

**UNIVERSITY OF ALABAMA AT BIRMINGHAM  
SCHOOL OF MEDICINE  
FACULTY CURRICULUM VITAE**

**PERSONAL INFORMATION:**

**Name:** Ali Ahmed

**Citizenship:** United States of America

**Foreign Language(s):** Bangla (মাতৃভাষা), Farsi (روان), Français (un peu)

**Home:** Homewood, Alabama

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**PRESENT ACCADEMIC RANK AND POSITION:**

Professor (Tenured)  
Division of Gerontology, Geriatrics and Palliative Care  
Division of Cardiovascular Disease (Secondary)  
Department of Medicine, School of Medicine

Professor  
Department of Epidemiology (Secondary)  
School of Public Health

University of Alabama at Birmingham (UAB)  
Birmingham, Alabama

## **HOSPITAL AND OTHER PROFESSIONAL POSITIONS AND APPOINTMENTS:**

- 10/2002 – Director and Staff Physician, Geriatric Heart Failure Clinic, UAB, Birmingham, Alabama
- 02/2001 – Director and Staff Physician, Geriatric Heart Failure Clinic, Section of Geriatrics, Department of Veterans Affairs Medical Center, Birmingham, Alabama
- 05/2000 – 2004 Staff Physician, Jefferson County Nursing Home, Birmingham, Alabama
- 03/1999 – Staff Physician, Geriatric Assessment Clinic, Section of Geriatrics, Department of Veterans Affairs Medical Center, Birmingham, Alabama
- 03/1999 – Staff Physician, Veterans Affairs Medical Center Hospital, Birmingham, Alabama
- 02/1999 – Staff Physician, Geriatric Medicine Clinic, University of Alabama Health Services Foundation, Birmingham, Alabama
- 02/1999 – Staff Physician, University of Alabama Hospital, Birmingham, Alabama
- 1990 – 1993 Primary Care Physician, Ministry of Health, Kerman, Iran
- 1985 – 1988 Primary Care Physician, Ministry of Health, Hamadan, Iran
- 1983 – 1985 Primary Care Physician, Ministry of Health, Bangladesh

## **ACADEMIC APPOINTMENTS:**

- 10/2010 Professor, Division of Gerontology, Geriatrics and Palliative Care, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 07/2009 – Scholar, Center for Clinical and Translational Science, UAB, Birmingham, Alabama
- 09/2007 – Associate Professor (Secondary Appointment), Department of Epidemiology, School of Public Health, UAB, Birmingham, Alabama
- 07/2007 Associate Professor (Secondary Appointment), Division of Cardiovascular Disease, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 02/2007 – Award of Tenure, Division of Gerontology, Geriatrics and Palliative Care, Department of Medicine, UAB, Birmingham, Alabama

- 02/2007–09/2010 Associate Professor, Division of Gerontology, Geriatrics and Palliative Care, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 09/2006 – Director, Geriatric Heart Failure Research Unit, Center for Heart Failure Research, UAB, Birmingham, Alabama
- 01/2004 – Scientist, Center for Heart Failure Research, UAB, Birmingham, Alabama
- 01/2004 – Affiliated Investigator, Veterans Affairs Birmingham/ Atlanta Geriatric Research Education and Clinical Center, Birmingham, Alabama
- 09/2002 – Scholar, Lister Hill Center for Health Policy, UAB, Birmingham, Alabama
- 12/2001 – Scientist, Center for Outcomes and Effectiveness Research and Education, UAB, Birmingham, Alabama
- 08/2000 –07/2007 Assistant Professor, Department of Epidemiology and International Health, School of Public Health, UAB, Birmingham, Alabama
- 02/2000 – 01/2007 Assistant Professor, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 01/2000 – Scientist, Center for Metabolic and Bone Disease, UAB, Birmingham, Alabama
- 11/1999 – Scientist, Center for Aging, UAB, Birmingham, Alabama
- 02/1999 – 01/2000 Associate, UAB Department of Medicine, Birmingham, Alabama

**EDUCATION:**

- 1997– 1999 School of Public Health, UAB, Birmingham, Alabama. Terminal Degree: Master of Public Health (Epidemiology)
- 1976– 1982 University of Dhaka, Sher-e-Bangla Medical College, Barisal, Bangladesh. Terminal Degree: Bachelor of Medicine, Bachelor of Surgery (M. D. equivalent, after 5 years in medical school)
- 1974 – 1976 Government Braja Lal College, Khulna, Bangladesh. Terminal Degree: Higher Secondary Certificate (12 years of school/college)

## **POSTDOCTORAL TRAINING:**

- 02/2000 – 01/2001 Research Fellow, Division of Gerontology and Geriatric Medicine, UAB, Birmingham, Alabama. Funding: Hartford Foundation/  
American Federation for Aging Research
- 2/1999 – 01/2000 Southeast Center of Excellence in Geriatric Medicine Research Fellow, Division of Gerontology and Geriatric Medicine, UAB, Birmingham, Alabama
- 07/1998 – 01/1999 Research Fellow, Division of Gerontology and Geriatric Medicine, UAB, Birmingham, Alabama
- 1998 *Intensive Course in Geriatric Medicine and Board Review.* Multi-campus Division of Geriatric Medicine, School of Medicine, University of California at Los Angeles and American Geriatrics Society, Beverly Hills, California; September
- 07/1997 – 07/1998 Clinical Fellow, UAB Division of Gerontology and Geriatric Medicine and Veterans Affairs Medical Center, Birmingham, Alabama
- 06/1994 – 06/1997 Resident, Department of Medicine, St. John's Episcopal Hospital, Far Rockaway, New York
- 1988 – 1990 Resident, Pediatrics, Dhaka Children's Hospital, Dhaka, Bangladesh
- 1982 – 1983 Intern, Post Graduate Medical Hospital, Dhaka, Bangladesh

## **SEMINARS, WORKSHOPS, AND CONFERENCES:**

- 2007 *Research Opportunities in Older Adults in the Cardiovascular Health Study.* A special workshop for new investigators about research opportunities in the Cardiovascular Health Study; sponsored by the National Heart Lung and Blood Institute. Seattle, Washington, May 14–15. Role: Invited New Investigator
- 2007 *The 4<sup>th</sup> International Meeting on Acute Heart Failure Syndromes: Emerging Therapies and Strategies to Improve Post-Discharge Outcomes.* Chicago, Illinois. April 13–15. Role: Invited Panelist and Speaker
- 2006 *The 9th Cardiovascular Clinical Trialists Workshop* Organized by the Clinical Investigation Center, INSERM (Institut National de la Santé et de la Recherche Médicale) and Faculty of Medicine, University Henri Poincaré, Nancy, France. Paris, France. December 7–8. Role: Invited Panelist

- 2005                    *Research Agenda for Comorbid Disease and Multiple Morbidity in an Aging Society*. National Institutes of Health and American Geriatric Society Sponsored Conference; Atlanta, Georgia, March 2–4. Role: Invited Panelist
- 2004                    *Summer Institute on the Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions*. Sponsored by the National Institutes of Health; Airlie, Virginia, July 11–23
- 2003                    *Introduction to the Use of Medicare Data for Research (CMS 101 Course)*. Research Data Assistance Center, University of Minnesota. Minneapolis, Minnesota; October
- 2000 – 2001           *Clinical Research Training Program*. Sponsored by the National Institutes of Health K30 grant program
- 2000                    *Do Existing Databases Hold the Answers to Clinical Questions in Geriatric Cardiovascular Diseases and Stroke?* Sponsored by the American Heart Association. Washington, DC; January
- 1999                    *The 25<sup>th</sup> Ten-Day Seminar on Epidemiology and Prevention of Cardiovascular Disease*. Sponsored by the American Heart Association; Tahoe City, California, July–August
2000.                    Mentoring meeting with Mark Supiano, MD, University of Michigan, Ann Arbor, Michigan at the American Geriatric Society Annual Scientific Meeting, May, Nashville, Tennessee. Mentor:
- 1999                    Mentoring meeting with Douglas Kiel, MD, Harvard Medical School, Boston, Massachusetts at the American Geriatric Society Annual Scientific Meeting, May, Chicago, Illinois. Mentor:
- 1999                    *Summer Institute on Aging Research*. Sponsored by National Institute on Aging; Airlie, Virginia, July
- 1998                    *Technical Assistance Workshop*. A workshop on aging research sponsored by the National Institute on Aging, Philadelphia, Pennsylvania, November
- 1998                    Mentoring meeting with John Burton, MD. Johns Hopkins University School of Medicine, Baltimore, Maryland at the American Geriatric Society Annual Scientific Meeting, Seattle, Washington. Mentor:

#### **AWARDS / HONORS:**

- 2011                    Discussant, Poster Session entitled Myocardial Function/Heart Failure -- Clinical Pharmacological Treatment, American College of Cardiology Annual Scientific Session, April 4, 2011, New Orleans,

