

CURRICULUM VITAE

Richard D. White, M.D., FACR, FAHA, FACC, FSCCT

PERSONAL INFORMATION:

PLACE OF BIRTH: Schenectady, NY

MARITAL STATUS: Married:
Bonnie Kubek White, M.D.
[American Board of Pediatrics-Certified]

CHILDREN: Marine 1st Lt. Matthew K. White
Emily W. Snider, MBA
Sarah W. Hertzberg
Kyle W. White

ADDRESS:

Home: 568 South Grant Avenue
Columbus, OH 43206
Telephone: (614) 439-6031

6210 St. Andrews Court
Ponte Vedra Beach, FL 32082
Telephone: (614) 439-6031

Business: Department of Radiology
The Ohio State University Medical Center
395 West 12th Avenue, Suite 452A
Columbus, OH 43210

Telephone: (614) 293-4456
Cell Phone: (614) 439-6031
FAX: (614) 366-0743
E-Mail: richard.white@osumc.edu

EDUCATION:

- UNDERGRADUATE:** Bates College
Lewiston, ME
(09/1974 – 05/1975)
- Hamilton College
Clinton, NY
(09/1975 – 05/1978) [A.B.-Biology: 05/28/78]
- GRADUATE:** Duke University School of Medicine
Durham, NC
(08/1978 – 10/1981 Course Completion)
[M.D.: Official Graduation 12/30/81]
- Northwestern University
Chicago, IL
(09/2015 – Present)
[Pending completion in 2018:
M.S. - Health Informatics (Clinical Informatics Specialization)]
- RESIDENCY:** Internal Medicine
University of California-San Francisco Hospitals
San Francisco, CA
(PGY1: 07/1982 – 06/1983)
- Diagnostic Radiology
University of California-San Francisco Hospitals
San Francisco, CA
(PGY 2-3: 07/1983 – 06/1986)
- FELLOWSHIP:** Cardiovascular Imaging
Department of Radiology & Cardio-Vascular Research Institute
University of California-San Francisco
San Francisco, CA
NIH Grant: IT32 HL07570; Sponsor: Charles B. Higgins, MD
(PGY 4-5: 07/1985 – 06/1987)
- POST-GRADUATE RESEARCH TRAINING:**
- Sarnoff Foundation Cardio-Vascular Research Fellowship
Department of Medicine, Division of Cardiology
Duke University Medical Center
Durham, NC
(10/1981 – 06/1982); Supervisor: Galen S. Wagner, MD
- MANAGEMENT TRAINING:**
- “Leading in Health Care Course 2004-2005”
Office of Practice Management, Cleveland Clinic Foundation
Business Plan Developed: “Cardiovascular *First ACCESS*”
(10/8/04 – 06/24/05)
- “AAMC Executive Development Seminar”
Fort Lauderdale, FL
(10/06/06 – 10/11/06)

PROFESSIONAL APPOINTMENTS:**ACADEMIC:**

- Current:** Professor of Radiology (Tenure Granted: 08/01/10)
The Ohio State University College of Medicine,
Columbus, OH
(08/01/10 – Present)
- Professor of Medicine, Division of Cardiovascular Medicine
(Joint Faculty Appointment Granted: 12/27/10)
The Ohio State University College of Medicine,
Columbus, OH
(12/27/10 – Present)
- Category P Faculty Status-
Biomedical Engineering Graduate Program
The Ohio State University,
Columbus, OH
(08/19/11 – Present)
- Past:** Professor of Radiology (Tenure Granted: 07/01/08)
University of Florida College of Medicine,
Gainesville & Jacksonville, FL
(03/16/06 – 07/27/10)
- Research Advisory Council (Member-Selected by Dean)
University of Florida College of Medicine-*Jacksonville*,
Jacksonville, FL
(02/09/07 – 07/27/10)
- Professor of Medicine & Radiology
The Ohio State University College of Medicine,
Columbus, OH
(1999 – 2003): Through affiliation with Cleveland Clinic Foundation
- Category M Faculty Status-
Graduate Program in Biomedical Engineering
The Ohio State University,
Columbus, OH
(1995 – 2003)
- Associate Professor of Radiology
The Ohio State University College of Medicine,
Columbus, OH
(1994 – 1999): Through affiliation with Cleveland Clinic Foundation
- Assistant Professor - Department of Radiology
Case Western Reserve University,
Cleveland, OH
(07/1988 – 09/1989)
- Assistant Professor - Department of Radiology
Georgetown University School of Medicine
Washington, DC
(07/1987 – 06/1988)

ADMINISTRATIVE:

- Current:**
- Chairman/Chief-of-Service
Department of Radiology
The Ohio State University Wexner Medical Center
Columbus, OH
(08/01/10 – Present)
 - Director, Imaging Signature Program
The Ohio State University Wexner Medical Center
Columbus, OH
(08/01/10 – Present)
 - Member, New CEO Selection Committee
(invited by Executive VP of Health Sciences)
Ohio State University Health System
Columbus, OH
(04/16/15 – Present)
 - Member, COM Finance & Investment Committee
(invited by Dean of COM)
Ohio State University College of Medicine
Columbus, OH
(04/01/15 – Present)
- Past:**
- Chairman/Chief-of-Service
Department of Radiology
University of Florida & Shands-*Jacksonville*
Jacksonville, FL
(03/16/06 – 07/27/10)
 - Clinical Director,
Center for Integrated Non-Invasive Cardiovascular Imaging
Cleveland Clinic Foundation,
Cleveland, OH
(07/2003 – 03/2006)
 - Co-Director, Cardiovascular Tomography Laboratory
Cleveland Clinic Foundation
Cleveland, OH
(07/2005 – 03/2006)
 - Head - Section of Cardio-Vascular Imaging
Division of Radiology,
Cleveland Clinic Foundation,
Cleveland, OH
(09/1989 – 03/2006)
 - Full Staff Appointment,
Division of Radiology,
Cleveland Clinic Foundation Hospitals,
Cleveland, OH: (09/1989-03/2006)
Weston, FL: (02/2005 – 03/2006) & Naples, FL: (02/2005 – 03/2006)

Joint Staff Appointment,
Department of Medical Subspecialty Pediatrics, Division of Pediatrics
Cleveland Clinic Foundation,
Cleveland, OH
(1994 – 03/2006)

Joint Staff Appointment,
Department of Cardiovascular Medicine, Division of Medicine
Cleveland Clinic Foundation,
Cleveland, OH
(1995 – 03/2006)

Joint Staff Appointment,
Department of Thoracic & Cardiovascular Surgery,
Division of Surgery
Cleveland Clinic Foundation,
Cleveland, OH
(1995 – 03/2006)

Head - Section of Cardiovascular Imaging
Director - Cardiovascular Magnetic Resonance
University Hospitals of Cleveland
Cleveland, OH
(1988 – 1989)

Director - Cardiovascular Magnetic Resonance
Georgetown University Hospital
Washington, DC
(1987 – 1988)

LICENSES & CERTIFICATIONS:**CERTIFICATIONS:**

Certification by **American Board of Radiology-Diagnostic**
(Award Date: 06/06/86-Lifetime Certification; MOC enrolled)

Certification by **Certification Board of Cardiovascular Computed Tomography** (Examination: 09/22/08; Expiration: 09/22/18)

Certification of **American College of Radiology-Advanced Proficiency in Cardiac Computed Tomography** (Award Date: 09/09/09, ID: 3162641 Expiration: 09/09/19)

SCCT verification of **Level 3 training in Cardiac CT** based on ACCF/AHA Clinical Competency Statement on Cardiac Imaging with Computed Tomography and Magnetic Resonance: A Report of the American College of Cardiology Foundation/American Heart Association/American College of Physicians Task Force on Clinical Competence and Training: J Am Coll Cardiol 2005;46:382-402. (Verification #: 20141205314048; Active: 03/27/08; Expiration: 12/05/17)

SCMR verification of **Level 3 training in Cardiac MR** based on ACCF/AHA Clinical Competency Statement on Cardiac Imaging with Computed Tomography and Magnetic Resonance: A Report of the American College of Cardiology Foundation/American Heart Association/American College of Physicians Task Force on Clinical Competence and Training: J Am Coll Cardiol 2005;46:382-402. (Active: 02/08/10; Expiration: 02/07/13)

Controlled Substances Registration Certificate (DEA)
Number: (Expiration: 05/31/18)

National Provider Identifier Number: 1578524716 (Posted 04/11/06)

MEDICAL LICENSES:

Active: Ohio State Medical License
Number: 35-056986
(Expiration: 10/01/17)

California State Medical License
Number: G50192
(Expiration: 03/31/17)

Florida State Medical License
Number: ME 91616
(Expiration: 01/31/17)

Montana State Medical License
Number: 11021
(Expiration: 03/31/17)

New Mexico State Medical License
Number: MD2008-0618
(Expiration Date: 07/01/18)

Inactive: Indiana State Medical License
Number: 01047555
(Inactive Status: 06/30/03)

District of Columbia Medical License
Number: 01047555A
(Inactive Status: 07/01/03)

Pennsylvania State Medical License
Number: MD-064009-L
(Inactive Status: 12/31/06)

Michigan State Board of Medicine Physician License
ID Number: 4301093178
(Inactive Status: 01/31/12)

PROFESSIONAL MEMBERSHIPS & SERVICES:**MEMBERSHIPS:**

American College of Cardiology [Fellow]

American College of Radiology [Fellow]

American Heart Association:
Council on Cardiovascular Radiology & Intervention [Fellow]

American Medical Informatics Association [Full Member]

Fleischner Society [Full Member]

International Cardioncology Society [Full Member]

La Societe Canadienne-Francaise de Radiologie [Honorary Member]

Radiological Society of North America [Full Member]

Society for Cardiovascular Magnetic Resonance [Founding Member]

Society of Cardiovascular Computed Tomography [Founding Member & Fellow]

Society of Chairmen of Academic Radiology Departments [Full Member]

Society for Imaging Informatics in Medicine [Full Member]

Stanley J. Sarnoff Society of Fellows for Research in
Cardiovascular Science [Senior Fellow & Past Sponsor]

SERVICES:**EXTERNAL:*****American Board of Radiology Examination***

Cardiovascular & Pulmonary Radiology Sections,
[Oral Examiner (Elected): 1993 – 2013]

American College of Cardiology

Annual Scientific Sessions Program,
[Abstract Reviewer (Elected): 1995 – 2011]

American College of Radiology**Current:**

American College of Radiology Appropriateness Criteria Committee,
Expert Panel on Cardiac Imaging,
[Member (Elected): 06/01/12 – 05/31/17]

Committee on Cardiovascular Imaging-Body Imaging -
[Member (Elected): 07/12/11 – 05/31/17]

ACR representative on Writing Group for revision of AHA Scientific Statement on Standardized Myocardial Segmentation and Nomenclature for Tomographic Imaging of the Heart

[Member (Elected): 09/14/09 – Present]

Committee on Appropriate Use of Cardiac Imaging Oversight

[Member (Elected): 06/01/12 – Present]

Cardiovascular Imaging Committee,
American College of Radiology Imaging Network (ACRIN)

[Member (Elected): 02/07/08 – Present]

Coronary Computed Tomography Angiography Registry Exploratory Task Force & Scientific Protocol Development Working Group

[Member (Elected): 02/14/08 – Present]

Coronary CT Angiography

ACR Education Center Course for Certificate of Proficiency

[Instructor (Elected): 10/17/08 – Present]

Past:

American College of Radiology Appropriateness Criteria Committee,
Advisory Group on Decision Support Feedback

[Member (Elected): 2013 – 2015]

Committee on ACR-ACC Appropriate Use of Cardiac Imaging

[Member (Elected): 2008 – 2014]

Cardiac & Peripheral Vascular MR

ACR Education Center Course for Certificate of Proficiency

[Instructor (Elected): 2009 – 2013]

ACR-ACC Multi-Modality Cardiovascular Imaging Appropriateness Program
Oversight Committee

[Member (Elected): 2008 – 2013]

Co-Chairman 1st Writing Group: Heart Failure

[Co-Chairman (Elected): 2009 – 2013]

American College of Radiology Appropriateness Criteria Committee,
Expert Panel on Cardiac Imaging,

[Chairman (Elected): 2008 – 2012]

Health Policy Statement Official Reviewer for ACR-

ACC/ACR/AHA/ASE/ASNC/DICOM/HRS/MITA/NASCI/RSNA/SAIP/
SCCT/SCMR Health Policy Statement on Structured Reporting in
Cardiovascular Imaging.

[Reviewer (Elected): 07/01/08 – 07/21/08]

2009 ACC/AHA/AATS/ACR/ASA/SCA/SCAI/SIR/STS/SVM Guidelines for
the Diagnosis and Management of Patients with Thoracic Aortic Disease.

[Reviewer (Elected): 10/09/08 – 11/21/08]

Committee on Cardiac Imaging,

Drafting Committee for ACR Practice Guideline for the Performance and
Interpretation of Cardiac Computed Tomography (CT)

[Member (Elected): 2005 – 2007]

Committee on Cardiac Imaging,
Drafting Committee for ACR Practice Guideline for the Performance and
Interpretation of Cardiac Magnetic Resonance Imaging (MRI)
[Member (Elected): 2005 – 2007]

Computed Tomography Accreditation Committee, Cardiac Subcommittee
[Member (Elected): 2005 – 2008]

Committee on MRI Accreditation
[Member (Elected): 2000 – 2002]

Commission on Neuroradiology and Magnetic Resonance:
Chairman, Body MRI Subcommittee
Committee for Human Resources-Body MRI
[Co-Chairman (Elected): 1999 – 2002]

1st Author and Writing-Group Chairman,
ACR Standards for the Performance of Cardiovascular MRI
[Chairman (Elected): 1999 – 2001]

Chairman, Cardiovascular MRI Subcommittee of
Committee for Standards and Accreditation
[Chairman (Elected): 1999 – 2001]

Task Force for Cardiovascular Imaging
[Member (Elected): 1999 – 2004]

Committee on Coding & Nomenclature-Commission on Economics
[Member (Elected): 1994 – 1997]

Committee for Standards of Care and Training,
[Member (Elected): 1991 – 1996]

American Heart Association: National Center
Council on Cardiovascular Radiology & Intervention

Current:

CVRI/CLCD Cardiac Imaging Joint Committee
[Member (Elected): 2010 – Present]

Past:

Executive Committee
[Member (Elected): 2007 – 2010]

Committee on Cardiovascular Imaging and Intervention
[Chairman (Elected): 2007 – 2010]
[Member (Elected): 2003 – 2005]

Council Delegate to National Center & Affiliates Annual Meeting
[Assembly Delegate (Appointed): 2004 – 2007]

Council Advocacy Ambassador

[Ambassador (Appointed): 2005 – 2007]

Council Chairman

[Chairman (Elected): 1999 – 2001]

Council Vice Chairman

[Vice Chairman (Elected): 1996 – 1999]

Executive Committee

[Member (Elected): 1992 – 1996]

Committee on Cardiovascular Imaging & Intervention

[Vice Chairman (Elected): 2005 – 2007]

Committee on New Imaging Modalities

[Chairman (Elected): 1993 – 1996]

[Member (Elected): 1990 – 1996]

Long Range Planning Committee

[Member (Elected): 1993 – 1995]

Scientific Program Committee,

[Member (Elected): 1992 – 1997]

Nominating Committee

[Chairman (Elected): 2001 – 2003]

ACR Intersociety Commission Summit Meeting

[Representative (Elected): 1998 – 2001]

American Heart Association: National Center

General

Annual Scientific Sessions Program,

[Abstract Reviewer (Elected): 1992 – 2011]

Council on Clinical Cardiology

Committee on Advanced Cardiac Imaging & Technology,

[Liaison (Elected): 1993 – 1995]

Committee on Cardiac Imaging

[Member (Elected): 1995 – 1996]

Committee on Scientific Councils

[Member (Elected): 1996 – 2001]

Budget Sub-Committee

[Member (Elected): 2000 – 2001]

Anesthesiology, Radiology & Surgery Study Committee,

[Grant Reviewer (Elected): 1994 – 1997]

American Heart Association: Northeast Ohio Affiliate

Research Review Committee

[Volunteer Consultant (Elected): 1990 – 2007]

Certification Board of Cardiovascular Computed Tomography

Chairman & Question Writer for NonCardiac content of annual CBCCT exam
[Chairman (Elected): 2009 – 2011]

International Consortium for Standardization in Cardiac CT

[Chairman: 2000 – 2006]

International Society of Magnetic Resonance in Medicine

Chairman of Study Group on Cardiac MR
[Chairman (Elected): 1994 – 1998]

Workshop on Cardiovascular MRI: Present and Future
[Organizer: 10/13/94 – 10/15/94]

Study Group Review Committee
[Member (Elected): 1995 – 2001]

Annual Meeting Program,
[Abstract Reviewer (Elected): 1995 – 2007]

National Institutes of Health

Reviewer, Cancer Imaging Program-NCI: ACRIN Mid-Term Review
[Reviewer (Elected): 05/18/11]

