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Karl Alaric Duncan M.D.

CURRICULUM VITAE

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EDUCATION:

2007-2008	Interventional Cardiovascular Fellowship (Coronary, Carotid and Subclavian, Renal and Peripheral Vascular Intervention)	Wayne State Univ. Harper Univ Hospital Detroit, MI
2006-2007	Coronary and Cardiac CT Fellowship Level II	The Johns Hopkins Hospital and Health Center-Bayview Medical Center Baltimore, MD
2005 - 2006	Advanced Cardiac Imaging Fellowship Level III Nuclear Cardiology Level III Echocardiography (BOARD CERTIFIED – ECHOCARDIOGRAPHY)	Columbia University College of Physicians And Surgeons St. Luke's-Roosevelt Hospital New York, New York
2002 – 2005	Cardiovascular Fellowship (BOARD CERTIFIED)	Wayne State University Department of Internal Medicine Detroit, Michigan
1999 - 2002	Internal Medicine Residency (BOARD CERTIFIED)	Wayne State University Department of Internal Medicine Detroit, Michigan
1995 - 1999	Doctor of Medicine	Louisiana State University School of Medicine at New Orleans New Orleans, Louisiana
1990 - 1994	Bachelor of Science in Mathematics <i>Magna Cum Laude</i> Overall GPA = 3.73 Mathematics GPA = 3.9	Southern University A & M College Baton Rouge, Louisiana

PUBLICATIONS:

"Echocardiographic Markers of Severe Symptoms in Mid and Apical Hypertrophic

Cardiomyopathy" Author Block: Ajay Shah, **Karl Duncan**, Glenda Winson, Sripal Bangalore, Farooq A Chaudhry, Mark V Sherrid, St Luke's Roosevelt Hospital Center, Columbia University, New York, NY
Echocardiography Journal 2009

Neelima Penugonda, M.D., **Karl Duncan M.D.**, Theodore Schreiber, M.D. *FACC FSCAI*, Harper University Hospital **In PRESS: Popliteal Artery Pseudoaneurysm following FoxHollow Atherectomy: A Rare Complication** (the "Work") Manuscript Number: 08-00142 **Journal of Invasive Cardiology** 2008

Karl Duncan M.D., Navdeep Mann, M.D. John M. Flack M.D., M.P.H. Associate Chairman of the Department of Internal Medicine at Wayne State University and Director of CECA (Cardiovascular Epidemiology and Clinical Applications), **"The Influence of Estimated Glomerular Filtration Rate and Albumin Excretion on Blood Pressure Response in Drug Treated Hypertensive Patients in an Academic Hypertension Clinic"**, Wayne State University/Detroit Medical Center **Vasc Health Risk Management. ;3 (6): 1029-37 18200821 (P,S,E,B)** 2007

Neleema Pedogonda, M.D., **Karl Duncan, M.D.**, Louis Afonso, M.D **"Complex Endocarditis in an Immunocompromised Host: The Role of 3-Dimensional Echocardiography"**
Journal of American Society of Echocardiography 2007

Karl Duncan M.D., Navdeep Mann, M.D. John M. Flack M.D., M.P.H. Associate Chairman of the Department of Internal Medicine at Wayne State University and Director of CECA (Cardiovascular Epidemiology and Clinical Applications), **"The Influence of Estimated Glomerular Filtration Rate and Albumin Excretion on Blood Pressure Response in Drug Treated Hypertensive Patients in an Academic Hypertension Clinic"**, Wayne State University/Detroit Medical Center **Kidney International** 2007

Karl Duncan, M.D., Ajay Shah M.D., Farooq Chaudhry M.D., Mark V. Sherrid M.D. **"Hypertrophic Cardiomyopathy with Massive Midventricular Hypertrophy, Midventricular Obstruction and an Akinetic Apical Chamber"**, Case Report Department of Medicine, Division of Cardiology, St. Luke's-Roosevelt Hospital Center, Columbia University, College of Physicians and Surgeons.
Anatolian Journal of Cardiology. 2006

