

## Curriculum Vitae

Date: January 6, 2012

### PERSONAL INFORMATION:

Name: Lynn B. Gerald, PhD, MSPH

**RANK/TITLE:** Canyon Ranch Endowed Chair/Professor  
Department: Health Promotion Sciences  
Business Address: University of Arizona  
Mel and Enid Zuckerman College of Public Health  
1295 N. Martin Ave.  
PO Box 245209  
Tucson, Arizona 85724  
Phone: (520) 626-3243  
Fax: (520) 626-8716  
E-mail: [lgerald@email.arizona.edu](mailto:lgerald@email.arizona.edu)

**HOSPITAL AND OTHER (NON ACADEMIC) APPOINTMENTS:** None

**PROFESSIONAL CONSULTANTSHIPS:** None

### EDUCATION:

Ph.D. **Medical Sociology**, University of Alabama at Birmingham, Birmingham, AL., August 1997 Specialization: Gerontology

M.S.P.H. **Epidemiology**, University of Alabama at Birmingham, Birmingham, AL., June 1997

M.A. **Sociology**, University of South Alabama, Mobile, AL., December 1992. Specialization: Gerontology

B.S. **Psychology**, University of Alabama at Birmingham, Birmingham, AL., December 1990.

### ACADEMIC APPOINTMENTS:

January 2012 – Present **Associate Dean for Research**, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson, AZ.

March 2011—Present **Investigator, Biobehavioral and Social Sciences Research Program, Arizona Cancer Center.** University of Arizona, Tucson, AZ.

March 2009 – Present **Canyon Ranch Endowed Chair for Lifestyle and Behavioral Health.** Division of Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson, AZ.

March 2009 – Present **Scientist.** Arizona Respiratory Center, University of Arizona, Tucson, AZ.

March 2009 – Present **Professor.** Division of Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson, AZ.

May 2008 – Dec 2008 **Scientist.** Center for Biophysical Sciences and Engineering, University of Alabama at Birmingham, Birmingham, AL.

November 2007 – Dec 2008 **Professor.** Division of Pulmonary, Allergy, & Critical Care Medicine, School of Medicine, University of Alabama at Birmingham, Birmingham, AL.

September 2007 – Dec 2008 **Director.** Lung Health Center, University of Alabama at Birmingham, Birmingham, AL.

October 2004 – 2007 **Associate Professor with Tenure.** Division of Pulmonary, Allergy, & Critical Care Medicine, School of Medicine, University of Alabama at Birmingham, Birmingham, AL.

September 2001- Dec 2008 Graduate School, University of Alabama at Birmingham, Birmingham, AL.

September 2000-Dec 2008 **Scientist.** Center for Health Promotion, University of Alabama at Birmingham, Birmingham, Alabama.

September 1999- 2007 **Assistant Director.** Lung Health Center, University of Alabama at Birmingham, Birmingham, Alabama.

September 1999-2004 **Assistant Professor.** Department of Pulmonary and Critical Care Medicine, School of Medicine, University of Alabama at Birmingham, Birmingham, Alabama.

September 1997- 2002 **Assistant Professor.** Department of Critical and Diagnostic Care, School of Health Related Professions, University of Alabama at Birmingham, Birmingham, Alabama.

September 1997-Present **Scientist.** Lung Health Center, University of Alabama at

	Birmingham, Birmingham, Alabama.
January – May 1997	<b>Research Associate.</b> Anesthesia Services and Pain Consultants of Alabama, Birmingham, Alabama.
September 1994- 1997	<b>Doctoral Research Fellow.</b> Department of Sociology, University of Alabama at Birmingham, Birmingham, Alabama.
January 1993- June 1994	<b>Instructor.</b> Department of Sociology and Anthropology, University of South Alabama, Mobile, Alabama.
January 1993- June 1994	<b>Research Associate.</b> Department of Sociology and Anthropology, University of South Alabama, Mobile, Alabama.
August 1992 – Dec. 1992	<b>Intern.</b> Senior Citizens Services, Mobile, Alabama.
June 1991- Dec. 1992	<b>Graduate Assistant.</b> Department of Sociology and Anthropology, University of South Alabama, Mobile, Alabama.
January 1991 – Dec. 1992	<b>Consultant.</b> Department of Pediatrics, University of South Alabama Medical School, Mobile, Alabama.
January 1991 – June 1991	<b>Social Work Assistant.</b> Bay Manor Health Care Center, Mobile, Alabama.
August 1990 – Dec. 1990	<b>Intern.</b> St. Martin's in the Pines Retirement Community, Birmingham, Alabama.
June 1990 – Dec. 1990	<b>Undergraduate Research Assistant.</b> Department of Psychology, University of Alabama at Birmingham, Birmingham, Alabama.

#### AWARDS/HONORS:

- 2012 Nominated (1 of 5 women) for the **American Thoracic Society's Elizabeth A. Rich Award** for outstanding scientific achievement among female scientists in pulmonary disease.
- 2009 Featured in the **Who's Who at ATS**, American Thoracic Society News.
- 2007 Nominated (1 of 6 women) for the **American Thoracic Society's Elizabeth A. Rich Award** for outstanding scientific achievement among female scientists in pulmonary disease.
- 2007 Jefferson County American Federation of Teachers, **JCAFT Partners in Health Award.**
- 2006 **Max Cooper Award for Research Excellence.** University of Alabama at Birmingham, School of Medicine.
- 2005 Nominated (1 of 15 candidates) for the CHEST Foundation's **Alfred Soffer Research Award.**
- 2004 Featured as a "**Lung Disease Champion**" in the American Lung Association's *How We Help Today Annual Report 2004.*

- 2004 Academic Keys **Who's Who in Medical Sciences Education** (WWMSE)
- 2003 American Thoracic Society Behavioral Science Assembly **Junior Scholar Award**. (*Given to the individual who has made the most outstanding scientific contributions relevant to behavioral science and lung diseases early in his or her career.*)
- 1999 **William C. Bailey Award for Excellence in Cancer Prevention and Control Research**, Comprehensive Cancer Center, University of Alabama at Birmingham.
- 1997 **Dean's Outstanding Graduate Student** Award, School of Social and Behavioral Sciences, University of Alabama at Birmingham.
- 1997 **Outstanding Graduate Student**, Department of Sociology, University of Alabama at Birmingham.
- 1997 Third Place, **Graduate Student Research Day**, University of Alabama at Birmingham Graduate School.
- 1996 Second Place, **Graduate Student Research Day**, University of Alabama at Birmingham Graduate School.
- 1996 Sociology Department **Nominee for Samuel Barker Award for Excellence in Graduate Studies**, University of Alabama at Birmingham.
- 1996 Sociology Department **Nominee for School of Social and Behavioral Science Dean's Research Award**, University of Alabama at Birmingham.
- 1995 **Alpha Kappa Delta**, Sociological Honor Society.
- 1994 **Sigma Phi Omega** National Academic Honor and Professional Society in Gerontology.
- 1994 **Outstanding New Professional** Award, University of South Alabama Graduate Program in Gerontology.
- 1992 **Outstanding Graduate Student**, Department of Sociology, University of South Alabama, Mobile, Alabama.
- 1992 Second place, **Graduate Student Paper Competition**, Southeastern Council on Family Relations Conference, Mobile, Alabama.
- 1990 **Phi Kappa Phi**, Inter-disciplinary Honor Society, University of Alabama at Birmingham, Birmingham, Alabama.
- 1990 **Omicron Delta Kappa**, Inter-disciplinary Honor Society, University of Alabama at Birmingham, Birmingham, Alabama.
- 1988 **Full tuition scholarship**, University of Alabama at Birmingham, Birmingham, Alabama.

**PROFESSIONAL SOCIETIES:**

1997-Present American Thoracic Society

**MEMBERSHIPS:**

1998-2003 Coalition for a Tobacco Free Jefferson County  
 1998-2003 American Cancer Society's Tobacco Control Team  
 1999-2008 American Lung Association of Alabama  
 2009-Present American Lung Association of Arizona  
 2009-Present Arizona Asthma Coalition

**COUNCILS, COMMITTEES, AND BOARDS:**

2012-Present American Lung Association's Asthma Clinical Research Centers, Training Fellowship Award Review Committee

2011 American Lung Association, National Lung Health Disparities Roundtable

2011-Present American Lung Association's Asthma Clinical Research Centers, Chair, Policy and Organization Sub-committee

2010-2011 Arizona Asthma Coalition, Board of Directors

2010-2011 Arizona Asthma Coalition, Chair, School Health Committee

2010-Present American Thoracic Society, Board of Directors

2010-Present American Thoracic Society Board of Directors, Documents Review Subcommittee  
Chair (2011-2012)

2010 Ad-Hoc Member, NHLBI Clinical Trials Review Panel

2009-2010 American Thoracic Society, Tobacco Control Committee

2009-Present American Lung Association of Southern Arizona, Board Member

2009 Ad-Hoc Member, NHLBI Clinical Trials Review Panel

2009 Reviewer, NIH Challenge Grants

2009-2010 American Thoracic Society, Pulmonary Education Specialist Group  
Co-Chair (2009-2010)

2008 Member, CDC Special Emphasis Review Panel "Improved Public Health Practice through Translational Research"

2008-2010 Dean's Leadership Council of the College of Arts and Sciences at the University of South Alabama

2008-2009 American Thoracic Society, Scientific and Clinical Careers in Pulmonary, Critical Care and Sleep Task Force  
Executive Committee (2008-2009)

2007-2009 Member, Health Resources and Services Administration (HRSA), Division of Independent Review, Maternal and Child Health Research Program Review Group.

2007 Member, CDC Special Emphasis Review Panel "Improved Public Health Practice through Translational Research"

2007 Ad-Hoc Member, NHLBI Program Project Review Panel

2006 Ad-Hoc Member, NHLBI Demonstration and Education Research Grant (R18) Review Panel

2005 Consultant, National Asthma Education and Prevention Program, School Subcommittee Workgroup

2005 Member, Special Study Section for National Heart, Lung, and Blood Institute, National Institutes of Health for RFA "Causes and Mechanisms of COPD Exacerbations"

2005 National Workshop to Reduce Asthma Disparities, sponsored by National Asthma Education and Prevention Program; Agency for Healthcare Research and Quality; American Academy of Allergy, Asthma, & Immunology; American College of Chest Physicians; Association of Asthma Educators; National Institutes of Health, National Heart, Lung, & Blood Institute.  
Chair, Behavioral Health and Family/Social Function Committee

2004-2005 National Asthma Educator Certification Board  
Chair, Research Committee (2005)  
Member, Public Relations and Marketing Committee (2004-2005)  
Member, Research Committee (2004-2005)  
Member, By-Laws Committee (2004-2005)

- Member, Nominating Committee (2004)
- 2003-2004 AstraZeneca Asthma Patient Advisory Board
- 2003 Expert Panel on School Asthma Program Evaluation, Centers for Disease Control and Prevention
- 2000-2005 American Lung Association of Alabama Board of Directors.
  - First Vice President (2004-2005)
  - Chair, Program and Development Committee (2000-2003)
  - Member, Research Grants Committee (2000-2005)
  - Member, Public Relations Committee (2000-2005)
- 1999-Present American Lung Association's Asthma Clinical Research Centers, Steering Committee.
- 1999-Present American Lung Association's Asthma Clinical Research Centers, Policy and Organization Sub-committee.
- 2002-Present American Lung Association's Asthma Clinical Research Centers, Publication Sub-committee
- 1998-2000 Southern Association of CardioPulmonary Rehabilitation Programs, Outcomes Committee, Co-Chair
- 1997-2004 Lung Health Study Steering Committee.
- 1997-Present American Thoracic Society, Behavioral Science Assembly.
  - 2010-Present Long Range Planning Committee
  - 1999-2005 Long Range Planning Committee Chair (2003-2005)
  - 1999-Present International Conference Program Committee Chair (2007-2008)
  - Incoming Chair (2006-2007)
  - 2009-2010 Incoming Assembly Chair
  - 2010-2012 Assembly Chair
  - 2011-2012 Assembly Liaison
- 1995 Distinguished Book Committee. Mid-South Sociological Association.

**UNIVERSITY ACTIVITIES:**

- 2012-Present **Member**, Dean's Executive Committee, Mel and Enid Zuckerman College of Public Health, University of Arizona
- 2012-Present **Member**, Community Advisory Board, Mel and Enid Zuckerman College of Public Health, University of Arizona
- 2012-Present **Member**, Dean's Research Advisory Committee, College of Medicine, University of Arizona.
- 2012-Present **Chair**, Research Advisory Committee, Mel and Enid Zuckerman College of Public Health, University of Arizona.
- 2012-Present **Member**, Dean's Advisory Council. Mel and Enid Zuckerman College of Public Health, University of Arizona.
- 2012-Present **Member**, IRB Core User's Group. University of Arizona.
- 2011-Present **Member**, Faculty Search Committee, Epidemiology and Biostatistics, Mel and Enid Zuckerman College of Public Health, University of Arizona.
- 2011 **Member**, Review Committee, MEZCOPH Dean's Mini-Grants.
- 2011-Present **Member**. Fellowship Research Committee, Pulmonary and Critical Care Medicine,

- College of Medicine, University of Arizona.
- 2010-2011 **Member**, Advisory Group to the Strategic Marketing Planning Subcommittee of the Community Advisory Board, Mel and Enid Zuckerman College of Public Health
- 2010-2011 **Chair**, Faculty Search Committee, Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona
- 2009-2012 **Member**, Research Advisory Committee, Mel and Enid Zuckerman College of Public Health, University of Arizona
- 2009-2012 **Co-Chair**, Tenure and Promotion Committee, Mel and Enid Zuckerman College of Public Health, University of Arizona.
- 2007-2009 **Member**, Clinical Research Committee, Division of Pulmonary, Allergy, and Critical Care Medicine, University of Alabama at Birmingham
- 2007-2009 **Member**, Task Force to Examine Research Obstacles to Faculty, Department of Medicine, University of Alabama at Birmingham
- 2006-2009 **Member**, Pittman General Clinical Research Center (GCRC) Scientific Advisory Committee, University of Alabama at Birmingham
- 2005-2007 **Judge**, Department of Medicine Trainee Research Day, University of Alabama at Birmingham
- 2004-2009 **Member** of the Research Development Committee, Department of Medicine, University of Alabama at Birmingham
- 2004-2009 **Mentor** in the Department of Medicine Junior Faculty Mentoring Program, University of Alabama at Birmingham
- 2003-2009 **Member** of the Fellowship Education Committee, Division of Pulmonary, Allergy, & Critical Care Medicine, University of Alabama at Birmingham
- 2000-2005 **Member** of the UAB International Tuberculosis Center Interdisciplinary Advisory Committee, University of Alabama at Birmingham
- 1999-2002 **Member** of the School of Health Related Professions, Critical Care Division Promotion and Tenure Committee, University of Alabama at Birmingham
- 1998-2001 **Member** of the School of Health Related Professions, Surgical Physician Assistant Program Admissions Committee, University of Alabama at Birmingham
- 1998-1999 **Member** of the School of Health Related Professions, Surgical Physician Assistant Program Faculty Search Committee, University of Alabama at Birmingham

#### **EDITORIAL BOARD MEMBERSHIPS:**

- 2010-Present **Reviewer** for the Journal of Asthma
- 2010-Present **Reviewer** for Academic Pediatrics
- 2010-Present **Reviewer** for Archives of Pediatrics
- 2009-Present **Reviewer** for Clinical Trials
- 2009- 201 **Reviewer** The American Journal of the Medical Sciences
- 2007-Present **Reviewer** Contemporary Clinical Trials
- 2006-Present **Reviewer** Annals of Allergy, Asthma, and Immunology
- 2006-Present **Reviewer** for Pediatric Pulmonology
- 2005-Present **Reviewer** for Pediatrics
- 2005-2007 **Reviewer** for Health Psychology
- 2004-Present **Reviewer** for the American Journal of Respiratory and Critical Care Medicine
- 2004 **Reviewer** for Annals of Epidemiology
- 2004-2006 **Editor** for Special NIH/CDC Issue of the Journal of School Health, "Managing Asthma in

Schools: What have we learned?" August 2006  
 2002-Present **Reviewer** for CHEST  
 2001-2008 **Reviewer** for the International Journal of Tuberculosis and Lung Disease  
 1999-2009 **Reviewer** for the Journal of Cardiovascular and Pulmonary Rehabilitation.  
 1997-2000 **Reviewer** for Gerontologist.  
 1997-1999 **Reviewer** for Sociological Spectrum.

**MAJOR RESEARCH INTERESTS:** Clinical, behavioral and epidemiological research in asthma and school health

**TEACHING EXPERIENCE:**

Courses Taught:

2010-Present Grantsmanship for a Winning Proposal (EPI/CPH652) – This is a required course for DrPH students at the Mel and Enid Zuckerman College of Public Health and a required course for physicians in the Clinical Research Training Program.  
 2009 Public Health Communications (CPH642) – This is a required course for DrPH students at the University of Arizona Mel and Enid Zuckerman College of Public Health.  
 1999 Applied Behavioral Science (SA340) – This is a required course for students in the Surgical Physician Assistant Program at the University of Alabama at Birmingham.  
 1997-2001 Fundamentals of Clinical Research (SA350) – This is a required course for students in the Surgical Physician Assistant Program at the University of Alabama at Birmingham.  
 1998-2001 Senior Seminar Series (SA400) – This is a required course for students in the Surgical Physician Assistant Program at the University of Alabama at Birmingham.

Other Teaching:

*Internship Committees:*

2011-2012 **Chair**, Internship Committee, Virginia Day, Health Education/Health Promotion, MPH Student  
 2011-2012 **Member**, Lindsay Dashefsky, Health Education/Health Promotion, MPH Student

*Doctoral and Masters Committees:*

2010-2011 Kalayani Peri (MA in Biostatistics, University of Alabama at Birmingham)  
 2010-2011 Julianna Pugmire (DrPH in Family and Child Health)  
 2006-2011 Linda Gibson (PhD in Nursing)  
 2006-2007 Mark Brooks (PhD in Environmental Health) “Predictors of Indoor Dust Mite and Cockroach Levels.”  
 2006-2007 Henna Budhwani (Masters in Medical Sociology) “Gender and Online Prescription Purchasing: Socialization, Responsibilities, and Internet Usage.”  
 2005-2007 Shana Locke (Masters in Medical Sociology)

- 2006-2007 Tamekia Jones (Doctorate in Biostatistics) “A Novel Statistical Approach Identifying and Limiting the Effect of Influential Observations.”
- 2004-2005 James Shamiyeh (Masters in Public Health/Epidemiology) “The Cost-Effectiveness Analysis of an Algorithm for Identifying and Investigating High Risk Contacts of Tuberculosis Cases.”
- 2002-2004 Page Barker (Masters in Medical Sociology) “Multidrug Resistant Tuberculosis in Late Modernity.”
- 2002-2005 Angie Wittich (Doctorate in Medical Sociology) “Medical Adherence: A Structural Approach to the Logic of Middle Class Allergic Rhinitis Patient Behavior.”
- 2001-2002 Jennifer Morin-Cross (Masters in Medical Sociology) “Children’s Problem Behavior: A Risk and Asset Factors Approach.”

*Mentoring and Graduate Assistants:*

- Zeenat Mahal, MBBS, MS Graduate Research Assistant, Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona
- Christina Cutshaw, PhD Assistant Professor, Division of Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona
- Targhee Orr, MD Emergency Medicine Resident, University of Arizona
- Joy Hardison, MD Emergency Medicine Resident, University of Arizona
- Hannah Phan, PharmD Clinical Assistant Professor, College of Pharmacy, University of Arizona
- Teri Moore, MPH Graduate Research Assistant, Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona
- Ana Celia Hernandez -Martinez, MPH Graduate Research Assistant, Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, University of Arizona
- Paloma Beamer, PhD Assistant Professor, Division of Community, Environment and Policy, Mel and Enid Zuckerman College of Public Health, University of Arizona
- Joao deAndrede, MD Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine (Member of Scholarship Advisory Committee), University of Alabama at Birmingham
- Kathy Harrington, PhD Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, University of Alabama at Birmingham
- Karna Patel, MD Graduate student, Epidemiology, University of Alabama at Birmingham
- Dinesh Chandra, MD Pulmonary Fellow, University of Alabama at Birmingham
- Tramaine Hill NIH Bridges Program, Summer 2005; Undergraduate Nursing Student, University of Alabama at Birmingham
- Angie Wittich, PhD Research Assistant Professor, Division of Critical Care, School of Health Related Professions (funded NIH minority supplement), University of Alabama at Birmingham
- Joan Mangan, PhD, MST Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, Lung Health Center (funded contract from Southeastern TB Consortium), University of Alabama at Birmingham
- Cheryl Holt, PhD Assistant Professor, Division of Preventive Medicine (Department of Medicine Mentoring Program), University of Alabama at Birmingham
- Jennifer Davis, MD Pulmonary Fellow (Funded by the GCRC’s Clinical Investigator Fellowship Award; 2004 received the CHEST foundation clinical research training award), University of Alabama at Birmingham
- Debra Hawkin, BS Doctoral student in Medical Sociology (funded graduate assistantship), University of Alabama at Birmingham

James Shamiyeh, MD	Pulmonary Fellow (Funded by the GCRC's Clinical Investigator Fellowship Award; Honorable mention for the J. Claude Bennett Award for Excellence in Research by an Associate Fellow), University of Alabama at Birmingham
Mark Dransfield, MD	Pulmonary Fellow/Instructor (Recently received NIH funding as an Investigator; Member of Scholarship Advisory Committee), University of Alabama at Birmingham
Phillip O'Reilly, MD	Pulmonary Fellow/Instructor (Recently received NIH funding as an Investigator), University of Alabama at Birmingham
Henna Budhwani, BS	Doctoral student in Medical Sociology (funded graduate assistantship), University of Alabama at Birmingham
Shana Locke, BS	Doctoral student in Medical Sociology (funded graduate assistantship), University of Alabama at Birmingham
Angie Wittich, MA	Doctoral student in Medical Sociology (funded graduate assistantship), University of Alabama at Birmingham
Page Barker, BA	Masters student in Medical Sociology (funded graduate assistantship), University of Alabama at Birmingham
Greg Minisman, MA	Doctoral student in Medical Sociology (funded graduate assistantship), University of Alabama at Birmingham
Jennifer Morin-Cross, BS	Masters student in Medical Sociology, University of Alabama at Birmingham
Shayla Knight	Undergraduate nursing student, University of Alabama at Birmingham
Beth Baker, BS	Undergraduate nuclear medicine student, University of Alabama at Birmingham
Erin Smith, MS	Masters student in Health Education and Health Promotion, University of Alabama at Birmingham
Keisha Sharp, MS	Masters student in Health Education and Health Promotion, University of Alabama at Birmingham
Whitney Weldon	Undergraduate student in Communications, University of Alabama at Birmingham
Lucy Annang, MS	Masters student in Health Education and Health Promotion, University of Alabama at Birmingham
Mia Cowan, BS	UAB Comprehensive Cancer Center CaRES Program, UAB Medical Student
Samantha Wyatt, BS	UAB Comprehensive Cancer Center CaRES Program, UAB Medical Student
Anna Schmidt, BA	Anthropology Masters student, University of Alabama
Joan Mangan, MST	Doctoral student in Health Education and Health Promotion, University of Alabama at Birmingham

*Guest Lectures and Grand Rounds*

March 2012	Pediatric pulmonary Center, University of Arizona. "Asthma in Our Schools: A Public Health Approach."
January 2012	College Wide Seminar Series "Asthma in Our Schools: A Public Health Approach."
November 2011	CPH 696 Maternal and Child Health Seminar "Asthma Management in the Schools: A Public Health Approach."
September 2011	CPH 609 Evaluating the Public Health Literature, University of Arizona. "How to

Review the Discussion Section of a Manuscript.”

November 2010 Pediatric Pulmonary Center, University of Arizona. “School Based Asthma Management: A Public Health Approach.”

September 2010 University of Arizona, Mel and Enid Zuckerman College of Public Health, Guest Lecture, CPH300 Community Health Sciences and Services. “Asthma in Our Schools.”