Program Reviewer, Biomedical and Metabolic Imaging Branch, National Institute
of Diabetes, Digestive, and Kidney Diseases, National Institutes of Health
[Reviewer (Elected): 05/1/13]

North American Society for Cardiac Imaging

Executive Committee & Board of Directors
[(Elected): 2007 – 2009]

Membership Committee,
[Chairman (Elected): 2007 – 2009]

Executive Committee & Board of Directors
[Secretary-Treasurer (Elected): 1994 – 1996]

ACR Intersociety Commission Summit Meeting,
[Representative (Elected): 1991 – 1995]

Membership Committee,
[Member (Elected): 1993 – 1996]

Finance Committee,
[Member (Elected): 1994 – 1996]

Program Committee,
[Chairman (Elected): 1993 – 1994]
[Co-Chairman (Elected): 1994 – 1995]

International Committee,
[Member (Elected): 1995 – 1997]

Radiological Society of North America**Current:**

Research & Education Foundation
Board of Trustees

[Board Secretary (Elected): 12/05/14 – Present]
[Trustee (Elected): 12/01/12 – Present]

2012 Nominating Committee

[Member (Elected): 10/28/11 – Present]

RSNA-ACR Public Information Advisors Network: Cardiac Imaging

[Member (Appointed): 2004 - Present]

Scientific Program Committee,
Cardiac Subcommittee

[Member (Elected): 03/27/08 – 12/05/14]
[Abstract Reviewer (Elected): 2008 – Present]

Past:

Research & Education Foundation

Fund Development Committee, Corporate Giving Subcommittee

[Chairman (Elected): 11/28/09 – 12/02/11]
[Vice Chairman (Elected): 2008 – 2009]
[Member (Elected): 2007 – 2008]

RSNA Representative to the ACC/AHA Cardiac Imaging Clinical Data Standards
Writing Committee

[Member (Elected): 2008]

Refresher Course Committee, Cardiovascular Section

[Chairman (Elected): 1994 – 1997]

Ad-Hoc Cardiac MR Subcommittee of 1996 RSNA Program Committee

[Member (Elected): 1996 – 1997]

Society of Cardiovascular Computed Tomography

Corporate Relations Committee

[Member (Elected): 2008 – 2010]

Government/Payer Advocacy Committee

[Member (Elected): 2009 – 2010]

Society for Cardiovascular Magnetic Resonance

Program Committee

[Member (Elected): 2009 – 2011]
[Member (Elected): 1996 – 1997]

Society for Magnetic Resonance Imaging

Medical Science Council,
Committee on Body Imaging,

[Chairman (Elected): 1990 – 1993]
[Member (Elected): 1989 – 1993]

Basic Science Council,

Committee on Clinical Applications,
[Member (Elected): 1993]

Editorial Boards

Clinics in Oncology: Lung Cancer
(Remedy Publications LLC)
[Member (Elected): 03/29/16-Present]

Journal of Biomedical Engineering and Informatics
(Sciedu Press)
[Member (Elected): 03/31/16-Present]

Medical Radiology-Diagnostic Imaging
(Springer-Verlag GmbH, Heidelberg)
[Cardiac Editor-USA: 2010 – 2015]

Advances in MDCT: An International Literature Review Service
(Clinical Publishing Services, Ltd, Oxford)
[Member (Elected): 2003 – 2006]

Journal of Magnetic Resonance Imaging
[Member (Elected): 1995 – 1997]

Journal of Cardiovascular Magnetic Resonance
[Member (Elected): 1999 – 2004]

Peer Scientist Reviewer –

American Heart Journal
American Journal of Cardiology
American Journal of Roentgenology
Annals of Thoracic Surgery
Chest
Circulation
Congestive Heart Failure
Investigative Radiology
Journal of the American College of Cardiology
Journal of the American College of Cardiology-Cardiovascular Imaging
Journal of Computer Assisted Tomography
Journal of Magnetic Resonance Imaging
Journal of Nuclear Medicine
Magnetic Resonance Imaging
Magnetic Resonance in Medicine
Radiology

HONORS & AWARDS:**UNDERGRADUATE:**

Summa cum laude,
Valedictorian-Hamilton College Class of 1978: 1978

Phi Beta Kappa: 1977

Holbrook Prize in Biology: 1978

GRADUATE:

Appointment- Fellow in the **Stanley J. Sarnoff
Society of Fellows for Research in Cardiovascular Science**: 1981

STAFF:**PROFESSIONAL:**

Appointment - **Fellow of the American College of Radiology** (FACR): 2010

Appointment - **Fellow of the American Heart Association** (FAHA): 1989

Appointment - **Fellow of the American College of Cardiology** (FACC):
1994 (# 612894)

Appointment - **Fellow of the Society of Cardiovascular Computed
Tomography** (FSCCT): 2009

Appointment - **Diplomat of the Certification Board of Cardiovascular
Computed Tomography**: 12/01/08

2006 Charles T. Dotter Memorial Award
Council of Cardiovascular Radiology and Intervention,
American Heart Association

Listing in **Madison Who's Who of Executives and Professionals**
2006 – 2009 Honors Editions,
Madison Who's Who, Inc., Long Island City, NY

Listing in **The Best Doctors in America**
1994 – 2016 Editions,
Woodward/White, Inc., Aiken, SC
research@bestdoctors.com

Listing in **Best Doctors**
2007 – 2014 Editions,
Best Doctors, Inc. 1 Boston Place, Boston, MA 02108
info@bestdoctors.com

Listing in **America's Top Doctors**
2007 – 2016 Editions,
Castle Connolly Medical, Ltd. 42 West 24th Street, New York, NY 10010
www.castleconnolly.com

2007 Distinguished Physician Award: 02/08/07
Florida Medical Association, Inc.

2014 Joseph E. & Nancy O. Whitley Award for best manuscript at Association of University Radiologists-62nd Annual Meeting & Scientific Sessions, Baltimore, MD: 4/3/14: Collins J, Gruppen L, Bailey JE, Bokhari SA, Paladin AM, Robbins JB, **White RD**. *24/7/365 In-house radiologist coverage: Effect on resident education.*

2015 Joseph E. & Nancy O. Whitley Award for best manuscript at Association of University Radiologists-63rd Annual Meeting & Scientific Sessions, New Orleans, LA: 4/16/16: England B, Collins J, **White RD**, Seagull FJ, Deledda J. *Radiology report turn-around time: Effect on resident education.*

TEACHING:

Radiology Residents Teacher-of-the-Year Award,
Georgetown University Hospital: 1988

Radiology Resident Teacher-of-the-Year Award,
University Hospitals of Cleveland/CWRU: 1989

Supervisor of **Melvin Judkins Young Investigator Award Recipient**: Srichai MB for Srichai MB, Junor C, Rodriguez LL, Stillman AE, Grimm RA, Lieber ML, Weaver JA, Smedira NG, **White RD**. Imaging and pathologic characteristics of left ventricular thrombus: A comparison of contrast-enhanced magnetic resonance imaging, transthoracic echocardiography and transesophageal echocardiography with surgical or pathologic validation. American Heart Association Scientific Sessions 2004, New Orleans, LA: 11/07/04.

Supervisor of **Melvin Judkins Young Investigator Award Finalist**: Carmichael BB for Carmichael BB, Setser RM, Stillman AE, Lieber M, Smedira NG, Starling R, Weaver JA, Houston A, **White RD**. Effects of ventricular restoration for antero-apical post-infarction left ventricular aneurysm repair on left ventricular function using dynamic magnetic resonance imaging. American Heart Association Scientific Sessions 2005, Dallas, TX: 11/15/05.

VISITING PROFESSORSHIPS:

Department of Radiology,
Northeastern Ohio Universities College of Medicine,
Rootstown, OH: 04/15/93

Department of Radiology,
St. Louis University School of Medicine,
St. Louis, MO: 01/09/95

Department of Radiology,
College of Physicians & Surgeons of Columbia University
New York, NY: 02/08/95

Department of Radiology,
Institut de Cardiologie de Montreal &
Distinguished Lecturer,
33rd Annual Congress Societe Canadienne-Francaise de Radiologie
Montreal, Quebec: 10/28/97 – 10/29/97

Department of Radiology,
Toronto Hospital &
Distinguished Speaker,
University of Toronto Lecture Series

Toronto, Ontario: 03/02/98 – 03/03/98

Departments of Medicine & Radiology,
Newark Beth Israel Medical Center of the
Saint Barnabas Health Care System &
the Mount Sinai School of Medicine
Newark, NJ: 05/28/98

Department of Radiology,
College of Physicians & Surgeons of Columbia University
New York, NY: 09/02/98

Department of Cardiovascular Medicine
Cleveland Clinic Foundation
Cleveland, OH: 09/20/00

Department of Radiology
Cornell University-New York Presbyterian Hospital
New York, NY: 08/23/01

Department of Radiology
University of Louisville
Louisville, KY: 10/25/03

Department of Radiology and Nuclear Medicine
University of Western Ontario
London, Ontario, Canada: 10/27/03

Department of Radiology
University of North Carolina-Chapel Hill
Chapel Hill, NC: 05/26/05.

Baylor College of Medicine Cardiology Fellowship Program
St. Luke's Episcopal Hospital
Houston, TX: 07/29/05

Department of Radiology
Boston University Medical Center
Boston, MA: 10/20/05

Department of Radiology
Mayo Clinic
Jacksonville, FL: 06/29/15

RESEARCH & EDUCATIONAL PROGRAMS:

GRANTS-FUNDED:

Government-Federal:

MRI of the Central Cardiovascular System [HL38698-01A3 CWRU]:
NIH-National Heart, Lung and Blood Institute;
[Consultant]; (1990 – 1995: \$1,483,868).

Echocardiographic Assessment of Cardiovascular Adaptation and Countermeasures in
Microgravity:
National Space Biomedical Research Institute;
[Collaborating Investigator]: (2004 – 2008 for >\$1,000,000)

The “PediPump”-A Versatile, Implantable Pediatric Ventricular Assist Device:
National Heart, Lung & Blood Institute-NIH;
 [Collaborating Investigator]: (2004 – 2009 for \$4,200,000)

Multi-Modality Patient-Specific Evaluation of Ischemia [1R03EB004841-01]:
National Institute of Biomedical Imaging and Bioengineering-NIH;
 [Collaborating Investigator]: (2005 – 2007 for \$131,288)

Study of Myocardial Perfusion and Coronary Anatomy Imaging Roles in CAD (SPARC)
 [HL101060-01]:
National Heart, Lung & Blood Institute-NIH;
 [Site Principal Investigator]: (05/30/07 – 07/27/10 for \$6,924).

Monitoring of Coronary Calcium in Patients with Juvenile Onset Diabetes of
 Epidemiology of Diabetes Interventions and Complications (EDIC) Trial:
National Institute of Diabetes and Digestive and Kidney Diseases-NIH;
 [Scanning Center Principal Investigator]: (01/18/01 – 02/28/03: \$300/EDIC Pt x 52 EDIC
 Pts).

Improved understanding of abdominal aortic aneurysm progression using MR
 elastography [1R01HL124096-01A1] (PI: Arunark Kolipaka, Ph.D.):
National Heart, Lung & Blood Institute-NIH;
 [Co-Investigator]; (11/14/14 – 10/31/19 for \$2,422,987).

Lung texture score [1UH54HL119810-01] (PI: B. Selnur Erdal, Ph.D):
National Heart, Lung & Blood Institute-NIH Center for Accelerated Innovations at
 Cleveland Clinic;
 [Co-Investigator]; (03/01/15 – 02/29/16 for \$145,746).

Government-State:

Validation of Coronary Calcium Scoring Using Dual Energy CT
 James & Esther King Biomedical Research Program New Investigator Grant
Florida Department of Health (Grant #: 08KN-06)
 [Mentor to New Investigator: Kevin R. Johnson, Ph.D.]: (05/30/07 – 05/29/10 for \$375,000)

Evaluation of the Relationship between Right Ventricular Myocardial Mechanics and
 Pulmonary Artery Vessel and Flow Dynamics in Pulmonary Artery Hypertension by MRI
 James & Esther King Biomedical Research Program New Investigator Grant
Florida Department of Health (Grant #: 09KN-03-23138)
 [Mentor to New Investigator: El-Sayed H. Ibrahim, Ph.D.]: (07/01/09 – 06/30/12 for
 \$375,000)

Professional Association:

Coronary Artery Magnetic Resonance Angiography:
RSNA Research & Education Fund-Seed Grant Research Program;
 [Principal Investigator]; (07/01/89 – 06/30/90: \$10,000).

RSNA Institutional Clinical Fellowship in Cardiovascular Imaging:
Radiological Society of North America;
 [Program Director & Principal Investigator]: (01/01/03 – 12/30/07 for \$150,000)

Industry:

A Phase II Multicenter Study to Examine the Utility of Omniscan™ (Gadodiamide) Injection T2 Magnetic Susceptibility Effects and Late T1 Relaxation Properties in the Evaluation of Myocardial Perfusion: Sterling Winthrop Pharmaceuticals Research Division grant [Principal Investigator]; (02/01/94 – 01/31/95: \$106,267.43 but terminated by company with \$10,000 paid for initiation services)

Development of Cardiovascular MRI Image-Display/Analysis Package for GE Signa-5.X System. GE Medical Systems project support; [Principal Investigator]; (09/01/95 – 08/31/97: \$50,000)

Development & Validation of Magnetic Resonance Myocardial Cine Saturation-Tagging & Phase-Tracking: Design for a Computer-Controlled Deformable Phantom Simulating the Left Ventricle. Siemens Medical Systems project support; [Principal Investigator]; (02/01/96 – 08/01/96: \$35,000).

Cardiovascular Research Agreement with The Cleveland Clinic Foundation Baxter CVS [Collaborator]; (1998 – 2000: \$1,000,000)

An Open-Label, Phase II, Feasibility Study Evaluating Coronary Anatomy Using MRI and Safety and Tolerance of NC100150 Injection in Subjects with Ischemic Heart Disease. Nycomed Amersham Imaging [Principal Investigator]; (06/01/99 – 12/31/99: \$50,000)

Evaluation of the Accuracy of Ultra-fast Magnetic Resonance Phase Velocity Mapping Techniques in Quantifying Blood Flow Velocity Siemens Medical Systems [Co-Investigator]; (06/01/00 – 10/01/00: \$26,538.00)

Dual-Injection Contrast-Enhanced MDCT of the Cardiovascular System Medrad, Inc. [Principal Investigator]; (01/15/00 – 07/15/02: Supply of Dual-Chamber Spectris Injector and Disposable Supplies)

General Contract Agreements between the Section of Cardiovascular Imaging (Division of Radiology, Cleveland Clinic Foundation) and Siemens Medical Systems, Inc.

1. Cardiac MR Imaging Research and Development
[Principal Investigator]; (08/01/98 – 07/31/09)
 - Heavily discounted Symphony-Sonata and Avanto
 - 11-year 100% salary support for Research Coordinator (\$75,000/year)
 - 50% salary support of Cardiac MRI Physicist/Engineer (\$55,000/year)
2. Cardiac Image (MRI, MDCT, PET) Co-Registration Development
[Principal Investigator]; (12/01/00 – 05/01/06)
 - 6-year 75% salary and benefits support for Physicist/Engineer (\$80,000/year)
 - Advanced post-processing capabilities (Proteus, Common Angio, Argus WIP)
3. Cardiac MDCT Research and Development
[Principal Investigator]; (08/01/98 – 12/31/10)
 - Co-Investigator in Beta Testing of 4-, 16-, 64, area-detector scanners
 - 12-year 100% salary support for Cardiac CT Research Technologist (\$75,000/year)
 - Project support for Retrospective Gating analysis (\$5,000)
4. Combined Cardiac PET/MDCT Research and Development
[Principal Investigator]; (08/30/03 – 09/01/04)

- Co-Investigator in Beta Testing of combined 3D-PET/16-detector CT scanner

Unrestrictive Educational Grant for support of the Cardiovascular Tomography Fellowship of the Section of Cardiovascular Imaging (Division of Radiology, Cleveland Clinic Foundation)

Berlex Laboratories.

[Program Director & Principal Investigator]: (07/01/02 – 06/30/03: \$66,500 for salary support)

Pulmonary Vein Imaging Core Laboratory

Atricure, Inc. Restore-SR Study

[Principal Investigator]: (03/10/04 – 03/01/06 for \$305,630)

An Open-Label, Baseline-Controlled, Single Dose Escalation Study of the Safety and Efficacy of SeeMore™ (EVP 1001-1 Injection) in Heart Patients

Eagle Vision Pharmaceutical Corporation

[Principal Investigator]: (06/01/04 – 05/30/05 for \$152,230)

A Multicenter, Randomized, Double-Blind, Parallel Group, Phase IV Study to Compare the Renal Effects of the Non-Ionic Iso-Osmolar Contrast Medium, Iodixanol 320 mg I/mL (Visipaque™), with the Non-Ionic Low Osmolar Contrast Medium, Iopamidol 300 mg I/mL, in Subjects with Impaired Renal Function and Diabetes Mellitus Undergoing Multidetector-Row Helical CT.

General Electric Healthcare (Clinical Protocol DXV 406)

[Collaborating Investigator]: (2005 – 2007 for \$250,000)

Master Research Agreement between the University of Florida College of Medicine-Jacksonville and Siemens Medical Solutions, Inc. for Research and Development Related to Integrated Advanced Imaging Technology [Principal Investigator]

(05/15/07 – 07/27/10):

1. Cardiovascular MR & CT Imaging Research and Development (\$200,000/year)
2. Breast Ultrasound 3D & Elastography Imaging and Digital Tomosynthesis Mammography
3. Prostate MR Imaging & Spectroscopy at 3 Tesla

Master Research Agreement between the University of Florida College of Medicine-Jacksonville and Medrad, Inc. for Research and Development Related to Advanced Imaging Technology [Principal Investigator]

(03/21/08 – 07/27/10): Patient-Based Contrast Dosing in Coronary CTA

Prospective non-randomized observational (pharmacoepidemiologic) cohort study (open-label, multicenter) to assess the magnitude of potential risk with the administration of Magnevist Injection in patients with moderate to severe renal impairment for the development of nephrogenic systemic fibrosis (NSF) based on biopsy confirmation, or of cutaneous changes consistent with NSF. Bayer Healthcare Pharmaceuticals (Protocol #: 312141) [Site Principal Investigator]: (12/02/08 - 07/27/10 for \$2,250/recruited patient).

Native outflow tract transcatheter pulmonary valve research clinical study. Medtronic, Inc. [Sub-Investigator]: (01/14/13 – Present for \$1,302/recruited patient).

Foundation:

Repository for Oncologic Quantitative Imaging Data of *ORION*. DeBartolo Foundation

[Principal Investigator]: (03/31/14 – Present for \$250,000).

GRANTS-PENDING:

Optimization of real-time techniques for clinical cardiac magnetic resonance. R01 (PI: Simonetti OP) NIH [Co-PI]; (\$1,488,428)
 Improved understanding of HF-pEF pathophysiology using cardiac MR elastography. R01 (PI: Kolipaka A) NIH [Co-PI]; \$3,679,557

PATENTS:

Approved:

Larson A, Simonetti OP, **White RD**, Laub G. Method for synchronizing magnetic resonance imaging data to body motion. Application No. 10/360,530; File Date: 02/06/03; Patent #: 6,798,199. Issue Date of Patent: 09/28/04.

O'Donnell T, Dikici E, Setser RM, **White RD**. System and method for a semi-automatic quantification of delayed enhancement images. Application No. 11/070,349; File Date: 03/02/05; Patent #: 7,460,699; Issue Date of Patent: 12/02/08.

O'Donnell T, Dikici E, Setser R, **White RD**. System and method for tracking and classifying the left ventricle of the heart using cine-delayed enhancement magnetic resonance. Application No. 11/372,783; File Date: 03/10/06; Patent #: 7,668,354; Issue Date of Patent: 02/23/10.

Kim JK, Chen KKO, Stillman AE, Loeffler RB, Setser RM, **White RD**. Acquiring contrast-enhanced, T1-weighted, cine magnetic resonance images. Application No. 10/835,849; File Date 04/29/04; Patent #: 7,809,426; Issue Date of Patent: 10/05/10.

O'Donnell T, Xu N, Setser RM, **White RD**. System and method for using delayed enhancement magnetic resonance imaging and artificial intelligence to identify non-viable myocardial tissue. Application No. 10/677,190; File Date: 10/02/03; Patent #: 7,877,130; Issue Date of Patent: 01/25/11.

Dikici E, O'Donnell TP, Setser RM, **White RD**. System and method for 3D vessel segmentation with minimal cuts. Application No. 12/391,501; File Date 02/24/09; Patent #: 8,126,232; Issue Date of Patent: 02/28/12.

Dikici E, **White RD**. Sample Point-Based, Blob-Like, Closed-Surface Delineation Approach. Application No. 13/576,008; File Date 02/04/11; Patent #: 9,177,373; Issue Date of Patent: 11/03/15.

Kolipaka A, Arnold JW, Lee FP Jr, **White RD**. Hydraulically-powered system and method for achieving magnetic resonance elastography. Application No. 13/832,977; File Date 03/15/13; Patent #: 9,295,407; Issue Date of Patent: 03/29/16.

Pending:

O'Donnell T, Beliveau P, **White RD**, Cheriet F. Computation of coronary perfusion territories from CT angiography. US Patent and Trademark Office, Invention Disclosure 2007E07388US as a Provisional Patent Application 2007P07389US: File Date 04/05/07

Dikici E, O'Donnell TP, Grady L, Setser RM, **White RD**. Coronary artery centerline tracking using axial symmetries. US Patent and Trademark Office, Invention Disclosure 2008E16710US as a Provisional Patent Application 2008P17848US: File Date 09/15/08

White RD, Erdal B, Haley R. Smart Imaging; Provisional Patent Application 61/866568: File Date 08/16/13

Kolipaka A, Layman R, **White RD**. Computed tomography (CT)-based elastography. Provisional US Patent Application ...; Application No. 62/154,497: File Date 04/29/15; Attorney Docket #: 029784-9088-US00; OSU Tech ID 2014-262.

EDUCATIONAL ACTIVITIES:

CCF POST-GRADUATE TRAINING ACTIVITIES:

CLINICAL CARDIOVASCULAR IMAGING FELLOWSHIPS:

Robert J. Optican, M.D.
[Department of Radiology, Duke University School of Medicine]:
07/01/93 - 06/30/94

Douglas A. Powell, D.O.
[Department of Radiology,
Michigan State University College of Osteopathic Medicine]:
07/01/96 – 06/30/97

Hooman Khabiri, M.D.
[Department of Radiology, Ohio State University School of Medicine]:
07/01/96 – 12/30/96

Paul Schoenhagen, M.D.
[Department of Cardiovascular Medicine, Cleveland Clinic Foundation]:
07/01/02 – 06/30/03

Monvadi B. Srichai, M.D.
[Department of Cardiovascular Medicine, Cleveland Clinic Foundation]:
07/01/02 – 06/18/04

Jae K. Kim, M.D., Ph.D.
[Department of Radiology, University of Toronto School of Medicine]:
07/01/02 – 06/30/03

Brett B. Carmichael, M.D.
[Radiology Services, Nation Naval Medical Center-Bethesda & Radiology
Department, Naval Medical Center of Portsmouth]:
07/01/04 – 06/30/05

Ali Islam, M.D.
[Department of Radiology, University of Western Ontario]:
07/01/04 – 06/30/05

Eric F. Tocci, M.D.
[Department of Radiology, University of Florida College of Medicine-*Jacksonville*]:
07/01/06 – 06/30/07

Mario A. Pulido, M.D.
[Department of Cardiology, University of Florida College of Medicine-*Jacksonville*]:
08/01/07 – 06/27/08

SABBATICAL SPONSORSHIP/ RESEARCH FELLOWSHIPS:

Elliot O. Lipchik, M.D.
[Medical College of Wisconsin]:
03/01/92 – 08/30/92

Kenneth C. Chow, M.D.
[University of Saskatchewan]:
01/01/93 – 05/30/93

Metin Manisali, M.D.
[Dokuz Eylul University School of Medicine, Izmir, Turkey]:
08/07/94 – 08/06/95

Bin Liu, M.D.
[China Medical University, Shenyang, China]:
10/17/94 – 07/01/96

John G. Murray, M.B., M.R.C.P.I., M.Sc., F.R.C.R.
[Mater Misericordiae Hospital, Dublin, Ireland]:
06/01/96 – 09/30/96

Paulo R. Schwartzman, M.D.
[Hospital De Clinicas De Porto Alegre, Porto Alegre, Brazil]:
07/01/98 – 06/30/01

Kyung Il Chung, M.D., Ph.D.
[Ajou University School of Medicine, Suwon, Korea]:
03/20/00 – 02/23/01

Guillermo O. Rios, M.D.
[Clinica Alemana, Santiago, Chile]:
07/01/01 – 09/01/01

Kevin K.W. Chen, M.B., Ch.B., M.R.C.P., F.R.C.R.
[Singapore General Hospital, Singapore]:
10/01/01 – 09/30/02

Monica Fernandez Valls, M.D.
[Hospital Valdecilla, Santander, Spain]:
07/01/02 – 12/30/02

Yolanda Tejada-Silva, M.D.
[Hospital San Jose de Monterrey, Monterrey N.L., Mexico]:
05/16/05 – 08/12/05

BIOMEDICAL ENGINEERING PROGRAMS:

Cynthia B. Paschal, Ph.D.
[Case Western Reserve University]: 1989 – 1993

Anila Lingamneni, M.S., Ph.D.-Candidate
[Ohio State University]: 1993 – 1996

Bernhard Sturm, Ph.D.
[Ohio State University]: 1995 – 2001

Haosen Zhang, Ph.D.
[Cleveland State University]: 2000 – 2003

Arunark Kolipaka, M.S.
[Cleveland State University]: 2002 – 2004

Uma Numburi, M.S.
[Cleveland State University]: 2003 – 2005

POSTGRADUATE COURSES ORGANIZED:

Annual Scientific Sessions & 1st Symposium on Cardiovascular MRI
North American Society for Cardiac Imaging- 21nd Annual Meeting
Dallas, TX: 03/04/94 – 03/06/94

"Cardiovascular MRI: Present and Future"
Workshop of the Society of Magnetic Resonance
Santa Fe, NM: 10/13/94 – 10/15/94

"International Symposium on Magnetic Resonance Imaging on Cardiovascular System: From
Basic Research to Practical Application"
Sponsored by the Fondazione Arturo Pinna Pintor,
Cleveland Clinic Foundation and University of Leiden
Torino, Italy: 07/01/95

Annual Scientific Sessions & 2nd Symposium on Cardiovascular MRI
North American Society for Cardiac Imaging- 22nd Annual Meeting
Nice, France: 08/18/95 – 08/19/95

Scientific Conference:
Current & Future Application of Magnetic Resonance in Cardiovascular Disease
American Heart Association Conference Series
San Francisco, CA: 01/14/96 – 01/16/96

Clinical Categorical Course: MRI of the Coronary Arteries: A Practical Pursuit or a Futile Focus?
International Society for Magnetic Resonance in Medicine-4th Scientific Meeting and Exhibition
New York, NY: 04/29/96

Study Group Session: Practicality of MRI for Evaluation of Myocardial Physiology
International Society for Magnetic Resonance in Medicine-4th Scientific
Meeting and Exhibition
New York, NY: 04/29/96

International 6-Day Symposium on Congenital Heart Disease Pathology and Cardiac Imaging
American Heart Association Scientific Conference
Iowa City, IA: 06/08/97 – 6/13/97

Cardiovascular Section Series
Refresher Course Series of 1994-99 Annual Meeting of the RSNA
Chicago, IL: 11/1994 – 11/1999

Cardiovascular MRI Visiting Fellowship
Siemens Medical Systems-sponsored 1-week-long visits to observe Cardiovascular
MRI activities at the CCF (1-2 fellows/week)
Cleveland, OH: 01/1997 – 03/2006

NASCI-Sponsored Cardiovascular Imaging Categorical Course at the SCVIR-25th Annual Meeting
San Diego, CA: 03/28/99 – 03/29/99

Cardiovascular Multi-Detector CT Visiting Fellowship
Siemens Medical Systems-sponsored 1-week-long visits to observe Cardiovascular
Multi-Detector CT activities at the CCF (1-2 fellows/week)

Cleveland, OH: 09/2000 – 03/2006

1st International Conference on Cardiac Spiral CT
Heidelberg, Germany: 09/08/00 – 09/09/00
(Co-Primary Organizer)

2nd International Conference on Cardiac Spiral CT
Charleston, SC: 06/29/01 – 06/30/01
(Co-Primary Organizer)

3rd International Conference on Cardiac Spiral CT
Nurnberg, Germany: 07/12/02 – 07/13/02
(Co-Organizer)

Cardiovascular Imaging 2002: 30th Annual Meeting & Scientific Session
North American Society for Cardiac Imaging
Dallas, TX: 09/21/02 – 09/24/02
(Co-Organizer)

Coronary Artery Imaging: MR or CT?
Special Focus Session
RSNA-88th Scientific Assembly and Annual Meeting, Chicago, IL: 12/04/02.
(Organizer)

Cardiac MR/CT: Read Cases with the Experts
Refresher Course
RSNA-88th Scientific Assembly and Annual Meeting, Chicago, IL: 12/01/02.
(Organizer)

4th International Conference on Cardiac Spiral CT
Cambridge, MA: 07/25/03 – 07/26/03
(Co-Organizer)

1st Annual Cardiovascular Imaging Summit: A Clinical, Molecular & Multi-Imaging Approach
Cleveland Clinic Foundation
Cleveland, OH: 09/11/03 – 09/14/03
(Co-Director)

Summit on Cardiovascular CT and Hybrid Systems: Starting a Program
Cleveland Clinic Foundation
Cleveland, OH: 09/12/05 – 09/14/05
(Co-Director)

Visions for the Future of MRI
Bayer Healthcare: Bayer Schering Pharma
Berlin, Germany: 09/26/08 – 09/27/08
(Co-President & Organizer)

Cardiac MR/CT: Read Cases with the Experts
Refresher Course
RSNA-96th Scientific Assembly and Annual Meeting, Chicago, IL: 11/30/10.
(Co-Organizer)

BIBLIOGRAPHY:

MY NCBI PUBMED URL:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/1XY6bPIOw5k4/bibliography/47715570/public/?sort=date&direction=ascending>**PEER-REVIEWED MANUSCRIPTS: PUBLISHED**

- (1) Ideker RE, Wagner GS, Ruth WK, Alonso DR, Bishop SP, Bloor CM, Fallon JT, Gottlieb GJ, Hackel DB, Phillips HR, Reimer KA, Roark SF, Rogers WJ, Savage RM, **White RD**, Selvester RH. Evaluation of a QRS scoring system for estimating myocardial infarct size: II. Correlation with quantitative anatomic findings for anterior infarcts. *Am J Cardiol* 1982;49:1604-1614. PMID: 7081049.
- (2) Roark SF, Ideker RE, Wagner GS, Alonso DR, Bishop SP, Bloor CM, Bramlet DA, Edwards JE, Fallon JR, Gottlieb GJ, Hackel DB, Phillips HR, Reimer KA, Rogers WJ, Ruth WK, Savage RM, **White RD**, Selvester RH. Evaluation of a QRS scoring system for estimating myocardial infarct size: III. Correlation with quantitative anatomic findings for inferior infarcts. *Am J Cardiol* 1983;51:382-389. PMID: 6823852.
- (3) Ward RM, **White RD**, Ideker RE, Hindman NB, Alonso DR, Bishop SP, Bloor CM, Fallon JT, Gottlieb GJ, Hackel DB, Hutchins GM, Phillips HR, Reimer KA, Roark SF, Rochlani SP, Rogers WJ, Ruth WK, Savage RM, Weiss JL, Selvester RH, Wagner GS. Evaluation of a QRS scoring system for estimating myocardial infarct size: IV. Correlation with quantitative anatomic findings for posterolateral infarcts. *Am J Cardiol* 1984;53:706-714. PMID: 6702617.
- (4) Hinohara T, Hindman NB, **White RD**, Ideker RE, Wagner GS. Quantitative QRS criteria for diagnosing and sizing myocardial infarcts. *Am J Cardiol* 1984;53:875-878. PMID: 6702640.
- (5) **White RD**, Grande P, Califf L, Palmeri ST, Califf RM, Wagner GS. Diagnostic and prognostic significance of minimally elevated creatine kinase-MB in suspected acute myocardial infarction. *Am J Cardiol* 1985;55:1478-1484. PMID: 4003289.
- (6) Hindman NB, Schocken DD, Widmann M, Anderson WD, **White RD**, Leggett S, Ideker RE, Hinohara T, Selvester RH, Wagner GS. Evaluation of a QRS scoring system for estimating myocardial infarct size: V. Specificity and method of application of the complete system. *Am J Cardiol* 1985;55:1485-1490. PMID: 4003290.
- (7) **White RD**, Lipton MJ, Higgins CB, Federle MP, Pogany AC, Kerlan RK, Thaxton TS, Turley K. Noninvasive evaluation of suspected thoracic aortic disease by contrast-enhanced computed tomography. *Am J Cardiol* 1986;57:282-290. PMID: 3946217.
- (8) **White RD**, Dooms GC, Higgins CB. Advances in imaging thoracic aortic disease. *Invest Radiol* 1986;21:761-778. PMID: 3533832.
- (9) Sechtem U, Pflugfelder PW, **White RD**, Gould RG, Holt W, Lipton MJ, Higgins CB. Cine MR imaging: Potential for the evaluation of cardiovascular function. *Am J Roentgenol* 1987;148:239-246. PMID: 3492096.
- (10) Sechtem U, Sommerhoff BA, Markiewicz W, **White RD**, Cheitlin MD, Higgins CB. Regional left ventricular wall thickening by magnetic resonance imaging: Evaluation in normal persons and patients with global and regional dysfunction. *Am J Cardiol* 1987;59:145-151. PMID: 2949575.
- (11) Wu S, **White RD**, Wikman-Coffelt J, Sievers R, Wendland M, Garrett J, Higgins CB, James T, Parmley WW. The preventive effect of verapamil on ethanol-induced cardiac depression: Phosphorus-31 nuclear magnetic resonance and high-pressure liquid chromatographic studies of hamsters. *Circulation* 1987;75:1058-1064. PMID: 3568306.

- (12) **White RD**, Winkler ML, Higgins CB. MR imaging of pulmonary arterial hypertension and pulmonary emboli. *Am J Roentgenol* 1987;149:15-21. PMID: 3495975.
- (13) **White RD**, Caputo GR, Mark AS, Modin GW, Higgins CB. Coronary artery bypass graft patency: Noninvasive evaluation with MR imaging. *Radiology* 1987;164:681-686. PMID: 3497409.
- (14) **White RD**, Ulyot DJ, Higgins CB. MR imaging of the aorta after surgery for aortic dissection. *Am J Roentgenol* 1988;150:87-92. PMID: 3257137.
- (15) **White RD**, Cassidy MM, Cheitlin MD, Emilson B, Ports TA, Lim AD, Botvinick EH, Schiller NB, Higgins CB. Segmental evaluation of left ventricular wall motion after myocardial infarction: Magnetic resonance imaging versus echocardiography. *Am Heart J* 1988;115:166-175. PMID: 3336970.
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- (17) Pflugfelder PW, Sechtem UP, **White RD**, Higgins CB. Quantification of regional myocardial function by rapid (cine) MR imaging. *Am J Roentgenol* 1988;150:523-529. PMID: 3257602.
- (18) **White RD**, Holt WW, Cheitlin MD, Cassidy MM, Ports TA, Lim AD, Botvinick EH, Higgins CB. Estimation of the functional and anatomical extent of myocardial infarction using magnetic resonance imaging. *Am Heart J* 1988;115:740-748. PMID: 3354402.
- (19) Anderson WD, Wagner NB, Lee KL, **White RD**, Yuschak J, Behar VS, Selvester RH, Ideker RE, Wagner GS. Evaluation of a QRS scoring system for estimating myocardial infarct size: VI. Identification of screening criteria for non-acute myocardial infarcts. *Am J Cardiol* 1988;61:729-733. PMID: 3354433.
- (20) Sechtem U, Pflugfelder PW, Cassidy MM, **White RD**, Cheitlin MD, Schiller NB, Higgins CB. Mitral or aortic regurgitation: Quantification of regurgitant volumes with cine MR imaging. *Radiology* 1988;167:425-430. PMID: 3357951.
- (21) **White RD**, Pflugfelder PW, Lipton MJ, Higgins CB. Coronary artery bypass grafts: Evaluation of patency with cine MR imaging. *Am J Roentgenol* 1988;150:1271-1274. PMID: 3259363.
- (22) Wendland MF, **White RD**, Derugin N, Finkbeiner WE, McNamara MT, Mosley ME, Lipton MJ, Higgins CB. Characterization of high-energy phosphate compounds during reperfusion of the irreversibly injured myocardium using ³¹P MRS. *Magn Reson Med* 1988;7:172-183. PMID: 3398764.
- (23) **White RD**, Higgins CB. Magnetic resonance imaging of thoracic vascular disease. *J Thorac Imaging* 1989;4:34-50. PMID: 2654409.
- (24) Pflugfelder PW, Sechtem UP, **White RD**, Cassidy MM, Schiller NB, Higgins CB. Noninvasive evaluation of mitral regurgitation by analysis of left atrial signal loss in cine magnetic resonance. *Am Heart J* 1989;117:1113-1119. PMID: 2711972.
- (25) Wagner NB, Sevilla DC, Krucoff MW, Pieper KS, Lee KL, **White RD**, Kent KM, Renzi R, Selvester RH, Wagner GS. Transient alterations of the QRS complex and ST segment during percutaneous transluminal balloon angioplasty of the right and left circumflex coronary arteries. *Am J Cardiol* 1989; 63:1208-1213. PMID: 2523640.
- (26) Cassidy MM, Schiller NB, Botvinick EH, Sheldon PE, Ports TA, **White RD**, Danforth JW, Kee L, Kaufman L. Assessment of coronary artery imaging by gated magnetic resonance: An evaluation of the utility and potential of current available imaging method. *Am J Cardiac Imag* 1989;3:100-107. PMID: 3257137.

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- transesophageal echocardiographic measurements of respiratory variations in pulmonary venous flow. *J Am Coll Cardiol* 1993;22:1935-1943. PMID: 8245352.
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ABSTRACTS OF PRESENTATIONS AT SCIENTIFIC MEETINGS: IN PRESS

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EXHIBITS, MOTION PICTURES & CASE REPORTS: IN PRESS**EXHIBITS, MOTION PICTURES & CASE REPORTS: SUBMITTED****MISCELLANEOUS SCIENTIFIC PRESENTATIONS
& INVITED-GUEST LECTURES: COMPLETED**

- (1) Sechtem UP, Sommerhoff BA, Markiewicz W, **White RD**, et al. Assessment of regional left ventricular wall thickening by MRI. Society of Magnetic Resonance in Medicine-5th Annual Meeting: 1986.
- (2) Higgins CB, Sechtem U, Gould R, **White RD**, et al. Cine magnetic resonance imaging of the heart. VI European Congress of Radiology: 1987.
- (3) Sechtem U, Pflugfelder PW, **White RD**, et al. Cine MRI assessment of regional left ventricular systolic wall thickening in patients with remote myocardial infarction. VI European Congress of Radiology: 1987.
- (4) Sechtem U, Pflugfelder PW, **White RD**, et al. Quantification of mitral and aortic regurgitation by cine MRI. VI European Congress of Radiology: 1987.
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- (6) **White RD**, Cardiac MRI. 5th Annual Cardiovascular Update, Georgetown University Hospital, Washington, DC: 1987.
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- (9) **White RD**. New cardiac imaging techniques and contrast agents. Cardiac Imaging and Intervention Update: 1988, Washington, DC: 1988.
- (10) **White RD**. Cardiovascular magnetic resonance: Present applications and future directions. Cardiology Seminar, Erasmus University, Rotterdam, the Netherlands:1988.
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- (12) **White RD**. Current research in cardiac MRI. 1989 Seminar in Cardiac Technology: Magnetic Resonance Imaging in Cardiology. Stevens Institute of Technology, Hoboken, New Jersey: 1989.
- (13) **White RD**. Functional (Cine) MRI. Clinical Magnetic Resonance-1989, Massachusetts General Hospital, Boston, MA: 1989.
- (14) **White RD**. Gating strategies for cine cardiovascular MR imaging. North American Society for Cardiac Radiology-16th Annual Meeting, Seattle, WA: 1989.
- (15) **White RD**, Spraggins TA, Paschal CB, et al. Retrospective phase-gated cine cardiovascular MRI: Preliminary clinical experience. Society of Magnetic Resonance in Medicine-8th Annual Meeting, Amsterdam, The Netherlands: 1989.
- (16) Silver MS, Shetty A, **White RD**, et al. Optimization of flow enhancement and suppression techniques in cardiac magnetic resonance imaging. Society of Magnetic Resonance in Medicine-8th Annual Meeting, Amsterdam, The Netherlands: 1989.
- (17) **White RD**. High-speed MR evaluation of the cardiovascular system (Refresher Course). RSNA-75th Annual Meeting, Chicago, IL: 1989.

- (18) **White RD.** Magnetic Resonance Imaging of the cardiovascular system. Magnetic Resonance Imaging: A symposium for practicing physicians, Cleveland, OH: 1989.
- (19) **White RD.** Gating strategies for "Cine" cardiovascular MR imaging. Scanlon symposium on cardiac and pulmonary magnetic resonance imaging, Naples, FL: 1990.
- (20) **White RD.** Cardiac MRI. Comprecare medical update for the Cleveland Clinic affiliate physicians, Cleveland, OH: 1990.
- (21) **White RD.** MRI of congenital heart disease. (Plenary Lecture). Society of Magnetic Resonance Imaging-8th Annual Meeting, Washington, DC: 1990.
- (22) **White RD.** Cardiovascular function. Magnetic Resonance Imaging - Sponsored by Diagnostic Imaging. San Diego, CA: 1990.
- (23) **White RD.** Cardiovascular anatomy. Magnetic Resonance Imaging - Sponsored by Diagnostic Imaging. San Diego, CA: 1990.
- (24) **White RD.** Cardiovascular MRI. Federation of Analytical Chemistry and Spectroscopy Societies-16th Annual Meeting, Cleveland, OH: 1990.
- (25) **White RD.** MRI in valvular heart disease. Council on Cardiovascular Radiology - Cardiovascular Conference. American Heart Association-63rd Scientific Sessions, Dallas, TX: 1990.
- (26) **White RD.** Nuclear magnetic imaging in heart disease. Advances in image technology for cardiology - 1991: Hewlett Packard Medical Advisory Board, Andover, MA: 1991.
- (27) **White RD, Moodie DS.** Advanced MRI techniques for the evaluation of congenital heart disease. 19th Annual ODICH Meeting, Ann Arbor, MI: 1991.
- (28) **White RD.** Magnetic resonance imaging in the study of myocardial hypertrophy: Department of Heart and Hypertension, Hypertrophy Group Session, CCF: 1991.
- (29) **White RD.** Cardiovascular MRI at the CCF, General Electric CAPS Meeting, Milwaukee, WI: 1991.
- (30) Hardy PA, **White RD**, Tkach JA. The use of magnetic resonance imaging for measuring blood flow. CCF Research Symposium, Cleveland, OH: 1991.
- (31) **White RD.** Magnetic resonance imaging in the study of myocardial hypertrophy. Monthly meeting of Hypertrophy Group, Department of Heart and Hypertension Research, CCF, Cleveland, OH: 07-02-91.
- (32) **White RD.** MRI of congenital heart disease. Afternoon Program: MRI and MRS of the heart, American Heart Association-64th Scientific Sessions, Anaheim, CA: 11-10-91.
- (33) **White RD.** MRI of congenital heart disease. Postgraduate Seminar: MRI of the heart. American Heart Association-64th Scientific Sessions, Anaheim, CA: 11-11-91.
- (34) **White RD.** Magnetic resonance imaging in congenital heart disease. Scientific Conference in the Application of Magnetic Resonance to the Cardiovascular System (Sponsors: AHA and SMRM), Atlanta, GA: 12-15-91.
- (35) **White RD.** Diagnostic approach to aortic dissection. Heart Center Grand Rounds, CCF, Cleveland, OH: 01-17-92.
- (36) **White RD.** Cardiac MRI, Educational Program: Society for Magnetic Resonance Imaging-10th Annual Meeting, New York, NY: 04-26-92.

- (37) **White RD.** Cardio-Vascular MRI: Functional assessment of diseases. Plenary Session: Ohio State Radiological Society, 1992 Annual Meeting, Cuyahoga Falls, OH: 05-16-92.
- (38) **White RD,** Tkach JA, Obuchowski N, et al. Assessment of regional midwall left ventricular contractility in hypertrophic obstructive cardiomyopathy using MRI myocardial tagging. Society of Magnetic Resonance in Medicine-11th Annual Meeting, Berlin, Germany: 08-11-92.
- (39) McCarthy P, Castle L, Maloney J, Trohman R, Simmons T, Klein A, **White RD.** Surgical treatment for atrial fibrillation. Cardiosim 92-8th International Congress, Nice, France: 06-18-92.
- (40) **White RD.** Assessment of midwall LV contractility in hypertrophic cardiomyopathy by MRI tagging. Society for Cardiac Angiography and Interventions and North American Society for Cardiac Imaging-19th Annual Meeting, Charleston, SC: 05-24-92.
- (41) **White RD.** Magnetic resonance imaging of congenital heart disease in children and adults. North American Society for Cardiac Imaging-19th Annual Meeting, Charleston, SC: 05-22-92.
- (42) **White RD.** Aortic disease with MR. North American Society for Cardiac Imaging-19th Annual Meeting, Charleston, SC: 05-24-92.
- (43) McCarthy PM, Castle LW, Maloney JD, Trohman RG, Simmons TW, **White RD,** et al. Initial experience with the Maze procedure. Western Thoracic Surgical Association. 18th Annual Meeting, Kauai, HI: 06-25-92.
- (44) **White RD.** MRI of constrictive pericarditis. CCF-sponsored Diastology meeting, Cleveland, OH: 12-08-92.
- (45) **White RD.** Advances in evaluation of diastolic dysfunction by MRI. CCF-sponsored Diastology meeting, Cleveland, OH: 12-09-92.
- (46) **White RD.** New concepts in cardiovascular imaging. Imaging for the Practicing Physician, Cleveland, OH: 12-09-92.
- (47) **White RD.** Adult cardiac evaluation. Plenary Symposium: Cardiac MRI- Functional and Clinical Applications, Society for Magnetic Resonance Imaging-11th Annual Meeting, San Francisco, CA: 03-29-93.
- (48) **White RD.** Thoracic MRA. Vascular Medicine Conference, Cleveland Clinic Foundation, Cleveland, OH: 04-7-93.
- (49) **White RD.** Cardiac MRI. Magnetic Resonance Imaging Symposium: New MRI Techniques, Willoughby Hills, OH: 04-17-93.
- (50) **White RD.** New concepts in cardio-vascular imaging: Multipotentiality of cardio-vascular MRI. Northeastern Ohio Universities College of Medicine, Rootstown, OH: 04-15-93.
- (51) **White RD,** Tkach JA, Van Dyke CW, Geisinger MA, Ruggieri PM, Dillinger JJ, Obuchowski NA, Lytle BW. Evaluation of thoracic aortic disease with a single MRA volume series: Potential for screening and diagnosing. North American Society for Cardiac Imaging-20th Annual Meeting, San Antonio, TX: 05-22-93.
- (52) **White RD,** Klein AL, Hardy PA, Van Dyke CW, Obuchowski NA. Improved evaluation of diastolic dysfunction by dynamic MRI velocity-mapping of flow in the superior vena cava. North American Society for Cardiac Imaging-20th Annual Meeting, San Antonio, TX: 05-22-93.

- (53) **White RD**, Lipchik EO, Lever HM, Mann SE, Paranandi L, Obuchowski NA. Cine MRI of hypertrophic cardiomyopathy: Evaluation of anatomic and physiologic parameters. North American Society for Cardiac Imaging-20th Annual Meeting, San Antonio, TX: 05-22-93.
- (54) Gunawardena S, Klein AL, **White RD**. Improved evaluation of diastolic dysfunction: Quantitative evaluation of ventricular filling by cine MRI. North American Society for Cardiac Imaging-20th Annual Meeting, San Antonio, TX: 05-22-93.
- (55) Lingamneni A, Hardy PA, Powell K, **White RD**. The accuracy of tracking motion from phase contrast images assessed using a moving phantom. Society of Magnetic Resonance in Medicine-12th Annual Meeting, New York, NY: 08-19-93.
- (56) Li D, **White RD**, Adler LP, Tuzcu EM, Haacke EM. Three-dimensional cardiovascular MR imaging: Initial clinical experience. Society of Magnetic Resonance in Medicine-12th Annual Meeting, New York, NY: 08-18-93.
- (57) VanDyke CW, Obuchowski NA, Geisinger MA, Lorig RJ, Meziene MA, Ross JS, **White RD**. Cine MRI in the diagnosis of thoracic aortic disease. North American Society for Cardiac Imaging-21st Annual Meeting, Dallas, TX: 03-04-94.
- (58) Optican RJ, VanDyke CW, Trohman RG, Sterba R, **White RD**. Improved detection of structural/functional abnormalities predisposing to VT of RV origin using MRI. North American Society for Cardiac Imaging-21st Annual Meeting, Dallas, TX: 03-04-94.
- (59) Hardy PA, Lingamneni A, Powell K, **White RD**. The accuracy of cine phase contrast for tracking motion. North American Society for Cardiac Imaging-21st Annual Meeting, Dallas, TX: 03-04-94.
- (60) Davros W, VanDyke C, Zeman R, Optican R, **White RD**. Three-dimensional modeling of aortic and great vessel anatomy using helical CT. North American Society for Cardiac Imaging-21st Annual Meeting, Dallas, TX: 03-04-94.
- (61) **White RD**. Diastolic function: Cine magnitude & phase. North American Society for Cardiac Imaging-21st Annual Meeting, Dallas, TX: 03-05-94.
- (62) Hardy PA, Lingamneni A, **White RD**. The effect of motion while imaging with segmented cine acquisitions. Society of Magnetic Resonance-1st Annual Meeting, Dallas, TX: 03-08-94.
- (63) **White RD**. Current role of MRI in the management of cardiac patients. Society of Magnetic Resonance-1st Annual Meeting, Dallas, TX: 03-09-94.
- (64) **White RD**, Boxt LM. MRI of acquired disease of heart and great vessels. American Roentgen Ray Society-94th Annual Meeting, New Orleans, LA: 04-26-94.
- (65) **White RD**. Functional evaluation of the heart with MR. 1st NASCI "Teach-the Teachers" Symposium on Cardiac Imaging, San Francisco, CA: 05-15-94.
- (66) **White RD**. Cardiomyopathy. 1st NASCI "Teach-the Teachers" Symposium on Cardiac Imaging, San Francisco, CA: 05-15-94.
- (67) **White RD**. Assessment of diastolic function in pericardial disease: MRI/CT approach. CCF-sponsored 2nd Annual Diastology meeting, Cleveland, OH: 05-23-94.
- (68) **White RD**. New developments in measuring diastolic function: Flow maps/myocardial tagging/first-pass perfusion. CCF-sponsored 2nd Annual Diastology meeting, Cleveland, OH: 05-25-94.
- (67) **White RD**. Cardiomyopathies. SMR Workshop on Cardiovascular MRI: Present and Future. Santa Fe, NM: 10-14-94.

- (68) **White RD.** Cardiac MRI-Clinical. Berlex-sponsored Cardiac MRI Symposium: "Is Cardiac MRI the next great opportunity in imaging, or is it just another interesting technology for researchers and a few select institutions?", San Diego, CA: 10-22-94.
- (69) **White RD, Herfkens RJ.** Cardiovascular MR-MR Imaging of Aquired Heart Disease. Refresher Course Series, RSNA-80th Scientific Assembly and Annual Meeting: 12-01-94.
- (70) **White RD.** Cardiovascular MRI: Clinical applications. St. Louis City-Wide Radiology Lecture Series, St. Louis, MO: 01-09-95.
- (71) **White RD.** Cardiovascular MRI: Clinical applications. Radiology Grand Rounds, College of Physicians & Surgeons of Columbia University New York, NY: 02-08-95.
- (72) **White RD.** Assessment of diastolic dysfunction in pericardial diseases: MRI/CT approach. CCF-sponsored 3rd Annual Diastology meeting, Cleveland, OH: 05-23-95.
- (73) **White RD.** MR evaluation of cardiomyopathy. American Roentgen Ray Society-95th Annual Meeting, Instructional Course, Washington, DC: 05-04-95.
- (74) **White RD.** Plain film diagnosis of heart disease in the adult. 2nd NASCI "Teach-the Teachers" Symposium on Cardiac Imaging, New York, NY: 05-06-95.
- (75) **White RD.** Functional evaluation of the heart with MR. 2nd NASCI "Teach-the Teachers" Symposium on Cardiac Imaging, New York, NY: 05-06-95.
- (76) **White RD.** Cardiomyopathy. 2nd NASCI "Teach-the Teachers" Symposium on Cardiac Imaging, New York, NY: 05-06-95.
- (77) **White RD.** MRI in non-ischemic disease. International Symposium on Magnetic Resonance Imaging on Cardiovascular System: From Basic Research to Practical Application. Fondazione Arturo Pinna Pintor, Torino, Italy: 07-01-95.
- (78) **White RD.** MRI in great vessel disease. International Symposium on Magnetic Resonance Imaging on Cardiovascular System: From Basic Research to Practical Application. Fondazione Arturo Pinna Pintor, Torino, Italy: 07-01-95.
- (79) Sturm B, Powell K, Hardy P, **White RD.** Accuracy of automated tag detection in MR images. Society of Magnetic Resonance-3rd Annual Meeting, Nice, France: 08-22-95.
- (80) **White RD.** MRI in non-ischemic acquired heart disease. American College of Radiology-72nd Annual Meeting, Categorical Course on Cardiac Imaging, Boston, MA: 09-09-95.
- (81) **White RD.** MRI in congenital heart disease: Morphology. Categorical Course on Cardiac Imaging, American College of Radiology-72nd Annual Meeting, Boston, MA: 09-09-95.
- (82) **White RD.** Pericardial disease, cardiomyopathies. Cardiac MRI-Clinical Impact: Present and Future, Society for Cardiovascular Magnetic Resonance-1st Annual Meeting, Anaheim, CA: 11-11-95.
- (83) **White RD.** Evaluation of suspected aortic dissection: The case for MRI. American Heart Association-68th Scientific Sessions, Cardiovascular Seminar, Anaheim, CA: 11-12-95.
- (84) **White RD, Herfkens RJ.** Cardiovascular MR-MR Imaging of Aquired Heart Disease. Refresher Course Series, RSNA-81st Scientific Assembly and Annual Meeting, Chicago, IL: 11-27-95.
- (85) **White RD.** MRI in Myocardial and Pericardial Disease. AHA Scientific Conference on Current and Future Application of Magnetic Resonance in Cardiovascular Disease, San Francisco, CA:

- 01-15-96.
- (86) Flamm SD, Tkach J, Hardy PA, VanDyke CW, **White RD**. Ultrafast 3-D magnetic resonance angiography of the pulmonary arteries in congenital heart disease: Preliminary experience. AHA Scientific Conference on Current and Future Application of Magnetic Resonance in Cardiovascular Disease, San Francisco, CA: 01-15-96.
- (87) **White RD**. Current Role of MRI in the Care of Cardiac Patients. Cleveland Radiological Society, Cleveland, OH: 01-22-96.
- (88) Flamm SD, **White RD**. Nonischemic acquired heart disease. 1996 annual meeting of Society of Thoracic Radiology and North American Society for Cardiac Imaging-23rd Annual Meeting, Honolulu, HI: 02-10-96.
- (89) Flamm SD, Hardy PA, Tkach JA, VanDyke CW, Simonetti O, Moodie DS, **White RD**. Evaluation of the pulmonary arteries in congenital heart disease: Preliminary experience with ultrafast magnetic resonance angiography. North American Society for Cardiac Imaging-23rd Annual Meeting, Honolulu, HI: 02-10-96.
- (90) Kenney AJ, Poulton TB, **White RD**, Rice TW. Cystic masses of the chest: Improved characterization with MR imaging. Annual meeting of the Society of Thoracic Radiology, Honolulu, HI: 02-12-96.
- (91) **White RD**. MR evaluation of cardiomyopathy. American Roentgen Ray Society-96th Annual Meeting, Instructional Course, San Diego, CA: 05-07-96.
- (92) **White RD**. Current role of MRI in the imaging of cardiac patients. Magnetic resonance imaging conference. William Beaumont Hospital, Royal Oak, MI: 05-11-96.
- (93) **White RD**. Assessment of diastolic function in pericardial diseases: MRI/CT approach. CCF-sponsored 4th Annual Diastology meeting, Cleveland, OH: 05-21-96.
- (94) Kenney AJ, Poulton TB, **White RD**, Rice TW. Cystic masses of the chest: Improved characterization with MR imaging. Annual meeting of the Society of Pediatric Radiology, Boston, MA: 05-26-96.
- (95) **White RD**. Thoracic MRI. Department of Radiology Lecture Series, University of Maryland, Baltimore, MD: 09-30-96.
- (96) **White RD**, Herfkens RJ. Cardiovascular MR-MR Imaging of Acquired Heart Disease. Refresher Course Series, RSNA-82nd Scientific Assembly and Annual Meeting, Chicago, IL: 12-05-96.
- (97) **White RD**, Dake MD, Smedira NG. The atypical aortic dissection: New diagnostic and therapeutic considerations. Refresher Course Series, RSNA-82nd Scientific Assembly and Annual Meeting, Chicago, IL: 12-05-96.
- (98) **White RD**. Cardiothoracic MRI. Introductory and advanced MRI: Techniques with clinical Applications, International Society for Magnetic Resonance in Medicine-5th Annual Meeting-Educational Program, Vancouver, British Columbia: 04-13-97.
- (99) Lingamneni A, Hardy PA, Powell KA, Laub G, **White RD**. Design and validation of a segmented multi-echo cine phase contrast technique for in-plane motion analysis on a deformable phantom. International Society for Magnetic Resonance in Medicine-5th Annual Meeting, Vancouver, British Columbia: 04-14-97.
- (100) **White RD**. Assessment of diastolic function in pericardial diseases: MRI/CT approach to pericardial diseases. CCF-sponsored 5th Annual Diastology meeting, Cleveland, OH: 04-21-97.

- (101) **White RD.** Cardiovascular MRI. 50th Annual Greensboro Medical Symposium, Greensboro, NC: 04-29-97.
- (102) **White RD.** MRI for the identification of thoracic aortic graft infection. American Roentgen Ray Society-97th Annual Meeting, Boston, MA: 05-05-97.
- (103) **White RD.** MRI of thoracic aortic aneurysms and dissections; 2nd Annual Vascular & Endovascular Strategies Symposium, Sioux Falls, SD: 05-16-97.
- (104) **White RD.** Cardiac MRI: State of the art and predictions for the future; "Cardiac Imaging: Modalities on Trial", Bracco Diagnostics, New York, NY: 06-24-97.
- (105) **White RD.** Magnetic resonance imaging: Current applications in a large cardiovascular center, Institut de Cardiologie de Montreal, Montreal, Quebec: 10-28-97.
- (106) **White RD.** MRI of non-ischemic myocardial disease ("cardiomyopathies"), 33rd Annual Congress Societe Canadienne-Francaise de Radiologie, Montreal, Quebec: 10-29-97.
- (107) **White RD.** Magnetic resonance imaging: Current applications in a large cardiovascular center, 33rd Annual Congress Societe Canadienne-Francaise de Radiologie, Montreal, Quebec: 10-29-97.
- (108) **White RD.** Magnetic resonance imaging: Current applications in a large cardiovascular center, Cardiology Grand Rounds Series, Cleveland Metropolitan Hospital, Cleveland, OH: 11-24-97.
- (109) **White RD, Yamaguchi T, Smedira NG.** Thoracic aortic disease: Surgery, CT, Echo, and MR imaging. Refresher Course Series, RSNA-83rd Scientific Assembly and Annual Meeting, Chicago, IL: 12-04-97.
- (110) **White RD.** Acquired thoracic aortic disease: Improved understanding with MRI. University of Toronto-The Toronto Hospital, Toronto, Ontario: 03-02-98.
- (111) **White RD.** MRI: Current applications in a large cardiovascular center. University of Toronto-Mount Sinai Hospital, Toronto, Ontario: 03-02-98.
- (112) **White RD.** MRI of pericardial diseases and cardiac masses. University of Toronto-Sunnybrook Health Science Center, Toronto, Ontario: 03-03-98.
- (149) **White RD.** MRI: Current applications in a large cardiovascular center. Newark Beth Israel Medical Center of the Saint Barnabas Health Care System, Newark, NJ: 05-28-98.
- (114) **White RD.** MRI: Current applications in a large cardiovascular center. College of Physicians & Surgeons of Columbia University, New York, NY: 09-02-98.
- (150) **White RD.** MRI of pericardial diseases and cardiac masses. College of Physicians & Surgeons of Columbia University, New York, NY: 09-02-98
- (151) **White RD.** MRI for structure, function, perfusion. Computers in Cardiology 1998, Cleveland, OH: 10-13-98.
- (152) **White RD, Spevak PJ, Lipton MJ.** Imaging of right ventricular dysplasia: How I do it. American Heart Association-71st Scientific Sessions, Dallas, TX: 11-09-98.
- (153) **White RD.** MRI abnormalities in patients with RVOT tachycardia. Cardiovascular Imaging 1998-26th Annual Meeting and Scientific Sessions of NASCI, Dallas, TX: 11-07-98.

- (154) Sturm B, Powell KA, Ding X, **White RD**. Left ventricular function one year after partial left ventriculectomy (PLV) using dynamic cardiac MRI. American Heart Association-71nd Scientific Sessions, Dallas, TX: 11-09-98.
- (155) Pasquet AA, **White RD**, Zuchowski C, Marwick TH. A one-stop shop for delineation of viable myocardium? Comparison of function and perfusion assessment by resting MRI with dobutamine echocardiography. American Heart Association-71nd Scientific Sessions, Dallas, TX: 11-10-98.
- (156) Sun JP, **White RD**, Qin JX, Shiota T, Agler DA, Stewart WJ, Thomas JD. Real-time 3-dimensional echocardiography for quantifying left ventricular volumes and systolic function: Comparison with magnetic resonance imaging and 2-dimensional echocardiography. American Heart Association-71nd Scientific Sessions, Dallas, TX: 11-11-98.
- (157) **White RD**, Yamaguchi T, Smedira NG. Thoracic aortic disease: Surgery, CT, Echo, and MR imaging. Refresher Course Series, RSNA-84th Scientific Assembly and Annual Meeting, Chicago, IL: 11-29-98.
- (158) Schwartzman PR, **White RD**. MRI-tagging and perfusion measurements of impaired left ventricular septal myocardium correlate with histopathology in hypertrophic obstructive cardiomyopathy. 2nd Annual Meeting of the Society for Cardiovascular Magnetic Resonance, Atlanta, GA: 01-22-99.
- (159) Qin J, Shiota T, Sun J, Odabashian JA, **White RD**, Flamm SD, Thomas JD. New digital method for estimating left ventricular volume using real-time 3D echocardiography: Comparison with magnetic resonance imaging. American College of Cardiology-48th Annual Scientific Session, Atlanta, GA: 03-14-99.
- (160) Schwartzman PR, Flamm SD, Brunken RC, Kasper JM, Obuchowski NA, Smedira NG, Simonetti OP, **White RD**. New delayed enhancement MRI technique for detection of viable myocardium: A comparison with positron emission tomography. American Heart Association-72nd Scientific Sessions, Atlanta, GA: 11-08-99.
- (161) Young AA, Dokos S, Powell KA, Sturm B, McCulloch AD, McCarthy PM, **White RD**. Functional heterogeneity and recovery of septal function after successful LV volume reduction in patients with dilated cardiomyopathy. American Heart Association-72nd Scientific Sessions, Atlanta, GA: 11-08-99.
- (162) Thamilarasan M, Schwartzman PR, **White RD**, Klein AL. The accuracy of transesophageal echocardiography in the assessment of pericardial thickness in patients with constrictive pericarditis: A comparison with magnetic resonance imaging. American Heart Association-72nd Scientific Sessions, Atlanta, GA: 11-08-99.
- (163) Judd RM, Kim RJ, Chen EL, Fieno DS, Rehwald WG, Lomasney JW, Simonetti OP, Kasper JM, Schwartzman PR, McCarthy PM, Smedira NG, **White RD**. Contrast-enhanced magnetic resonance imaging defines the pre-operative location and extent of myocardial scar prior to the Dor procedure. American Heart Association-72nd Scientific Sessions, Atlanta, GA: 11-10-99.
- (164) Peacock WF, Albert NM, Kies P, **White RD**, Emerman CL. Bioimpedance monitoring for detecting pulmonary fluid in heart failure: Equal to chest radiograph? American Heart Association-72nd Scientific Sessions, Atlanta, GA: 11-10-99.
- (165) Hoffman Tso E, Flamm SD, **White RD**. Takayasu's arteritis: Utility of magnetic resonance imaging in diagnosis and treatment. American College of Rheumatology 1999 Annual Meeting, Boston, MA: 11-15-99.
- (166) **White RD**, Dolmatch BL. Thoracic aortic disease: New concepts in diagnosis and intervention. Refresher Course Series, RSNA-85th Scientific Assembly and Annual Meeting, Chicago, IL: 12-02-99.

- (167) **White RD.** Optimized planning for myocardial revascularization: Co-registration of CT coronary angiograms with MRI myocardial viability maps. International Symposium Multidetector Spiral CT, Munich, Germany: 01-21-00.
- (168) **White RD.** Proposed cardiovascular applications of multidetector CT: Advantages over MRI. International Symposium Multidetector Spiral CT, Munich, Germany: 01-21-00.
- (169) Sturm B, Carew EO, Powell KA, Schvartzman PR, **White RD.** MRI-based 3D circumferential wall stress changes from partial left ventriculectomy. 3rd Annual Meeting of the Society for Cardiovascular Magnetic Resonance, Atlanta, GA: 01-22-00.
- (170) Schvartzman PR, Flamm SD, Kasper JM, Weaver JA, Obuchowski NA, Simonetti OP, **White RD.** Delayed -enhancement MRI for fast and accurate assessment of myocardial viability: Comparison with combined cine, tagging and first-pass perfusion techniques in 102 patients. American College of Cardiology-49th Annual Scientific Session, Anaheim, CA: 03-14-00.
- (171) Bauer F, Shiota T, **White RD,** Qin JX, Travaglini A, Tsujino H, Thomas JD. Left atrial volume measurement by real-time 3D echocardiography. American College of Cardiology-49th Annual Scientific Session, Anaheim, CA: 03-13-00.
- (172) Qin JX, Shiota T, Tsujino H, Firstenberg MS, Cardon LA, Odabashian JA, **White RD,** Thomas JD. Validation of real-time 3D echocardiography for quantifying LV volumes in the presence of a LV aneurysm: In vitro and clinical studies. American College of Cardiology-49th Annual Scientific Session, Anaheim, CA: 03-13-00.
- (173) **White RD.** Direct Imaging of the diseased artery: MRI evaluation. Categorical Course, 25th Annual Scientific Meeting, Society of Vascular and Interventional Radiology, San Diego, CA: 03-29-00.
- (174) O'Donnell T, Aharon S, Halliburton SS, Gupta A, Funka-Lee G, **White RD.** Model-based registration of cardiac CTA and MR acquisitions. International Society of Magnetic Resonance in Medicine-Eight Scientific Meeting, Denver, CO: 04-15-00.
- (175) Sturm B, Fisher E, Schvartzman PR, Halliburton SS, **White RD.** Registration of three-dimensional cardiac MRI and CT images. International Society of Magnetic Resonance in Medicine-8th Scientific Meeting, Denver, CO: 04-15-00.
- (176) Chung MK, White RD, Halliburton SS, Klein A, Natale A, Niebauer MJ, Tchou PJ. Evaluation for pulmonary vein stenosis after ablation for focal atrial fibrillation arising from the pulmonary vein ostia. North American Society of Pacing and Electrophysiology (NASPE)-21st Annual Scientific Sessions, Washington, DC: 05-15-00.
- (177) **White RD.** Cardiovascular MRI: Present and future. Greater Akron Society for Echocardiography, Akron, OH: 05-23-00.
- (178) O'Donnell T, Aharon S, Halliburton SS, Gupta A, Funka-Lee G, **White RD.** Multi-modality model based registration in the cardiac domain. IEEE Computer Vision and Pattern Recognition, Hilton Head, SC: 06-15-00.
- (179) **White RD.** Cardiovascular MRI: Present and future. Central Ohio MRI Seminar-Riverside Hospital, Columbus, OH: 06-24-00.
- (180) Schvartzman PR, Chung KI, Halliburton SS, Kuzmiak SA, Kasper JM, **White RD.** Cardiovascular imaging using sub-second ECG-referenced multi-detector CT technology: How does it compare with MRI for morphologic evaluation?. 1st International Conference on Cardiac Spiral CT, Heidelberg, Germany: 09-08-00.

- (181) Flohr T, Ohnesorge B, Becker C, Kopp A, Knez A, Halliburton S, **White RD**, Reiser MF. Pulse-rate adaptive optimization of spatial and temporal resolution for ECG-gated multi-slice spiral CT for the heart. 1st International Conference on Cardiac Spiral CT, Heidelberg, Germany: 09-08-00.
- (182) **White RD**. Spiral CT & MRI for cardiac applications. 1st International Conference on Cardiac Spiral CT, Heidelberg, Germany: 09-09-00.
- (183) **White RD**. Cardiovascular MRI: Present and future. "Heart Center" Grand Rounds, Cleveland Clinic Foundation, Cleveland, OH: 09-20-00.
- (184) **White RD**. Chest radiography/cardiac MRI/computed tomography. Department of Cardiology, Cleveland Clinic Foundation "An Intensive Review of Cardiology", Cleveland, OH: 09-27-00.
- (185) Halliburton SS, Schwartzman PR, **White RD**. CT angiography of the coronary arteries: Technical considerations. North American Society for Cardiac Imaging: 1st International Workshop on Coronary MR and CT angiography. Lyon, France: 10-02-00.
- (186) Halliburton SS, Schwartzman PR, Kasper JM, **White RD**. A comparison of CT techniques for imaging calcified coronary artery plaques. North American Society for Cardiac Imaging: 1st International Workshop on Coronary MR and CT angiography. Lyon, France: 10-02-00.
- (187) Sturm B, Halliburton SS, Schwartzman PR, **White RD**. Registration and visualization of 3D cardiac MR and CTA data: Progress report. North American Society for Cardiac Imaging: 1st International Workshop on Coronary MR and CT angiography. Lyon, France: 10-02-00.
- (188) O'Donnell T, Halliburton SS, Aharon S, Gupta A, Funke-Lee G, **White RD**. A statistically-derived population model for the registration of cardiac CTA and MR images. North American Society for Cardiac Imaging: 1st International Workshop on Coronary MR and CT angiography. Lyon, France: 10-02-00.
- (189) **White RD**. Introduction to coronary screening. Division of Radiology, Cleveland Clinic Foundation "Multislice CT: Screening Test for the Millennium". Cleveland, OH: 10-06-00.
- (190) **White RD**. Applications of CT angiography of the coronary system. Division of Radiology, Cleveland Clinic Foundation "Multislice CT: Screening Test for the Millennium". Cleveland, OH: 10-06-00.
- (191) **White RD**. Cardiac CT. Multislice CT: Expands your frontiers. Montreal, Canada: 10-13-00.
- (192) Gilkeson RC, **White RD**. Advances in cardiovascular imaging with multi-detector CT (MDCT) scanning. Cleveland Radiological Society, Cleveland, OH: 10-23-00.
- (193) Halliburton SS, Kuzmiak SA, Schwartzman PR, Kasper JM, Lieber M, **White RD**. Coronary artery calcium quantitation: Impact of spiral CT acquisition on multi-slice analysis. RSNA-86th Scientific Assembly and Annual Meeting, Chicago, IL: 11-26-00.
- (194) Schwartzman PR, Kasper JM, Weaver JA, Obuchowski NA, **White RD**. Qualitative analysis of first-pass perfusion, contractility, and end-diastolic wall thickness on MRI predicts non-viable myocardium at rest. RSNA-86th Scientific Assembly and Annual Meeting, Chicago, IL: 11-26-00.
- (195) **White RD**. Current and future impact. Sunday Morning Program 12: Noninvasive Cardiovascular Imaging of the Patient with Suspected or Known Coronary Artery Disease. American Heart Association-73rd Scientific Sessions, New Orleans, LA: 11-12-00.
- (196) **White RD**. Noninvasive imaging of arteritis. Cardiovascular Seminar #53: Diagnosis and Imaging of Nonatherosclerotic Vascular Diseases. American Heart Association-73rd Scientific Sessions, New Orleans, LA: 11-13-00.

- (197) Schwartzman PR, Rodriguez L, Brunken RC, Kasper JM, Lieber ML, **White RD**. Nonviable-myocardium grade on delayed-enhancement MRI correlates inversely with amount of viable myocardium on dobutamine stress echocardiography and positron emission tomography. American Heart Association-73rd Scientific Sessions, New Orleans, LA: 11-15-00.
- (198) Schwartzman PR, Srichai MB, Kasper JM, Obuchowski NA, Grimm RA, **White RD**. Non-stress delayed-enhancement cardiac MRI predicts recovery of wall motion after coronary revascularization. American Heart Association-73rd Scientific Sessions, New Orleans, LA: 11-13-00.
- (199) Packer DL, Natale AN, Monahan KH, White RD, Breen JF, Wilber DJ. Application of multirow spiral computed tomographic scanning to detect pulmonary vein stenosis in patients undergoing circumferential ultrasound balloon ablation. American Heart Association-73rd Scientific Sessions, New Orleans, LA: 11-14-00.
- (200) Zhang H, Halliburton SS, Moore JR, Simonetti OP, Schwartzman PR, **White RD**, Chatzimavroudis GP. An in-vitro evaluation of ultra-fast segmented k-space MR velocity mapping. Society of Cardiovascular MR-4th Annual Meeting, Atlanta, GA: 01-10-01.
- (201) **White RD**. Cardiac CT scanning. Lakewood Hospital Medical Grand Rounds, Lakewood, OH: 02-28-01.
- (202) Srichai MB, Schwartzman PR, Sturm B, Kasper JM, Lieber ML, **White RD**. Hyper-enhancement on non-stress cardiac MRI correlates inversely with amount of circumferential shortening. American College of Cardiology-50th Annual Scientific Session, Orlando, FL: 03-20-01.
- (203) **White RD**. Left ventricular function. Magnetic Resonance Imaging in Ischemic Heart Disease. American College of Cardiology-50th Annual Scientific Session, Orlando, FL: 03-20-01.
- (204) **White RD**. Nuclear Cardiac Imaging: MRI and CT scanning. Dimensions in Cardiac Care, Cleveland, OH: 04-03-2001.
- (205) Zhang H, Halliburton SS, Moore JR, Simonetti OP, Schwartzman PR, **White RD**, Chatzimavroudis GP. Accurate flow measurements with segmented k-space MR phase velocity mapping. International Society of Magnetic Resonance in Medicine-9th Scientific Meeting, Glasgow, Scotland: 04-26-01.
- (206) **White RD**. CT of coronary artery disease / Ischemic heart disease. Cardiology Grand Rounds, Case Western Reserve University/University Hospitals of Cleveland, Cleveland, OH: 05-17-01.
- (207) Perez-Lugones A, Schwartzman PR, Tchou PJ, Saliba W, Schweikert R, Chung MK, Niebauer MJ, Castle LW, Srichai MB, Halliburton SS, **White RD**, Natale A. Three-dimensional reconstruction of pulmonary veins in patients with atrial fibrillation and controls: A protective anatomical variant at the right inferior pulmonary vein. North American Society of Pacing and Electrophysiology, Boston, MA: 06-15-01.
- (208) **White RD**. Right-Heart Abnormalities. 2nd International Conference on Cardiac Spiral CT. Charleston, SC: 06-30-01.
- (209) Chatzimavroudis GP, Zhang H, Schwartzman PR, Halliburton SS, **White RD**. Clinical blood flow measurements with segmented k-space magnetic resonance phase velocity mapping. Biomedical Engineering Society Annual Meeting, Durham, NC: 10-06-01.
- (210) Zhang H, Halliburton SS, Simonetti OP, **White RD**, Chatzimavroudis GP. Accurate flow quantification with segmented k-space magnetic resonance phase velocity mapping. Biomedical Engineering Society Annual Meeting, Durham, NC: 10-06-01.

- (211) Zhang H, Halliburton SS, Moore JR, **White RD**, Chatzimavroudis GP. Reliable measurements of velocity profiles with ultra-fast magnetic resonance phase velocity mapping. Biomedical Engineering Society Annual Meeting, Durham, NC: 10-07-01.
- (212) Sturm B, Powell KA, **White RD**. Co-registration of 3D CTA and MR images for therapeutic planning in coronary artery disease: Biomedical Engineering Society Annual Meeting, Durham, NC: 10-07-01.
- (213) **White RD**. The heart on x-ray: What you should know. Department of Cardiology, Cleveland Clinic Foundation "An Intensive Review of Cardiology", Cleveland, OH: 10-10-01.
- (214) **White RD**. Role of CT in the detection of CAD. Annual Meeting of the Michigan Chapter of ACC: "Contemporary Issues in Cardiology", Traverse City, MI: 10-13-01.
- (215) Halliburton SS, Petersilka M, Schwartzman PR, Obuchowski N, **White RD**. Validation of left ventricular volume and ejection fraction measurement with multi-slice computed tomography and cine magnetic resonance imaging. RSNA-87th Scientific Assembly and Annual Meeting, Chicago, IL: 11-27-01.
- (216) Halliburton SS, Chung KI, Schwartzman PR, Kasper JM, Kuzmiak SA, Stillman AE, **White RD**. The use of ECG-referenced multi-slice computed tomography for the diagnosis of cardiovascular disease: Comparison of sequential and spiral multi-slice computed tomography. RSNA-87th Scientific Assembly and Annual Meeting, Chicago, IL: 11-27-01.
- (217) Ulzheimer S, Halliburton S, McCollough C, Achenbach S, Becker C, **White RD**, Kalender WA. Evaluation of image quality and calcium scoring performance in multi-slice cardiac computed tomography. RSNA-87th Scientific Assembly and Annual Meeting, Chicago, IL: 11-27-01.
- (218) Schwartzman PR, Srichai MB, Brunken RC, Rodriguez L, Obuchowski NA, **White RD**. Delayed-enhancement (DE) MRI: Comparison with dobutamine stress echo (DSE), positron emission tomography (PET), and contraction/perfusion-MRI for determination of myocardial viability. American Heart Association-74th Scientific Sessions, Anaheim, CA: 11-13-01.
- (219) **White RD**. Integrated CT and MRI evaluation of ischemic heart disease. American Heart Association-74th Scientific Sessions, Anaheim, CA: 11-11-01.
- (220) **White RD**. Integrated MRI and multidetector CT imaging of coronary arteries/heart. 1st International Symposium on Cardiovascular Magnetic Resonance. Clinica Puerta de Hierro, Madrid, Spain: 01-11-2002.
- (221) **White RD**. MRI of thoracic aortic disease. 1st International Symposium on Cardiovascular Magnetic Resonance. Clinica Puerta de Hierro, Madrid, Spain: 01-11-2002.
- (222) **White RD**. Diseases of the aorta. Pre-Conference Workshop. Society for Cardiovascular Magnetic Resonance: 5th Annual Scientific Sessions. Lake Buena Vista, FL: 01-24-02.
- (223) **White RD**. Cardiac disease and function: Role of CT. Screening CT: Concepts and Strategies. Institute for Advanced Medical Education. Atlanta, GA: 03-09-02.
- (224) **White RD**. Aortic disease. Imaging Symposium: Cardiovascular MRI: Its Role and Potential in Clinical Practice. American College of Cardiology-51st Annual Scientific Session, Atlanta, GA: 03-18-02.
- (225) Srichai MB, Lieber ML, Kasper JM, **White RD**. Clinical outcomes of patients presenting with aortic intramural hematoma (IH) vs. communicating dissection (CD) affecting the descending aorta. American College of Cardiology-51st Annual Scientific Session, Atlanta, GA: 03-18-02.

- (226) Jaber WA, **White RD**, Boyle JM, Vlassak I, Natale A, Asher CR. Comparison of transesophageal echocardiography with cardiac 3-D computed tomography in the evaluation of the left atrium and the left atrial appendage in patients with atrial fibrillation. American College of Cardiology-51st Annual Scientific Session, Atlanta, GA: 03-19-02.
- (227) Qin JX, Shiota T, **White RD**, Cardon LA, Hang X, Greenberg NL, Stewart WJ, Thomas JD. Mitral annular motion assessed by real-time three-dimensional echocardiography is related to left ventricular function defined by magnetic resonance imaging. American College of Cardiology-51st Annual Scientific Session, Atlanta, GA: 03-17-02.
- (228) **White RD**. Cardiac MRI and CT-angiography at the Cleveland Clinic. Cardiac Imaging in Chronic Ischemic Heart Disease. Swedish Cardiovascular Association meeting, Malmo, Sweden:04-26-02.
- (229) Chatzimavroudis GP, Halliburton SS, Stillman AE, **White RD**. Cardiovascular MR and CT. Imaging Workshop. Case Western Reserve University, Cleveland, OH: 04-26-02.
- (230) **White RD**. A new clinical model for non-invasive assessment of coronary heart disease. New frontiers in CT imaging: Early diagnosis and HeartView CT, Los Angeles, CA: 05-04-02.
- (231) Chatzimavroudis GP, Zhang H, Halliburton SS, Moore JR, Simonetti OP, Schvartzman PR, Stillman AE, **White RD**. Rapid measurements of aortic blood flow with segmented k-space magnetic resonance phase velocity mapping. International Society of Magnetic Resonance in Medicine-10th Scientific Meeting, Honolulu, Hawaii: 05-22-02.
- (232) **White RD**. Integrated approach to evaluating CAD and ischemic heart disease. Society of Atherosclerosis Imaging: 2nd International Meeting, New Orleans, LA: 06-01-02.
- (233) **White RD**. CT vs MR for cardiac assessment. 4th Annual International Symposium on Multidetector-Row CT, San Francisco, CA: 06-22-02.
- (234) Halliburton SS, Stillman AE, Flohr T, Ohnesorge B, Karim W, Kuzmiak SA, Kasper JM, Lieber M, **White RD**. Do Segmented Reconstruction Algorithms for Cardiac Multi-Slice Spiral Computed Tomography Improve Image Quality?, 3RD International Conference on Cardiac Spiral CT, Nurnberg, Germany: 07-11-02.
- (235) Halliburton SS, Boese JM, Flohr T, Lieber M, Kuzmiak SA, **White RD**. Volumetric Analysis with Multi-Slice Computed Tomography (MSCT): Improved Accuracy with Increased Temporal Resolution. 3RD International Conference on Cardiac Spiral CT, Nurnberg, Germany: 07-11-02.
- (236) **White RD**. Integrated use of cardiac MRI and cardiac multi-detector CT: Clinical impact. Mission St. Joseph Health System, Asheville, NC: 09-13-02.
- (237) **White RD**. Integrated applications-driven use of cardiac MRI and multi-detector CT. Canadian Association of Radiologists-65th Annual Scientific Meeting, Quebec City, Quebec, Canada: 09-20-02.
- (238) **White RD**. Surgery for ischemic heart disease: The role of magnetic resonance. "Attributes of cardiac MRI in evaluating the patient with ischemic heart disease". Postgraduate Course in Adult Cardiac Surgery for Ischemic Heart Disease. Association for Cardio-Thoracic Surgery-16th Annual Meeting of the European Association for Cardio-Thoracic Surgery, Monaco: 09-22-02.
- (239) **White RD**. Current and future clinical applications of contrast-enhanced cardiac CT: The clinics' perspective. Cardiovascular Imaging 2002. North American Society for Cardiac Imaging-30th Annual Meeting & Scientific Session. Dallas, TX: 09-24-02.
- (240) Setser RM, O'Donnell TP, Smedira N, **White RD**. Co-registered CTA/MRI data directly relates coronary anatomy with myocardial regions in patients with coronary artery disease. North American Society for Cardiac Imaging-30th Annual Meeting, Dallas, TX: 09-21-02 to 09-24-02.

- (241) **White RD.** Cardiac MDCT: Morphology. 6th International SOMATOM CT Scientific User Conference. Tübingen, Germany: 09-28-02.
- (242) **White RD.** Current status of cardiovascular MRI/CT imaging: An integrated approach-anatomic aspects. Cardiovascular Update 2002-22nd Annual Madera Cardiology Symposium, St. Agnes Medical Center. Fresno, CA: 10-02-02.
- (243) **White RD.** Current status of cardiovascular MRI/CT imaging: An integrated approach-physiologic aspects. Cardiovascular Update 2002-22nd Annual Madera Cardiology Symposium, St. Agnes Medical Center. Fresno, CA: 10-02-02.
- (244) Zhang H, Halliburton SS, Moore JR, Simonetti OP, White RD, Chatzimavroudis GP. Evaluation of the accuracy of in-plane velocity measurements with segmented k-space MR phase velocity mapping. Biomedical Engineering Society-200 Annual Meeting, Houston, TX: 10-23-02.
- (245) Zhang H, Halliburton SS, White RD, Chatzimavroudis GP. Rapid quantitation of regurgitant flow through a mitral valve orifice using the control volume method with segmented k-space magnetic resonance velocimetry. Biomedical Engineering Society-200 Annual Meeting, Houston, TX: 10-24-02.
- (246) Qin JX, **White RD**, Lever HM, Asher CR, Agler DA, Drinko JK, Smedira NG, Tuzcu EM, Lytle BW, Shiota T. Real-time 3D echo, a reliable method to determine left ventricular remodeling from septal reduction in patients with hypertrophic cardiomyopathy. American Heart Association-75th Scientific Sessions, Chicago, IL: 11-17-02 to 11-20-02.
- (247) Halliburton SS, Stillman AE, Kasper JM, Kuzmiak SA, **White RD.** Variability in the quantification of predominantly mild degrees of coronary artery calcification with sequential multi-slice computed tomography (MSCT) using three algorithms. RSNA-88th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-02 to 12-06-02.
- (248) Halliburton SS, Boese JM, Flohr T, Lieber M, Kuzmiak SA, **White RD.** Improved volumetric analysis of the left ventricle using cardiac multi-slice computed tomography (MSCT) with high temporal resolution image reconstruction. RSNA-88th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-02 to 12-06-02.
- (249) Bexell D, Setser RM, O'Donnell TP, Stillman AE, Lieber M, Schoenhagen P, **White RD.** Quantitative characterization of myocardial necrosis shown by delayed enhancement magnetic resonance imaging. RSNA-88th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-02 to 12-06-02.
- (250) Ulzheimer S, Halliburton SS, McCollough CH, **White RD**, Kallender WA. Quality assurance in cardiac computed tomography: Latest initiatives and developments. RSNA-88th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-02 to 12-06-02.
- (251) **White RD.** Coronary Artery Imaging: MR or CT? RSNA-88th Scientific Assembly and Annual Meeting, Chicago, IL: 12-04-02.
- (252) **White RD.** Integrated approach to the evaluation of cardiac disease with MDCT. 19th Annual Computed Body Tomography 2003: The Cutting Edge. Johns Hopkins Office of Continuing Medical Education, Orlando, FL: 02-13-03.
- (253) **White RD.** CT evaluation of the thoracic aorta. 19th Annual Computed Body Tomography 2003: The Cutting Edge. Johns Hopkins Office of Continuing Medical Education, Orlando, FL: 02-13-03.
- (254) **White RD.** MDCT evaluation of the coronary arteries: Current status. 19th Annual Computed Body Tomography 2003: The Cutting Edge. Johns Hopkins Office of Continuing Medical Education, Orlando, FL: 02-14-03.

- (255) Mikielski KM, McRae III AT, Penn MS, Srichai MB, **White RD**, Grimm RA. Surgical intervention is superior to medical therapy in the management of type A aortic intramural hematoma. American College of Cardiology-52nd Annual Scientific Session, Chicago, IL: 03-30-03.
- (256) Qureshi AM, Prieto LR, Lane GK, Radvansky P, Rosenthal GL, Mesia CI, **White RD**, Marrouche NF, Natale A, Latson LA, Rhodes JF. Transcatheter angioplasty for acquired pulmonary vein stenosis following radiofrequency ablation. American College of Cardiology-52nd Annual Scientific Session, Chicago, IL: 03-31-03.
- (257) **White RD**. Cardiac MRI. MRI: From current knowledge to new horizons. Schering AG SBU Diagnostics and Radiopharmaceuticals, Berlin, Germany: 03-28-03.
- (258) **White RD**. Basic Science Lecture: Advanced imaging: Aiding the “mind's eye” of the cardiothoracic surgeon. American Association for Thoracic Surgery-83rd Annual Meeting, Boston, MA: 04-06-03.
- (259) **White RD**. CT coronary angiography. Cardiovascular Magnetic Resonance Imaging-State of the Art: Including an Update on Computed Tomography. American College of Cardiology Heart House, Williamsburg, VA: 05-05-03.
- (260) **White RD**. Integrated applications-driven cardiovascular MRI & multi-detector CT. Medical/Surgical Grand Rounds. Cleveland Clinic Foundation-Weston, Weston, FL: 06-11-03.
- (261) Zhang H, Halliburton SS, **White RD**, Chatzimavroudis GP. Quantification of the mitral regurgitation flow using a control volume method: In vitro evaluation using ultrafast magnetic resonance velocimetry. 2003 Summer Bioengineering Conference, Key Biscayne, FL: 06-15-03.
- (262) **White RD**. Evaluation of ischemic heart disease-What's on the horizon. Plenary Lecture. International Society for Magnetic Resonance in Medicine-11th Scientific Meeting and Exhibition, Toronto, Canada: 07-15-03.
- (263) Setser RM, McCarthy PM, Smedira NG, **White RD**. Myocardial strain before and after surgical repair of left ventricular aneurysm. International Society for Magnetic Resonance in Medicine-11th Scientific Meeting and Exhibition, Toronto, Canada: 07-10-03 to 07-16-03.
- (264) Setser RM, **White RD**. Validation of HARP myocardial strain measurements in patients with ischemic cardiomyopathy. International Society for Magnetic Resonance in Medicine-11th Scientific Meeting and Exhibition, Toronto, Canada: 07-10-03 to 07-16-03.
- (265) Kolipaka A, Chatzimavroudis GP, **White RD**, Setser RM. Automatic quantification of non-viable myocardium in delayed enhancement magnetic resonance images. International Society for Magnetic Resonance in Medicine-11th Scientific Meeting and Exhibition, Toronto, Canada: 07-10-03 to 07-16-03.
- (266) Larson AC, Simonetti OP, **White RD**, Laub G. Self-gated projection reconstruction cardiac cine imaging. International Society for Magnetic Resonance in Medicine-11th Scientific Meeting and Exhibition, Toronto, Canada: 07-10-03 to 07-16-03.
- (267) Zhang H, Halliburton SS, **White RD**, Chatzimavroudis GP. Quantification of steady and pulsatile flow through mitral regurgitant orifices with segmented k-space MR phase velocity mapping. International Society for Magnetic Resonance in Medicine-11th Scientific Meeting and Exhibition, Toronto, Canada: 07-10-03 to 07-16-03.
- (268) Halliburton SS, Sell J, McCollough C, Ulzheimer S, Kalender WA, **White RD**. A multi-vender, multi-institutional database of coronary calcium mass scores. 4th International Conference on Cardiac Spiral CT, Boston, MA: 07-26-03.

- (269) McCollough CH, Ulzheimer S, Halliburton SS, **White RD**, Kalender W. A multi-scanner, multi-manufacturer, international standard for the quantification of coronary artery calcium using cardiac CT. 4th International Conference on Cardiac Spiral CT, Boston, MA: 07-25-03.
- (270) **White RD**. Relative merits of cardiac CT and MR. 4th International Conference on Cardiac Spiral CT, Cambridge, MA: 07-26-03.
- (271) **White RD**. Integrated application-driven cardiovascular MRI & multi-detector CT. South Atlantic Cardiovascular Society, Kiawah Island Resort, SC: 08-01-03.
- (272) **White RD**. Cardiac MRI. 23rd Annual Dimensions in Cardiac Care Symposium. Cleveland Clinic Foundation, Cleveland, OH: 09-09-03.
- (273) **White RD**. Aortic disease: Assessment by MRI & CT. First Annual Cardiovascular Imaging Summit, Cleveland Clinic Foundation, Cleveland, OH: 09-11-03.
- (274) **White RD**. Heart failure assessment by MRI & CT. First Annual Cardiovascular Imaging Summit, Cleveland Clinic Foundation, Cleveland, OH: 09-13-03.
- (275) **White RD**. MRI & CT: Cardiomyopathy, pericardial diseases, masses. First Annual Cardiovascular Imaging Summit, Cleveland Clinic Foundation, Cleveland, OH: 09-13-03.
- (276) **White RD**. Cardiac MRI & CT. 4th Annual Intensive Review of Cardiology, Cleveland Clinic Foundation, Cleveland, OH: 09-24-03.
- (277) **White RD**. The heart of x-ray. 4th Annual Intensive Review of Cardiology, Cleveland Clinic Foundation, Cleveland, OH: 09-24-03.
- (278) **White RD**. Imaging of the aorta: An integrated applications-driven approach using MRI and MDCT. Marfan Syndrome and Connective Tissue Disorders, Cleveland Clinic Foundation, Cleveland, OH: 09-25-03.
- (279) **White RD**. MR and CT clinical expectations for visualization & quantification. Siemens Corporate Research, Princeton, NJ: 10-14-03.
- (280) **White RD**. Non-invasive evaluation of cardiac disease: Integrated use of MRI & MDCT. Greater Louisville Radiological Society, Louisville, KY: 10-15-03.
- (281) **White RD**. CTA of the coronary arteries and thoracic aorta. 2003 Meeting of the North Carolina Radiological Society, Pinehurst, NC: 11-15-03.
- (282) Kim JK, Schoenhagen, **White RD**, Stillman AE. Acute myocardial infarction (AMI) presenting as suspected acute aortic dissection (AAD): Incidence and CT findings. RSNA-89th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-03 to 12-06-03
- (283) Schoenhagen P, Stillman AE, Tuzcu EM, Moliterno DJ, Halliburton SS, **White RD**. Influence of reader confidence level on accuracy of state-of-the-art multi-slice computed tomography assessment of mildly stenotic atherosclerotic coronary artery plaque morphology and remodeling response. RSNA-89th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-03 to 12-06-03.
- (284) Larson AC, Simonetti OP, **White RD**, Laub GA, McVeigh ER. Cardiac and respiratory self-gated projection reconstruction magnetic resonance cine imaging. RSNA-89th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-03 to 12-06-03
- (285) McCollough CH, Ulzheimer S, Halliburton SS, **White RD**, Kalender WA. A multi-scanner, multi-manufacturer, international standard for the quantification of coronary artery calcium using cardiac CT. RSNA-89th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-03 to 12-06-03.

- (286) Halliburton SS, Sell JC, McCollough CH, Ulzheimer S, Kalender WC, **White RD**. A web-based multi-vendor, multi-international database of standardized coronary calcium measurements using cardiac CT. RSNA-89th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-03 to 12-06-03
- (287) **White RD**. Yucel EK, Gropler RJ. Imaging myocardial infarcts with MR and PET. RSNA-89th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-03 to 12-06-03.
- (288) Schoenhagen P, Tuzcu EM, Stillman AE, Moliterno DJ, Halliburton SS, Kuzmiak SA, Kasper JM, Magyar WA, Lieber ML, Nissen SE, **White RD**. Non-invasive assessment of atherosclerotic plaque morphology and remodeling response in mildly-stenotic coronary segments: Direct comparison of state-of-the-art multi-slice computed tomography and intravascular ultrasound. American Heart Association-76th Scientific Sessions, Orlando, FL: 11-09-03 to 12-12-03.
- (289) **White RD**. Cardiac MR and CT-What's new and practical. Current Therapy in Cardiovascular Disease-2004, Sutter Heart Institute's 4th Annual Cardiovascular Symposium, Sacramento, CA: 01-31-04.
- (290) Kolipaka A, Chatzimavroudis GP, **White RD**, Setser RM. Relationship between non-viable myocardium and regional left ventricular function in chronic ischemic heart disease. 7th Annual Society for Cardiovascular Magnetic Resonance Scientific Sessions, Barcelona, Spain: 02-13-04 to 02-15-04.
- (291) Simonetti OP, **White RD**, Choi M, Larson AC, Crowe M, Salanitri J, Stillman A, Pereles FS. Radial self-gated cine MRI: Initial clinical experience. 7th Annual Society for Cardiovascular Magnetic Resonance Scientific Sessions, Barcelona, Spain: 02-13-04 to 02-15-04.
- (292) **White RD**. Cardiac MRI. Section for Magnetic Resonance Technologists-North Central Regional Educational Seminar, Cleveland, OH: 02-28-04.
- (293) **White RD**. Cardiovascular imaging capabilities of MRI and multi-detector (MDCT). Advances in Cardiovascular Imaging Techniques, Loma Linda International Heart Institute 16th Annual Cardiology Symposium, Loma Linda, CA: 03-04-04.
- (294) **White RD**. Coronary artery disease/ischemic heart disease: Integrated imaging using MRI and MDCT. Advances in Cardiovascular Imaging Techniques, Loma Linda International Heart Institute 16th Annual Cardiology Symposium, Loma Linda, CA: 03-04-04.
- (295) **White RD**. Non-ischemic cardiovascular disease: Integrated imaging using MRI and MDCT. Advances in Cardiovascular Imaging Techniques, Loma Linda International Heart Institute 16th Annual Cardiology Symposium, Loma Linda, CA: 03-04-04.
- (296) **White RD**. Integrated imaging of coronary artery/heart disease. Emerging Medical Technologies for the Assessment and Treatment of Cardiovascular Disease, New Orleans, LA: 03-07-04.
- (297) **White RD**. Computed tomography scan: Accuracy, which technique; in Imaging Symposium 614: Acute aortic diseases: From the emergency room to the operating room. American College of Cardiology-53rd Annual Scientific Session, New Orleans, LA: 03-08-04.
- (298) Bruckbauer T, DiFilippo FP, Neumann DR, Halliburton SS, Brunken RC, **White RD**, Howe C, Lohmann K. Modified attenuation correction for low dose PET/CT scanning. 2004 Annual Conference of the Academy of Molecular Imaging, Orlando, FL: 03-27-04.
- (299) DiFilippo FP, Brunken RC, Neumann DR, Bybell B, Lohmann K, Bruckbauer T, Howe WC, Kaczur T, Deresh E, Stein K, Halliburton SS, Setser R, Kuzmiak S, **White RD**. Cardiac positron emission tomography using a slow computed tomography for attenuation correction. 2004 Annual Conference of the Academy of Molecular Imaging, Orlando, FL: 03-27-04.

- (300) **White RD.** Integrated applications-driven use of cardiac MRI and multidetector CT. 12th Annual Cardiology Conference, Fairview Hospital, Cleveland, OH: 04-24-04.
- (301) **White RD.** Role of cardiac CT and MRI in chronic CAD. In Categorical Seminar: Advances in Nuclear Cardiology. Society of Nuclear Medicine-51st Annual Meeting, Philadelphia, PA: 06-19-04.
- (302) DiFilippo FP, Brunken RC, Neumann DR, Kaczur T, Deresh E, Lohmann K, Howe WC, **White RD.** Initial clinical experience with ⁸²Rb cardiac PET imaging on a PET/CT system. Society of Nuclear Medicine-51st Annual Meeting, Philadelphia, PA: 06-22-04.
- (303) Brunken RC, DiFilippo FP, Bybel B, Neumann DR, Kaczur T, **White RD.** Clinical evaluation of cardiac PET attenuation correction using “fast” and “slow” CT images Society of Nuclear Medicine-51st Annual Meeting, Philadelphia, PA: 06-22-04.
- (304) **White RD,** Setser RM, DiFilippo FP, Halliburton SS, Brunken RC, O'Donnell TP. Co-registered MRI myocardial scar/dysfunction maps, PET myocardial perfusion/metabolism maps and CTA coronary tree maps facilitate management of patients with suspected CIHD. Society of Nuclear Medicine-51st Annual Meeting, Philadelphia, PA: 06-19-04.
- (305) **White RD.** Role of cardiac CT and MRI in chronic CAD. In Categorical Seminar: Advances in Nuclear Cardiology. Society of Nuclear Medicine-51st Annual Meeting, Philadelphia, PA: 06-20-04.
- (306) Halliburton SS, Shanneik K, McCollough C, Ulzheimer S, Stanford W, Carr JJ, Becker CR, Breen JF, Shemesh J, Sell JC, Kalendar WA, **White RD.** A web-based database for standardized coronary calcium measurements: Initial experience with 100 patients. 5th International Conference on Cardiac CT. Nuremberg, Germany: 07-15-04
- (307) Halliburton SS, McCollough C, Shanneik K, Stanford W, Carr J, Becker CR, Breen J, Shemesh J, Kalendar WA, **White RD.** Implementation of standards for coronary artery calcium measurement with MDCT established by an international consortium. Cardiovascular Imaging 2004-32nd Annual Meeting & Scientific Sessions of the North American Society for Cardiac Imaging, Amelia Island, FL: 07-26-04
- (308) Dikici E, O'Donnell TP, Setser RM, **Whiter RD.** Quantification of delayed enhancement MRI images. Proceedings of Medical Image Computing and Computer Aided Intervention, St. Malo, France; 08-15-04.
- (309) **White RD.** Cardiac MRI & CT. 5th Annual Intensive Review of Cardiology, Cleveland Clinic Foundation, Cleveland, OH: 09-22-04.
- (310) **White RD.** The heart of x-ray. 5th Annual Intensive Review of Cardiology, Cleveland Clinic Foundation, Cleveland, OH: 09-22-04.
- (311) **White RD,** Klein AL. 3D CT scan is as good as TEE in detecting LAA clot pre PVI and assessing PV narrowing post PVI. 2nd Annual Atrial Fibrillation Summit, Cleveland, OH: 10-01-04.
- (312) **White RD.** Is there viability: Does it matter? Heart Failure & Rotary Blood Pump Summit, Cleveland, OH: 10-07-04.
- (313) Srichai MB, Junor C, Rodriguez LL, Stillman AE, Grimm RA, Lieber ML, Weaver JA, Smedira NG, **White RD.** Imaging and pathologic characteristics of left ventricular thrombus: A comparison of contrast-enhanced magnetic resonance imaging, transthoracic echocardiography and transesophageal echocardiography with surgical or pathologic validation. American Heart Association Scientific Sessions 2004, New Orleans, LA: 11-07-04.
- (314) **White RD.** State-of-the-art: MDCT of coronary artery/ischemic heart disease. American Heart Association Scientific Sessions 2004, New Orleans, LA: 11-08-04.

- (315) **White RD.** Imaging of atrial fibrillation: CT pre and post. American Heart Association Scientific Sessions 2004, New Orleans, LA: 11-09-04.
- (316) **White RD,** Gropler RJ. Imaging myocardial infarcts with MR, SPECT, and PET. RSNA-90th Scientific Assembly and Annual Meeting, Chicago, IL: 12-01-04.
- (317) **White RD.** CT/MRI cardiac imaging. 2005 Cardiology Division Grand Rounds. Henry Ford Heart & Vascular Institute, Detroit, MI: 01-11-05.
- (318) O'Donnell TP, Dikici E, Setser RM, **White RD.** Quantification of myocardial scar in delayed enhancement MR images. Society for Cardiovascular Magnetic Resonance 8th Annual Scientific Sessions, San Francisco, CA: 01-21-05.
- (319) Setser RM, Casal P, O'Donnell TP, Stillman AE, **White RD.** Quantitative analysis of delayed enhancement MRI images: comparison with clinical results. Presented at the Thirty-third Annual Meeting & Scientific Sessions of the North American Society for Cardiac Imaging, 2005.
- (320) Setser RM, Chung YC, Kim JK, Chen K, Stillman AE, Loeffler R, Weaver JA, Simonetti OP, **White RD.** Cine delayed enhancement imaging of the heart. Society for Cardiovascular Magnetic Resonance 8th Annual Scientific Sessions, San Francisco, CA: 01-21-05.
- (321) Setser RM, Chung JK, Chen K, Stillman AE, Simonetti OP, Loeffler R, **White RD.** Cine delayed enhancement imaging of the heart. 13th Scientific Meeting of the International Society of Magnetic Resonance in Medicine, Miami, FL: 04-15-05.
- (322) **White RD.** Multidetector computed tomography. Encore! Read with the experts...Case Presentations. American College of Cardiology 2005-54th Annual Scientific Session, Orlando, FL: 03-06-05.
- (323) Schoenhagen P, Halliburton S, Nair A, Stillman A, Lieber M, Vince G, Tuzcu M, **White RD.** Delayed-contrast vessel wall enhancement of coronary atherosclerotic plaques: An ex-vivo multi-detector computed tomography study. American College of Cardiology 2005-54th Annual Scientific Session, Orlando, FL: 03-08-05.
- (324) **White RD.** State of the art cardiac CT: Coronary heart disease. Ileri Goruntuleme: Uygulamalari 2005 Sempozyumu, Istanbul, Turkey: 03-12-05.
- (325) **White RD.** State of the art Cardiac MRI. Ileri Goruntuleme: Uygulamalari 2005 Sempozyumu, Istanbul, Turkey: 03-12-05.
- (326) **White RD.** Update on cardiac MRI. Cardiology Grand Rounds, Cleveland Metropolitan Hospital, Cleveland, OH: 04-05-05.
- (327) **White RD.** CT imaging of the coronary arteries. Cardiology Update 2005: A Patient Management Approach. Penn Cardiology at Presbyterian Medical Center, Absecon, NJ: 04-09-05.
- (328) **White RD.** MRI of the Heart. Cardiology Update 2005: A Patient Management Approach. Penn Cardiology at Presbyterian Medical Center, Absecon, NJ: 04-09-05.
- (329) **White RD.** Non-invasive cardiovascular imaging: Integrated use of MDCT and MR., Medical Staff Noon Conference, Bozeman Deaconess Hospital, Bozeman, MT: 05-06-05.
- (330) Venkatachari AK, Setser RM, Halliburton SS, **White RD,** Chatzimavroudis GP. Towards the development of a non-invasive approach for the assessment of the energy loss in the cardiovascular system using MRI: An experimental evaluation of the viscous dissipation method. International Society for Magnetic Resonance in Medicine-8th Scientific Meeting and Exhibition, Miami, FL: 05-09-05.

- (331) Spirka TA, Myers JG, Setser RM, Halliburton SS, **White RD**, Chatzimavroudis GP. MRI-based computational fluid dynamics in experimental vascular models: Toward the development of an approach for prediction of cardiovascular changes during prolonged space missions. International Society for Magnetic Resonance in Medicine-8th Scientific Meeting and Exhibition, Miami, FL: 05-09-05.
- (332) **White RD**. CT imaging of non-stenotic and con-coronary disease. 7th International SOMATOM CT User Conference 2005, Rome, Italy: 05-13-05.
- (333) Numburi U Chatzimavroudis GP, Uber AE, Kalafut J, Stillman AE, **White RD**, Halliburton SS. Modeling of contrast enhancement for cardiac multi-detector CT. IEEE International Workshop on Imaging Systems and Techniques, Niagara Falls, Ontario, 05-14-05.
- (334) Venkatachari AK, Halliburton SS, Setser RM, **White RD**, Chatzimavroudis GP. Assessment of flow energetics using magnetic resonance phase velocity mapping. IEEE International Workshop on Imaging Systems and Techniques, Niagara Falls, Ontario: 05-14-05.
- (335) Spirka TA, Myers JG, Setser RM, Halliburton SS, **White RD**, Chatzimavroudis GP. Construction of a computational non-planar curved tube model from MRI data. IEEE International Workshop on Imaging Systems and Techniques, Niagara Falls, Ontario: 05-14-05.
- (336) **White RD**. Cardiac imaging: Integrated use of MRI and MDCT. Radiology Grand Rounds, University o North Carolina-Chapel Hill, Chapel Hill, NC: 05-26-05.
- (337) Brunken RC, DiFilippo FP, Howe WC, Baker MT, **White RD**, Stillman AE. Measurement of left ventricular ejection fraction using gated cardiac PET with CT based attenuation correction. Society of Nuclear Medicine-52nd Annual Meeting, Toronto, Ontario: 06-22-05.
- (338) Numburi U, Chatzimavroudis GP, Stillman AE, Lieber M, Uber AE, Kalafut JP, **White RD**, Halliburton SS. Optimization of contrast agent for uniform enhancement in cardiac multi-detector computed tomography. 6th International Conference on Cardiac CT, Boston, MA: 07-15.05.
- (339) **White RD**. Complementary Role of Cardiac CT and MR. 6th International Conference on Computed Tomography, Boston, MA: 07-23-05.
- (340) **White RD**. Evolving applications of MDCT to ambulatory cardiac patients. Baylor College of Medicine/St. Luke's Episcopal Hospital Cardiology Fellowship Program, Houston, TX: 07-29-05
- (341) **White RD**. Pre- & post-operative evaluation of cardiac surgery patients: Increasing roles for MRI and MDCT. Baylor College of Medicine/St. Luke's Episcopal Hospital Cardiology Fellowship Program, Houston, TX: 07/29/05.
- (342) **White RD**. Tricks of the trade: Getting best quality CT coronary angiograms. Summit on Cardiovascular CT and Hybrid Systems: Starting a Program. Cleveland Clinic Foundation, Cleveland, OH: 09/12/05.
- (343) **White RD**. Imaging the aorta. Summit on Cardiovascular CT and Hybrid Systems: Starting a Program. Cleveland Clinic Foundation, Cleveland, OH: 09/13/05.
- (344) **White RD**. Imaging the aorta and the left atrium and pulmonary veins for disease and prior to cardiac surgery. Summit on Cardiovascular CT and Hybrid Systems: Starting a Program. Cleveland Clinic Foundation, Cleveland, OH: 09/13/05.
- (345) **White RD**. Basic Cardiac Anatomy. Summit on Cardiovascular CT and Hybrid Systems: Starting a Program. Cleveland Clinic Foundation, Cleveland, OH: 09/14/05.

- (346) Numburi U, Chatzimavroudis GP, Uber AE, Kalafut J, Stillman AE, **White RD**, Halliburton SS. Toward predicting a patient-specific contrast agent injection to achieve uniform enhancement in CT images. 2005 Annual Biomedical Engineering Society Meeting 2005, Baltimore, MD: 09/15/05.
- (347) Venkatachari AK, Halliburton SS, Setser RM, **White RD**, Chatzimavroudis GP. Evaluation of the viscous dissipation method as a non-invasive approach to assess fluid mechanical energy losses: Comparison between CFD and MRI. 2005 Annual Biomedical Engineering Society Meeting 2005, Baltimore, MD: 09/15/05.
- (348) Spirka TA, Myers JG, Setser RM, Halliburton SS, **White RD**, Chatzimavroudis GP. MRI-based computational dynamics in arterial models: A quantitative evaluation. 2005 Annual Biomedical Engineering Society Meeting 2005, Baltimore, MD: 09/15/05.
- (349) **White RD**. Initial clinical experience with cine-late enhancement. 4th MAGNETOM World Summit. Singapore: 09/19/05.
- (350) **White RD**. Imaging in arrhythmic syndromes: What is the role of cardiac radiology? 9th International Workshop on Cardiac Arrhythmias: Venice 2005 Arrhythmias, Venice, Italy: 10/04/05.
- (351) **White RD**. Integrated use of MRI and MDCT in patients with chest discomfort. "Chest Pain Assessment: The Evolving Roles of Tomographic Imaging"; 33rd Annual Meeting of the North American Society for Cardiac Imaging, Amelia Island, FL: 10/08/05.
- (352) **White RD**. Evolving applications of MDCT to ambulatory cardiac patients. Boston University Medical Center, Boston, MA: 10/20/05
- (353) **White RD**. Pre- & post-operative evaluation of cardiac surgery patients: Increasing roles for MRI and MDCT. Boston University Medical Center, Boston, MA: 10/20/05
- (354) **White RD**. Cardiac Imaging. American Society of Clinic Radiologists Annual Meeting. Cleveland Clinic Foundation, Cleveland, OH: 10/21/05
- (355) Carmichael B, Setser RM, Stillman AE, Lieber M, Smedira NG, Starling R, Weaver JA, Houston A, **White RD**. Effects of ventricular restoration for antero-apical post-infarction left ventricular aneurysm repair on left ventricular function using dynamic magnetic resonance imaging. American Heart Association Scientific Sessions 2005, Dallas, TX: 11/13/05.
- (356) Kilicaslan F, Saenz LC, Cummings JE, Verma A, Tchou P, Schoenhagen P, Lakkireddy D, Wazni O, Belden WA, Bozbas H, Thal S, Burkhardt JD, Saliba W, Schweikert RA, **White RD**, Micochova H, Natale A. Feasibility and safety of empirical superior vena cava isolation: A follow-up study with 3-D computed tomography. American Heart Association Scientific Sessions 2005, Dallas, TX: 11/15/05.
- (357) **White RD**. Update on cardiac imaging: The role of CT and MR in diagnosing cardiac disease. Advances in Cardiology 2006. Loyola University Chicago Stritch School of Medicine, Chicago, IL: 02/25/06
- (358) **White RD**. Principles of MDCT: State-of-the-art techniques. Cardiac & Cardiovascular Imaging: CT, MRI, Echo, NM. Gold Coast, Australia: 03/04/06
- (359) **White RD**. Role of CT in arrhythmia. Cardiac & Cardiovascular Imaging: CT, MRI, Echo, NM. Gold Coast, Australia: 03/04/06
- (360) **White RD**. Pre and post operative evaluation of cardiac surgery patients: Increasing roles for MRI & MDCT. Cardiac & Cardiovascular Imaging: CT, MRI, Echo, NM. Gold Coast, Australia: 03/04/06

- (361) **White RD.** Noncoronary cardiac CT. 2006 American Roentgen Ray Society Annual Meeting. Vancouver, British Columbia, Canada: 05/03/06.
- (362) **White RD.** Integrated use of cardiac MDCT and cardiac MRI in ischemic heart disease. 8th Annual International Symposium on Multidetector-Row CT. San Francisco, CA: 06/17/06.
- (363) **White RD.** Integrated use of cardiac MDCT and cardiac MRI in non-ischemic heart disease. 8th Annual International Symposium on Multidetector-Row CT. San Francisco, CA: 06/17/06.
- (364) Sola S, Setser R, Sauri D, Lieber M, Desai M, **White R.** Prediction of ventricular arrhythmias in patients with ischemic heart failure using delayed enhancement MRI. 5th EuroCMR, Barcelona, Spain: 09/15/06.
- (365) **White RD.** Cardiac CT. NIH High Field Cardiovascular MR Workshop, Washington, DC: 09/22/06.
- (366) **White RD.** Cardiac surgery: Pre- & post-operative insights from MR & CT. Charles T. Dotter Memorial Lecture. American Heart Association Scientific Sessions 2006, Chicago, IL: 11/14/06.
- (367) Halliburton SS, Stillman AE, Numburi U, Kuzmiak SA, **White RD.** Radiation dose driven protocol development for cardiovascular multi-detector computed tomography. RSNA-92nd Scientific Assembly and Annual Meeting, Chicago, IL: 11/28/06.
- (368) Lowe B, **White RD,** Kuzmiak SA, Lieber M, Garcia M, Sola S. Sixty-four slice multidetector computed tomography in the evaluation of arrhythmogenic right ventricular cardiomyopathy: Clinical utility and radiographic findings. RSNA-92nd Scientific Assembly and Annual Meeting, Chicago, IL: 11/28/06.
- (369) **White RD.** Cardiac Imaging in Heart Failure: Magnetic Resonance Imaging. 2nd Annual Heart Failure Holiday Symposium; Chicago, IL: 12/01/06.
- (370) Setser RM, Chung YC, Stillman AE, Simonetti OP, **White RD.** Improved wall motion assessment using cine delayed enhancement MRI. Society for Cardiovascular Magnetic Resonance-9th Annual Meeting, Miami, FL: 01/22/06.
- (371) Setser RM, Smedira NG, **White RD.** Left Ventricular Torsion is Unchanged by Surgical Repair of Left Ventricular Aneurysm. ISMRM Workshop on Flow and Motion: Imaging Assessment of Cardiovascular and Tissue Mechanics, New York, NY: 07/15/06.
- (372) **White RD.** MRI in ischemic heart disease. 27. Ulusal Radyoloji Kongresi, Antalya, Turkey: 10/03/06.
- (373) **White RD.** MRI in non-ischemic heart disease. 27. Ulusal Radyoloji Kongresi, Antalya, Turkey: 10/03/06.
- (374) **White RD.** MRI of cardiac surgery patients: Pre & post-operative evaluation. 27. Ulusal Radyoloji Kongresi, Antalya, Turkey: 10/03/06.
- (375) **White RD.** Cardiac imaging: CT or MRI. Florida Society of Thoracic & Cardiovascular Surgeons-40th Annual Meeting, