surveys.

## References

- UNM Edward J Bedrick, PhD, (PhD Advisor Math & Stats) Internal Medicine, (505) 277-2911, bedrick@stat.unm.edu  
Blair Wolf, PhD, Biology, (505) 277-4122, wolf@unm.edu  
Ronald Christensen, PhD, Math & Stats, (505) 277-4619, fletcher@stat.unm.edu  
Gabriel Huerta, PhD, Math & Stats, (505) 277-2564, ghuerta@stat.unm.edu
- WPI Balgobin Nandram, PhD, (MS Advisor Math Sciences), (706) 721-3785  
Joseph D. Petrucci, PhD, Math Sciences, (508) 831-5362, jdp@wpi.edu
- FPC Carl T. Brezovec, PhD, (BA Advisor) Natural Sciences, (603) 899-4256, brezovct@fpc.edu