April 2010 University of Arizona, Mel and Enid Zuckerman College of Public Health, Research Seminar, “Revising Grants and Responding to Critiques.”

November 2009 Pediatric Pulmonary Center, University of Arizona. “School Based Asthma Management: A Public Health Approach.”

August 2009 Pediatric Pulmonary Division, University of Arizona. “Challenges in Screening for Asthma.”

August 2009 Arizona Respiratory Center Seminar Series, University of Arizona. “Supervised Asthma Therapy Increases Adherence.”

May 2009 University of Arizona, Mel and Enid Zuckerman College of Public Health, Seminar Series, “Revising Grant Applications”

April 2009 University of Arizona, Mel and Enid Zuckerman College of Public Health, Seminar Series, “Childhood Asthma: A School Based Approach”

June 2008 UAB Scientific Writing Seminar Series, “Revising Grant Applications and Responding to Pink Sheets”

June 2008 UAB K30 Clinical Research Training Program, “Revising Grants and Responding to Pink Sheets”

August 2007 Pulmonary Nuts and Bolts Conference, “Epidemiological, Behavioral, and Outcomes Research”

August 2007 UAB Scientific Writing Seminar Series, “Revising Grant Applications and Responding to Pink Sheets”

September 2006 UAB K30 Clinical Research Training Program, “How to Respond to Pink Sheets”

September 2005 UAB K30 Clinical Research Training Program, “How to Respond to Pink Sheets”

April 2005 UAB TB Mini-Symposium, “From Bedside to Community: Transmission of Tuberculosis”

February 2005 Pulmonary Grand Rounds, “Validation of a School Based Asthma Case Detection Procedure”

January 2005 Department of Medicine, Clinical Research Conference, “Validation of a School Based Asthma Case Detection Procedure”

January 2004 Pulmonary Grand Rounds, “Effectiveness of Low Dose Theophylline in the Treatment of Asthma”

October 2003 Pulmonary Research Conference “Development of Clinical Research Databases.”

August 2003 Department of Medicine, Topics in Women’s Health Conference, “COPD in Women: Closing the Gender Gap.”

March 2003 Medical Grand Rounds, “Tuberculosis Transmission: Predicting infection in contacts of active TB cases”

December 2002 Pulmonary Grand Rounds, “New methods for tuberculosis contact investigation.”

October 2001 Pulmonary Grand Rounds, “Safety of the Influenza Vaccination in Adults and Children with Asthma: Results of the First ALA-ACRC Study.”

March 2000 Pulmonary Grand Rounds, “Effect of Inhaled Triamcinolone on the Decline in Pulmonary Function in Chronic Obstructive Pulmonary Disease: Lung Health Study II.”

September 2001 Comprehensive Cancer Center Biostatistics Conference, “Estimating the

April 2002	Background Rate of Tuberculosis” Pulmonary Research Conference “Developing a Decision Tree for Tuberculosis Contact Investigation”
Fall 2001 -- 2003	Medical Sociology Graduate Student Pro-Seminar, “Medical Sociologists in Clinical Research”
Spring 2001 & 2002	Medical Sociology Graduate Student Pro-Seminar, “Teaching Research Methods”
Fall 2000	Medical Sociology Graduate Student Pro-Seminar, “Sociological Experiences in Medical Research”
February 1999	CardioPulmonary Rehabilitation Staff Inservice/Education Conference “Pulmonary Rehabilitation: COPD Staging and Events”
August 1999	Center for Outcomes and Effectiveness Research and Education Seminar, “Referral and Enrollments Patterns in Pulmonary Rehabilitation”
September 1998	Respiratory Therapy Student Clinical Course “Choices for Elder Care”

*Preceptor*

2011	Independent Study, Zeenat Mahal, DrPH student, Non-profit grant writing and development
2009	McNair Scholar, University of Arizona, Nicole Thurlow
2007	School of Public Health Intern – Melinda Merrell
2006	School of Public Health Intern – Karna Patel
2001-2007	Respiratory Therapy Students Clinical Research Rotation

*Other Teaching*

2007	K23 Application Review Committee for Alayne Markland, D.O., M.Sc. Assistant Professor, Division of Gerontology, Geriatric Medicine and Palliative Care
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**MAJOR LECTURES AND VISITING PROFESSORSHIPS:**

**Gerald, Lynn B.** (2011). “Evidence Based Asthma Management in Schools.” **Arizona Asthma Coalition**, Phoenix, AZ.

**Gerald, Lynn B.** (2011). “Writing an Effective Discussion.” **American Thoracic Society Postgraduate Course**, “Scientific Writing: Publishing for Academic Success.” Denver, CO.

**Gerald, Lynn B.** (2010). “Developing a Research Project in Pediatric Asthma.” Keynote speaker for the **University of Arizona’s Emergency Medicine Department’s Resident Research Forum**. Tucson, AZ.

**Gerald, Lynn B.** (2010). “New Directions for Asthma Medications in the School.” Invited speaker for the **Arizona Asthma Coalition and Diamond Children’s Medical Center’s 5th Arizona Asthma Conference**. Tucson, AZ.

**Gerald, Lynn B.** (2010). “Asthma Management in the Schools” Invited speaker for the **University of Arizona Pediatric Pulmonary Center and MEZCOPH Issues in Pediatric Health for School Personnel**, Tucson, AZ.

- Gerald, Lynn B.** (2009). “Can School Based Asthma Programs Work?” Invited speaker for Pediatric Grand Rounds, **University of California Irvine**, Irvine CA.
- Gerald, Lynn B.** (2009). “School Based Asthma Management: A Public Health Approach.” Invited speaker for the **University of Arizona College of Medicine Phoenix**, Phoenix, AZ.
- Gerald, Lynn B.** (2009). “Making Asthma Education Easy – Anywhere!”. Invited speaker for the **Association of Asthma Educators National Meeting**, New Orleans, LA.
- Gerald, Lynn B.** (2009). “Designing a Data Collection and Quality Control System.” **American Thoracic Society Postgraduate Course**, “Nuts and Bolts About Designing and Conducting Clinical Studies.” San Diego, CA.
- Gerald, Lynn B.** (2009). “Asthma Programs in Schools.” **University of Arizona Pediatric Pulmonary Center’s Asthma Education for School Personnel**. Tucson, AZ.
- Gerald, Lynn B.** and Bethany Moore. (2008). “PhDs Navigating an MD World.” **American Thoracic Society Postgraduate Course**, “CareerTalk: The Course”, Toronto, Canada.
- Gerald, Lynn B.** (2007). “Results of the Supervised Asthma Therapy Program: Research to Clinical Practice.” **Invited speaker** to present to **AllKids Health Insurance** and the health management staff of **Blue Cross/Blue Shield of Alabama**.
- Gerald, Lynn B.** (2007). “How to Choose a Journal: Is Impact Factor Over-rated?” **American Thoracic Society Postgraduate Course**, *Writing for Publication*, San Francisco, CA.
- Gerald, Lynn B.** (2006). “Should We Be Screening for Asthma in Children?” **Japanese Respiratory Society Meeting**, Tokyo, Japan.
- Gerald, Lynn B.** (2006) “How to Respond to Grant Critiques?” **American Thoracic Society Postgraduate Course**, *Grant Writing for Clinical, Behavioral and Public Health Researchers*, San Diego, CA.
- Gerald, Lynn B.** (2006) “Women and Asthma: A Lifetime Journey.” **Take a Breather for Women’s Health, Women’s Lung Health Conference**, **American Lung Association of Arkansas**, Little Rock, Arkansas.
- Gerald, Lynn B.** (2005) “Clinical Trials: Is A better than B?” **American Thoracic Society Postgraduate Course**, *A Guide to Understanding Clinical Research: How to Critically Appraise Published Studies in Pulmonary and Critical Care Medicine*, San Diego, CA.
- Gerald, Lynn B.** (2005). “How Behavioral Health and Family/Social Function effects Asthma Disparaties.” **National Workshop to Reduce Asthma Disparaties**, Chicago, IL.
- Gerald, Lynn B.** (2004). “Lessons learned from NHLBI School Asthma Programs: NHLBI Research Project Results.” **American College of CHEST physicians**, Seattle, WA.
- Gerald, Lynn B.** (2003). “COPD: Epidemiology and Economic Burden.” **Airways Disease Institute**,

Educational Council Meeting. Las Vegas, NV.