Louisiana

- 2011 Abstract Grader, European Society of Cardiology Annual Congress
- 2011 Abstract Grader, American College of Cardiology Annual Scientific Session
- 2010 Recipient of the UAB Center for Aging Certificate of Honorable Mention for Teaching at the Annual Meeting, October 14
- 2010 Nominated by the Southern Medical Association for its prestigious Dr. Robert D and Alma W. Moreton Original Research Award for original research in clinical medicine
- 2010 Received a Research Excellence Award from the UAB Department of Medicine in recognition of outstanding contributions to the research mission of the Department. March 2, 2010
- 2008 Invited to chair an oral session entitled “CAD Regression– What is the Truth?” at the World Congress on Clinical, Preventive and Geriatric Cardiology, New Delhi, India, Friday, September 19
- 2008 Invited to moderate an oral session entitled “Heart and Lipids” at the 6<sup>th</sup> World Congress on the Aging Male, Tampa, Florida, February 23
- 2008 Selected for January 2008 Research Spotlight on the Department's Research Portal <http://research.dom.uab.edu/> by the Office for Research, Department of Medicine, UAB, Birmingham, Alabama
- 2007 Received a gift of \$100,000 from Ms. Jean B. Morris of Birmingham Alabama to “enhance the scientific research of Dr. Ali Ahmed” in Geriatric Heart Failure at UAB, Birmingham, Alabama
- 2007 Recipient, UAB Center for Aging Oral Presentation Competition Award 2007. An abstract entitled “Association of diuretic use and overactive bladder syndrome in older adults: a propensity score analysis” was presented at the Annual Meeting Plenary Session, October 12, Birmingham, Alabama
- 2007 – Included in the *Best Doctors in America*<sup>®</sup>: Selected by fellow physicians as one among the top 5% of doctors in the United States.
- 2007 Elected by the State of Alabama Department of Senior Services to the Alabama Senior Citizens Hall of Fame to receive a 2007 *Golden Eagle Physician Award*
- 2007 Received letter of commendation from Harold C. Sox, MD, MACP, Editor, *Annals of Internal Medicine*, for “exceptionally fine quality”

- reviews and being one of the “top 30% of all reviews in 2006”
- 2007 Invited to give a lecture on diastolic heart failure at the 5<sup>th</sup> International Congress of Cardiology on the Internet, the 5<sup>th</sup> Virtual World Congress of Cardiology, organized by the Federación Argentina de Cardiología and held on the Internet from September 1st to November 30th, 2007. Title: Diastolic heart failure and the role of digitalis. <http://www.fac.org.ar/qcvc/llave/c047i/ahmeda.php>
- 2007 Awarded a travel grant worth up to \$750 to attend the American Society for Clinical Investigation and the Association of American Physicians joint meeting in Chicago, Illinois, April 13–15 and present a poster entitled: *Low serum potassium and increases long-term cardiovascular mortality in chronic heart failure: A propensity matched study*
- 2006 Selected as a Finalist in poster competition in the Clinical Science category at the 2006 American Heart Association Annual Scientific Sessions in Chicago, Illinois in November for poster entitled: *Cyclooxygenase-2 inhibitor associated reduction in mortality in older adults with heart failure: Results of a propensity score analysis and potential implications for increased physical exercise in heart failure*
- 2006 Invited to introduce the Wilbert S. Aronow, MD, keynote speaker at the Joseph T. Freeman Award Session at the 2006 Gerontological Society of America Annual Scientific Meeting, Adam’s Mark Hotel–Dallas, Texas, November 18, 2006
- 2006 Elected a Fellow of the *European Society of Cardiology*
- 2005 Invited to announce the award of the 2006 Joseph T. Freeman Award to Wilbert S. Aronow, MD, at the 2005 Gerontological Society of America Annual Scientific Meeting, Orlando, Florida, November 20, 2005
- 2005 – Abstract Grader, American Heart Association Annual Scientific Sessions
- 2005 Received letter of commendation from Harold C. Sox, MD, MACP, Editor, *Annals of Internal Medicine*, for “exceptionally fine quality” reviews and being one of the “top 10% of all reviews in 2004”
- 2004 Elected a Fellow of the *American Heart Association* (Councils of Clinical Cardiology and Kidney in Cardiovascular Disease)
- 2003 Elected a Fellow of the *American College of Cardiology*
- 2003 Elected a Fellow of the *Gerontological Society of America*, Section

- of Clinical Medicine
- 2003 Elected a Fellow of the *Society of Geriatric Cardiology*
- 2003 – Abstract Grader, Gerontological Society of America Annual Scientific Meeting
- 2002 – Abstract Grader, American Geriatrics Society Annual Meeting
- 2002 Elected a Fellow of the *American Geriatric Society*
- 2001 Elected a Fellow of the *American College of Physicians*
- 1999 Awarded a travel grant from the American Heart Association to attend the 25<sup>th</sup> Ten-Day Seminar on Epidemiology and Prevention of Cardiovascular Disease at Tahoe City, California
- 1998 Received a Letter of Commendation from John Waterbor, MD, DrPH, Professor of Epidemiology, UAB School of Public Health, for excellent performance in the 'Principles of Epidemiological Research' course in winter 1998
- 1997 Received the *Best Scholarly Work Award* among the 1997 graduating medical residents from St. John's Episcopal Hospital, South Shore, Far Rockaway, New York.
- 1988 Received a Letter of Commendation from M. N. Zaman, MBBS, PhD, Professor of Physiology and Dean of Faculty of Medicine, Rajshahi University, Rajshahi, Bangladesh
- 1982 Topped the list of more than one hundred 1982 graduating medical students from Sher-E-Bangla Medical College, University of Dhaka, Bangladesh, and was selected for internship training at the prestigious Institute of Post Graduate Medicine and Research Hospital, Dhaka, Bangladesh
- 1976 – 1982 Received scholarship and tuition exemption from the University of Dhaka during the entire 5-year medical school study period for superior academic performance in medical school
- 1976 – 1982 Received scholarship from the Board of Education, Jessore, Bangladesh during the entire 5-year medical school study for superior academic performance in the Higher Secondary Certificate examination (national examination after 12 years of school and college)

**PROFESSIONAL BOARDS AND OTHER CERTIFICATIONS:**

- 1998 – 2018 Diplomate, Geriatric Medicine, American Board of Internal Medicine



(Number: 176470)

- 1997 – 2007      Diplomate, Internal Medicine, American Board of Internal Medicine  
(Number: 176470)
- 1994              United States Federal Licensing Examination
- 1994              Educational Commission for Foreign Medical Graduates (Number:  
0-493-380-0)

**PROFESSIONAL LICENSURE:**

- 1996              State of Alabama Medical Licensure Commission # 20242
- 1982              Medical and Dental Registration Council, Bangladesh

**PROFESSIONAL SOCIETIES MEMBERSHIPS:**

- 2007 –              Heart Failure Society of America
- 2006 –              European Society of Cardiology
- 2005 – 2007      American College of Epidemiology
- 2004 –              American Heart Association
- 2003 –              American College of Cardiology
- 2003 – 2005      Medical Association of the State of Alabama
- 2003 –              Southern Society for Clinical Investigation
- 2003 – 2004      American Federation of Medical Research
- 1999 – 2009      Society of Geriatric Cardiology
- 1998 – 2003      Heart Failure Society of America
- 1997 – 2001      American Heart Association
- 1997 – 2007      American Geriatrics Society
- 1997 –              Gerontological Society of America
- 1994 – 2001      American Medical Association
- 1994 – 2004      American College of Physicians

## TEACHING AND MENTORING ACTIVITIES:

- 2010 Faculty Mentor, Vikas Bhatia, MD, Associate, UAB Department of Medicine. Abstract 20952, entitled "Incidence and Predictors of Hospitalization due to Heart Failure among Medicare-Eligible Community-Dwelling Older Adults with Prevalent Heart Failure: Insights from a Prospective Population Study" was selected as the "Top Scoring Abstract" under the Clinical Cardiology category at the American Heart Association 2010 Scientific Sessions in Chicago; [http://sciencenews.myamericanheart.org/sessions/top\\_scoring\\_abstracts.shtml](http://sciencenews.myamericanheart.org/sessions/top_scoring_abstracts.shtml)
- 2010 Faculty Mentor, C. Barrett Bowling, MD, Associate Fellow, Division of Gerontology, Geriatrics & Palliative Care, recipient of the 2010 J. Claude Bennett Award For Excellence In Research By An Associate Fellow Award at the 26<sup>th</sup> Annual Trainee Research Symposium, Department of Medicine, UAB and presented at the Clinical Research Seminar on April 26. Title: "Pre-CKD: A new risk factor for CKD in community-dwelling older adults"
- 2010 Member, UAB Department of Medicine Faculty Mentoring Team for Donna Bearden, MD, assistant professor of Medicine in the Division of Gerontology, Geriatrics & Palliative Care
- 2009 Faculty Lecturer, Heart Failure Didactics for Geriatric Fellows and Residents, UAB, Birmingham, Alabama, October 26. Title: *Fluid Management in Geriatric Heart Failure*
- 2009 Faculty Lecturer, Biology of Aging lecture, Fundamentals I Lecture Series, School of Medicine, UAB, Birmingham, Alabama, September 29. Title: *Biology of Aging*
- 2009 – Faculty Mentor, UAB School of Public Health Course EPI 697 (Internship – Field experience under joint direction of appropriate public health faculty member and qualified specialists working in selected aspects of public health. Pass/No Pass. 3 hours) for Marjan Mujib, Master of Public Health student
- 2008 – 2009 Faculty Mentor, UAB School of Public Health Course EPI 698 (Master's Directed Research, Epidemiology – Independent study with guidance of appropriate public health faculty. Pass/No Pass. 3 hours) for Marjan Mujib, Master of Public Health student
- 2008 – Faculty Mentor, UAB School of Medicine Scholarly Activity, for Anand Iyer, 3<sup>rd</sup> year medical student
- 2008 – Faculty Mentor, UAB School of Medicine 25<sup>th</sup> Annual Trainee Research, for Christopher Barrett Bowling, MD, 3<sup>rd</sup> year medical resident

- 2008 – Faculty Mentor, UAB School of Medicine American Board of Internal Medicine Research Pathway Physician Scientist Program, for Mustafa I Ahmed, MD
- 2008 Faculty Mentor, UAB School of Medicine Mentoring Program 2008–2009. This involves mentoring a group of 8 medical students (2 students from each year) and meet with the group 4 times during the academic year
- 2008 Faculty Lecturer, Biology of Aging lecture, Fundamentals I Lecture Series, School of Medicine, UAB, Birmingham, Alabama, October 1. Title: *Telomere, Telomerase and Aging*
- 2008 Faculty Lecturer, Geriatric Medicine Didactic Lecture Series, UAB, Birmingham, Alabama, March 21. Topic: *DEFEAT: A Simple 5-Step Approach to Geriatric Heart Failure*
- 2008 Faculty Lecturer, Cardiovascular Aging lecture, Cardiovascular Curriculum Module Lecture Series, School of Medicine, UAB, Birmingham, Alabama, February 6. Title: *Interactions between Aging and Failing Heart: Clinical Implications*
- 2007 Faculty Preceptor, UAB School of Medicine Small Group Session, September 25. Topic: Community elder visits by first year medical students
- 2007 Faculty Lecturer, Biology of Aging lecture, Fundamentals I Lecture Series, School of Medicine, UAB, Birmingham, Alabama, September 25. Title: *Telomere, Telomerase and Aging*
- 2007 Contributing Author, Alabama Practice-Based Continuing Medical Education Network: Managing the Care of Complex Adult Patients. Title: *DEFEAT – Heart Failure: A Simple 5-Step Approach to Managing Chronic Heart Failure in Older Adults*. July 10.  
[http://www.alabamacme.uab.edu/courses/Geriatric/Heart\\_Failure/D0373G.html](http://www.alabamacme.uab.edu/courses/Geriatric/Heart_Failure/D0373G.html).
- 2007 Guest Faculty Preceptor, Morning Report with House Staff, Tulane University, New Orleans, July 12
- 2007 Host, Joint Session, Southeast Center of Excellence in Geriatric Medicine Quarterly Conference at Emory University, Atlanta, Georgia, April 11. Title: *“What do I do after my training program? Career trajectories and planning”*
- 2007 Guest Faculty Preceptor, Teaching Rounds with House Staff, UAB – Montgomery Internal Medicine Residency Program, Baptist Medical Center South, Montgomery, Alabama, March 15. Title:

*Geriatric Heart Failure: Management Tips for Residents and Generalist Physicians*

- 2007 Mentor, Shyam Randeria, MD, Geriatric Medicine Fellow, UAB, Birmingham, Alabama
- 2007 – Mentor, International Mentoring Program, American Heart Association
- 2007 Faculty Lecturer, Geriatric Medicine Didactic Lecture Series, UAB, Birmingham, Alabama, February 16. Topic: *Geriatric Heart Failure: A Geriatrician's Perspective*
- 2007 Contributing Author. Alabama Practice-Based Continuing Medical Education Network: Managing the Care of Complex Adult Patients. Title: *ACOVE Needs Assessment Results. Case 2: Geriatric Heart Failure*. January 5.  
[http://www.alabamacme.uab.edu/courses/Geriatric/Heart\\_Failure/D0373G.html](http://www.alabamacme.uab.edu/courses/Geriatric/Heart_Failure/D0373G.html).
- 2006 Organizer and Moderator, Clinical Medicine Symposium entitled *Gerontology and Geriatrics Research Career Development: Training, Mentoring and Funding*. Gerontological Society of America, Annual Scientific Meeting, Dallas, Texas, November 19.
- 2006 Judge, University of Alabama School of Medicine Medical Student Research Day Poster Presentation; October 10, 2006
- 2005 Faculty Lecturer, Geriatric Medicine Didactic Lecture Series, UAB, Birmingham, Alabama, April 28. Topic: *Geriatric Heart Failure: Diagnosis and Management*
- 2005 Organizer and Moderator, Clinical Medicine Symposium entitled *Gerontology and Geriatrics Research Career Development: Training, Mentoring and Funding*. Gerontological Society of America, Annual Scientific Meeting, Orlando, Florida, November.
- 2005 Mentor, Christina Lefante, Master of Public Health Internship, UAB School of Public Health, Birmingham, Alabama
- 2005 – Mentor, Mentoring Program, Gerontological Society of America, Annual Scientific Meeting
- 2005 – Member, Abstract Selection Committee, Annual Scientific Sessions, American Heart Association
- 2005 Faculty Lecturer, Geriatric Medicine Didactic Lecture Series, UAB, Birmingham, Alabama, September 23. Topic: *Geriatric Heart Failure: The Emerging Epidemic and its Implications for Medical Practice*

- 2004 Organizer and Co-moderator, Clinical Medicine Symposium entitled *Gerontology and Geriatrics Research Career Development: Training, Mentoring and Funding*. Gerontological Society of America, Annual Scientific Meeting, Washington, DC, November 22.
- 2004 Guest Speaker, Homewood Middle School 7<sup>th</sup> Grade Language Class (Mrs. Gaines'). Topic: Writing About Heart. November 15, 2004
- 2004 Reviewer, Text Book in Geriatric Medicine: Lippincott Williams & Wilkins
- 2004 Mentor, Mentoring Program, American Geriatric Society, Annual Scientific Meeting, Las Vegas, Nevada, May 20. Mentee: Michael D. Wang, M.D.
- 2004 Member, Abstract Selection Committee, Gerontology Section, Annual Meeting of the Southern Society of General Internal Medicine
- 2003 – Faculty, School of Medicine Scholars' Week Program Course: *The Art of Managing Multiple Medical Problems in Older Adults*. UAB, Birmingham, Alabama
- 2003 – Member, Abstract Selection Committee, Clinical Medicine Section, Annual Scientific Meeting of the Gerontological Society of America
- 2003 – Member, Abstracts Graders Planning Subcommittee, Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, American Heart Association
- 2003 – 2004 Mentor, Medical Research Acting Mentorship: University of Alabama Medical School Student Robert Robichaux. Topic: *Age and race-related variations in the national trend (1970–2000) in hospitalization and mortality due to acute myocardial infarction*
- 2003 Mentor, Symposium on Career Development for Students and New Professionals in Aging, Sponsored by the Gerontological Society of America Student Organization, the Program and Membership Committees, and the Task Force on Women, Gerontological Society of America Annual Scientific Meeting, San Diego, California, November 2003
- 2003 Moderator, Clinical Medicine Symposium entitled "Heart Failure Care in the Long-Term Care Setting: Current Research and Future Directions" presented at the Gerontological Society of America Annual Scientific Meeting, San Diego, California, November 2003

- 2003 Mentor, Small Group Activity for the Freshman Medical Students, UAB School of Medicine, Cell Biology and Physiology in Medicine Course. Topic: *Molecular basis of myocardial beta adrenoceptor changes in heart failure and aging.*
- 2003 Reviewer, American Geriatric Society Review and Evaluation of the American Society of Health-System Pharmacists' Therapeutic Guidelines on Angiotensin-Converting-Enzyme Inhibitors in Patients with Left Ventricular Dysfunction. August 2003
- 2003 – Preceptor, Geriatric Heart Failure Clinic, UAB, Birmingham, Alabama
- 2003 – 2005 Founding Director, School of Medicine Scholars' Week Program Course: *The Art of Managing Multiple Medical Problems in Older Adults.* UAB, Birmingham, Alabama
- 2003 Reviewer, American Geriatric Society Study Guide for Residents who are Preparing to Take the Geriatric Medicine Certification Examination, Sponsored by the American Board of Internal Medicine. February 2003
- 2002 Moderator, Clinical Medicine Symposium entitled "*Quality and Outcomes of Heart Failure Care: Experience from Analyses of an Existing Database*" presented at the Gerontological Society of American Annual Scientific Meeting, Boston, Massachusetts, November, 2002
- 2002 Reviewer, Geriatrics Review Syllabus, Fifth Edition, American Geriatrics Society; 2002
- 2002 – 2004 Mentor, American College of Physicians-American Society of Internal Medicine, Online Young Physician Mentoring Program
- 2002 – 2003 Preceptor, Geriatric Medicine fellow Radhika Mudiayala, MD in preparing and publishing a review article entitled "*Terazosin in the treatment of benign prostatic hyperplasia*" published in the Geriatric Literature section of the *Journal of the American Geriatrics Society* (2003;51:424–426)
- 2002 Member, Abstract Selection Committee for the Annual Meeting of the Veterans Affairs Health Services Research and Development
- 2002 Host, Trainees' Round Table Meeting, Southeast Center on Excellence in Geriatric Medicine. UAB, Birmingham, Alabama. November 7, 2002. Topic: *How to Select a Research Mentor*
- 2001 – 2003 Founding Director, "*Introduction to Geriatric Medicine.*" Scholars' Week Program Course, School of Medicine, UAB

