

## CURRICULUM VITAE

**I. Biographical Sketch**

NAME: Anna E. Barón

DATE and PLACE of BIRTH: July 30, 1955; El Paso, Texas USA

PRESENT POSITION: Professor  
 Department of Biostatistics and Informatics  
 Colorado School of Public Health  
 University of Colorado Denver  
 13001 East 17<sup>th</sup> Place, Campus Box B-119  
 Aurora, CO 80045  
 Phone: (303) 724-4351  
 FAX: (303) 724-4489  
[anna.baron@ucdenver.edu](mailto:anna.baron@ucdenver.edu)  
[Faculty Web Page](#)

<u>EDUCATION:</u>		<u>DEGREE</u>
1969-1973	Loretto Academy; El Paso, Texas -Valedictorian	Diploma
1973-1977	Rice University, Houston, Texas Major: Mathematical Science	B.A.
June-August 1977	Summer Session in Biostatistics Harvard School of Public Health- Statistical Epidemiology, Stochastic Processes Sampling and Nonparametric Statistics	
1977-1980	University of Texas School of Public Health Houston, Texas Major: Biometry	M.S.
1980-1984	University of Texas School of Public Health Houston, Texas Major: Biometry Minors: Epidemiology, Health Economics	Ph.D.

POSTGRADUATE TRAINING:

1986-1987 Ford Foundation Postdoctoral Fellowship for Minorities, University of Colorado Health Sciences Center, School of Medicine, Department of Psychiatry, National Center for American Indian and Alaska Native Mental Health Research. Sponsor: Spero M. Manson, Ph.D. Course of Study: Quantitative Methods in Psychiatric Epidemiology.

POSTGRADUATE TRAINING: (cont'd)

Anna E. Barón, Ph.D.  
Curriculum Vitae - 2

- June, 1988      Advanced Statistical Methods in Epidemiology, University of Washington School of Public Health.
- March, 1991     Counting Processes and Survival Analysis, Short Course at the Biometrics Meetings (ENAR); Houston, Texas.
- December, 1993 SUDAAN Short Course at the Research Triangle Institute, Research Triangle Park, North Carolina.
- November, 1995 Counting Processes and Survival Analysis, Short Course; Seattle, Washington.
- August, 1998    Longitudinal Data Analysis with SAS; Dallas, Texas  
Generalized Estimating Equation modeling with SAS; Dallas, Texas
- April, 2000     Building and Fitting Mixed Effects Models with Random Location and Scale Effects  
An Introduction to Model Building with Reproducing Kernel Hilbert Spaces (with Applications)  
Bayesian Hierarchical Modeling  
Interface 2000 meetings; New Orleans, Louisiana
- August, 2000    Statistical genetics  
Statistical Methods for Modern Molecular Biology: RNA and Protein Analysis  
JSM 2000, Indianapolis, Indiana
- June, 2003      Regression Modeling Strategies  
Insightful Short Course, Philadelphia
- June, 2003      Pattern Mixture and Selection Models Demystified  
WNAR/IMS 2003, Golden, Colorado
- July, 2005      Molecular Biology for Clinical Oncology, Senior Scientist Participant by invitation from the American Association for Cancer Research; July 1-7 Aspen, Colorado
- August, 2005    Statistical Methods for Evaluating Tests and Biomarkers in Medicine  
JSM 2005, Minneapolis, Minnesota
- August, 2007    A Course in Multiple Comparisons and Multiple Tests  
JSM 2007, Salt lake City, Utah
- August 2008    Bayesian Methods for Data Analysis  
JSM 2008, Denver, Colorado
- June 2009      CU Online Summer Web Camp to Develop Online Course Materials
- August 2010    Integrating Computing into the Statistics Curriculum  
NSF 2-day Workshop, Vancouver BC

APPOINTMENTS and PROFESSIONAL EXPERIENCE:

- 1977-1978      Graduate Assistant, Biometry Discipline, University of Texas School of Public Health, Houston, Texas.
- 1978            Research Assistant, Hypertension Detection and Follow-Up Program, University of Texas School of Public Health, Houston, Texas.

APPOINTMENTS and PROFESSIONAL EXPERIENCE: (cont'd)

- 1979 Statistician, Summer Internship, The National Center for Health Services Research, Hyattsville, Maryland.
- 1980-1984 Senior Research Assistant, National Heart and Blood Vessel Research and Demonstration Center, Baylor College of Medicine, Houston, Texas.
- 1983 Biostatistics Instructor, University of Texas School of Allied Health Sciences, Houston, Texas
- 1984-1992 Assistant Professor of Biometrics, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center, Denver, Colorado
- 1987-1996 Adjunct Assistant Professor and Biostatistician, National Center for American Indian and Alaska Native Mental Health Research, Department of Psychiatry, School of Medicine, University of Colorado Health Sciences Center, Denver, Colorado
- 1989-1990 Visiting Biostatistician, Epidemiology Unit, Centro di Riferimento Oncologico (CRO); Aviano (PN), Italy (also May 1992; May 1994 and June 1995)
- 1992-2004 Associate Professor of Biometrics, with tenure, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center, Denver, Colorado
- 1996-1997 Acting Head, Section of Biometrics and Biometrics Graduate Program, Department of Preventive Medicine and Biometrics, University of Colorado Health Sciences Center, Denver, Colorado
- 1996-1997 Acting Director, Biometrics Graduate Program, Department of Preventive Medicine and Biometrics, University of Colorado Health Sciences Center, Denver, Colorado
- 1997-2002 Head, Section of Biometrics, Department of Preventive Medicine and Biometrics, University of Colorado Health Sciences Center, Denver, Colorado
- 2002-2006 Head, Section of Biometrics and Informatics, Department of Preventive Medicine and Biometrics, University of Colorado Health Sciences Center, Denver, Colorado
- 2004-2008 Professor of Biometrics, with tenure, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center, Denver, Colorado
- June-July 2006 Visiting Faculty, Rice University Summer Institute of Statistics, Houston Texas
- Sept-Nov 2006 Visiting Scientist, International Agency for Research on Cancer, Lyon France
- 2008-present Professor of Biostatistics, with tenure, Department of Biostatistics and Informatics, Colorado School of Public Health, University of Colorado Denver, Aurora, Colorado

HONORS:

- 1973-1977 Robert H. Ray Memorial Scholarship, Rice University, Houston, Texas
- 1986-1987 Ford Foundation Minority Postdoctoral Fellowship

HONORS: (cont'd)

- 1989-1990      Research Fellowship funded by National Cancer Institute International Affairs Program, Italian National Research Council, and Centro di Riferimento Oncologico, Aviano (PN), Italy
- 2006            Visiting Scientist Fellowship Award, International Agency for Research on Cancer, Lyon France
- 2010            Induction as Faculty Member into the Alpha Upsilon Chapter of the Delta Omega Honorary Society in Public Health

OTHER ACTIVITIES:

- 1975-1983      Classical Music Announcer, KTRU Rice University
- 1980, 1982      SAS Computer Consultant with V. Lance Tarrance and Associates, Houston, Texas
- 1980, 1981      Survey Consultant to American Medical Student Association, Chantilly, Virginia
- 1981            Workshop Participant and Role Model for Chicano Health Policy Development, Inc., San Antonio, Texas
- 1983-1984      Consultant, Center for Health Promotion Research and Development, University of Texas Health Science Center; Houston, Texas
- 1985-1986      Newsletter Editor for the Colorado-Wyoming Chapter American Statistical Association
- 1985-1988      Representative from the Committee for Minorities in Statistics to the Council's Committee on Videotape Development, American Statistical Association
- 1987-1988      Member, Executive Committee, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center
- 1987-1988      Representative-at-Large 1987-88, Caucus for Women in Statistics
- 1987-1989      Member of Committee on Minorities in Statistics, American Statistical Association
- 1987-1991      Member of Committee on Women in Statistics, American Statistical Association
- 1988-1989      Representative to Faculty Senate, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center
- 1988-1989      Consultant to Craniosynostosis Project, Colorado Department of Health
- 1988            Ad Hoc Reviewer, Special Study Section of the National Institute for Allergy and Infectious Disease
- 1990-Present    Member Policy Committee - MSPH Graduate Program, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center
- 1990            Consultant to the Division of Mental Health, State of Colorado, On an Outcome Study of Chronically Mentally Ill Client Types and System Reform
- 1990            Consultant to Denison Library Survey on Paper Deterioration, University of Colorado Health Sciences Center

OTHER ACTIVITIES: (cont'd)

- 1990-1993      Consultant to Emergency Medicine Clinical Research Center, School of Medicine, University

- of Colorado Health Sciences Center
- 1990-Present Protocol Review Committee, University of Colorado Cancer Center
- 1991, 1992 Minority Student Recruitment - Meeting of the Society for the Advancement of Chicanos and Native Americans in Science
- 2003, 2005
- 1991, 1992 Member, Nominating Committee - Statistics Section, American Public Health Association
- 1991 Member, Nominating Committee, Caucus for Women in Statistics
- 1991 Consultant to the Colorado Department of Health on Lead Exposure Studies
- 1991-Present Member, Committee on Education for Public Health Practitioners, Colorado Department of Health
- 1991, 1992 Member, Admissions Committee, Graduate Program in Biometrics
- 1992, 2000 Member, Admissions Committee, MSPH Program
- 1992-1994 Panel Reviewer, Howard Hughes Medical Institute Predoctoral Fellowship Program
- 1993-1994 Member, Search Committee for Cancer Epidemiologist, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center
- April, 1994 Consultant to Kaiser Permanente Medical Group on Physician Profile Analysis
- 1994-2002 Member, Appointments and Promotions Committee, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center
- 1994-1996 Representative to Faculty Senate, Department of Preventive Medicine and Biometrics, School of Medicine, University of Colorado Health Sciences Center
- 1994-1996 Treasurer for the Colorado-Wyoming Chapter - American Statistical Association
- 1995 Ad Hoc Reviewer, Special Study Section of the National Institute on Aging for Minority Dissertation Proposals
- 1995, 1996 Panel Reviewer, American Cancer Society Institutional Grant Review Committee, University of Colorado Cancer Center
- 1996-1997 Chair, Search Committee for Biostatistician at The Children's Hospital and the Department of Preventive Medicine and Biometrics
- 1997 WNAR Student paper competition – judge for presentations
- 1997, 1999 Member, Nominating Committee, WNAR of the International Biometric Society
- 1997 Panel Reviewer, National Science Foundation Minority Predoctoral Fellowship Program
- 1998 Member, Regional Advisory Committee, WNAR of the International Biometric Society (3-year term)

OTHER ACTIVITIES: (cont'd)

- 1999 Ad Hoc Reviewer, National Science Foundation
- 2000 Organizer, Invited paper session at the Joint Statistical Meetings, Indianapolis, Indiana. Global Statistics: The Collaboration between the US and Chile as an Example of a Success Story.
- 2001 Organizer, Tutorial in Bioinformatics at the WNAR Meeting, Burnaby BC, June 2001.
- 2001-present Biostatistics and Bioinformatics Core Director, Lung SPORE Biostatistics and Informatics Core Director, University of Colorado Cancer Center
- 2001-present Member of DSMB for the UCHSC PKD projects
- 2002 President-elect, WNAR of the International Biometric Society (3-year term)
- 2002 Member, Search Committee, Chair of Orthopedics, University of Colorado School of Medicine
- 2002-2003 Member, MSPH Diversity Scholarship Committee, Department of Preventive Medicine and Biometrics, UCDHSC
- 2003 Organizer, Invited Panel at the WNAR/IMS 2003 meeting, Golden, Colorado  
So Many Opportunities, So Few of Us: What Can We Do as a Profession to Address the Impending Shortfall in the Supply of Biostatisticians?
- 2003-2011 Advisory Board Member, Rice Summer Institute in Statistics, Javier Rojo, Ph.D., PI
- June 2006 Ad hoc Panel Reviewer, Biostatistical Methods and Research Design Study Section, NIH
- July 2007-  
June 2011 Panel Reviewer, Biostatistical Methods and Research Design Study Section, NIH
- February-  
June 2008 CSPH representative, UCD Provost Search Committee
- September 2008 -  
July 2010 Chair, Appointments, Promotions and Tenure Committee, Colorado School of Public Health
- October 2009 -  
January 2011 Chair, Search Committee for Senior Biostatistics Faculty and Director, Biostatistics and Bioinformatics Core, University of Colorado Cancer Center
- February 2010 Ad hoc Panel Reviewer, NCI SPORE Program, NIH
- October 2010 Advisory Board Member (2-year term), President's Fund for the Humanities, University of Colorado
- February 2011 -  
present Member, Search Committee for Senior Biostatistics Faculty and Director, Biostatistics Core, University of Colorado Cancer Center

REFEREE WORK:

- 1983-1999      Contributor to *Current Index to Statistics*
- 1986, 1995  
1997, 1998  
2003              Manuscript Referee, *American Journal of Epidemiology*
- 1989              Manuscript Referee, *Journal of the American Statistical Association*
- 1995              Manuscript Referee, *Biometrics*
- 1995              Manuscript Referee, *Journal of Agricultural Safety and Health*
- 1995              Manuscript Referee, *American Journal of Public Health*
- 1995-2000      Biostatistical Consultant and Referee to *Arthritis and Rheumatism*
- 1998              Pre-publication review of mathematical statistics text, Springer-Verlag
- 2000              Manuscript Referee, *Child Abuse and Neglect*
- 2000              Pre-publication review of introductory online statistics text, Atomic Dog Publishing
- 2004-present    Manuscript Referee, *Journal of Clinical Oncology*
- 2011              Manuscript Referee, *Journal of Biopharmaceutical Statistics*

SOCIETIES:

American Statistical Association - Biometrics, TSHS, HPSS, Statistical Computing and Graphics  
International Biometric Society - WNAR  
Caucus for Women in Statistics  
Society for the Advancement of Chicanos and Native Americans in Science

LANGUAGES:

English (native speaker), Spanish (very good proficiency), Italian (fair to good proficiency)

TEACHING:

Thesis Committee Member (Chair or Mentor, where noted):

Deborah Hauck, MSPH. Study of the Medically Indigent in Adams County and Aurora, Colorado, from Health Care Providers, 2/86.

Francis Boadi-Boateng, Ph.D. in Biometrics. Unbalanced Designs and Serial Correlation in Longitudinal Data, 8/86.

Deb Gegan, MSPH. IUD Use and Invasive Cervical Cancer, 8/86. (Refereed Publication No. 21.)

Sharon Keefer, M.S. in Biometrics. Analysis of Recurrent Hospitalizations Among Insulin-Dependent Diabetics Using Proportional Hazards Regression Extended for Multiple Failures, 4/87. (Chair of Thesis Committee).

Carlos Plasencia, MSPH. Decision Making Based on Results of the Stress Test, 3/88. (Refereed Publication No. 23)

Lori Borden, MSPH. A New Patient Satisfaction Survey for a Family Medicine Center, 5/88.

Marilyn Leff, MSPH. The Association Between Maternal and Infant Low Birthweight, 8/88. (Refereed Publication No. 24)

Boghuang Zhen, M.S. in Biometrics. Sample Size Determination for Survival Data with Unrestricted Covariates: Formulas in Simulation, 1/91.

Monica Jones, M.S. in Biometrics. Assessment of Placebo Responsivity within a Clinical Trial of Cyclosporine for the Treatment of Chronic-Progressive Multiple Sclerosis, 5/91.

Sandra Joshua, MSPH. A Case-Control Study of Risk Indicators for the Occurrence of Craniosynostosis in a Colorado-based Population (1978-1985), 5/91. (Refereed Publication No. 33)

Nancy Gegen, MSPH. A Case-Control Study of Potential Obstetric Risk Factors for Intra-Uterine Fetal Constraint and Their Association with Craniosynostosis, 9/91.

Denise Beaudoin, MSPH. Clear Creek Metals Exposure Study, 11/91.

Jan Ferguson, MSPH. Comparison of Questionnaire Response in Patients with Invasive and Non-Invasive Malignant Melanoma, 2/92.

Bonnie McCafferty, MSPH. Results of Group A Streptococcal Bacteremia Surveillance, 4/92.

Mark Doescher, MSPH. Associations Between Usual Source of Health Care Location and Insurance Category and Absence of Prior Mammographic Screening: An Analysis of the 1987 Survey of American Indians and Alaska Natives, 6/92.

Holly Halvorsen, MSPH. Adolescent Diet, Age at Menarche, and Risk of Breast Cancer, 12/92

Bill Stauffer, MSPH. The Effect of Prenatal Care on Birthweight: Bethel Wholistic Health Center and Bethany Hospital, 12/92.

Larry Wolk, MSPH. Factors Influencing Overutilization of a School-based Health Clinic, 2/93.

Terry Andres, MSPH. Tracking Sentinel Events: Urban Core Neighborhoods at Risk for Advanced Stage Female Breast Cancer, 4-93. (Refereed Publication No. 34.)



Thesis Committee Member (Chair or Mentor, where noted): (cont'd)

Linda Barbour, MSPH. Subclinical Heparin-Induced Osteoporosis in Pregnancy, 5/93. (Refereed Publication No. 31.)

Lisa Miller, MSPH. A Case-Control Study of Immunization in Colorado, 5/93. (Refereed Publication No. 30.)

Elaine Lowery, MSPH. Evaluation of a Parent-Held Health Record and Tracking System in a Private Pediatric Practice, 1/94.

Sharon Beck, M.S. in Biometrics. Benefits of Mammographic Screening, 1/94. (Chair of Thesis Committee).

Eric France, MSPH. Evaluation of Tuberculin Skin Test in an HMO, 2/94.

Boghuang Zhen, Ph.D. in Biometrics. Sample Size Determination for Survival Data with Unrestricted Covariates: Formulas and Simulation, 6/94.

Will Schluter, MSPH. Utility of HIV Post-Test Counseling by Telephone for Low Risk Clients of an Urban Sexually Transmitted Diseases Clinic, 5/95. (Refereed Publication No. 35.)

Renee Johnson, MSPH. Cost of Traumatic Spinal Cord Injury in a Population-based Registry, 7/95.

Brad Warner, Ph.D. in Biometrics. Extensions to the Generalized Linear Model Using Neural Networks, 5/96.

Bill Wright, MSPH. Do Self-Reported Health Behaviors Explain Differences in Health Care Utilization Among Adults in a Prepaid Health Setting?, 5/96.

Karen Hufnagel, MSPH. The Role of Maternal Experiences of Child Abuse as Antecedent to Subsequent Child Abuse Risk, 8/96.

Marci Sontag, MS in Biometrics. Pulmonary Function Percentile Curves for Normal Infants Using Longitudinal Mixed Effects Modeling; Application to infants with Cystic Fibrosis identified through the Newborn Screen, 8/96.

Kimberly Shavender, MSPH. Choice of Medical Care in a Pluralistic Medical System: Punta Gorda, Belize, 11/96.

Toni Harrison, MSPH. Environmental Radon and Mutant Frequencies in Peripheral Lymphocytes, 11/96.

Brian Montague, MS in Biometrics. Object Linking and Embedding and the Clinical Research Workstation, 6/97.

Deanna Martinez, MS in CHAPS Program. Non-traditional Predictors of Success in Mexican-American Health Practitioners: Selected Case Histories, 6/97.

Julie Vanderkolk, MSPH. Differences in Self-reported Risk Behavior Based on Positive HIV Serostatus Knowledge by Men Attending Sexually Transmitted Disease Clinics, 11/97.

Stephanie Tudor, MSPH. Incidence and Progression of Diabetic Retinopathy Among Hispanics and Non-Hispanic Whites with NIDDM: San Luis Valley Diabetes Study, 8/97. (Refereed Publication No. 41.)

Thesis Committee Member (Chair or Mentor, where noted): (cont'd)

Jennifer Barrow, MSPH. The Effectiveness of HIV Counseling and Testing on Changing Sexual Behaviors of Heterosexual Adolescents, 5/98.

Xuesheng Xu, MS in Biometrics. Identification of factors contributing to the variation of human hematopoietic progenitor cell engraftment in NOD/SCID mouse, 5/98.

Sue Duval, Ph.D. in Biometrics. Effects of Publication Bias in Meta-Analysis, 2/99.

Zhaoxing Pan, Ph.D. in Biometrics. Surrogate Markers for Survival Times in Clinical Trials: A Proposed Class of Intermediate Events as Marker Variables, 11/99.

Judy Shlay, MSPH. Predictors of Cervical Intraepithelial Neoplasia<sup>2/3</sup> in Women with Atypia on Pap Smear, 11/99. (Refereed Publication No. 51.)

Nina Kadan-Lottick, MSPH. The Prevalence of Osteoporosis in Survivors of Pediatric Acute Lymphoblastic Leukemia, 11/99. (Refereed Publication No. 54.)

Karen Ramstrom, MSPH. Contraceptive Discontinuation: Influenced by Past or Present Side Effects or Practical Problems with Method Use, 6/00. (Refereed Publication No. 64.)

Lening Zhang, MS in Biometrics. Design of Cancer Clinical Trials with Potentially Lethal Treatments, 7/01.

Ann Deas, MSPH. Ambulatory Care Physicians' Attitudes & Beliefs about Antibiotic-Resistance, 11/01.

Shannon Brown, Ph.D. in Epidemiology. Lung cancer and internal lung doses among plutonium workers at the Rocky Flats Plant: a case-control study, 12/02. (Refereed publication No. 82.)

Chan Zeng, MS in Biometrics. Comparison of Statistical Summary Measures of ELISPOT Data, 12/02. (Co-Chair of Thesis Committee).

Chris Armijo, MSPH. Epidemiology of Cancer Incidence and Mortality Among Colorado Hispanics, 1/02. (Chair of Thesis Committee).

Heather Orton, MS in Biometrics. Alcohol and Marijuana Use in American Indian Adolescents: An Application and Extension of a Mixed-distribution Model With Correlated Random Effects, 5/02. (Co-Chair of Thesis Committee).

Susan Lukacs, MSPH. Effectiveness of an Asthma Management Program for Pediatric Members of a Large Health Maintenance Organization, 2/02. (Refereed Publication No. 68.)

Larry Martinez, Ph.D. in Pharmacology. The effect of total body water on the relationship between alcohol consumption and CDT levels, 5/02. (Refereed Publication No. 63.)

Rhonda Gonzalez, MSPH. An Evaluation of Associations of Social Support and Stressful Life Events in Breastfeeding by Colorado Women, 9/02.

Tim Webb, Ph.D. in Biometrics. Exact Test Size and Power for Small Samples Using an Internal Pilot Study, 10/02. (Mentor).

Mark Brown, MSPH. Association between Recombinant Human Erythropoietin Exposure and an Increased Risk for Retinopathy of Prematurity, 10/02.

Thesis Committee Member (Chair or Mentor, where noted): (cont'd)

Tim Wells, Ph.D. in Epidemiology. Analysis of Cancer Mortality and Incidence Among Nuclear Weapons Workers at the Rocky Flats Plant, 2/03.

Carolyn Fronczak, MSPH. *In utero* dietary exposures and risk of islet autoimmunity in offspring, 5/03. (Refereed Publication No. 76.)

Doug Wolf, MS in Biometrics. Quantitative and Qualitative Issues in the Assessment of Cellular Motility, 5/03. (Chair of thesis committee).

Deb Thompson, MSPH. Human Papillomavirus 16: Prevalence, Incidence, and Behavioral Risk Factors, 6/03. (Refereed Publication No. 87.)

Hilary Helinek, MSPH. Stressful Life Events Exposure in Early Childhood and Appearance of Islet Autoimmunity. The Diabetes Autoimmunity Study in the Young (DAISY), 05/04.

Kathleen Torkko, Ph.D. in Epidemiology. Vitamin D Receptor Gene Polymorphisms and Prostate Cancer, 4/05.

Jason Glanz, Ph.D. in Epidemiology. The Risk of Idiopathic Thrombocytopenic Purpura (ITP) Following Measles, Mumps, and Rubella (MMR) Vaccination: Attributable Risk and a Simulation Study to Evaluate Four Study Designs, 4/05.

Katherine Pratte, MSPH. Plasminogen Activator Inhibitor-1's Association with Coronary Artery Calcification in Type 1 Diabetes, 7/05.

Kathe Bjork, PhD in Biostatistics. Robust Singular Value Decomposition and Mixture Modeling for Detecting Informative Genes and Gene Clusters from Microarray Experiments, 5/06. (Chair)

Heather Brady, PhD in Epidemiology. The Vitamin D Receptor Gene and Vitamin D Status in Children Who Are at Increased Risk of Developing Type 1 Diabetes, 6/06.