**Gerald, Lynn B.** (2003). "Barriers to Asthma Care in Inner-City Schools." **AstraZeneca Patient Advisory Board.** Washington, DC.

**Gerald, Lynn B.** (2003). "Economic and Social Impacts of COPD." COPD Training Course for **AstraZeneca.** Birmingham, AL.

**Gerald, Lynn B.** (2003). "A Decision Tree for Tuberculosis Contact Investigation." **Invited speaker** for the John J. Sparkman Center for International Public Health Education Annual International Public Health Summer Institute. Division of Principals and Practice of Tuberculosis Control.

**Gerald, Lynn B.** (2003). "Validation of a School Based Asthma Screening Procedure." **Invited speaker** for the American Thoracic Society Meetings, Seattle, WA.

**Gerald, Lynn B.** (2003). "Issues in Implementing Programs and Measuring Outcomes for School Based Asthma Education and Management." **Invited speaker** for the National Asthma Meeting, Washington DC.

**Gerald, Lynn B.** (2003). "Asthma in Schools." Respiratory Update. A continuing education program of the American Lung Association of Alabama. Birmingham, AL.

**Gerald, Lynn B.** (2002). "UAB Lung Health Center Asthma Research." **Invited speaker** to present to the health management staff of Blue Cross/Blue Shield of Alabama.

**Gerald, Lynn B.** (2002). "UAB Lung Health Center Asthma Research." **Invited speaker** to present to the Chief Executive Officer, Chief Financial Officer, and other executives of Blue Cross/Blue Shield of Alabama.

**Gerald, Lynn B.** (2002). "NIH School Based Asthma Research Program." Presented to the National Asthma Education and Prevention Coordinating Committee, Arlington, VA. **Invited speaker** to represent the National Heart, Lung, and Blood Institute's School Based Asthma Research Program.

**Gerald, Lynn B.** (2002). "Issues in Implementing Programs and Measuring Outcomes for School Based Asthma Education and Management." **Invited speaker** for the National Heart, Lung, and Blood Institute seminar at the American Thoracic Society International Meetings, Atlanta, GA.

**Gerald, Lynn B.** (2002). "A Decision Tree for Tuberculosis Contact Investigation." **Invited speaker** for the John J. Sparkman Center for International Public Health Education Annual International Public Health Summer Institute. Division of Principals and Practice of Tuberculosis Control.

**Gerald, Lynn B.** (1999). "Administering and Interpreting the SF-36." **Invited speaker** for The Outcomes Workshop in Cardiovascular and Pulmonary Rehabilitation, Birmingham, AL.

**Gerald, Lynn B.** (1999). "Administering and Interpreting the SF-36." **Invited speaker** for the National meeting of the American Association for Cardiovascular and Pulmonary Rehabilitation, Phoenix, AZ.

**Gerald, Lynn B.** (1999). "Administering and Interpreting the SF-36." **Invited speaker** for the Southern

Association of Cardiac and Pulmonary Rehabilitation's Cardiac and Pulmonary Rehabilitation Outcomes Workshop, Birmingham, AL.

## **GRANT SUPPORT:**

**Mentor.** *Effects of Exercise on Asthmatic Responses in Obese Pediatric Asthmatics.* (PI: Teri Magruder). 08/1/11—07/31/12. University of Alabama at Birmingham, Minority Health Disparities Center. Total Costs = \$30,000. Childhood obesity has reached epidemic proportions in the United States. This pilot study is examining the effect of aerobic exercise on asthmatic responses in obese African American children.

**Mentor.** *Relating Diesel Exhaust Exposure to Respiratory and Immune Outcomes in Early Life.* (PI: Paloma Beamer). 07/1/11 – 6/30/16. National Institutes of Health, National Heart, Lung, and Blood Institute. Year 01= \$128,226/Total Costs=\$670,326. K25 HL103970-01A1

**Co-Principal Investigator.** *Maternal and Child Health Public Health Training Program.* 06/01/2010 – 05/31/2015. Year 01=\$356,499/Total Costs=\$1,736,297. Maternal and Child Health Bureau. The overarching goal for the training program is to increase the number and quality of culturally competent MCH professionals who will provide the next generation of MCH public health leadership for the development of evidence-based policies, programs, and program evaluation to address the health and wellness women, children and families throughout the Southwest and Rocky Mountain region, and nationally. This ambitious goal will be attained by building on five years of experience and achievements as a HRSA funded MCH Training Program, and by enlarging the scope and impact of existing program through a new set of goals and objectives.

**Principal Investigator.** *American Lung Association Asthma Clinical Research Center* 01/01/10-06/31/15. American Lung Association. The ALA-ACRC consists of 18 clinical centers and a data coordinating center who have the mission of improving asthma care through clinical research in diverse populations. The ALA-ACRC conducts various clinical studies related to asthma. Individual trials are listed below:

*Long-acting Beta Agonist Step Down Study (LASST).* GlaxoSmithKline. The purpose of this study is to compare three approaches to care of patients with asthma well-controlled for three months on combination ICS/LABA: reduction of ICS dose and maintenance of LABA, initial discontinuation of LABA with continuation of ICS, and continuation of stable dose ICS/LABA.

*Effect of Positive Airway Pressure on Reducing Airway Reactivity in Patients with Asthma (CPAP).* The objective of this study is to assess the effect of nocturnal CPAP on airways reactivity; to determine the durability of the effect over 12 weeks; to assess the tolerability and adherence to this treatment; and to explore if there are clinically meaningful benefits.

*Study of Asthma and Nasal Steroids (STAN).* National Institutes of Health. The purpose of this study is to determine if treatment of chronic rhinitis and/or sinusitis improves control of asthma in adults and children.

*Study of Soy Isoflavones in Asthma (SOYA).* National Institutes of Health. The purpose of this study is to test the hypothesis that dietary supplementation with soy isoflavones is an effective treatment in patients with asthma.

**Principal Investigator.** (Investigator 3/01/09 – Present. Subcontract to the University of Arizona) *The impact of parent health literacy on pediatric asthma outcomes.* 09/01/07 – 8/31/10. Year 01 = \$287,581/Total Costs = \$865,460. Maternal and Child Health Bureau. The goal of this study is to examine modifiable mechanisms for this health disparity by refining the previously examined role of parent health literacy in asthma outcomes. We will also extend this knowledge by exploring associations with asthma control, asthma symptoms, and understanding of treatment recommendations, as well as sociocultural variables that may affect these relationships.

**Principal Investigator.** (Investigator 3/01/09 – Present. Subcontract to the University of Arizona) *Effect of a school based hand sanitizer program on asthma.* 07/01/08 – 6/30/12. National Heart, Lung, and Blood Institute. R01HL86972 Year 01 = \$724,954/Total Costs = \$2,100,694. This study will examine the effectiveness of a school based hand sanitizer program on asthma exacerbations in elementary school children.

**Investigator.** *A Collaborative Agreement Between the UAB School of Public Health and NASA.* (PI: Leslie McClure). 06/01/2007 – 05/31/2012. Year 01/02 = \$404,858/Total Costs Year 01/02 = \$587,045. National Aeronautic and Space Administration. The goal of this research is to utilize remote sensing data collected by NASA satellites, in applications to public health outcomes. A further goal of the research is the development and evaluation of methods to relate environmental data collected by remote sensing with data collected at ground level.

**Principal Investigator.** *Effectiveness of the TB Contact Priority Model* 04/01/04 – 03/31/09. National Heart, Lung, and Blood Institute. 1 R01 HL072817. Year 01 = \$592,148/Total Cost = \$2,967,139. This project will use a behaviorally focused intervention to implement and test the effectiveness of the TB contact priority model in field implementation.

**Principal Investigator.** *American Lung Association Asthma Clinical Research Center* 01/01/99-12/31/09. American Lung Association. Year 01 = \$150,000/Total Cost = \$750,000. The ALA-ACRC consists of 19 clinical centers and a data coordinating center who have the mission of improving asthma care through clinical research in diverse populations. The ALA-ACRC conducts various clinical studies related to asthma. Individual trials are listed below:

*Study of Asthma and Nasal Steroids (STAN).* National Institutes of Health. The purpose of this study is to determine if treatment of chronic rhinitis and/or sinusitis improves control of asthma in adults and children.

*Study of Soy Isoflavones in Asthma (SOYA).* National Institutes of Health. The purpose of this study is to test the hypothesis that dietary supplementation with soy isoflavones is an effective treatment in patients with asthma.

*Study of Acid Reflux In Children with Asthma (SARCA).* National Institutes of Health. The purpose of this randomized controlled clinical trial is to determine if an approved proton pump inhibitor (PPI), lansoprazole, will improve asthma exacerbations in children 6-16 years of age with poor asthma control.

*Study of Acid Reflux in Asthma (SARA).* National Institutes of Health. This multi-site randomized clinical trial will determine if treatment with an approved proton pump inhibitor (PPI), esomeprazole, will improve asthma exacerbations in adult with poor asthma control.

*Sinusitis and Rhinitis in Asthma (SIRNA).* ScheringPlough. The primary goal of this study was to develop a simple clinical tool to diagnosis rhinosinusitis in subjects with poorly controlled asthma.

*Trial of Asthma Patient Education (TAPE).* National Institutes of Health. The purpose of this trial

was to determine if there is a placebo effect in asthma and to determine if this effect can be augmented by interventions that increase expectancy of benefit. It will also determine if interventions that increase the expectancy of benefit can augment the effect of active treatment. *The Leukotriene Modifier or Corticosteroid or Corticosteroid-Salmeterol Trial. (The LOCCS Trial).* GlaxoSmithKline/American Lung Association. This study will determine if persons with asthma who are well-controlled on twice daily inhaled corticosteroid therapy can remain well-controlled when therapy is stepped down to once daily montelukast or once daily fluticasone propionate plus salmeterol.

*Effectiveness of Low Dose Theophylline as Add-On Therapy in the Treatment of Asthma. (The LoDo Trial).* American Lung Association. The multi-center randomized clinical trial evaluated the effectiveness of using theophylline given at a lower than usual dosage as add-on therapy in treating asthmatics with mild to moderately severe asthma compared to a current and widely used add-on therapy, the anti-leukotriene antagonist montelukast. Both treatments were compared to placebo.

*Study of the Inactivated Influenza Vaccine in Asthmatics (The SIIVA trial).* American Lung Association. This multi-center randomized trial investigated safety of the inactivated split-virus influenza vaccine, trivalent, types A&B, compared to placebo in adults and children with physician diagnosed asthma.

Investigator. *UAB/VAMC Clinical Center in COPD* (PI – William C. Bailey, MD) 07/01/03 – 06/30/08. National Heart, Lung, and Blood Institute. 1 U10 HL074418. Year 01 = 787,550/Total Cost = \$3,937,750. The UAB/VAMC Clinical Center in COPD will participate in the COPD network funded by NHLBI to conduct clinical trials in patients with moderate-to-severe COPD. The aim of the network is to conduct research that will lead to more effective treatment and management for persons with COPD.

Principal Investigator. *A 12-Week, Randomized, Double-Blind, Placebo-Controlled, Multicenter Trial with 40-Week Follow-up Evaluating the Safety and Efficacy of Varenicline Tartrate For Smoking Cessation in Patients with Mild to Moderate Chronic Obstructive Pulmonary Disease: A3051054.* 1/1/06 – 4/30/08. Pfizer. This study is examining the effectiveness of a drug, varenicline tartrate, as a smoking cessation tool in persons with COPD.

Principal Investigator. *Effectiveness of School Based Supervised Asthma Therapy* 4/01/04 – 03/31/07. National Heart, Lung, and Blood Institute. R01 HL075043 Year 01 = \$724,150/Total Cost = \$2,173,785. This project will develop and test the effectiveness of a school based supervised asthma therapy program in children from an inner-city pediatric asthma clinic.

Principal Investigator/Chair. *Issues in Screening for Asthma in Children.* 1/1/05 – 12/31/06. American Thoracic Society Behavioral Science and Pediatric Assembly Project. Total Cost = \$9950. This funding will support a workshop to examine issues in screening for asthma in children. Experts in public health, epidemiology, asthma, and pediatrics will gather in San Diego, CA to discuss these issues and develop a manuscript outlining recommendations. Participants include representatives from the American Thoracic Society, National Institutes of Health, Centers for Disease Control, American College of Allergy, Asthma, and Immunology and the European Respiratory Society.

Investigator. *Breathe Well, Live Well.* 2/28/05 – 12/01/05. American Lung Association. This is a pilot study of a newly developed self-management program for adults with asthma. Total Costs = \$24,624.

Investigator. *Validation and Refinement of a Lung Cancer Risk Model* (PI – Mark Dransfield, MD) 04/01/03 – 03/31/05. National Cancer Institute. Total costs = \$83,302. This project will create a

partnership with Morehouse School of Medicine to validate a lung cancer risk model in participants of the National Lung Cancer Screening Trial.

**Principal Investigator/Chair.** *Issues in Screening for Asthma in Children.* 1/1/04 – 12/31/04. American Thoracic Society Assembly Project. Total Cost = \$2000. This funding will support a planning committee meeting to further develop and discuss the scope of a joint Behavioral Science Assembly and Pediatric Assembly project related to screening for asthma in children.

**Investigator.** *Asthma Self-Management* (PI – William C. Bailey, MD) 01/01/04 – 10/31/04. American Lung Association. Total Cost = \$64,973. This project will modify and update an asthma self-management educational program for adults with asthma.

**Principal Investigator.** *Validation of a School Based Asthma Screening Procedure* 09/30/00 -- 08/31/03. National Heart, Lung, and Blood Institute. 1R01HL65529. Year 01 = \$284,612/Total Cost = \$1,002,112. This study is examining the sensitivity and specificity of a school based asthma screening procedure.

**Principal Investigator.** *Asthma Agents: Patrolling and Controlling Asthma in Elementary Schools* 12/1/02 – 05/30/03. Blue Cross/Blue Shield of Alabama . \$75,000. This project is implementing and evaluating an online asthma education and monitoring system for elementary school children with asthma in two area school systems.

**Principal Investigator.** *Asthma Education in Four City School Systems* 10/01/01 -- 9/30/03. Environmental Protection Agency. Year 01 = \$7500/Total Cost = \$15,000. This project is implementing asthma education in the Fairfield, Midfield, Tarrant, and Bessemer City school systems. Separate education curriculums are being conducted with teachers, nurses, school staff, students diagnosed with asthma, and the general student body.

**Investigator.** *Lung Health Study: Long Term Follow-up (LHSIII)* (PI -- William C. Bailey, MD) 02/01/98 - 01/31/03. National Heart, Lung, and Blood Institute. 1U10HL59291. Year 01 = \$136,932/Total Cost = \$504,189. This is a multi-center project examining long-term post trial follow-up of former Lung Health Study participants to assess the incidence of morbidity and mortality from respiratory and cardiovascular diseases and other causes.

**Principal Investigator.** *Asthma Agents: Patrolling and Controlling Asthma in Elementary Schools* 03/01/02 -- 05/30/02. Blue Cross/Blue Shield of Alabama. \$45,000. This study developed and implemented an online asthma education and monitoring system for elementary school children with asthma.

**Investigator.** *Improving Asthma Management and Prevention in Birmingham Public Schools* (PI -- William C. Bailey, MD) 09/30/95 - 03/30/02. National Heart, Lung, and Blood Institute. N01HR56077. Year 01 = \$337,373/Total Costs = \$1,561,359. This project implemented and evaluated a comprehensive asthma education and prevention program in all 54 public elementary schools in the Birmingham City School System.

**Investigator.** *TB Contact Investigation: A Behavioral Intervention* (PI - William C. Bailey, MD) 09/30/95 - 08/31/00. National Heart, Lung, and Blood Institute. R01HL55752 Year 01 = \$309,178/Total Costs = \$1,234,725. This research project standardized contact investigation procedures and developed a behavioral intervention aimed at the public health workers who perform such investigations to increase

adherence to the standardized protocols. A model to predict which contacts were most likely to have a positive tuberculin skin test was developed and tested using data collected under the new standardized protocols.