- 2001 Guest Lecturer, *Care Giving* Course, School of Nursing, UAB.  
Topic: *Role of caregivers in heart failure management*
- 2000 – Member, Abstract Selection Committee, Health Services Research, Epidemiology, and Models of Care Sections, Annual Meetings of the American Geriatrics Society
- 2000 Preceptor, Geriatric Medicine fellow Cynthia Baker, MD in preparing an abstract entitled “Late-onset angiotensin-converting enzyme (ACE) inhibitor induced angioedema in a nursing home resident”, presented as a poster at the 2000 American Geriatrics Society annual meeting
- 2000 Mentor, Minority Medical Education Program, UAB School of Medicine, Birmingham, Alabama
- 1999 – Preceptor, Geriatric Assessment Clinic, Birmingham Veterans Affairs Medical Center
- 1999 – 2002 Reviewer, Practical Reviews in Geriatrics, a monthly CME review of Geriatric Literature in print and audio, published by Oakstone Medical Publishing; Editor: Andrew Duxbury, MD
- 1999 – 2002 Preceptor, Geriatric Medicine Fellows’ Long-Term Care Rounds, Jefferson County Nursing Home, Birmingham, Alabama
- 1999 Preceptor, Geriatric Medicine fellow Mounir Darradji, MD in preparing an abstract entitled “Quality of care of nursing home residents with heart failure” presented as a poster at the annual faculty meeting of the UAB Center for Aging, Birmingham, Alabama
- 1998 – 2003 Instructor, “*Introduction to Clinical Medicine*” Course, UAB School of Medicine, Birmingham, Alabama
- 1998 – 2005 Guest Lecturer, *Aging Course: Epidemiology and Biology of Aging*, UAB School of Dentistry, Birmingham, Alabama

**CLINICAL PRACTICE, INTEREST AND ACHIEVEMENTS:**

- 2002 – Founded a Geriatric Heart Failure Clinic at the UAB, Birmingham, Alabama
- 2001 – Founded a Geriatric Heart Failure Clinic at the Birmingham Veterans Affairs Medical Center, Birmingham, Alabama
- 1999 – Trained in heart failure at the Advanced Heart Failure Clinic under Robert Bourge, MD, heart failure expert, Professor and Director, Division of Cardiovascular Disease, UAB, Birmingham, Alabama

## **COUNCILS AND COMMITTEES:**

- 2010 – 2013 Member, Research Committee, Health Sciences Section of the Gerontological Society of America
- 2009 Member, Grant Administration Task Force Committee, Division of Gerontology and Geriatric Medicine, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 2009 – 2010 Member, the Scientific Advisory Board of the International Cardiology Congress of the China National Medicine Association on Combating Heart Disease to be held in Everbright Convention & Exhibition Center, Shanghai, China, December 5–7, 2009
- 2009 – 2010 Member, the Scientific Executive Committees of the International Academy of Cardiology and of the 15<sup>th</sup> World Congress on Heart Disease to be held in The Hyatt Regency, Vancouver, British Columbia, Canada, July 24–27, 2010
- 2009 Member, International Advisory Board of International Congress on Gerontology and Geriatric Medicine, February 26 – 28, 2009 New Delhi, India, being organized by the Indian Academy of Geriatrics and the All India Institute of Medical Sciences, New Delhi, India
- 2008 – Member, Research Committee, Society of Geriatric Cardiology
- 2008 Member, Awards Committee of the International Academy of Cardiology for the 14<sup>th</sup> World Congress on Heart Disease, held in Toronto, Ontario, Canada, July 26–29, 2008
- 2008 Member, Scientific Advisory Boards of the International Academy of Cardiology for the 14<sup>th</sup> World Congress on Heart Disease, held in Toronto, Ontario, Canada, July 26–29, 2008
- 2007 Member, Scientific Advisory Boards of the International Academy of Cardiology for the 13<sup>th</sup> World Congress on Heart Disease, held in Vancouver, British Columbia, Canada, July 28–31, 2007
- 2007 Member, Scientific Advisory Boards of the 13<sup>th</sup> World Congress on Heart Disease, held in Vancouver, British Columbia, Canada, July 28–31, 2007
- 2006 – 2008 Chair, Membership Committee, Gerontological Society of America
- 2006 Chair, Health Disparities and Outcomes Research Task Force Committee, Division of Gerontology and Geriatric Medicine, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 2006 Member, Cardiovascular Biology Research Task Force Committee,



- Division of Gerontology and Geriatric Medicine, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 2006 – Member, Research Workgroup, Geriatric Medicine Fellowship Committee, Division of Gerontology and Geriatric Medicine, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 2005 – Member, Geriatric and Medical Subspecialty Workgroup, Geriatric Medicine Fellowship Committee, Division of Gerontology and Geriatric Medicine, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 2004 – 2007 Member, Scientific Sessions Program Committee, Quality of Care and Outcomes Interdisciplinary Working Group, American Heart Association
- 2004 – 2005 Ad-Hoc Member, Membership Committee, Section of Clinical Medicine, and Member, Standing Committee on Membership, Gerontological Society of America
- 2002 – 2005 Member, Executive Committee, Section of Clinical Medicine, Gerontological Society of America
- 2002 – 2004 Chair, Membership Committee, Section of Clinical Medicine, and Member, Standing Committee on Membership, Gerontological Society of America
- 2002 – 2005 Member, Geriatric Medicine Fellowship Committee, Division of Gerontology and Geriatric Medicine, Department of Medicine, School of Medicine, UAB, Birmingham, Alabama
- 2002 – 2005 Member, Membership Committee, Clinical Medicine Section, Gerontological Society of America.
- 2001 – 2004 Member, Basic Science Subcommittee, Association of American Medical Colleges grant “Enhancing Gerontology/Geriatric Medicine Education in Undergraduate Medical Education”
- 2001 – 2004 Member, Member and Credentials Committee, Society of Geriatric Cardiology
- 2001 – 2004 Member, Education Committee, American Geriatrics Society
- 2002 – Member, Minority Affairs Consortium, American Medical Association
- 2000 – 2002 Member, Integrated Medical Science 2 (Years 3 & 4) Subcommittee, Medical Education Committee, School of Medicine, UAB, Birmingham, Alabama

1997 – 1999            Member, House Staff Council, School of Medicine, UAB,  
Birmingham, Alabama

### **PROFESSIONAL CONSULTANTSHIPS:**

2000 – 2005            Member, Heart Failure Study Group, Alabama Quality Assurance  
Foundation, Birmingham, Alabama

1997 –                    Physician Advisor, Alabama Quality Assurance Foundation,  
Birmingham, Alabama

### **MAJOR RESEARCH INTERESTS:**

Heart Failure in Older Adults: Epidemiology, Quality and Outcomes of Care

### **RESEARCH AND GRANTS: (PAST AND CURRENT):**

2009 – 2011            **Ahmed A** (PI). *Heart failure, Chronic Kidney Disease, and Renin-Angiotensin System Inhibition* (3R01HL085561-03S1). The purpose of this American Recovery and Reinvestment Act (ARRA) funded Administrative Supplement is to hire one new research staff member to advance research supported by the parent grant 5R01HL085561-04 (Heart Failure, Chronic Kidney Disease, and Renin-Angiotensin System Inhibition) and to stimulate the economy. **Amount:** \$184,843

2009 – 2011            **Ahmed A** (PI). *Neurohormonal Blockade and Outcomes in Diastolic Heart Failure* (1 R01 HL097047). The purpose of this American Recovery and Reinvestment Act (ARRA) and the National Heart, Lung, and Blood Institute funded study is to determine the effect of angiotensin-converting enzyme inhibitors and beta-blockers on outcomes in diastolic heart failure patients. **Amount:** \$512,787

2007                    **Ahmed A** (PI). Received a gift donation from Ms. Jean B. Morris of Birmingham Alabama to “enhance the scientific research of Dr. Ali Ahmed” in Geriatric Heart Failure at UAB, Birmingham, Alabama. **Amount:** \$100,000

2006 – 2010            **Ahmed A** (PI). *Heart failure, Chronic Kidney Disease, and Renin-Angiotensin System Inhibition* (R01 HL085561). The purpose of this National Heart, Lung, and Blood Institute funded study is to determine the effect of angiotensin-converting enzyme inhibitors and/or angiotensin receptor blockers on outcomes in heart failure

- patients with chronic kidney disease. **Amount:** \$1,302,427
- 2006 – 2008 Husain, A (PI). Left Ventricular Remodeling in Heart Failure (5R01HL079040). The purpose of this National Heart, Lung, and Blood Institute funded study was to examine the vascular chymase-angiotensin II system and mechanisms of left ventricular remodeling in animal models. **Role:** Co-investigator, mostly helping with data analysis and expanding the translation of bench to bedside research to bedside to populations. **Amount:** \$376,263
- 2004 – 2007 Bittner V (PI). *Heart Failure: A Controlled Trial Investigating Outcomes of Exercise Training (HF-ACTION)*. HF-ACTION is National Heart, Lung, and Blood Institute funded study designed to determine if a tailored exercise program can help heart failure patients live longer. This multi-center study will be conducted at about 50 different sites in the U.S. and Canada. **Role:** Co-investigator, mostly helping with patient recruitment and help site PI in data analysis and publication when data will be made available. **Amount:** \$838,053
- 2004 – Allman RM (PI). *UAB Study of Aging: Mobility Among Older African Americans and Whites (5R01AG015062-08)*. UAB Study of Aging is National Institute on Aging funded study designed to test the hypothesis that subject-specific factors predict mobility among African Americans and whites, and that there are racial differences in potentially modifiable risk factors **Role:** Co-investigator, mostly helping with data analysis and application of propensity matching methods to assemble balanced cohorts. **Amount:** \$4,155,434
- 2003 – 2007 **Ahmed A** (PI): *Heart Failure and Beta-Blocker Use in Older Adults (1 K23 AG019211-01A)*. The purpose of this National Institute on Aging funded Mentored Patient-Oriented Research Career Development Award is to determine prevalence and correlates of beta-blocker use in older adults with heart failure, and its association with outcomes. **Amount:** \$499,771
- 2003 – 2004 **Ahmed A** (PI) and Perry G: *Echocardiographic Correlates of Diastolic Dysfunction in Older Adults*. The purpose of this UAB Center for Aging funded Pilot Research Grant Award is to determine echocardiographic tissue Doppler correlates of diastolic dysfunction in older adults with and without heart failure. **Amount:** \$20,000
- 2003 – 2004 **Ahmed A** (Co-PI) and Perry G (Co-PI): *Impact of Mobile Heart Failure Program on Quality of Care at Satellite Clinics*. The purpose of this Veterans HealthCare Network 7 and Birmingham/ Atlanta Geriatric Research Education and Clinical Center funded Clinical Demonstration Pilot Project Award is to determine if an intervention

using a visiting trained nurse practitioner improves quality of heart failure care at Veterans Affairs satellite clinics. **Amount:** \$50,000

2002 – 2003 **Ahmed A** (PI): *Prevalence and Correlates of Cardiac Catheterization in Older Adults with Heart Failure*. The purpose of this Southeast Center on Excellence in Geriatric Medicine funded Faculty Training Support and Pilot Research Award was to determine prevalence and correlates of cardiac catheterization in older adults with heart failure. **Amount:** \$20,000

2000 – 2001 **Ahmed A** (PI): *Quality of Life of Older Adults with Heart Failure and Urinary Incontinence*. The purpose of this Southeast Center on Excellence in Geriatric Medicine funded Faculty Training Support and Pilot Research Award was to determine the prevalence of diuretic-related overactive bladder and urinary incontinence symptoms among older adults with and without heart failure and its impact on quality of life. **Amount:** \$20,000

1998 – 2000 Bamman, M (PI): *Strength Training in Older Adults*. **Role:** Co-investigator, mostly helping with physical examination of study participants and collection of relevant data. **Amount:** \$20,000

2000 – 2001 **Ahmed A** (PI): *Association between Hospital Performance and the Mortality and Readmission Rates of Elderly Congestive Heart Failure Patients*. The purpose of this Hartford/American Federation of Aging Research funded Academic Geriatric Fellowship Award was to determine if there were associations between consultations between generalist physicians and cardiologists, and quality and outcomes of care in heart failure. **Amount:** \$50,000

1999 – 2000 **Ahmed A** (PI): *Age-related Variation in the Management of Heart Failure among Older Adults*. The purpose of this Southeast Center on Excellence in Geriatric Medicine funded Training Support Award was to determine if there were any age-related variations in the quality of care received by older adults with heart failure. **Amount:** \$50,000

## ORAL PRESENTATIONS:

### *Presentations at National and International Meetings:*

2010 *Hellenic Cardiological Society 31<sup>st</sup> Annual Congress, Athens, Greece, October. Title: Effects of Diuretics, Hypokalemia and Potassium Supplements in Chronic Heart Failure: Insights from Propensity-Matched Studies*

2010 *Pre-arranged Clinical Seminar, European Society of Cardiology*

- Annual Scientific Congress, Stockholm, Sweden; Sunday, August 29. Session Title: Acute Heart Failure: A New Paradigm. Oral Presentation Title: *What is different in the elderly?*
- 2010 *American Geriatrics Society Annual Scientific Meeting* symposium entitled Current Therapies for Heart Failure Management, Orlando, Florida, May 15. Title: Assessment and Evaluation of Heart Failure in the Older Adult
- 2009 *Special Research Seminar, National Institute of Cardiovascular Diseases*, Dhaka, Bangladesh, December 24. Title: *An Update on Heart Failure in Older Adults*
- 2009 *Special Research Seminar, Ibrahim Cardiac Center, Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders*, Dhaka, Bangladesh, December 23. Title: *How to DEFET Heart Failure*
- 2009 *Special CME Seminar, Heart Failure Association of Bangladesh*, Bangabandhu Sheikh Mujib Medical University, Dhaka, Bangladesh, December 20. Keynote Lecture. Title: *Management of Heart Failure in Older Adults*
- 2009 *The 15<sup>th</sup> Diabetic & Endocrine Conference*. Dhaka, Bangladesh, December 18. Invited Plenary Scientific Session Lecture. Title: *Impact of Diabetes Mellitus on Outcomes in Patients with Cardiovascular Disease*
- 2009 *Oral Abstract Presentation, European Society of Cardiology Annual Scientific Congress*, Barcelona, Spain; Wednesday, September 2 (Prepared Lecture Presented by Michel White, MD, Montreal). Session Title: Reassessing Therapeutic Strategies in Heart Failure. Oral Presentation Title: *Renin-Angiotensin System Inhibition and Reduction in All-Cause Mortality in Hospitalized Elderly Diastolic Heart Failure Patients with Chronic Kidney Disease: A Propensity-Matched Study*
- 2009 *Pre-arranged Clinical Seminar, European Society of Cardiology Annual Scientific Congress*, Barcelona, Spain; Sunday, August 30 (Prepared Lecture Presented by Michel White, MD, Montreal). Session Title: Management of Patients Admitted with Acute Heart Failure. Oral Presentation Title: *Fluid Management in Heart Failure in the Elderly*
- 2009 *Research Seminar*, the Division of Prevention and Population Sciences and the Division of Cardiovascular Sciences, the National Heart, Lung, Blood Institute, Bethesda, Maryland, April 7. Title: *Designing Non-Randomized Studies like Randomized Clinical Trials Using Propensity Score Methods: Experience from Geriatric*

*Heart Failure*

- 2009 *Research Seminar*, the Intramural Research Program, the National Institute on Aging, Baltimore, Maryland, April 6. Title: *Designing Non-Randomized Studies like Randomized Clinical Trials Using Propensity Score Methods: Experience from Geriatric Heart Failure*
- 2009 *The Annual Geriatric Medicine Update 2009: Cardiovascular Disease in Older Adults*, Geriatric Research Education and Clinical Center (GRECC) at the Little Rock Veterans Affairs Medical Center and the Arkansas Geriatric Education Center at the University of Arkansas for Medical Sciences Reynolds Institute on Aging, Little Rock, Arkansas. February 21. Title: *DEFEAT Geriatric Heart Failure: A Simple Five-Step Approach*
- 2008 *The National Conference on Cardiovascular Disease*. Theme: Heart Failure: Current status, Emerging Guidelines and Future Trends, Dhaka, Bangladesh, December 1–2. Title: *DEFEAT–HF: A Simplified Approach for the Management of Chronic Heart Failure in Developing Nations*
- 2008 *The National Conference on Cardiovascular Disease*. Theme: Heart Failure: Current status, Emerging Guidelines and Future Trends, Dhaka, Bangladesh, December 1–2. Title: *Effects of Diuretics, Hypokalemia, and Potassium Supplements in Chronic Heart Failure: Findings from Propensity-Matched Studies*
- 2008 *Acute Cardiac Care Congress*, European Society of Cardiology, Versailles, France, October 26. Invited Lecture. Session Title: Controversies in Acute Heart Failure. Title: *Diuretics: Evidence from Propensity-Matched Studies*
- 2008 *Special Research Seminar*, International Centre for Diarrheal Disease Research, Bangladesh, Dhaka, Bangladesh, September 29. Title: *Designing Non-RCT Studies like RCT: Experience from Propensity-Matched Studies in Chronic Heart Failure*
- 2008 *The World Congress on Clinical, Preventive and Geriatric Cardiology*, New Delhi, India, September 19–21. Invited Lecture. Title: *Hyperuricemia and Cardiovascular Morbidity and Mortality: Does it Really Matter How Serum Uric Acid is Elevated? Increased Production versus Decreased Elimination*
- 2008 The 14<sup>th</sup> Annual Scientific Sessions and the World Congress on Heart Disease, International Academy of Cardiology, Toronto, Canada, July 29. Invited Lecture at a Plenary Scientific Session. Session Title: New Horizons in the Management of Heart Failure. Title: *Designing Non-RCT Studies like RCT using Propensity Score Matching: Evidence for Diuretics, Hypokalemia, and Potassium*

*Supplements in Chronic Heart Failure*

- 2008 *The 25<sup>th</sup> Annual Spring Update*, Saint Francis Hospital, Memphis, Tennessee, May 1. Title: *DEFEAT–Heart Failure: A Simple Five-Step Approach to the Management of Chronic Heart Failure for Primary Care Physicians*
- 2008 *The 6<sup>th</sup> World Congress on the Aging Male*, the International Society for the Study of the Aging Male, Tampa, Florida, February 21–24. Invited Plenary Session Lecture. Title: *Heart Failure in the Elderly: Gender and Outcomes in Chronic Heart Failure*
- 2007 *Medical Grand Rounds*, Department of Medicine, College of Medicine, Scott & White Hospital, Texas A&M University System Health Science Center, Temple, Texas, School of Medicine, December 08. Title: *How to DEFEAT Geriatric Heart Failure and Design Non-Randomized Studies like Randomized Trials*
- 2007 *The 60<sup>th</sup> Annual Scientific Meeting*, Gerontological Society of America, San Francisco, California, November 16. Pre-conference Workshop entitled “*Survival Guide to Clinical Research Using Existing Data.*” Topic: *Designing Non-Randomized Studies Like Randomized Clinical Trials Using Propensity Matching: Experience from Geriatric Heart Failure and the Digitalis Investigation Group Trial*
- 2007 *Annual Scientific Sessions*, American Heart Association, Orlando, Florida, November 7. Session Title: Heart Failure: Outcomes With Various Treatment Modalities. Oral Presentation Title: *Potassium supplement use may increase hospitalization without affecting mortality in chronic heart failure: Implications for use of aldosterone antagonists to maintain potassium balance in chronic heart failure*
- 2007 *Research Seminar*, Center for Health Care Research & Policy, Health Services, MetroHealth Medical Center, Case Western Reserve University, Cleveland, Ohio, August 10. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials Using Propensity Score Matching*
- 2007 *Cardiology Grand Rounds*, Department of Medicine, MetroHealth Medical Center, Case Western Reserve University, Cleveland, Ohio, August 09. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials: Experience from Geriatric Heart Failure*
- 2007 *The 13<sup>th</sup> Annual Scientific Sessions and the World Congress on Heart Disease*, International Academy of Cardiology, Vancouver, British Columbia, Canada, July 30. Invited Plenary Session Lecture. Title: *Role of Digoxin in Diastolic Heart Failure*

- 2007 *Special Research Seminar*, School of Public Health and Tropical Medicine, Tulane University, New Orleans, Louisiana, July 11. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials Using Propensity Score Matching*
- 2007 Medical Grand Rounds, Department of Medicine, School of Medicine, Tulane University Health Sciences Center, New Orleans, Louisiana, July 11. Title: *DEFEAT–Heart Failure: Geriatric Heart Failure Made Easy*
- 2007 *Special Research Seminar*, Emory Program in Cardiovascular Outcomes Research and Epidemiology (EPICORE) and Department of Medicine, Emory University, Atlanta, Georgia, May 26. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials: Experience from Propensity Score Matching in Geriatric Heart Failure*
- 2007 *Geriatric Grand Rounds*, Department of Medicine, Washington University, Saint Louis, Missouri, May 16. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials: Experience from Propensity Score Matching in Geriatric Heart Failure*
- 2007 *Geriatrics Research Seminar*, Department of Medicine, University of Wisconsin and VA Medical Center, Madison, Wisconsin, April 20. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials: Experience from Geriatric Heart Failure*
- 2007 *The 4<sup>th</sup> International Meeting on Acute Heart Failure Syndromes: Emerging Therapies and Strategies to improve Post-Discharge Outcomes*. Chicago, Illinois, April 14. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials*
- 2007 *Geriatric Grand Rounds*, Department of Medicine, University of Utah, Salt Lake City, Utah, March 6. Title: *Geriatric Heart Failure, Propensity Score Matching, and Designing of Non-Randomized Studies Like Randomized Clinical Trials*
- 2007 *Geriatric Grand Rounds*, Department of Medicine, Saint Louis University, St Louis, Missouri, February 22. Title: *Geriatric Heart Failure, Propensity Score Matching, and Designing of Non-Randomized Studies Like Randomized Clinical Trials*
- 2007 *Weekly Scientific Seminar*, Vanderbilt University, Division of General Internal Medicine and Public Health, Nashville, Tennessee, February 08. Title: *How to Design Non-Randomized Studies Like Randomized Trials: Use of Propensity Scores*
- 2007 *Weekly Research Seminar*, Center for Aging Research, and Regenstrief Institute, Indiana University, Indianapolis, Indiana,



- January 30. Title: *Heart Failure and Propensity Score Methods: A Model for Designing Non-Randomized Studies*
- 2006 *Special Cardiology Research Seminar*, University Henri Poincaré, and Clinical Investigation Center, INSERM – CHU, Faculty of Medicine, Nancy, France, December 11. Title: *Designing Non-Randomized Studies Like Randomized Trials (Without Access to Outcomes Data): Use of Propensity Score Methods*
- 2006 *Special Cardiology Clinical Seminar*, University Henri Poincaré, and Clinical Investigation Center, INSERM – CHU, Faculty of Medicine, Nancy, France, December 11. Title: *Heart Failure in Older Adults: A Geriatric Perspective*
- 2006 *The 27<sup>th</sup> Annual Conference on Aging*, entitled “Geriatric Primary Care: Current Perspectives & New Horizons,” South Texas Veterans Health Care System Network VISN 17, South Texas Geriatric Education Center, and University of Texas Health Science Center at San Antonio, San Antonio, Texas. August 18. Afternoon Keynote Lecture; Title: *Evaluation and Management of Geriatric Heart Failure: Practical Tips for Non-Cardiologists*
- 2006 *Special Cardiology Seminar*, Montreal Heart Institute, Montreal, Canada, May 10. Title: *Benefits of Digoxin in Chronic Heart Failure: Evidence from a Comprehensive Post-Hoc Analysis of the DIG Trial*
- 2006 *Special Cardiology Seminar*, National Institute of Cardiovascular Disease, Dhaka, Bangladesh, January 8. Title: *Management of Chronic Heart Failure in Developing Nations*
- 2006 *Special Cardiology Seminar*, National Heart Foundation Hospital and Research Institute, Dhaka, Bangladesh, January 2. Title: *Guidelines for Diagnosis and Management of Chronic Heart Failure: Practical Implications for Developing Nations*
- 2005 *The 58<sup>th</sup> Annual Scientific Meeting*, the Gerontological Society of America, New Orlando, FL, November 21, 2005. Clinical Medicine Symposium entitled “*Pharmacological Suppression of the Renin-Angiotensin System in Geriatric Heart Failure: Developments and Controversies.*” Topic: *Epidemiology and Risk Factors of Heart Failure in the Geriatric Population*
- 2005 *Annual Scientific Sessions*, American Heart Association, Dallas, Texas, November 16. Session Title: Heart Failure: Treatments and Clinical Outcomes. Oral Presentation Title: *Diuretics increase mortality and hospitalization in ambulatory patients with chronic systolic heart failure: A propensity score analysis*
- 2005 *Annual Scientific Sessions*, American Heart Association, Dallas,

- Texas, November 16. Session Title: Heart Failure: Treatments and Clinical Outcomes. Oral Presentation Title: *Angiotensin-converting enzyme inhibitors and angiotensin receptor blockers reduce mortality and hospitalization in elderly heart failure patients with chronic kidney disease: A propensity score analysis*
- 2005 *Annual Scientific Sessions, American Heart Association, Dallas, Texas, November 15. Session Title: Heart Failure: Substudies From Larger Trials. Oral Presentation Title: Low-dose digoxin reduces mortality and hospitalization in chronic heart failure: A comprehensive post-hoc analysis of the digitalis investigation group (DIG) trial*
- 2004 *The 57<sup>th</sup> Annual Scientific Meeting, the Gerontological Society of America, Washington, DC, November 22. Clinical Medicine Symposium entitled Gerontology and Geriatrics Research Career Development: Training, Mentoring and Funding. Topic: Career in Heart Failure Outcomes in Older Adults and Use of Existing Database*
- 2004 *Annual Scientific Sessions, American Heart Association, New Orleans, Louisiana, November 12. Title: ACE Inhibitors Improve Survival in Patients with Systolic Heart Failure and Chronic Kidney Disease*
- 2004 *The 4<sup>th</sup> Annual QualityNet Conference, Hunt Centers for Medicare & Medicaid Services, Valley, Maryland. September 22. Title: Systolic Heart Failure, Chronic Kidney Disease, African Americans, and ACE Inhibitor Use*
- 2003 *The 56<sup>th</sup> Annual Scientific Meeting, the Gerontological Society of America, San Diego, California, November 23. Clinical Medicine Symposium entitled "Heart Failure Care in the Long Term Care Setting: Current Research and Future Directions." Topic: Evaluation and management of nursing home residents hospitalized with heart failure*
- 2002 *The 55<sup>th</sup> Annual Scientific Meeting, the Gerontological Society of America, Boston, Massachusetts, November 25. Clinical Medicine Symposium entitled Quality of Heart Failure Care in Older Adults: Experience from an Alabama Quality Assurance Foundation Project. Topic: Survival Benefits of ACE Inhibitors in Elderly Heart Failure Patients with Perceived Contraindications*
- 2001 *The 54<sup>th</sup> Annual Scientific Meeting, the Gerontological Society of America, Chicago, November 18. Title: Correlates of Nursing Home Discharge of Older Adults Hospitalized with Heart Failure.*
- 2001 *The 54<sup>th</sup> Annual Scientific Meeting, the Gerontological Society of*

- America, Chicago, November 16. Title: *Clinical Correlates of Isolated Left Ventricular Diastolic Dysfunction Among Older Heart Failure Patients*
- 2001 *the 17th World Congress, International Association of Gerontology, Vancouver, British Columbia, Canada, July 2. Title: Association between Race and Cardiology Care for Hospitalized Older Heart Failure Patients*
- 2001 *Annual Scientific Meeting, American Geriatrics Society, Chicago, Illinois, May 11. Title: Inappropriate Use of Digoxin in Older Heart Failure Patients.*
- 2000 *The 7<sup>th</sup> World Congress on Heart Failure – Mechanisms and Management, International Society of Heart Failure, Vancouver, British Columbia, Canada, July 10. Title: Consultation between Generalist and Cardiologist: Association with Quality Care for Older Adults Hospitalized with Heart Failure*
- 1999 *The 52<sup>nd</sup> Annual Scientific Meeting, the Gerontological Society of America, San Francisco, November 20. Title: Demographic Correlates of Diastolic Dysfunction Among Older Adults*

***Presentations at Local and Regional Courses and Meetings:***

- 2011 *Mid Winter Conference, Alabama Medical Directors Association, Birmingham, Alabama; February 19. Title: DEFEAT – Heart Failure Management in the Long-Term Care Simplified*
- 2011 *Cardiology Grand Rounds, UAB, Birmingham, Alabama; January 5. Title: Propensity Score Matching in Cardiovascular Research: A Blinded Study Design when Randomized Clinical Trials are Impractical or Unethical*
- 2009 *Clinical Research Seminar, Department of Medicine, UAB, Birmingham, Alabama; Monday, October 4. Title: Propensity-Matched Study: Poor Man’s Randomized Clinical Trial and Source of Evidence*
- 2009 *Fundamentals I Lecture Series, UAB School of Medicine, Birmingham, Alabama. September 29. Title: Biology of Aging*
- 2009 *Epidemiology Seminar Series, Department of Epidemiology, School of Public Health, UAB, Birmingham, Alabama; September 21. Title: When Randomized Trials are Impractical or Unethical: The Role of Propensity-Matched Studies in Deriving Scientific Evidence*

- 2009 *Medical Grand Rounds*, UAB, Birmingham, Alabama; Wednesday, July 29. Title: *Geriatric Heart Failure: Complexity, Need for Evidence, and the Emerging Role of Propensity-Matched Studies*
- 2009 *Cardiology Noon Conference*, UAB, Birmingham, Alabama; Tuesday, May 26. Title: *Effects of Reduced Right Ventricular Ejection Fraction on Outcomes in Heart Failure*
- 2009 *Quarterly Conference Scientific Seminar*, Southeast Center on Excellence in Geriatric Medicine, Emory University, Atlanta, Georgia; Thursday, April 2. Title: *Effects of Renin-Angiotensin System Inhibition in Heart Failure Patients with Chronic Kidney Disease: Findings from Propensity-Matched Studies*
- 2009 *Geriatric Noon Conference*, UAB, Birmingham, Alabama; Thursday, March 26. Title: *Management of Complex Patients with Geriatric Heart Failure: Evidence from Propensity-Matched Studies*
- 2008 *Fundamentals I Lecture Series*, UAB School of Medicine, Birmingham, Alabama. Tuesday, October 1. Title: *Biology of Aging*
- 2008 *Geriatric Noon Conference*, UAB, Birmingham, Alabama; Thursday, September 11. Title: *DEFEAT: A Simple Five-Step Approach to Geriatric Heart Failure*
- 2008 *Medical Grand Rounds*, Physicians Medical Center Carraway, Birmingham, Alabama; Tuesday, September 3. Title: *DEFEAT—Management of Geriatric Heart Failure Made Easy*
- 2008 *Electrophysiology Conference*, Division of Cardiovascular Disease, Department of Medicine, UAB, Birmingham, Alabama; August 21. Title: *Designing Non-RCT Studies like RCT: Evidence from Propensity-Matched Studies in Chronic Heart Failure and Atrial Fibrillation*
- 2008 *Cardiology Grand Rounds*, UAB, Birmingham, Alabama; August 20. Title: *Designing Non-RCT Studies like RCT: Evidence from Propensity-Matched Studies of Diuretics, Hypokalemia, and Potassium Supplements in Chronic Heart Failure*
- 2008 *The American Academy of Family Physicians Clinical Case Conference Series 2008*, UAB Department of Family Medicine, Birmingham, Alabama; August 13. Title: *DEFEAT—Heart Failure: Management of Geriatric Heart Failure Simplified*
- 2008 *Area Agency on Aging Coordinating Council Meeting*, Jefferson County Office of Senior Citizens Services, Birmingham Botanical Gardens, Birmingham, Alabama; March 6. Title: *Story of Aging and Failing Hearts: How to Age Well and DEFEAT—Heart Failure*

- 2007 *Clinical Research Seminar*, UAB Department of Medicine, Birmingham Alabama; October 22. Title: *Evidence for Geriatric Heart Failure: Use of Propensity Matching to Design Observational Studies Like Randomized Trials*
- 2007 *Weekly Research Seminar*, UAB Center for Aging, and Birmingham / Atlanta Geriatric Research, Education and Clinical Center, Birmingham, Alabama. October 19. Title: *Heart Failure, Hypokalemia, Use of Potassium Supplements and Outcomes: Findings from Propensity-Matched Studies*
- 2007 *Annual Meeting Plenary Session*, UAB Center for Aging, Birmingham, Alabama. October 12. Title: *Association of Diuretic Use and Overactive Bladder Syndrome in Older Adults: A Propensity Score Analysis*
- 2007 *Fundamentals I Lecture Series*, UAB School of Medicine, Birmingham, Alabama. September 25. Title: *Biology of Aging*
- 2007 *Medical Grand Rounds*, Caraway Medical Center, Birmingham, Alabama; August 07. Title: *DEFEAT-Heart Failure: A Practical Approach to Managing Heart Failure in Older Adults*
- 2007 *Quarterly Conference Scientific Seminar*, Southeast Center on Excellence in Geriatric Medicine, Emory University, Atlanta, Georgia; April 12. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials: Use of Propensity Score and Experience from Geriatric Heart Failure*
- 2007 *Junior Faculty Peer Group Monthly Seminar*, UAB Division of Gerontology, Geriatrics and Palliative Care, Birmingham, Alabama; April 6. Title: *Think Hard! Work Harder!!*
- 2007 *Medical Grand Rounds*, UAB Montgomery Internal Medicine Residency Program, Montgomery, Alabama; March 15. Title: *Designing Non-Randomized Studies Like Randomized Clinical Trials: Experience from Geriatric Heart Failure and Propensity Score Matching*
- 2006 *Medical Grand Rounds*, Caraway Medical Center, Birmingham, Alabama; August 01. Title: *Assessment and Treatment of Geriatric Heart Failure*
- 2006 *Geriatric Noon Conference*, UAB, Birmingham, Alabama; June 15. Title: *Geriatric Heart Failure: Evaluation & Management*
- 2006 *Weekly Research Seminar*, UAB Center for Aging, and Birmingham / Atlanta Geriatric Research, Education and Clinical Center, Birmingham, Alabama; June 9. Title: *The Role of Digoxin in*

*Geriatric Heart Failure: The Importance of Low Doses and Low Serum Concentrations*

- 2006 *Community Advisory Committee Meeting, UAB Center for Aging, Birmingham, Alabama; April 19. Title: Geriatric Heart Failure: Not Just Heart Failure in Older Adults*
- 2005 *Weekly Research Seminar, UAB Center for Aging, and Birmingham / Atlanta Geriatric Research, Education and Clinical Center, Birmingham, Alabama; October 28. Title: Predictors and Outcomes of Beta-Blocker Use in Older Adults with Heart Failure*
- 2005 *Medical Grand Rounds, Caraway Medical Center, Birmingham, Alabama; August 02. Title: Geriatric Heart Failure: A Clinical and Public Health Challenge*
- 2005 *Weekly Lecture Series, New Horizons, UAB, Birmingham, Alabama; April 5. Title: From Aging Heart to Failing Heart: Aging Well and Avoiding Failure*
- 2005 *Weekly Research Seminar, UAB Center for Aging, and Birmingham / Atlanta Geriatric Research, Education and Clinical Center, Birmingham, Alabama; March 18. Title: The Effects of Diabetes on Mortality and Hospitalization in Heart Failure Patients: A Propensity Score Analysis*
- 2005 *Medical Grand Rounds, UAB, Birmingham, Alabama; February 23. Title: Geriatric Heart Failure: The Emerging Epidemic and Its Implications for Medical Practice*
- 2004 *Alabama Hospital Collaborative: Phase 2, Learning Session 2, Alabama Quality Assurance Foundation, Health South Conference Center, Birmingham, Alabama; Thursday, September 30. Title: Use of ACE Inhibitors and Outcome in Patients with Systolic Heart Failure and Chronic Kidney Disease.*
- 2004 *Quarterly Conference Scientific Seminar, Southeast Center on Excellence in Geriatric Medicine, Emory University, Atlanta, Georgia; March 18. Title: Outcomes of ACE Inhibitor Use in Patients with Systolic Heart Failure and Chronic Kidney Disease*
- 2002 *Weekly Research Seminar, UAB Center for Aging, Birmingham, Alabama; November 15. Title: Improving Quality and Outcomes of Care of Older Adults with Heart Failure: Experience from the Alabama Quality Assurance Foundation Data*
- 2002 *Geriatric Noon Conference, UAB, Birmingham, Alabama; October 24. Topic: Use of Beta Blockers in Older Adults with Heart Failure*

- 2001            *Geriatric Noon Conference*, UAB, Birmingham, Alabama; May 31. Topic: *Survival Benefits of ACE inhibitors in Older Heart Failure Patients with Perceived Contraindications*
- 2000            *Outcomes Research Discussion Group*, UAB Center for Outcomes and Effectiveness Research and Education, Birmingham, Alabama; October 13. Title: *Improving Heart Failure Quality of Care Through Patient Education*
- 2000            *Scientific Advisory Committee Meeting*, General Clinical Research Center, UAB, Birmingham, Alabama; May 2. Title: *Quality of Care of Older Adults with Heart Failure*
- 2000            *Quarterly Conference Scientific Seminar*, Southeast Center of Excellence in Geriatric Medicine, Emory University, Atlanta, Georgia; March 9. Title: *Quality of Care for Older Adults Hospitalized with Heart Failure: Association with Consultations between Generalists and Cardiologists*
- 2000            *External Advisory Committee Meeting*, Southeast Center of Excellence in Geriatric Medicine, Emory University, Atlanta, Georgia; February 03. Title: *Age-Related Variation in the Quality of Care of Older Adults Hospitalized with Heart Failure*
- 1999            *Weekly Research Seminar*, UAB Center for Aging, Birmingham, Alabama; April 23. Title: *Quality of Care of Older Adults with Heart Failure*
- 1999            *Geriatric Noon Conference*, UAB, Birmingham, Alabama. January 28. Title: *Vitamin D Deficiency in Older Adults*
- 1999            *Medical Grand Rounds*, Cooper Green Hospital, Birmingham, Alabama; January 21. Title: *Geriatric Assessment in Primary Care*
- 1998            *Quarterly Conference Scientific Seminar*, Southeast Center on Excellence in Geriatric Medicine, UAB, Birmingham, Alabama; December. Title: *Age-related Variations in the Management of Congestive Heart Failure in Elderly Hospitalized Patients in Alabama*
- 1998            *Medical Grand Rounds*, Caraway Methodist Medical Center, Birmingham, Alabama; November. Title: *Comprehensive Geriatric Assessment: A Review for the Medical Residents*
- 1997            *Noon Conference*, Department of Internal Medicine, St. John's Episcopal Hospital, Far Rockaway, New York; June. Title: *A Case Report and Literature Review of Pneumocystis carinii Pneumonia in a Patient with Lung Cancer*

## **PEER REVIEW OF GRANT APPLICATIONS:**

- 2011 National Institute on Aging, National Institutes of Health, Bethesda, Maryland: Special Study Section (ZAG1 ZIJ-9 M1)
- 2009 – Research Unit, Health System Planning and Research Branch, Health System Strategy Division, Ministry of Health and Long-Term Care, Toronto, Ontario, Canada
- 2008 – Lister Hill Center for Health Policy, UAB, Birmingham, Alabama
- 2008 – Minority Health and Research Center and Resource Centers for Minority Aging Research, UAB, Birmingham, Alabama
- 2008 – 2009 National Institute on Aging, National Institutes of Health, Bethesda, Maryland: Special Study Section (ZAG1 ZIJ 3 O3 P)
- 2008 – International Reviewer of research proposals on cardiovascular diseases, Catalan Agency for Health Technology Assessment and Research, Barcelona, Spain
- 2007 – Research Infrastructure and Special Initiatives Unit, Health Research Board, the lead agency in Ireland supporting and funding health research), Dublin, Ireland
- 2007 – Center on Aging, University of Utah, Salt Lake City, Utah
- 2007 – Randomized Controlled Trials Committee, Canadian Institutes of Health Research (CIHR) / Instituts de Recherche en Santé du Canada (IRSC), Government of Canada's health research funding agency, Ottawa, Ontario, Canada

## **EDITORIAL BOARD MEMBERSHIPS:**

- 2011 – Member, Editorial Board, *World Journal of Hypertension*
- 2009 – 2009 Associate Editor, Archives of Gerontology and Geriatrics
- 2009 – Member, Editorial Board, *Journal of Geriatric Cardiology*
- 2008 – Member, International Editorial Board, *Indian Heart Journal*
- 2008 – Associate Editor, *Archives of Medical Sciences*
- 2007 – Member, Editorial Board, *Journal of Cardiac Failure*
- 2007 – 2009 Section Editor, Education of the Elderly Cardiac Patient, *American Journal of Geriatric Cardiology*
- 2006 – Member, Editorial Board of Consultants, *Archives of Iranian*



*Medicine*

- 2005 – Member, Editorial Board, *Journal of Gerontology, Medical Sciences*
- 2005 – 2009 Member, Editorial Board, *American Journal of Geriatric Cardiology*
- 2005 – Member, Editorial Board, *Archives of Gerontology and Geriatrics*
- 2003 – 2004 Member, Editorial Research Panel, Postgraduate Medicine
- 2003 – 2004 Member, Editorial Review Board, GeriatricWeb  
(<http://geriatricweb.sc.edu/>)

**AD HOC REVIEWER FOR PEER-REVIEWED JOURNALS:**

*Aging Health*  
*Aging Male*  
*American College of Physicians Journal Club*  
*American Heart Journal*  
*American Journal of Cardiology*  
*American Journal of Epidemiology*  
*American Journal of Geriatric Cardiology*  
*American Journal of Managed Care*  
*American Journal of Medical Science*  
*American Journal of Nephrology*  
*Annals of Internal Medicine*  
*Annals of Neurology*  
*Annals of Saudi Medicine*  
*Archives of Gerontology and Geriatrics*  
*Archives of Internal Medicine*  
*Archives of Iranian Medicine*  
*BioMed Central Cardiovascular Disorders*  
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*Cardiology*  
*Circulation*  
*Circulation: Cardiovascular Quality and Outcomes*  
*Circulation: Heart Failure*  
*Clinical Interventions in Aging*  
*Clinical Lipidology*  
*Clinical Medicine: Therapeutics*  
*Disease Management and Health Outcomes*  
*Drugs*  
*Drugs & Aging*  
*Echocardiography*  
*European Heart Journal*  
*European Journal of Heart Failure*  
*Expert Opinion On Pharmacotherapy*

*Fundamental & Clinical Pharmacology*  
*Heart*  
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*Journal of the American Medical Association*  
*Journal of Cardiac Failure*  
*Journal of General Internal Medicine*  
*Journal of Geriatric Cardiology*  
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*Journal of Pharmacy Practice and Research*  
*Journal of Psychosomatic Research*  
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*Postgraduate Medicine*  
*Prescriber's Letter*  
*Southern Medical Journal*  
*University of Sharjah Journal of Pure and Applied Sciences*  
*Vascular Health and Risk Management (New Zealand)*

## MANUSCRIPTS:

### **Peer-Reviewed Publication of Original Research Articles**

1. Kvale E, Ekundayo OJ, Akhter S, Zhang Y, Aban IB, Love TE, Ritchie CS, **Ahmed A**. History of cancer and mortality in community-dwelling older adults (**\*Corresponding Author**). *Cancer Epidemiology*. February 2011; 35: 30–36. **PMCID: pending. PMID: [20708995](#)**
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## BOOKS AND BOOK CHAPTERS

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## ABSTRACTS PRESENTED / PUBLISHED:

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