Chan Zeng, PhD in Biostatistics. Multivariate General Linear Model Under Permutation Theory with Application to Gene Expression Data, 9/07. (Chair)

Dexiang Gao, PhD in Biostatistics. Analysis of Longitudinal Count Data, 11/07. (Chair)

Xian Lu, MS in Biostatistics. Use of Marginal Structural Models to Estimate the Causal Effect of Environmental Tobacco Smoke Exposure on Asthma Rescue Medication Use in Asthmatic Children, 7/08.

Blessing Wazara, MPH in Biostatistics. Socioeconomic Factors for RSV in Indonesian Children, 12/08.

Lijing Zhang, MS in Biostatistics. Optimal Risk Window for Self-Control Case Series Designs in Vaccine Safety Studies, 12/08.

Adam Boyd, PhD in Biostatistics. Censoring-robust Treatment Effect Estimation in Clinical Trials with Time-to-event Outcomes, 3/09. (Chair)

Patrick Hosokawa, MS in Biostatistics. Data Imputation of lab values: Which method works best?, 5/09.

Alma Palisoc, MSPH. The contribution of immigration to the increasing hepatocellular carcinoma incidence: A thirty year analysis of trends in the SEER 9 data from 1975 to 2004, 5/09.

Thesis Committee Member (Chair or Mentor, where noted): (cont'd)

Lynn Johnson, MS in Biostatistics. Cardiac Procedures Following Acute Myocardial Infarction: Sequence, Timing, and Mortality, 5/09.

Xiang Yin, PhD in Biostatistics. Monitoring Clinical Trials with Multiple Dose Groups, 6/09.

Miranda Grote, MS in Biostatistics. A Comparison of Methods to Test Intermediate Endpoint Effects in Logistic Regression, 9/09.

Carol-Ann Goheen De Maio, MSPH. Validation of a hereditary cancer screening tool for genetic testing for Hereditary Breast and Ovarian Cancer and Hereditary Non-polyposis Colorectal Cancer syndromes for use in a primary care setting, 12/09. (Chair)

Melissa Simpson, PhD in Epidemiology. Mucosal Immunity and the Risk for Type 1 Diabetes, 3/10.

Bryan McNair, MS in Biostatistics. Survival Analysis: Modelling Website Usability with Mixed Discrete Survival Models, 12/11. (Chair)

Course Director:

1983	Director for Introduction to Biostatistics, University of Texas School of Allied Health Sciences, Houston, Texas; a 3-credit required methods course for Allied Health students.
1984, 1988, 1991 1994, 1997, 1999 2004	Director for BIOM 6602, a required 3-credit statistical methods course with lab for graduate students in Public Health and others.
1988, 1990, 1991 1993, 1998, 2001 2002, 2007, 2010	Director for BIOM 6601, a required 3-credit statistical methods course with lab for graduate students in Public Health and others.
1985, 1988, 1989 1991, 1995, 1997 1999, 2001, 2005, 2009, 2011, 2012	Director for BIOM 6646, Survival Analysis, a 3-credit course for Biometrics graduate students, emphasizing life-table and survival regression methodology. (2 credits on semester system; 3 credits starting in spring 2011 )
1985	Co-director for BIOM 500, a required, 2-credit statistical and epidemiologic methods course for first-year medical students.
1985	Co-director for ICM-IDPT 503, Epidemiology, a required, 2-credit statistical and epidemiologic methods course for first-year medical students.
1987	Director BIOM 6612, Computer Oriented Statistical Methods, a 3-credit course for Biometrics graduate students, emphasizing regression methodology using statistical packages.
1992, 1995 2005, 2009, 2011	Director for BIOM 6611, Computer Oriented Statistical Methods, a 3-credit course for Biometrics graduate students, emphasizing probability and hypothesis testing using statistical packages.
1993	Director for BIOM 6633, Introduction to Statistical Theory, a 3-credit course for Biometrics graduate students emphasizing the theory of hypothesis testing and nonparametric statistics.

- 2009-2010 Co-Director, PUBH6955, Master's Project, a 1-2 credit course for MPH students to complete an independent Master's Project in which the student demonstrates public health competencies (1 credit) and a set of Capstone activities that include presentations and a reflective report of the project (1 credit).
- 2011 Co-Director, EPID7915, Analytic Epidemiology – 1 credit module on survival analysis with Gary Grunwald PhD

Core Faculty:

- 1996-1997 Director for BIOM 6621, Consulting Methods a 1-credit course for Biometrics graduate students emphasizing the development and use of consulting skills in the biomedical research environment.
- 1998, 2001-02
- 1984 Biometrics 6682, an elective 3-credit computer literacy course which provides an introduction to programming and programming languages.
- 1985 Research Methods Course on Grant Development, a 6-week seminar offered for junior investigators by the Department of Preventive Medicine and Biometrics.

Other:

- 1985 Biostatistics Postgraduate Seminar Director for the American Occupational Medicine Association Meetings, April 28, 1985, Denver, Colorado. The seminar was intended to assist physicians in preparing for the Board examination in Occupational Medicine.
- 1987, 1988, 1991  
2001, 2003 Lecturer in PRMD 6631 Advanced Epidemiologic Methods for graduate students in Public Health.
- 1989, 1991 Instructor, Graduate Experience for Minority Student Summer Program (GEMS).
- 1991, 1992 Lecturer, Symposium on Research Methods in Emergency Medicine, UCHSC.
- 1991 Lecturer on Survival Analysis - Head and Neck Tumor Conference, UCHSC.
- 1991 Lecturer, PRMD 6629 Clinical Epidemiology for Preventive Medicine Residents and others.
- 1991, 1992  
1993, 1995 Guest Lecturer, Introduction to Epidemiology, Department of Environmental Sciences, Colorado State University.
- 1994, 1995 Guest Lecturer, Introduction to Statistical Consulting, Department of Applied Mathematics, University of Colorado at Denver.
- 1996, 1998 Lecturer, PRMD 6910 Field Study in Epidemiologic Research Methods, UCHSC

TEACHING AWARDS:

- 1991 Biometrics Faculty Teaching Award - given by Graduate Students in Biometrics
- 1995 Departmental Teaching Award - given by the Graduate Students in Public Health and Biometrics
- 2001 Departmental Teaching Award - given by the Graduate Students in Public Health and Biometrics

RESEARCH EXPERIENCE:

- 1977-1978      Discriminant Analysis: Determinants of choice and cost implications of Inpatient vs. Outpatient surgery in an HMO, with Dave Lairson, Ph.D.
- 1979-1984      Survival Analysis: Prognostic factors for survival after coronary artery bypass surgery. Led to Master's Thesis: Variable Selection in the Multiple Logistic and Cox Proportional Hazards Models with Applications to Survival After Coronary Bypass Surgery (September, 1980). Advisor: Abraham Silvers, Ph.D.
- 1982-1984      Longitudinal analysis and tracking of blood pressure in adolescents, with David Fixler, MD.
- 1982-present    Discriminant Analysis: Classification by various methods under specific distributional assumptions. Led to Ph.D. dissertation: Distributional Properties Affecting Classification in Multiple Group Discriminant Analysis (July, 1984). Advisor: Ronald N. Forthofer, Ph.D.
- 1984-1985      Treatment of Cancer in the Elderly, with Jim Murphy, Ph.D.
- 1985-1990      Misclassification of covariates and its effect on estimates of risk, with David Savitz, Ph.D. and Beth Alderman, MD, MPH.
- 1986-1994      Psychiatric Epidemiology: Subjective well-being and Psychometric properties of the CES-D in older American Indians with chronic disease, with Spero Manson, Ph.D.
- 1989-1994      Cancer Epidemiology: Risk factors for renal cell cancer, cancers of the upper aero-digestive tract, and melanoma, with Silvia Franceschi, MD, and Renato Talamini, Ph.D.
- 1989-present    Model identification: Additivity vs. multiplicativity of combined effects of risk factors.
- 1990-present    Use of polychotomous logistic regression and general relative risk models to estimate and compare combined risk across disease groups.
- 1994-present    Longitudinal Discriminant Analysis, with Guillermo Marshall, Ph.D.
- 1994-1998      Cancer Epidemiology: Body size and breast cancer in Italy, with Silvia Franceschi, MD.
- 1994-1996      Psychiatric Epidemiology: PTSD in American Indian Vietnam Veterans, with Jan Beals, Ph.D.
- 1995-2000      Evaluation of Socially focused HIV Preventive Interventions in Injection Drug Users, with Steve Koester, Ph.D.
- 2002-present    Evaluation for biomarkers for early detection of lung cancer
- 2006-present    Multiplex serology for *Helicobacter pylori* and severity of gastric lesions, with Martyn Plummer, Didier Colin, and Silvia Franceschi, MD.

FUNDED RESEARCH:

Epidemiology of Cancer in the Elderly, American Cancer Society Institutional Research Grant, Anna E. Barón, Ph.D. and James R. Murphy, Ph.D., Co-P.I.'s 10/1/84-8/31/85, \$2,000.

American Indian and Alaska Native Mental Health Research and Development Center, R01 NH41424-05, 7/1/86-6/30/91, Spero M. Manson, Ph.D., P.I., Biostatistician - 50% (9/1/87-8/31/89), 20% (9/1/90-6/30/91), Annual Direct Costs = \$3000,000. NIMH.

Epidemiologic Study of Craniosynostosis Occurrence, R29 HD22831 02 5, 2/1/88-1/31/93, Beth W. Alderman, M.D., MPH, P.I., Biostatistician - 5% (2/1/88-8/31/89), Annual Direct Costs = \$63,193. NICHD.

University of Colorado Health Sciences Center Core Grant, 5P30 CA469634-03, 3/1/88-2/28/91, Paul Bunn, M.D., P.I., Biostatistics Core - 30% (9/1/90-2/28/91), Annual Direct Costs = \$943,327. NCI

American Indian and Alaska Native Mental Health Research and Development Center R01 NH41424-Renewal, 7/1/91-6/30/96, Spero M. Manson, Ph.D., P.I., Biostatistician - 20%, Total Direct Costs = \$4,582,173. NIMH.

Alcohol Use/Abuse Among Indian High School Students, R01 AA08747-01A1, 7/1/91-6/30/96, Spero M. Manson, Ph.D., & Janette Beals, Ph.D., Co-P.I.'s, Biostatistician - 5%, Total Direct Costs = \$3,300,000. NIAAA.

University of Colorado Health Sciences Center Cancer Center Core Grant, 5P30 CA46934-Renewal, 2/28/96-2/28/01, Paul Bunn, M.D., P.I., Biostatistics Core - 35% (current), Annual Direct Costs = \$106,878. NCI. (Active since 1990).

Passport Study, Bruce Scoggins, Ph.D. and William Frankenburg, M.D., Co-P.I.'s, Biostatistician - 5% (9/1/91-12/31/94), Annual direct Costs = \$221,000. Packard Foundation

Hispanic Health and Aging, San Luis Valley, CO. AG10940-01, Richard F. Hamman, M.D., Dr. P.H., P.I., 7/1/92-6/30/97, Biostatistician, 20%, Annual Direct Costs = \$308,078. NIA.

Initiating Contraception in an STD Clinic Setting, 13.974, Judy Shlay, M.D., P.I., 12/1/96-11/30/00, Biostatistician, 5%, \$19,893 (sub-contract), Health Services Research.

A Study of Individual/Network HIV Interventions for IDUs, PA 94-010, Stephen Koester, Ph.D., P.I., 10/1/96-12/31/2000, Biostatistician (Co-PI), 30%, Total Direct Costs = \$2,931,360. NIDA.

Nutritional Etiology of Prediabetic Autoimmunity, Jill M. Norris, Ph.D., P.I., 7/01/97 - 3/31/12 Biostatistician, 5%, Total Direct Costs= \$1,332,171, NIDDK.

Natural History of Pre-diabetic Autoimmunity, 5R01 DK32493-10A2, Marian Rewers. M.D. Ph.D., P.I., 07/01/97-06/30/00, Biostatistician, 5%, Total Direct Costs=\$323,683, NIDDK.

Medical Surveillance for Former Workers at the Rocky Flats Environmental Technology Site, A. James Rutenber, M.D., 10/1/96 - 9/30/01, Biostatistician, 5%, Total Direct Costs=\$465,566, DOE.

Multi-center Study of State/Trait Markers in Alcoholism, Boris Tabakoff, Ph.D., 5/1/98-12/31/98, Biostatistician, 20%, Total Direct Costs = \$ 467,768, NIAAA.

HIV/STD prevention research in 2 American Indian tribes, CM Mitchell, Ph.D., 01/01/99 - 12/31/03, Biostatistician, 10%, Total Direct Costs = \$ 1,602,000, NIMH.

FUNDED RESEARCH: (cont'd)

UC Cancer Center Biostatistics Core, Anna E. Barón, Ph.D., 2/01/96-1/31/11, Core Director since 10/00, 20-25%, Total 5-yr. Direct Costs = \$936,414, NCI. Extension to 1/31/12.

Fetal growth as a predictor of chronic disease risk, Tim Byers, MD, MPH, 3/1/99-2/28/02, Co-Investigator and Biostatistician, 0%, NHLBI.

Markers for Thrombotic events, Richard Marlar, Ph.D., 4/1/99-3/31/01, Co-Investigator and Biostatistician, 5%, VA.

Clinical Research in Stem Cell Transplantation, Scott Bearman, MD, 9/2000-08/2005, Co-Investigator and Biostatistician, 5%, Direct Costs = \$125,332, NCI.

UC Cancer Center Lung SPORE Biostatistics Core, Anna E. Barón, Ph.D., 5/1/01-4/30/13, Core Director since 10/00, 20-25%, Total 5-yr. Direct Costs = \$807,597, NCI.

CD-ROM Intervention for Prostate Cancer Screening, Lori Crane, Ph.D., 09/02-9/04, Co-Investigator and Biostatistician, 10%, Direct Costs = \$281,938, CDC.

Alcohol Health Disparities in 2 Indian Populations, Doug Novins, MD, 09/15/02 - 9/14/05, Consultant and Biostatistician, 10%, Direct Costs = \$1,000,000, NIAAA.

Exercise, Physical Function, And Parkinson's Disease, Margaret Schenkman, Ph.D., 04/11/03-12//31/09, Co-Investigator and Biostatistician, 5%, Direct Costs= \$343,126, NICHD. No cost extension to June, 2011.

R21/R33-Quantitative HOX Expression as a Prognostic Marker in AML, Harry Drabkin, MD, 09/01/03-08/31/06, Co-Investigator and Biostatistician, 5%, Direct Costs = \$262,939, NCI.

Skin Cancer Prevention in a Pediatric Population, Lori Crane, Ph.D. 10/1/03-9/30/2007, Co-Investigator and Biostatistician, 10%, Direct Costs = \$463,981, NCI.

Overcoming Age-Related Barriers to Early Clinical Trials. Gail Eckhardt, MD, 8/1/2004-2/28/2005, Co-Investigator and Biostatistician, 5%, Direct Costs = \$ 869,778, NCI.

Early Detection Research Network: Biomarkers Development Laboratory, Wilbur Franklin, MD, 10/1/2004-9/30/2007, Co-Investigator and Biostatistician, 10%, Direct Costs = \$1,849,113, NCI.

Skin Cancer Prevention in a Pediatric Population, Lori Crane, Ph.D., 2/1/2010-1/31/2015 , Co-Investigator and Biostatistician, 10-15%, Direct Costs = \$1,997,715 , NCI.

The Six1/Eya Transcriptional complex as a mediator of lymphangiogenesis and lymphatic metastasis, Heide Ford, Ph.D. 04/01/2011 – 3/30/2016, Co-Investigator and Biostatistician, 5%, Direct Costs = \$207,500, NCI.

Multilevel and Longitudinal Study Sample Size Tools for Behavioral Scientists, Keith Muller, Ph.D. 12/09/2010-11/30/2014, Co-Investigator, 20%, Direct Costs = \$\$524,653, NIDCR.



## Bibliography

### PUBLICATIONS in REFEREED JOURNALS: (\* Resulted from student thesis.)

1. Lairson, D.R., Barón, A.E., Swint, J.M., Greenlick, M.R., and Marks, S.D. (1980). Do-Not-Admit Versus Inpatient Surgery in an HMO: determinants of Choice and the Implications for Medical Care Costs. Health Services Research, 15(4):378-396.
2. Lawrie, G.M., Morris, G.C. Jr., Silvers, A., Wagner, W.F., Barón, A.E., Beltangady, S.S., Glaeser, D.H., and Chapman, D.W. (1982). The Influence of Residual Disease After Coronary Bypass on the Five Year Survival of 1274 Men with Coronary Artery Disease. Circulation, 66:717-723.
3. Lawrie, G.M., Morris, G.C. Jr., Calhoun, J.H., Safi, H., Zamora, J.L., Beltangady, M., Barón, A.E., Silvers, A. and Chapman, D.W. (1982). Clinical Results of Coronary Bypass in 500 Patients at Least 10 Years After Operation. Circulation: 66(suppl. 1): I-1-5.
4. Barón, A.E., Freyer, B.S., Fixler, D.E. (1985). Longitudinal Blood Pressures in Blacks, Whites and Mexican Americans During Adolescence and Early Adulthood. American Journal of Epidemiology, 123:809-817.
5. Alderman, B.W., Barón, A.E., Savitz, D.A. (1987). The Relationship Between Neighborhood Carbon Monoxide Levels and Infant Birthweight. Public Health Reports, 102:410-414.
6. Boyko, E.J., Alderman, B.W., Barón, A.E. (1988). Reference Test Errors Bias the Evaluation of Diagnostic Tests for Ischemic Heart Disease. Journal of General Internal Medicine, 3:476-481.
7. Savitz, D.A., Barón, A.E. (1989). Confounder Misclassification; Estimation of Effect and Method for Correction. American Journal of Epidemiology, 129:1062-9-1071.
8. Ackerson, L.M., Dick, R.W., Manson, S.M., and Barón, A.E. (1990). Properties of the Inventory to Diagnose Depression in American Indian Adolescents. J. Am. Acad. Child Adolesc. Psychiatry 29, 4:601-607.
9. Barra, S., Barón, A.E., Barzan, L., Caruso, G., Veronesi, A., Talamini, R., Comoretto, R., and Franceschi, S. (1990). Pilot Screening for Upper Aero-Digestive Tract Tumors in Northeastern Italy. Social and Preventive Medicine, 35:159-163.
10. Boyko, E.J., Alderman, B.W., Keane, E.M., and Barón, A.E. (1990). Effects of Childbearing on Glucose Tolerance and NIDDM Prevalence. Diabetes Care, 13:848-854.
11. Franceschi, S. Bidoli, E., Barón, A.E., and La Vecchia, C. (1990). Maize and Risk of Cancer of the Oral Cavity, Pharynx and Esophagus. Journal of the National Cancer Institute, 82:1407-1411.
12. Franceschi, S., Talamini, R., Barra, S., Barón, A.E., Negri, E., Bidoli, E., Serraino, D., and La Vecchia, C. (1990). Smoking and Drinking in Relation to Cancers of the Oral Cavity, Pharynx, Larynx, and Esophagus in Northern Italy. Cancer Research, 50:6502-6507.
13. Franceschi, S., Barón, A.E., and La Vecchia, C. (1990). The Influence of Female Hormones on Malignant Melanoma. Tumori, 76:439-449.
14. Franklin, G.M., Ringel, S.P., Jones, M., and Barón, A.E. (1990). A Prospective Study of Principal Care Among Colorado Neurologists. Neurology, 40:701-704.
15. Manson, S.M., Ackerson, L.M., Dick, R.W., Barón, A.E., and Fleming, C.M. (1990). Depressive Symptoms Among American Indian Adolescents : Psychometric Characteristics of the Center for Epidemiologic Studies Depressive Scale. Journal of Consulting and Clinical Psychology, 2:231-237.

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

16. Talamini, R., Barón, A.E., Barra, S., Bidoli, E., La Vecchia, C., Negri, E., Serraino, D., and Franceschi, S. (1990). A Case-Control Study of Risk Factors for Renal Cell Cancer in Northern Italy. Cancer Causes and Control, 1:125-131.
17. Barón, A.E. (1991). Misclassification Among Methods Used for Multiple Group Discrimination - the Effects of Distributional Properties. Statistics in Medicine, 10:757-766.
18. Franceschi, S., Bidoli, E., Barón, A.E., Barra, S., Talamini, R., Serraino, D., and La Vecchia, C. (1991). Nutrition and Cancer of the Oral Cavity and Pharynx in Northeast Italy. International Journal of Cancer, 47:20-25.
19. Neligh, G., Barón, A.E., Braun, P., and Czarnecki, M. (1991). Panic Disorder Among American Indians: A Descriptive Study. American Indian and Alaska Native Mental Health Research, 4:43-53.
20. Barra, S., Barón, A.E., Franceschi, S., Talamini, R., and La Vecchia, C. (1991). Cancer and Non-Cancer Controls in Studies on the Effect of Tobacco and Alcohol Consumption. International Journal of Epidemiology, 20:845-851.
21. Lasse, D.L., Savitz, D.A., Hamman, R.F., Barón, A.E., Brinton, L.A., and Levine, R.S. (1991). Invasive Cervical Cancer and Intrauterine Device Use. International Journal of Epidemiology, 20:865-870. \*
22. McGregor, J.A., Leff, M., Orleans, M., and Barón, A.E. (1992). Fetal Gender Differences in Preterm Birth: Findings in a North American Cohort. The American Journal of Perinatology.
23. Plasencia, C.M., Barón, A.E., Alderman, B.W., and Boyko, E.J. (1992). A Method to Describe Physician Decision Thresholds and its Application in Examining the Diagnosis of Coronary Artery disease Based on Exercise Treadmill Testing. Medical Decision Making, 12:204-212. \*
24. Leff, M., Orleans, M., Haverkamp, A.D., Barón, A.E., Alderman, B.W., and Freedman, W.L. (1992). The Association of Maternal Low Birth Weight and Infant Low Birth Weight in a Racially Mixed Population. Pediatric and Perinatal Epidemiology, 6:51-61. \*
25. Gay, E.C., Cai, Y.H., Gale, S.M., Barón, A.E., Cruickshanks, K.J., Kostraba, J.N., and Hamman, R.F. (1992). Smokers with Insulin-Dependent Diabetes Mellitus Experience Excess Morbidity: The Colorado IDDM Registry. Diabetes Care, 15:947-952.
26. Alderman, B.W., Barón, A.E., and Savitz, D.A. (1993). Caution in the Use of Antecedents as Surrogates for Confounders. American Journal of Epidemiology, 137:1257-1272.
27. Barón, A.E., Franceschi, S., Barra, S., Talamini, R., and La Vecchia, C.A. (1993). Comparison of the Joint Effects of Alcohol and Smoking on the Risk of Cancer Across Sites in the upper Aero-Digestive Tract. Cancer Epidemiology, Biomarkers and Prevention, 2:519-523.
28. Serraino, D., Franceschi, S., Tassan, M., Barón, A.E., and Talamini, R. (1993). Cigarette Smoking Recidivism After Participation in the "Five-Day Plant to Stop Smoking" in Northeastern Italy. Preventive Medicine, 22:272-283.
29. Alderman, B.W., Bradley, C.M., Greene, C., Fernbach, S.K., and Barón, A.E. (1994). Increased Risk of Craniosynostosis with Maternal Cigarette Smoking During Pregnancy. Teratology, 50:13-18. \*
30. Miller, L., Hoffman, R., Marine, W., Barón, A.E., and Malinkovich, P. (1994). Factors for Delayed Immunization Against Measles, Mumps, and Rubella in Colorado Two-Year Olds. Pediatrics, 94:213-219. \*

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

31. Barbour, L., Kick, S., Steiner, J., LoVerde, M.E., Heddleston, L.N., Lear, J.L., Barón, A.E., and Barton, P.L. (1994). A Prospective Study of Heparin-Induced Osteoporosis in Pregnancy Using Bone Densitometry. American Journal of Obstetrics and Gynecology, 170:862-869. \*
32. Marine, W.M., Kerwin, E.M., Moore, E.E., Lezotte, D.C., Barón, A.E., Grosso, M.A. (1994). Mandatory Seatbelts: Epidemiologic, Financial, and Medical Rationale from the Colorado Matched Pairs Study. Journal of Trauma, 36:96-100.
33. Alderman, B.W., Zamudio, S., Barón, A.E., Joshua, S.C., Fernbach, S.K., Greene, C., and Mangione, E.J. (1995). Increased Risk of Craniosynostosis with Higher Antenatal Maternal Altitude. International Journal of Epidemiology, 24:420-426.
34. Andres, T.L., Barón, A.E., Wright, R.A., and Marine, W.M. (1996). Tracking Sentinel Events: Urban Care Neighborhoods at Risk for Advanced Stage Female Breast Cancer. American Journal of Public Health, 86:717-722. \*
35. Schluter, W.W., Judson, F.N., Barón, A.E., McGill, W.L., Marine, W.M., and Douglas, J.M. (1996). Utility of HIV Post-Test Counseling by Telephone for Low Risk Clients of an Urban Sexually Transmitted Diseases Clinic. Sexually Transmitted Diseases, 23:190-197. \*
36. Franceschi, S., Favero, A., La Vecchia, C., Barón, A.E., Negri, E., DalMaso, L., Giacosa, A., Montella, M., Conti, E., and Amadori, D. (1996). Body Size Indices and Breast Cancer Risk Before and After Menopause. International Journal of Cancer, 67:181-186.
37. Bearman S.I., Lee J.L., Barón A.E. McDonald, G.B. (1997). Treatment of hepatic venocclusive disease with recombinant human tissue plasminogen activator and heparin in 42 marrow transplant patients. Blood, 89(5):1501-6.
38. Takahashi, K., Kozono, Y., Waldschmidt, T.J., Berthiaume, D., Quigg, R.J., Barón, A.E., and Holers, V.M., (1997). Complement Receptors and Regulatory Proteins in the MRL/lpr Model of Human SLE: Altered Expression During Disease Progression. Journal of Immunology, 159:1557-1569.
39. Bearman, S.I., Overmoyer, B.A., Bolwell, B.J., Taylor, C.W., Shpall, E.J., Cagnoni, P.J., Mechling, B.E., Ronk, B., Barón, A.E., Purdy, M.H., Ross, M. and Jones, R.B. (1997). High-dose chemotherapy with autologous peripheral blood progenitor cell support for primary breast cancer in patients with 4-9 involved axillary lymph nodes. Bone Marrow Transplantation, 20:931-937.
40. Tudor, S.M., Johnson, D.W., Hamman, R.F., Shetterly, S.M. and Barón, A.E. (1998). Incidence and Progression of Diabetic Retinopathy in Hispanics and Non-Hispanic Whites with Type 2 Diabetes. Diabetes Care, 21:53-61. \*
41. Cagnoni, P., Nieto, Y., Shpall, E.J., Bearman, S., Barón, A.E., Ross, M., Matthes, S., Dunbar, S.E., and Jones, R.B. (1998) High-dose Chemotherapy with Autologous Hematopoietic Progenitor Cell Support as part of Combined Modality Therapy in Patients with Inflammatory Breast Cancer. Journal of Clinical Oncology, 16:1661-1668.
42. Menninger, J., Barón, A.E., and Tabakoff, B. (1998). Effects of Abstinence and Family History for Alcoholism on Platelet Adenylyl Cyclase. Alcohol Clinical and Experimental Research, 22:1955-1961.
43. Mulgrew, C.L., Morgenstern, N.E., Shetterly, S.M., Baxter, J., Barón, A.E., and Hamman, R.F. (1999). Distribution of cognitive functioning and impairment among rural elderly Hispanics and non-Hispanic whites as assessed by the MMSE. Journals of Gerontology: Psychological Sciences.

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

44. Marshall, J.A., Lopez, T.K., Shetterly, S.M., Morgenstern, N.E., Baer, K., Swenson, C., Barón, A.E., Baxter, J., and Hamman, R.F. (1999). Indicators of Nutritional Risk in a Rural Elderly Hispanic and Non-Hispanic White Population: San Luis Valley Health and Aging Study. Journal of the American Dietetic Association, 99:315-322.
45. Nieto, Y., Cagnoni, P.J., Bearman, S.I., Shpall, E.J., Matthes, S., DeBoom, T., Barón, A.E. and Jones, R.B. (1999). Acute Encephalopathy: A New Toxicity Associated with High-Dose Paclitaxel. Clinical Cancer Research, 5:501-506.
46. Nieto, Y., Cagnoni, P.J., Shpall, E.J., Matthes, S., Barón, A.E., Jones, R.B. and Bearman, S.I. (1999). Phase II Trial of High-Dose Chemotherapy with Autologous Stem Cell Transplant for Stage IV Breast Cancer with Minimal Metastatic Disease. Clinical Cancer Research, 5:1731-1737.
47. Johnson, D.W., Cagnoni, P.J., Schossau, T.M., Stemmer, S.M., Grayeb, D.E.M., Barón, A.E., Shpall, E.J., Bearman, S.I., McDermitt, J., and Jones, R.B. (1999). Optic Disc and Retinal Microvasculopathy After High-Dose Chemotherapy and Autologous Hematopoietic Progenitor Cell Support. Bone Marrow Transplantation, 24:785-792.
48. Marshall, G. and Barón, A.E. Linear Discriminant Models for Longitudinal Data (2000). Statistics in Medicine, 19:1969-1981.
49. Garg, K., Kemp, J.L., Wojcik, D., Hoehn, S., Johnston, R.J., Macey, L.C., and Barón, A.E. (2000). Thromboembolic Disease: Prospective Comparison of Combined CT Pulmonary Angiography and Venography with Bilateral Leg Sonography in 70 Patients. American Journal of Roentgenology, 175:997-1001.
50. Menninger, J.A., Barón, A.E., Conigrave, K.M., Whitfield, J., Saunders, J.B., Helander, A., Eriksson, C.J.P., Grant, B. Hoffman, P.L., Tabakoff, B., on behalf of the WHO/ISBRA Collaborative Study Investigators (2000). Platelet Adenylyl Cyclase Activity as a Trait Marker of Alcohol Dependence (in press). Alcoholism: Clinical and Experimental Research, 24:810-821.
51. Shlay, J.C., Dunn, T., Byers, T., Barón, A.E., Douglas, J.M. (2000). Prediction of Cervical Intraepithelial Neoplasia 2/3 in women with Atypia on Pap Smear. Obstetrics and Gynecology, 96:410-416. \*
52. Walsh P. Gonzalez R. Dow S. Elmslie R. Potter T. Glode LM. Barón A.E. Balmer C. Easterday K. Allen J. Rosse P. (2000). A phase I study using direct combination DNA injections for the immunotherapy of metastatic melanoma. University of Colorado Cancer Center Clinical Trial. Human Gene Therapy, 11(9):1355-68.
53. Torkko, K.C., Gershman, K., Crane, L.A., Hamman, R., Barón, A.E. (2000). Testing for Chlamydia and sexual history taking in adolescent females: results from a statewide survey of Colorado primary care providers. Pediatrics, 106(3):E32. \*
54. Garg, K., Kemp, K.L., Russ, P.D. and Barón, A.E. (2001). Thromboembolic Disease: Variability of Interobserver Agreement in the Interpretation of CT Venography with CT Pulmonary Angiography. American Journal of Radiology, 176:1043-1047.
55. Kadan-Lottick, N., Marshall, J., Barón, A.E., Krebs, N.F., Hambidge, M., and Albano, E. (2001). Normal Bone Mineral Density in Survivors of Childhood Acute Lymphoblastic Leukemia Diagnosed Between 1991 and 1998. Journal of Pediatrics, 138:898-904. \*

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

56. Bunn, P.A. Jr, Helfrich, B., Soriano, A.F., Franklin, W.A., Varella-Garcia, M., Hirsch F.R., Barón, A.E., Zeng, C., Chan, D.C. (2001) Expression of her-2/neu in human lung cancer cell lines by immunohistochemistry and fluorescence *in situ* hybridization and its relationship to in vitro cytotoxicity by trastuzumab and chemotherapeutic agents. Clinical Cancer Research, 7:3239-50.
57. Ruttenber, A.J., Harrison, L.T., Barón, A.E., McClure, D., Glanz J., Quillin, R., O'Neill, J.P., Sullivan, L., Campbell, J., Nicklas, J.A. (2001). *hprt* Mutant Frequencies, Nonpulmonary Malignancies, and domestic Radon Exposure: "Postmortem" Analysis of an Interesting Hypothesis. Environmental and Molecular Mutagenesis, 37:7-16. \*
58. Tabakoff, B., Helander, A., Conigrave, K.M., Martinez, L., Hoffman, P.L., Whitfield, J., Degenhardt, L., Saunders, J., Barón A.E., Glanz, J. Members of WHO/ISBRA Study Group. (2001). WHO/ISBRA study on state and trait markers in alcoholism. Alcoholism: Clinical & Experimental Research. 25(5 Suppl ISBRA):99S-103S.
59. Chan, D., Gera, L., Stewart, J., Helfrich, B., Varella-Garcia, M., Johnson, G., Barón, A.E., Yang, J., Puck, T., Bunn, P.A. Jr. (2002). Bradykinin antagonist dimer, CU201, inhibits the growth of human lung cancer cell lines by a "biased agonist" mechanism. Proc Natl Acad Sci USA 99(7):4608-13.
60. Chan, D.C., Earle, K., Zhao, T.L.M., Helfrich, B., Zeng, C., Barón, A.E., Whitehead, C.M., Piazza, G., Pamukcu, R., Thompson, W.J., Alila, H., Nelson, P., Bunn, P.A. Jr. (2002). Exisulind in combination with docetaxel inhibits growth and metastasis of human lung cancer and prolongs survival in athymic nude mice and rats. Clinical Cancer Research 8:904-12.
61. Bremnes, R., Veve, R., Gabrielson, F.R., Hirsch, F.R., Barón, A.E., Bemis, L.T., Gemmill, R.M., Drabkin, H.A., Franklin, W.A. (2002). High throughput tissue microarray analysis used to evaluate biology and prognostic significance of the E-cadherin pathway in non-small cell lung cancer. J Clin Oncol, 20(10):2417-28.
62. Drabkin, H.A., Parsy, C., Ferguson, K., Guilhot, F., Lacotte, L., Roy, L., Zeng, C., Barón, A.E., Hunger, S.P., Varella-Garcia, M., Gemmill, R., Brizard, F., Brizard, A. and Roche, J. (2002). Quantitative Hox Expression In Chromosomally Defined Subsets Of Acute Myelogenous Leukemia. Leukemia, 16(2):186-95.
63. Hirsch, F., Varella-Garcia, M., Veve, R. Barón, A.E., Zeng, C., Franklin, W, Bunn, P. (2002). Evaluation of HER2/NEU amplification/expression in lung tumors by fluorescence *in situ* hybridization and immunohistochemistry. British Journal of Cancer. 86(9):1449-56.
64. Martinez, L.D., Barón, A.E., Helander, A., Tabakoff, B. (2002). The effect of total body water on the relationship between alcohol consumption and CDT levels. Alcoholism: Clinical and Experimental Research, 26:1097-1104. \*
65. Ramstrom, K.C., Barón, A.E., Crane, L.A., Shlay, J.C. (2002). Predictors of Contraceptive Discontinuation in an STD Clinic Population. Perspectives on Sexual and Reproductive Health, 34:146-152.\*
66. Nieto, Y., Nawaz, S., Jones, R.B., Shpall, E.J., Cagnoni, P.J., McSweeney, P.A., Barón, A.E., Razoock, C., Matthes, S., Bearman, S.I. (2002). Prognostic model for relapse after high-dose chemotherapy with autologous stem-cell transplantation for stage IV oligometastatic breast cancer. Journal of Clinical Oncology, 20(3):707-18.
67. Innes, K.E., Byers, T.E., Marshall, J.A., Barón A.E., Orleans, M., Hamman, R.F. (2002). Association of a woman's own birth weight with subsequent risk for gestational diabetes. JAMA, 287(19):2534-41. \*

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

68. Gemmill, R.M., Bemis, L.T., Lee, J.P., Sozen, M.A., Barón, A.E., Zeng, C., Erickson, P.F., Hooper, J.E., Drabkin, H.A. (2002). The TRC8 hereditary kidney cancer gene suppresses growth and functions with VHL in a common pathway. Oncogene, 21(22):3507-16.
69. Lukacs, S.L., France, E.K., Barón, A.E., Crane, L.A. (2002). Effectiveness of an Asthma Management Program for Pediatric Members of a Large Health Maintenance Organization. Archives of Pediatrics & Adolescent Medicine, 156:872-876. \*
70. Gottlieb, S.L., Douglas, J.M., Schmid, D.S., Bolan, G., Iatesta, M., Malotte, C.K., Zenilman, J., Foster, M., Barón, A.E., Steiner, J.F., Peterman, T.A., and Kamb, M.L., for the Project RESPECT Study Group (2002). Seroprevalence and Correlates of Herpes Simplex Virus type 2 (HSV-2) Infection in Five Sexually transmitted Disease Clinics. Journal Of Infectious Diseases, 186:1381-1389. \*
71. Shpall, E.J., Quinones, R., Giller, R., Zeng, C., Barón, A.E., Jones, R.B., Bearman, S.I., Nieto, Y., Freed, B., Madinger, N., Hogan, C.J., Slat-Vasquez, V., Russell, P., Blunk, B., Schissel, D., Hild, E., Malcolm, J., Ward, W., McNiece, I.K. (2002). Transplantation of ex vivo expanded cord blood. Biol Blood Marrow Transplant, 8(7):368-376.
72. Hirsch, F.R., Varella-Garcia, M., Di Marie, M.V., Veve, R., Barón, A.E., Zeng, C., Franklin, W.A., Bunn, P.A. Jr. (2003). Epidermal growth factor receptor in non-small cell lung carcinomas: correlation between gene and protein expression and impact prognosis. J Clin Oncol, 21(20): 3798-3807.
73. Prindiville, S.A., Byers, T., Hirsch, F.R., Franklin, W.A., Miller, Y.E., Vu, K.O., Wolf, H.J., Barón, A.E., Shroyer, K.R., Zeng, C., Kennedy, T.C., Bunn, P.A. Jr. (2003). Sputum cytological atypia as a predictor of incident lung cancer in a cohort of heavy smokers with airflow obstruction. Cancer Epidemiol Biomarkers Prev, 12:987-993.
74. Santos Romeo, M., Sokolova, I.A., Morrison, L.E., Zeng, C., Barón, A.E., Hirsch, F.R., Miller, Y.E., Franklin, W.A., Varella-Garcia, M. (2003). Chromosomal abnormalities in non-small cell lung carcinomas and in bronchial epithelia of high-risk smokers detected by multi-target interphase fluorescence in situ hybridization. J Mol Diagn 5(2):103-112.
75. Shlay, J.C., Mayhugh, B., Foster, M., Maravi, M.E., Barón, A.E., Douglas Jr., J.M. (2003). Initiating Contraception in an STD Clinic Setting: A Randomized Trial. American Journal of Obstetrics and Gynecology, 189(2):473-81.
76. Fronczak, C.M., Barón, A.E., Chase, P. Ross, C., Brady, H.L., Rewers, M., Eisenbarth, G.S. Hoffman, M., Norris, J.M. (2003). *In utero* dietary exposures and risk of islet autoimmunity in offspring. Diabetes Care, 26: 3237-3242. \*
77. Ohira, T., Gemmill, R.M., Ferguson, K., Kusy, S., Roche, J., Brambilla, E., Zeng, C., Barón, A.E., Bemis, L., Erickson, P., Wilder, E., Rustgi, A., Kitajewski, J., Gabrielson, E., Bremnes, R., Franklin, W., Drabkin, H.A. (2003). WNT7a induces E-cadherin in lung cancer cells. Proc Natl Acad Sci. 100:10429-34.
78. Engelman, C.D., Brady, H.L. Barón, A.E., Norris, J.M. (2003). Framingham Heart Study. Comparison between two analytic strategies to detect linkage to obesity with genetically determined age of onset: the Framingham Heart Study. BMC Genetics, 4 Suppl 1:S90.
79. Innes, K.E., Byers, T.E., Marshall, J.A., Barón, A.E., Orleans, M., Hamman, R.F. (2003). Association of a woman's own birth weight with her subsequent risk for pregnancy-induced hypertension. Am J Epidemiol, 158(9):861-70. \*

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

80. Novins, D.K. and Barón, A.E. (2004). American Indian Substance Use: The Hazards for Substance Use Initiation and Progression for Adolescents Ages 14 to 20. Journal of the American Academy of Child and Adolescent Psychiatry, 43(3):316-24.
81. Gottlieb, S.L., Douglas, J.M, Foster, M., Schmid, D.S., Newman, D.R., Barón, A.E., Bolan, G., Iatesta, M. Malotte, C.K., Zenilman, J., Fishbein, M., Peterman, T.A., Kamb, M.L. for the Project RESPECT Study Group (2004). Incidence of Herpes Simplex Virus Type 2 Infection in Five Sexually Transmitted Disease Clinics and the Effect of HIV/STD Risk-reduction Counseling. Journal of Infectious Diseases, 190(6):1059-67. \*
82. Brown, S.C., Schonbeck, M.F., McClure, D., Barón, A.E., Navidi, W.C., Byers, T., Ruttenger, A.J. (2004). Lung cancer and internal lung doses among plutonium workers at the Rocky Flats Plant: a case-control study. Am J Epidemiol, 160(2):163-172. \*
83. Nieto, Y., Franklin, W.A., Jones, R.B., Bearman, S.I., Pellom, J., Barón, A.E., Shpall, E.J. (2004). Prognostic significance of occult tumor cells in the apheresis products of patients with advanced breast cancer receiving high-dose chemotherapy and autologous hematopoietic progenitor cell support. Biol Blood Marrow Transplant, 10(6):415-425.
84. Roche, J., Zeng, C., Barón, AE, Gadgil, S., Gemmill, R.M., Tigaud, I., Thomas, X., Drabkin, H.A. (2004). HOX expression in AML identifies a distinct subset of patients with intermediate cytogenetics. Leukemia, 18(6):1059-63.
85. Witta, S.E., Gustafson, D.L., Pierson, A.S., Menter, A., Holden, S.N., Basche, M., Persky, M., O'Bryant, C.L., Zeng, C., Barón, A.E., Long, M.E., Gibbs, A., Kelly, K., Bunn, P.A., Chan, D.C., Pallansch, P., Eckhardt, S.G. (2004). Phase I and pharmacokinetic study of exisulind and docetaxel in patients with advanced solid tumors. Clin Cancer Res, 10(21):7229-37.
86. Thompson, D.L., Douglas, J.M. Jr., Foster, M., Hagensee, M.E., DiGiuseppi, C., Barón, A.E., Cameron, J.E., Spencer, T.C., Zenilman, J., Malotte, C.K., Bolan, G., Kamb, M.L. and Peterman, T.A. for the Project RESPECT Study Group (2004). Seroepidemiology of Infection with Human Papillomavirus 16, in Men and Women Attending Sexually Transmitted Disease Clinics in the United States. The Journal of Infectious Diseases , 190:1563-1574. \*
87. Nieto, Y., Vredenburgh, J.J., Shpall, E.J., Bearman, S.I., McSweeney, P.A., Chao, N., Rizzieri, D., Gasparetto, C., Matthes, S., Barón, A.E., Jones, R.B. (2004). Phase II feasibility and pharmacokinetic study of concurrent administration of trastuzumab and high-dose chemotherapy in advanced HER2+ breast cancer. Clin Cancer Res, 10:7136-43.
88. Beals, J., Novins, D.K., Spicer, P., Orton, H.D., Mitchell, C.M., Barón, A.E., Manson, S.M., Big Crow, C.K., Buchwald, D., Chambers, B., Christensen, M.L., Dillard, D.A., DuBray, K., Espinoza, P.A., Fleming, C.M., Frederick, A.W., Gurley, D., Jervis, L.L., Jim, S.M., Kaufman, C.E., Keane, E.M., Klein, S.A., Lee, D., McNulty, M.C., Middlebrook, D.L., Moore, L.A., Nez, T.D., Norton, I.M., Randall, C.J., Sam, A., Shore, J.H., Simpson, S.G., Yazzie, L.L.; AI-SUPERPPF Team (2004). Challenges in operationalizing the DSM-IV clinical significance criterion. Arch Gen Psychiatry, 61:1197-207.
89. Lichtenstein, K.A., Armon, C., Barón, A.E., Moorman, A.C., Wood, K.C., Holmberg, S.D.; HIV Outpatient Study Investigators (2005). Modification of the incidence of drug-associated symmetrical peripheral neuropathy by host and disease factors in the HIV outpatient study cohort. Clin Infect Dis, 40:148-57.
90. Koester, S., Glanz, J., Barón, A.E. (2005). Drug Sharing Among Heroin Networks: Implications for HIV and Hepatitis B and C prevention. Journal of AIDS and Behavior, 9:27-39.

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

92. Raben, D., Helfrich, B., Chan, D.C., Ciardiello, F., Zhao, L., Franklin, W., Barón, A.E., Zeng, C., Johnson, T.K., Bunn, P.A., Jr. (2005). The effects of cetuximab alone and in combination with radiation and/or chemotherapy in lung cancer. Clinical Cancer Research. 11(2 Pt 1):795-805.
93. Zeng, C., MaWhinney, S., Barón, A.E., Starr, S., MacFarland, E. (2005). Evaluating ELISPOT Summary Measures with Criteria for Obtaining Reliable Estimates. Journal of Immunological Methods, 297(1-2):97-108. \*
94. Sunpaweravong, P., Sunpaweravong, S., Puttawibul, P., Mitarnun, W., Zeng, C., Barón, A.E., Franklin, W., Said, S., Varella-Garcia, M. (2005). Epidermal growth factor receptor and cyclin D1 are independently amplified and overexpressed in esophageal squamous cell carcinoma. J Cancer Res Clin Oncol, 131(2):111-9.
95. Nieto, Y., Shpall, E.J., Bearman, S.I., McSweeney, P.A., Cagnoni, P.J., Matthes, S., Gustafson, D., Long, M., Barón, A.E., Jones, R.B. (2005). Phase I and pharmacokinetic study of docetaxel combined with melphalan and carboplatin, with autologous hematopoietic progenitor cell support, in patients with advanced refractory malignancies. Biology of Blood & Marrow Transplantation, 11(4):297-306.
96. Schefter, T.E., Kavanagh, B.D., Timmerman, R.D., Cardenes, H.R., Barón, A., Gaspar, L.E. (2005). A phase I trial of stereotactic body radiation therapy (SBRT) for liver metastases. International Journal of Radiation Oncology, Biology, Physics, 62(5):1371-8.
97. Lewis, K.D., Gibbs, P., O'Day, S., Richards, J., Weber, J., Anderson, C., Zeng, C., Barón, A., Russ, P., Gonzalez, R. (2005). A phase II study of biochemotherapy for advanced melanoma incorporating temozolomide, decrescendo interleukin-2 and GM-CSF. Cancer Investigation, 23(4):303-8.
98. Gutman, J.A., Bearman, S.I., Nieto, Y., Sweetenham, J.W., Jones, R.B., Shpall, E.J., Zeng, C., Barón, A., McSweeney, P.A. (2005). Autologous transplantation followed closely by reduced-intensity allogeneic transplantation as consolidative immunotherapy in advanced lymphoma patients: a feasibility study. Bone Marrow Transplantation, 36(5):443-51.
99. Stearman, R.S., Dwyer-Nield, L., Zerbe, L., Blaine, S.A., Zeng, C., Bunn, P.A. Jr., Johnson, G.L., Hirsch, F.R., Merrick, D.T., Franklin, W.A., Barón, A.E., Keith, R.L., Nemenoff, R.A., Malkinson, A.M., Geraci, M.W. (2005). Analysis of Orthologous Gene Expression between Human Pulmonary Adenocarcinoma and a Carcinogen-Induced Murine Model. Am J Pathol. 167: 1763-1775.
100. Kelsey, C.R., Schefter, T., Nash, S.R., Russ, P., Barón, A.E., Zeng, C., Gaspar, L.E. (2005). Retrospective clinicopathologic correlation of gross tumor size of hepatocellular carcinoma: implications for stereotactic body radiotherapy. American Journal of Clinical Oncology. 28(6):576-80.
101. Nieto, Y., Patton, N., Hawkins, T., Spearing, R., Bearman, S.I., Jones, R.B., Shpall, E.J., Rabinovitch, R., Zeng, C., Barón A., McSweeney, P.A. (2006). Tacrolimus and mycophenolate mofetil after nonmyeloablative matched-sibling donor allogeneic stem-cell transplantations conditioned with fludarabine and low-dose total body irradiation. Biology of Blood & Marrow Transplantation, 12(2):217-25.
102. Marshall, G., De la Cruz-Mesía, R., Barón A.E., Rutledge, J.H., Zerbe, G.O. (2006). Non-linear random effects model for multivariate responses with missing data. Statistics in Medicine, 25(16):2817-30. \*
103. Coldren, C.D., Helfrich, B.A., Witta, S.E., Sugita, M., Lapadat, R., Zeng, C., Barón, A., Franklin, W.A., Hirsch, F.R., Geraci, M.W., Bunn P.A. Jr. (2006) Baseline gene expression predicts sensitivity to gefitinib in non-small cell lung cancer cell lines. Molecular Cancer Research: MCR, 4(8):521-8.



PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

104. Lewis, K.D., Robinson, W.A. McCarter, M., Pearlman, N., O'Day, S.J., Anderson, C., Amatruda, T.T., Barón, A., Zeng, C., Becker, M., Dollarhide, S., Matijevich, K., Gonzalez, R. (2006). Phase II multicenter study of neoadjuvant biochemotherapy for patients with stage III malignant melanoma. Journal of Clinical Oncology, 24(19):3157-63.
105. Gruber, M.P., Coldren, C.D., Woolum, M.D., Cosgrove, G.P., Zeng, C., Barón, A.E., Moore, M.D., Cool, C.D., Worthen, G.S., Brown, K.K., Geraci, M.W. (2006). Human lung project: evaluating variance of gene expression in the human lung. American Journal of Respiratory Cell & Molecular Biology, 35(1):65-71.
106. Dziadziuszko, R., Witta, S.E., Cappuzzo, F., Park, S., Tanaka, K., Danenberg, P.V., Barón, A.E., Crino, L., Franklin, W.A., Bunn, P.A. Jr., Varella-Garcia, M., Danenberg, K.D., Hirsch, F.R. (2006). Epidermal growth factor receptor messenger RNA expression, gene dosage, and gefitinib sensitivity in non-small cell lung cancer. Clinical Cancer Research. 12(10):3078-84.
107. Brown, M.S., Barón, A.E., France, E.K. Hamman, R.F. (2006). Association between higher cumulative doses of recombinant erythropoietin and risk for retinopathy of prematurity. Journal of Aapos: American Association for Pediatric Ophthalmology & Strabismus, 10(2):143-9. \*
108. Witta, S.E., Gemmill, R.M., Hirsch, F.R., Coldren, C.D., Hedman, K., Ravdel, L., Helfrich, B., Dziadziuszko, R., Chan, D.C., Sugita, M., Chan, Z., Barón, A., Franklin, W., Drabkin, H.A., Girard, L., Gazdar, A.F., Minna, J.D., Bunn, P.A. Jr. (2006). Restoring E-cadherin expression increases sensitivity to epidermal growth factor receptor inhibitors in lung cancer cell lines. Cancer Research, 66(2):944-50.
109. O'Connell, J., Novins, D.K., Beals, J., Croy, C., Barón, A.E., Spicer, P., Buchwald, D. (2006). American Indian Service Utilization, Psychiatric Epidemiology, Risk and Protective Factors Project Team. The relationship between patterns of alcohol use and mental and physical health disorders in two American Indian populations. Addiction, 101(1):69-83.
110. Helfrich, B.A., Raben, D., Varella-Garcia, M., Gustafson, D., Chan, D.C., Bemis, L., Coldren, C., Barón, A., Zeng, C., Franklin, W.A., Hirsch, F.R., Gazdar, A., Minna, J., Bunn PA Jr. (2006). Antitumor activity of the epidermal growth factor receptor (EGFR) tyrosine kinase inhibitor gefitinib (ZD1839, Iressa) in non-small cell lung cancer cell lines correlates with gene copy number and EGFR mutations but not EGFR protein levels. Clinical Cancer Research, 12(23):7117-25.
111. Coldren, C.D., Helfrich, B.A., Witta, S.E., Sugita, M., Lapadat, R., Zeng, C., Barón, A.E., Franklin, W.A., Hirsch, F.R. , Geraci, M.W., Bunn, P.A. Jr. (2006). Baseline gene expression predicts sensitivity to gefitinib in non-small cell lung cancer cell lines. Mol Cancer Res, 4(8):521-528.
112. Hariharan, S., Gustafson, D., Holden, S., McConkey, D., Davis, D., Morrow, M., Basche, M., Gore, L., Zeng, C., O'Bryant, C.L., Barón, A., Galleman, D., Colevas, D., Eckhardt, S.G. (2007). Assessment of the biological and pharmacological effects of the alpha nu beta3 and alpha nu beta5 integrin receptor antagonist, cilengtide (EMD 121974), in patients with advanced solid tumors. Annals of Oncology, 18(8):1400-7.
113. Chen, C., Kane, M., Song, J., Campana, J., Raben, A., Hu, K., Harrison, L., Quon, H., Dancey, J., Barón, A., Said, S., Eckhardt, S.G., Raben, D. (2007). Phase I trial of gefitinib in combination with radiation or chemoradiation for patients with locally advanced squamous cell head and neck cancer. Journal of Clinical Oncology. 25(31):4880-6.
114. Nieto, Y., Woods, J., Nawaz, F., Barón, A., Jones, R.B., Shpall, E.J., Nawaz, S. (2007). Prognostic analysis of tumour angiogenesis, determined by microvessel density and expression of vascular endothelial growth factor, in high-risk primary breast cancer patients treated with high-dose chemotherapy. British Journal of Cancer, 97(3):391-7.

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

115. Norris, J.M., Yin, X., Lamb, M.M., Barriga, K., Seifert, J., Hoffman, M., Orton, H.D., Barón, A.E., Clare-Salzler, M., Chase, H.P., Szabo, N.J., Erlich, H., Eisenbarth, G.S., Rewers, M. (2007). Omega-3 polyunsaturated fatty acid intake and islet autoimmunity in children at increased risk for type 1 diabetes. JAMA, 298(12):1420-8.
116. Byers, T., Wolf, H., Franklin, W.A., Broderick, S., Merrick, D., Shroyer, K., Hirsch, F.R., Zeng, C., Barón, A.E., Bunn, P.A. Jr., Miller, Y.E., Kennedy, T.C. (2008). Sputum cytologic atypia predicts incident lung cancer: Assessments of latency and histologic specificity. Cancer Epidemiol Biomarkers Prev, 17:158-163.
117. Torkko, K.C., van Bokhoven, A., Mai, P., Beuten, J., Balic, I., Byers, T.E., Hokanson, J.E., Norris, J.M., Barón, A.E., Lucia, M.S., Thompson, I.M., Leach, R.J. (2008). VDR and SRD5A2 polymorphisms combine to increase risk for prostate cancer in both non-Hispanic White and Hispanic White men. Clinical Cancer Research. 14(10):3223-9. \*
118. Majka, D.S., Deane, K.D., Parrish, L.A., Lazar, A.A., Barón, A.E., Walker, C.W., Rubertone, M.V., Gilliland, W.R., Norris, J.M., Holers, V.M. (2008). Duration of preclinical rheumatoid arthritis-related autoantibody positivity increases in subjects with older age at time of disease diagnosis. Annals of the Rheumatic Diseases. 67(6):801-7.
119. Lamb, M.M., Yin, X., Barriga, K., Hoffman, M.R., Barón, A.E., Eisenbarth, G.S., Rewers, M., Norris, J.M. (2008). Dietary glycemic index, development of islet autoimmunity, and subsequent progression to type 1 diabetes in young children. Journal of Clinical Endocrinology & Metabolism. 93(10):3936-42.
120. Andreeff, M., Ruvolo, V., Gadgil, S., Zeng, C., Coombes, K., Chen, W., Kornblau, S., Barón, A.E., Drabkin, H.A. (2008). HOX expression patterns identify a common signature for favorable AML. Leukemia. 22(11):2041-7.
121. Lam, E.T., O'Bryant, C.L., Basche, M., Gustafson, D.L., Serkova, N., Barón, A.E., Holden, S.N., Dancey, J., Eckhardt, S.G., Gore, L., (2008). A phase I study of gefitinib, capecitabine, and celecoxib in patients with advanced solid tumors. Molecular Cancer Therapeutics. 7(12):3685-94.
122. Basche, M., Barón, A.E., Eckhardt, S.G. et al. Barriers to enrollment of elderly adults in early-phase cancer clinical trials. J Oncol Pract 2008; 4: 162–168.
123. Marshall, G., De La Cruz-Mesía, R., Quintana, F, Barón, A.E. (2009). Discriminant analysis for longitudinal data with multiple continuous responses and possibly missing data. Biometrics, 65:69-80. \*
124. Crane, L.A., Mokrohisky, S.T., Dellavalle, R.P., Asdigian, N., Aalborg, J., Byers, T.E., Zeng, C., Barón, A.E., Burch, J.M., Morelli, J.G. (2009) Melanocytic nevus development in Colorado children born in 1998: a longitudinal study. Arch Dermatol. 145(2):148-156.
125. Pratte, K.A., Barón, A.E., Ogden, L.G., Hassell, K.L., Rewers, M., Hokanson, J.E. (2009). Plasminogen activator inhibitor-1 is associated with coronary artery calcium in Type 1 diabetes. Journal of Diabetes & its Complications. 23(6):387-93. \*
126. Massion, P.P., Zou, Y., Uner, H., Kiatsimkul, P., Wolf, H.J., Barón, A.E., Byers, T., Jonsson, S., Lam, S., Hirsch, F.R., Miller, Y.E., Franklin, W.A., Varella-Garcia, M. (2009) Recurrent genomic gains in preinvasive lesions as a biomarker of risk for lung cancer. PLoS ONE [Electronic Resource]. 4(6):e5611.

PUBLICATIONS in REFEREED JOURNALS : (\* Resulted from student thesis.) (cont'd)

127. Micalizzi, D.S., Christensen, K.L., Jedlicka, P., Coletta, R.D., Barón, A.E., Harrell, J.C., Horwitz, K.B., Billheimer, D., Heichman, K.A., Welm, A.L., Schiemann, W.P., Ford, H.L. (2009). The Six1 homeoprotein induces human mammary carcinoma cells to undergo epithelial-mesenchymal transition and metastasis in mice through increasing TGF-beta signaling. J Clin Invest., 119(9):2678-90. \*
128. Villarroel, L., Marshall, G., Barón, A.E. (2009). Cluster analysis using multivariate mixed effects models. Statistics in Medicine. 28(20):2552-65. \*
129. Barron, M.A., Gao, D., Springer, K.L., Patterson, J.A., Brunvand, M.W., McSweeney, P.A., Zeng, C., Barón, A.E., Weinberg, A. (2009). Relationship of reconstituted adaptive and innate cytomegalovirus (CMV)-specific immune responses with CMV viremia in hematopoietic stem cell transplant recipients. Clinical Infectious Diseases. 49(12):1777-83.
130. Varella-Garcia, M., Schulte, A.P., Wolf, H.J., Feser, W.J., Zeng, C., Braudrick, S., Yin, X., Hirsch, F.R., Kennedy, T.C., Keith, R.L., Barón, A.E., Belinsky, S.A., Miller, Y.E., Byers, T., Franklin, W.A. (2010). The detection of chromosomal aneusomy by fluorescence in situ hybridization in sputum predicts lung cancer incidence. Cancer Prev Res. 3:447-53.
131. Schenkman, M., McFann, K., Barón, A.E. (2010). PROFILE PD: profile of function and impairment level experience with Parkinson disease--clinimetric properties of a rating scale for physical therapist practice. Journal of Neurologic Physical Therapy. 34(4):182-92.
132. Camidge, D.R., Kono, S.A., Lu, X., Okuyama, S., Barón, A.E., Oton, A.B., Davies, A.M., Varella-Garcia, M., Franklin, W., Doebele, R.C. (2011). Anaplastic lymphoma kinase gene rearrangements in non-small cell lung cancer are associated with prolonged progression-free survival on pemetrexed. Journal of Thoracic Oncology. 6(4):774-80.
133. Schenkman, M., Ellis, T., Christiansen, C., Barón, A.E., Tickle-Degnen L., Hall, D.A., Wagenaar, R. (2011). Profile of functional limitations and task performance among people with early- and middle-stage Parkinson disease. Phys Ther. 91(9):1339-54.
134. Simpson, M., Brady, H., Yin, X., Seifert, J., Barriga, K., Hoffman, M., Bugawan, T., Barón, A.E., Sokol, R J., Eisenbarth, G., Erlich, H., Rewers, M., Norris, J M. (2011). No association of vitamin D intake or 25-hydroxyvitamin D levels in childhood with risk of islet autoimmunity and type 1 diabetes: the Diabetes Autoimmunity Study in the Young (DAISY). Diabetologia. 54(11):2779-88.
135. Camidge DR, Theodoro M, Maxson DA, Skokan M, O'Brien T, Lu X, Doebele RC, Barón AE, Varella-Garcia M. Correlations between the percentage of tumor cells showing an ALK (anaplastic lymphoma kinase) gene rearrangement, ALK signal copy number, and response to crizotinib therapy in ALK fluorescence in situ hybridization-positive nonsmall cell lung cancer. Cancer, Epub ahead of print, 2012.
136. Doebele RC, Lu X, Sumey C, Maxson DA, Weickhardt AJ, Oton AB, Bunn PA Jr, Barón AE, Franklin WA, Aisner DL, Varella-Garcia M, Camidge DR. Oncogene status predicts patterns of metastatic spread in treatment-naive non-small cell lung cancer. Cancer, Epub ahead of print, 2012.
137. Leng S, Do K, Yingling CM, Pichi MA, Wolf HJ, Kennedy TJ, Feser WJ, Barón AE, Franklin WA, Brock MV, Herman JG, Baylin SB, Byers T, Stidley CA, Belinsky SA. Defining a gene promoter methylation signature in sputum for lung cancer risk assessment. Clin Cancer Res, Accepted, 2012.

LETTERS TO THE EDITOR:

1. Koester, S., Heimer, R., Barón, A.E., Glanz, J., Teng, W. (2003). Re: "Risk of hepatitis C virus among young adult injection drug users who share injection equipment". American Journal of Epidemiology, 157(4):376.

BOOKS and REVIEWS:

1. Fixler, D.E., Fayers, P., Barón, A.E., Laird, W.P., Shinebourne, E.A., and de Swiet, M. (1985). Tracking of Blood Pressures During Childhood. In J.B. Dunbar (Ed.), Juvenile Hypertension, New York: B.M.I.
2. Barón, A.E., Manson, S.M., and Ackerson, L.M. (1990). Depressive Symptoms in Older American Indians with Chronic Disease: Some Psychometric Considerations. In J. Zich and C. Attkison (Eds.), Depression in Primary Care - Screening and Detection, New York: Routledge, Chapman and Hall.
3. Manson, S.M., Shore, J.H., Barón, A.E., and Ackerson, L.M. (1992). Alcohol abuse and Dependence Among American Indians: The Diagnostic Interview Schedule. In J.E. Helzer, G.J. Canino, and C.N. Chen (Eds.), Cross-National Studies of Alcoholism, New York: Oxford University Press.

ABSTRACTS: (\* Resulted from student thesis.)

1. Barón, A.E., and Savitz, D.A. Residual Confounding Due to Misclassification in Epidemiologic Studies. Joint Meetings of the American Statistical Association, Las Vegas, Nevada, August, 1985.
2. Savitz, D.A., and Barón, A.E. Effect of Residual Confounding from Misclassification on Epidemiologic Studies. Meetings of the Society for Epidemiologic Research, Chapel Hill, North Carolina, June, 1985.
3. Boyko, E.J., Alderman, B.W., and Barón, A.E. Sensitivity and Specificity Vary with Disease Prevalence When the Gold Standard is Imperfect. Meetings of the Society for Epidemiologic Research, Pittsburgh, Pennsylvania, June, 1986.
4. Coll, J., Johnson, J.L., Barón, A.E., and Merenstein, G.B. "Evaluating Screening Criteria for Hypoglycemia," presented by Joe Coll at the Society for Pediatric Research meetings, San Diego, California, May, 1995.
5. Coll, J., Johnson, J.L., Barón, A.E., and Merenstein, G.B., "Evaluating Screening Criteria for Polycythemia," presented by Joe Coll at the Society for Pediatric Research meetings, San Diego, California, May, 1995
6. Cagnoni, P.J., Matthes, S.M., Barón, A.E., Dunbar, S.E., Day, T., Nieto, Y., Jones, R.B., "Pharmacokinetics of BCNU in Melphalan Pre-Treated Sprague-Dawley Rats," presented by Yago Nieto at the American Association of Cancer Research meetings, New Orleans, Louisiana, April, 1998.
7. Gonzalez, R., Becker, M., Ianucci, A., Rosse, P., Allen, J., McDowell, K., Barón, A.E., and Pearlman, N. "Concurrent Biochemotherapy with CVD/IL-2/Interferon in Stage IV Melanoma. ASCO meetings, 1999.
8. Beaudet, J., Jones, R.B., Shpall, E.J., Bearman, S.I., Barón, A.E., Zeng, C., Slat-Vasquez, V., Nieto, Y., McSweeney, P., Cagnoni, P.J., Long Term Follow-Up of 114 Patients with Chemosensitive Stage IV Breast Cancer Treated with High-Dose Chemotherapy (HDC) and Autologous Stem Cell Support (ASCS). ASCO meetings 2001.
9. Bemis, L.T., Erickson, P., Franklin, W.A., Bremnes, R., Brambilla, E., Ferguson, K. Barón, A.E., Zeng, C., Gemmill, R.M. and Drabkin, H.A. Analysis of regulatory interactions controlling E-cadherin expression and its up-regulation in lung cancers. Presented WNT meeting, Keystone Symposium, Taos, NM March 2002.

ABSTRACTS: (\* Resulted from student thesis.) (cont'd)

10. Romeo, M., Neldner, K., Powell, R., Morrison, L., Sokolova, I., Barón, A.E., Zeng, C., Franklin, W.A., Varella-Garcia, M. Chromosomal Abnormalities in Preneoplastic Bronchial Lesions Detected by Multicolor Fluorescence in *situ* hybridization (FISH). Proceedings of ASCO #1241, 2002.
11. McSweeney, P., Abhyankar, S., Blunk, B., Barón, A.E., Foran, J., McGuirk, J., Hardiman, J., Picken, S., Pavletic, S. Tacrolimus and Mycophenolate Mofetil for GVHD prevention in Adult Hematopoietic Allograft Recipients. Meeting of the International Society of Experimental Hematology, Montreal Canada, June 2002. Experimental hematology: 30(6), suppl. 1.
12. Gibbs, P., Anderson, C., Pearlman, N., Becker, M., O'Driscoll, M., Stephens, J., Barón, A., Gonzalez. R. (2002). A phase 2 trial of neoadjuvant biochemotherapy in stage 3 melanoma. International Journal of Cancer, Suppl. 13 :407-407.
13. Dabelea, D., Scarbro, S., Barón, A.E., Marshall, J.A., Baxter, M., Hamman, R.F. (2002). No excess incidence of type 2 diabetes among Hispanics with impaired glucose tolerance versus Non-Hispanic Whites in the San Luis Valley Diabetes Study. Diabetes, 51: 902 Suppl. 2.
14. Deas, A.M., Crane, L.A., Barón, A.E., Gershman, K., Maselli, J., Gonzales. R. (2002). Do physician attitudes about antibiotic resistance and appropriate antibiotic use correlate with actual antibiotic prescribing behavior? Journal of General Internal Medicine, 17: 194-194 Suppl. 1. \*
15. Kelsey, C.R., Schefter, T., Nash, R., Russ, O., Barón, A.E., Zeng, C., Gaspar, L.E. Retrospective clinicopathologic correlation of gross tumor size of hepatocellular carcinoma: implications for extracranial stereotactic radiosurgery. International Journal of Radiation Oncology\*Biophysics, 57(2), Supplement 1, 1 October 2003, Page S283.
16. O'Connor, C., Hilts, A., Barron, M., Zeng, C., Barón, A.E., McSweeney, P. Clinical Experience of Monotherapy vs. Combination Antifungal Therapy for the Treatment of Invasive Aspergillus (IA) in Patients (Pts) with a Hematologic Malignancy (HM), Solid Organ Transplant (SOT), or Hematopoietic Stem Cell Transplant (HSCT). Abstract submitted to ICAAC; accepted for poster presentation September 14-17, 2003; Chicago IL.

PAPERS PRESENTED at SCIENTIFIC MEETINGS:

1. Barón, A.E., Lairson, D.R., and Swint, J.M. "Inpatient vs. Do-Not-Admit Surgery: A Cost Analysis," presented at the Texas Public Health Association meetings, Houston, Texas, 1979.
2. Barón, A.E., Lairson, D.R., and Marsden, J.R. "Demand Functions and Health Planning in an HMO," presented at the Texas Public Health Association meetings, Galveston, Texas, March 1982.
3. Barón, A.E. "Distributional Properties Affecting Classification in Multiple Group Discrimination," presented at the American Statistical Association Joint Meetings, Philadelphia, Pennsylvania, August 1984.
4. Barón, A.E., Manson, S.M., and Ackerson, L.M. "Depressive Symptoms in Older American Indians with Chronic Disease: Some Psychometric Considerations," poster session presented at Mental disorders in General Health Care Settings: A research Conference, Seattle, Washington, June 1987.
5. Barón, A.E. "Misclassification Among Methods Used for Multiple Group Discrimination --The Effects of Distributional Properties," presented at the International Biometric Conference, Namur, Belgium, July 1988.

PAPERS PRESENTED at SCIENTIFIC MEETINGS: (cont'd)

6. Barón, A.E., Manson, S.M., and Ackerson, L.M. "Subjective Well-Being and Social Desirability in Older American Indians with Chronic Disease," presented at the Epidemiology Research Exchange, Department of Preventive Medicine and Biometrics, November 1988.
7. Barón, A.E., Franceschi, S., Barra, S., Talamini, R., and La Vecchia, C. The Use of Polychotomous Logistic Regression to Compare the Joint Effects of Alcohol and Smoking on the Risk of Cancer Across Sites in the Upper Aero-Digestive Tract. Presented at the Epidemiology Research Exchange, Department of Preventive Medicine and Biometrics, November 1991.
8. Barón, A.E., Koester, S. and Glanz, J. Socially Focused Network Interventions in Injection Drug Users. Contributed paper to the Meetings of the International Epidemiology Association, Florence, Italy, September 1999.
9. Barón, A.E. Implementing and Evaluating a Socially Focused Intervention in Injection Drug Users: A Dance of Quantitative and Qualitative Methods. Invited paper at the Meetings of the Society for the Advancement of Chicanos and Native Americans in Science, Portland, Oregon, October 1999.
10. Barón, A.E., and Marshall, G. Linear Discriminant Models for Unbalanced Longitudinal Data. Invited paper at the Joint Statistical Meetings, Indianapolis, Indiana, August 2000.
11. Barón, A.E., and Marshall, G. Classification of Pregnancy Outcome with Longitudinal Hormone Data. Invited paper at the Meetings of the Society for the Advancement of Chicanos and Native Americans in Science, Atlanta, Georgia, October 2000.
12. Barón, A.E. Windows of Teaching Opportunity: Mentoring and Thesis Advising in Biostatistics and Public Health. Invited paper at the Joint Statistics Meetings, New York City, August 2002.
13. Novins, D.K. and Barón, A.E. Hazards for Progression: Discrete Survival Analysis Applied to Indian Adolescent Substance Use. Invited paper at the meeting of the Society for the Advancement of Chicanos and Native Americans in Science, Anaheim California, September 2002.
14. Barón, A.E., Glanz, J., Koester, S.K. Implementing and Evaluating a Socially Focused Intervention in Injection Drug Users: A Dance of Quantitative and Qualitative Methods. Invited paper at the NCI-sponsored conference - Mixed Methodologies: using Context and Metrics for Health Behavior Change, Denver, Colorado, August, 2004.
15. Barón, A.E., Kreidler, S.M., Glueck, D.H., Muller, K.E. Power and Sample Size for the Most Common Hypotheses in Mixed Models. WNAR of the International Biometric Society, Ft. Collins, Colorado, June, 2012.
16. Barón, A.E., Kreidler, S.M., Glueck, D.H., Muller, K.E. Power and Sample Size for the Most Common Hypotheses in Mixed Models. American Psychological Association, Orlando, Florida, August, 2012.

Grand Rounds:

March, 1995      Longitudinal Discriminant Analysis, Department of Preventive Medicine and Biometrics,  
University of Colorado Health Sciences Center, Denver, Colorado.

Invited Seminars:

January, 1997      Linear Discriminant Models for Unbalanced Longitudinal Data, Department of Mathematical  
and Computer Sciences, Colorado School of Mines.

March, 2001      Linear and Quadratic Discriminant Models for Unbalanced Longitudinal Data, Department of  
Statistics, University of Wyoming.

April 2003      Linear and Quadratic Discriminant Models for Unbalanced Longitudinal Data, Department of  
Statistics, University of Colorado, Denver.