Investigator. *Clinical Trial of Inhaled Steroids in COPD (LHSII)* (PI -- William C. Bailey, MD) 09/04/93 - 08/31/00. National Heart, Lung, and Blood Institute. 5U01HL50285. Year 01 = \$45,018/Total Costs = \$1,011,174. This was a multi-centered clinical trial to determine if inhaled corticosteroids could alter the natural history of COPD and reduce morbidity and mortality.

Investigator. *Clinical Trial of Inhaled Steroids in COPD (LHSII) Cataract and Glaucoma Study* (PI -- William C. Bailey, MD) 9/1/99 – 8/31/00. National Heart, Lung, and Blood Institute. 5U01HL50285-06S1. Year 01 = \$45,837/Total costs = \$45,837. This study was a supplement to the LHSII grant to study the effects of corticosteroids on the prevalence of both cataracts and glaucoma.

Investigator. *Clinical Trial of Inhaled Steroids in COPD (LHSII) Bone and Adrenal Study* (PI -- William C. Bailey, MD) 12/1/94 – 8/31/00. National Heart, Lung, and Blood Institute. 5U01HL50285. Year 01 = \$61,451/Total costs = 173,457. This is a supplement to the LHSII grant to study the effects of corticosteroids on bone mineral density and adrenal function.

Investigator. *Outcome Measurement in Cardiac and Pulmonary Rehabilitation – A Collaborative Approach* (PI – Bonnie Sanderson, PhD) 09/01/99 – 08/31/00. American Association of Cardiovascular and Pulmonary Rehabilitation Society Grant. Total costs = \$1000. This grant was given to the Southern Association for CardioPulmonary Rehabilitation to establish the infrastructure and communication network among regional cardiac and pulmonary rehabilitation programs to conduct collaborative outcome measurement for the region. The UAB site served as the lead site and coordinating center for this project.

Investigator. *Evaluation of Spirometry in Screening for Lung Cancer* (PI -- Wesley Granger, PhD) 12/01/98 – 11/30/99. School of Health Related Professions, UAB. Total costs = \$11564. This project is evaluating the hypothesis that smokers with airflow obstruction will be more likely to have abnormal sputum cytologies than smokers without obstruction.

Investigator. *Lung Cancer Substudy* (PI -- William C. Bailey, MD) 10/1/94 – 9/30/99. National Heart, Lung, and Blood Institute. N01HR46019. Year 01 = \$22,839/Total Costs = \$114,195. This study examined the long-term morbidity and mortality effects of continuing smoking, intermittent smoking, and sustained cessation in LHS participants.

## **OTHER:**

2011 Methods, Treatment of Denver, CO.	Chair, Poster Discussion Session “Quality Improvement: Using Research Clinical Support Tools and Teamwork to Improve Assessment and Lung Disease.” American Thoracic Society International Meetings,
2011 Interventions: International	Chair, Symposium, “The Science of Disseminating and Implementing Efficacy versus Effectiveness Research.” American Thoracic Society Meetings, Denver, CO.
2009	Chair, Poster Discussion Session “Psychosocial and Behavioral Factors in Lung Disease.” American Thoracic Society International Meetings, San Diego, CA.
2008	Chair, Poster Discussion Session “Methodology and Measurement in Lung

- Disease.” American Thoracic Society International Meetings, Toronto, CA.
- 2008 Chair, Mini-Symposium “Predicting and Reducing Asthma Morbidity.” American Thoracic Society International Meetings, Toronto, CA.
- 2008 Chair, PostGraduate Course “CareerTalk: The Course.” American Thoracic Society International Meetings, Toronto, CA.
- 2007 Chair, Symposium “COPD Detection and Basis for Treatment.” American Thoracic Society International Meetings, San Francisco, CA.
- 2007 Chair, Poster Discussion Session “The Effects of Social Disparities and Determinants on Lung Health.” American Thoracic Society International Meetings, San Francisco, CA.
- 2007 Chair, Symposium “Improving Your Patient’s Asthma Health: What Works” American Thoracic Society International Meetings, San Francisco, CA.
- 2006 Chair, Symposium “Asthma/COPD.” Japanese Respiratory Society, Tokyo, Japan.
- 2006 Facilitator, Thematic Poster Discussion Session, “Effects of Smoking and Smoking Cessation on Health.” American Thoracic Society International Meetings, San Diego, CA.
- 2005 Moderator, Poster Session, “Asthma Evaluation”. CHEST, Montreal, Canada.
- 2005 Moderator, Symposium, “Asthma Treatment”. CHEST, Montreal, Canada.
- 2005 Chair, Poster Discussion Session, "Factors Associated with Adherence & Management Skills". American Thoracic Society International Meetings, San Diego, CA
- 2005 Head Facilitator, Thematic Poster Session, “Environmental, Psychosocial and Behavioral Factors Related to Lung Disease.” American Thoracic Society International Meetings, San Diego, CA.
- 2005 Facilitator, Thematic Poster Session, “Novel Interventions for Lung Disease.” American Thoracic Society International Meetings, San Diego, CA.
- 2003 Moderator, Mini-Symposium, “The Impact of Psychosocial Factors on Respiratory Health”. American Thoracic Society International Meetings, Seattle, WA.
- 1993 Moderator, Session, “Making Tough Decisions: Let's Get Families Talking.” Alabama Gerontological Society meetings, Birmingham, AL.
- 1993 Chair, Session, “Childhood and Adolescence.” Southwestern Sociological Association meetings, New Orleans, LA.

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2. Gerald, Joe K., Leslie A. McClure, Kathy F. Harrington, Terri Moore\*, Ana Celia Hernandez-Martinez\*, & **Lynn B. Gerald**. (2012). “Measurement Characteristics of the Pediatric Asthma Health Outcome Measure (PAHOM)?” *Journal of Asthma*. 49(3): 260-

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  4. **Gerald, Lynn B.**, Joe K. Gerald, Leslie A. McClure, Kathy F. Harrington, Sue Erwin, & William C. Bailey. "Redesigning a Large School-Based Clinical Trial in Response to Changes in Community Practice." (2011). *Clinical Trials*. 8:311-319. PMID: 3145214.
  5. Kalhan, R., Alexander Arynchyn, Laura A. Colangelo, Mark T. Dransfield, **Lynn B. Gerald**, & Lewis J. Smith. (2010). "Lung Function in Young Adults Predicts Airflow Obstruction 20 Years Later." *American Journal of Medicine*. May;123(5):468.e1-7. PMID: 20399325
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None

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None

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**POSTER EXHIBITS (\*indicates student, resident or fellow author):**

1. Joan M. Mangan, Kristina Ottenwess, Kim Gokhale, Donna H. Wegener, James Keller, Rachel Purcell, Naomi Fineberg, **Lynn B. Gerald**, and Michael Lauzardo. (2008). "An Assessment of Tuberculosis Program Staff Member's Cultural Competency Knowledge, Attitudes, and Skills." Presented at the National TB Controllers Workshop, Atlanta, GA.
2. Karna Patel\*, Sijian Zhang, & **Lynn B. Gerald**. (2007). "Secondhand smoke exposure and asthma morbidity among children enrolled in a clinical trial." Presented at the University of Alabama at Birmingham, Department of Medicine Research Day, Birmingham, AL.
3. Joan M. Mangan, Shana Locke\*, Henna Budhwani\*, Pam Barrett, Charlotte Denton, & **Lynn B. Gerald**. (2006). "Development of a Practical Guide to Enhance the Cultural Competency of Tuberculosis Program Staff Working with Foreign-Born Clients." Presented at the Centers for Disease Control and Prevention poster session at the American Thoracic Society International Meetings, San Diego, CA.
4. Kathy Harrington, Joan M. Mangan, Angelina Wittich, David Redden, Charlotte Denton, Frank Bruce, Kim Taylor, Huey Chen, and **Lynn B. Gerald**. (2006). "Training Public Health TB Staff to Prioritize the Evaluation of Contacts During a Contact Investigation using a Contact Priority Model." Presented at the Centers for Disease Control and Prevention poster session at the American Thoracic Society International Meetings, San Diego, CA.
5. Kaplan, Barbara M, Connie Kohler, Joan Mangan, & **Lynn B. Gerald**. (2005). "Evaluation of the American Lung Association's 'Breathe Well, Live Well: An Asthma Management Program for Adults'". Presented at the Third National Prevention Summit: Innovations in Community Prevention, Washington D.C.
6. Joan Mangan, Shana Locke\*, Frank Bruce, Nancy B. Keenon, Pam Barrett, & **Lynn B. Gerald**. (2005). "Strategic Planning: Using Epidemiological Data to Identify Continuing Education Training Needs for Health Department TB Field Staff.." Presented at the TB Education and Training Network Annual Conference, Atlanta, Georgia.
7. Joan Mangan, Frank Bruce, Pam Barrett, Shana Locke\*, Nancy B. Keenon, & **Lynn B. Gerald**. (2005). "Using Intervention Mapping to Develop a Tuberculosis Contact Investigation Training Program Based Upon a Predictive Model of Transmission." Presented at the TB Education and Training Network Annual Conference, Atlanta, Georgia.
8. Angelina Wittich\*, Shenghui Tang, Anne Turner-Henson, & **Lynn B. Gerald**. (2004). "Parent and child agreement on questionnaires for asthma case detection." Presented at the UAB Department of Medicine Trainee' Research Symposium, Birmingham, AL.
9. James Shamiyeh\*, Maria Pisu, Nancy Keenon, & **Lynn B. Gerald**. (2004). "Cost-effectiveness analysis of an algorithm for identifying and investigating high risk contacts of tuberculosis cases." Presented at the UAB Department of Medicine Trainee' Research Symposium, Birmingham, AL. [Winner of honorable mention for the J. Claude Bennett

Award for Excellence in Research by an Associate Fellow].

10. Jones, Anita, **Lynn B. Gerald**, Bonnie Sanderson, & Charlotte Plaskett. (2000). "A Collaborative Approach to Outcomes Measurement in Cardiac and Pulmonary Rehabilitation." Presented at the American Association for Cardiovascular and Pulmonary Rehabilitation Meeting, Tampa, FL.
11. **Gerald, Lynn B.**, Ronald Feinstein, Anne Turner-Henson, David Redden, Mary Pat Hemstreet, Coralie Haines, & William C. Bailey. (1999). "Reporting of Symptoms in Childhood Asthma: Parent and Child Comparisons." Presented at the International Joint Meetings of the American Thoracic Society, the American Academy of Allergy, Asthma, and Immunology, the Japanese Respiratory Society, and the Japanese Society of Allergology, Honolulu, HI.
12. Turner-Henson, Anne, Ronald Feinstein, **Lynn B. Gerald**, David Redden, Coralie Hains, Mary Pat Hemstreet, Beverly Martin, Sue Erwin & William C. Bailey. (1999). "Identification of Questions that Best Predict a New Diagnosis of Asthma in Children." Presented at the International Joint Meetings of the American Thoracic Society, the American Academy of Allergy, Asthma, and Immunology, the Japanese Respiratory Society, and the Japanese Society of Allergology, Honolulu, HI.
13. **Gerald, Lynn B.**, R. Drew Miller, Nicholas Anthonisen, John Connett, Michael Brooks, & William C. Bailey for the Lung Health Study Research Group. (1999). "Risk Factors for Lung Cancer in the Lung Health Study." Presented at the UAB Comprehensive Cancer Center Research Retreat. [Winner of the William C. Bailey Award for Cancer Prevention Research.]

#### **ORAL PRESENTATIONS (\*indicates student, resident, or fellow author):**

1. Gibson, L.\*, **Lynn B. Gerald**, David Lozano, David Vance, Marti Rice, & Anne Turner-Henson. (2011). Relationships among maternal caregiver family management behaviors, childhood asthma morbidity, and asthma control. Presented at Graduate Student Research Days, University of Alabama at Birmingham, Birmingham, Alabama.
2. **Gerald, Lynn B.** "The UAB Lung Health Center." (2006). Hoover-Metro Kiwanis Club, Birmingham, AL.
3. Spencer, Thomas, **Lynn B. Gerald**, Joan Mangan, Pam Roberts, Aubrey C. Daniels, & William C. Bailey. (2003). "Asthma Agents: Asthma Self-Monitoring by Children." Presented at the Florida Association for Behavioral Analysis Conference, St. Petersburg Beach, FL.
4. **Gerald, Lynn B.**, Joan Mangan, Pam Skelton, Aubrey Daniels, David Redden, & William C. Bailey. (2003). "Asthma Agents: Monitoring Asthma in School." Presented at the National Asthma Conference, Washington, DC.
5. Bailey, William C., **Lynn B. Gerald**, Michael Kimerling, Nancy Dunlap, Frank Bruce, Nancy Brook, David Redden, Ramin Arani, Shenghui Tang, & C. Michael Brooks. (2000) "Tuberculosis Contact Investigation: A Model of Transmission." Presented at the World Congress on Lung Health and 10<sup>th</sup> European Respiratory Society Annual Congress Meetings, Florence Italy.
6. **Gerald, Lynn B.**, Anne Turner-Henson, Ronald Feinstein, Mary Pat Hemstreet, Coralie Hains, Sue Erwin, C. Michael Brooks, Shenghui Tang, & William C. Bailey. (2000). "Results of a School Based Multi-Stage Screening Procedure for Asthma." Presented at the Prevention Center Scientific Conference, Atlanta, GA.

7. Bailey, William C., **Lynn B. Gerald**. (2000). "Susceptibility to Environmental and Occupational Exposures." Presented at the International Conference on Environmental and Occupational Respiratory Diseases, Lucknow, India.
8. **Gerald, Lynn B.** (1998). "Mental Health Outcomes in Women in Caregiving Roles: Is elder care more stressful than child care." Southern Sociological Society meetings, Atlanta, GA.
9. **Gerald, Lynn B.** (1997). "Mental Health Outcomes Among Mothers of Preschool Children." Graduate Student Research Day, University of Alabama at Birmingham.
10. Wrigley, Michael, **Lynn B. Gerald**, & Larry Corder. (1996). "Medical and Demographic Forecasting Models of Dementia and Health Service Utilization". Gerontological Society of America meetings, Washington, DC.
11. **Gerald, Lynn B.** (1996). "Generational Differences Among Homeless Adults". Mid-South Sociological Association, Little Rock, AK.
12. **Gerald, Lynn B.** (1996). "Generational Differences Among Homeless Adults". Southern Demographic Society Meetings, Memphis, TN.
13. **Gerald, Lynn B.** (1996). "Generational Differences Among Homeless Adults". Graduate Student Research Day, University of Alabama at Birmingham.
14. Hanks, Roma S. & **Lynn B. Gerald**. (1994). "Perception of Age and Health: Indications From Responses to a Life Course Transitions Instrument". Southern Gerontological Society meetings, Charlotte, NC.
15. Anderson, Audwin L., G. David Johnson & **Lynn B. Gerald**. (1994). "Female Participation in the War On Drugs." Southwestern Social Sciences Association meetings, San Antonio, TX.
16. Hanks, Roma S. & **Lynn B. Gerald**. (1993). "Perception of Age and Health: Indications from Responses to a Life Course Transitions Instrument". Gerontological Society of America meetings, San Francisco, CA.
17. **Gerald, Lynn B.** (1993). "Social Factors and Obesity in Children". Southern Medical Association meetings, New Orleans, LA.
18. **Gerald, Lynn B.** (1993). "Paid Family Caregiving: A Review of Progress and Policies". Alabama Gerontological Society meetings, Birmingham, AL.
19. Anderson, Audwin, G. David Johnson, Jan Roberts-Jolly, & **Lynn B. Gerald**. (1993). "Factors Related to Workplace Drug Policies and Procedures." Southwestern Sociological Association meetings, New Orleans, LA.
20. **Gerald, Lynn B.** (1993). "Social Class, Social Support, and Obesity Risk in Children". Southwestern Sociological Association meetings, New Orleans, LA.
21. **Gerald, Lynn B.** (1992). "Relationships Between Inheritance and Caregiving Decisions: Exploring Intergenerational Differences". Southeastern Council on Family Relations, Mobile, AL.