Karl Duncan M.D., Navdeep Mann, M.D. John M. Flack M.D., M.P.H. Associate Chairman of the Department of Internal Medicine at Wayne State University and Director of CECA (Cardiovascular Epidemiology and Clinical Applications), **"The Influence of Estimated Glomerular Filtration Rate and Albumin Excretion on Blood Pressure Response in Drug Treated Hypertensive Patients in an Academic Hypertension Clinic"**, Wayne State University/Detroit Medical Center **Kidney International** 2002

Juzar Ali, M.D., FRCP (C) FCCP; Ed Helm., **Co-Program Coordinator, Karl Duncan "Tuberculosis Education Aimed at Community Health" (TEACH)** **Minority Health Today** Volume 1, Number 5 (44 - 47) July/August 2000.

RESEARCH ACTIVITIES:

"Sensitivity and Specificity of Non-Invasive Coronary Angiography by Multislice Computed Tomography". Evaluating the sensitivity and specificity of Multislice CT Angiography with Coronary Angiography in Detecting Atherosclerotic Coronary Disease. Pierre Atallah M.D., Ruth Marie Atallah, Pierre Atallah, Carol Warner, **Karl Duncan M.D.**, Delair Gardi M.D. Richard Spears M.D., Rochester Medical Center, Rochester, MI Wayne State University, Detroit, MI

"Complete Left Ventricular Collapse in Cardiac Tamponade" A Case Report Wayne State University/ Harper University Hospital. **Karl Duncan M.D.** Detroit, MI

PRESENTATIONS:

New York Echocardiography Society: Brachiocephalic Trunk Stenosis. Case Report 2004

American Society of Nuclear Cardiology: Michigan Chapter: Oral Presentation: Assessing Myocardial Viability by Positron Emission Tomography Prior to Coronary Artery Bypass Surgery. Case Report 2003

American Society of Hypertension: National Meeting: Poster Presentation: "The Influence of Estimated Glomerular Filtration Rate and Albumin Excretion on Blood Pressure Response in Drug Treated Hypertensive Patients in an Academic Hypertension Clinic" 2001

"The Effect of Low Dose Endotoxin on Rats Bearing the Walker Carcinoma", **Karl Duncan**, Sponsor E. Shepherd, Phd., Department of Physiology, Louisiana State University at New Orleans 1996.

PROFESSIONAL ORGANIZATIONS:

Society of Cardiovascular Angiography and Intervention
North American Society of Cardiovascular Imaging
American Society of Echocardiography
American Society of Nuclear Cardiology
American College of Cardiology
American Heart Association
Association of Black Cardiologists
American College of Physicians/ American Society of Internal Medicine
International Society of Hypertension in Blacks
American Medical Association
National Medical Association

HONORS/AWARDS:

Medical School:

Honors: in clinical clerkships: Urology, Otolaryngology, Pediatric Neonatology

Undergraduate School:

1993-1994 National Science and Engineering Alliance Award (Highest GPA in the applied sciences)
1992-1994 Pi Mu Epsilon (Mathematics national Honor Society).
1990-1994 Who's Who Among College Students.
1991-1994 Dow Chemical Scholarship (GPA above 3.75 in the College of Sciences)
1990-1994 Presidential Scholarship (awarded to outstanding students)
1990-1994 Dean's List

EXTRACURRICULAR ACTIVITIES:

Medical School:

1998-1999 TEACH (Tuberculosis Education Aimed at Community Health): Program Coordinator. Established a liaison between the medical community and the general population and increased public awareness of the growing epidemic of Tuberculosis.
1997-1999 Rainbow Teaching Alliance: Educated inner city students of the Iberville career aspirations Grades 2nd through 12th.
1995-1997 Volunteer at the Homeless Clinic and Home for Orphans
1995-1999 Intramural Basketball (3 on 3 Champions 1999; 5 on 5 runner up 1995-1998, 3 on 3 runner up 1995-1998)

Undergraduate School:

1994-1995 Sylvan Learning Center: Educated students in English and Mathematics.

Hospital or Other Professional Appointments

December 2008- Present

Director of Nuclear Cardiology
Detroit Medical Center/ Wayne State University
Harper University Hospital
Detroit, MI

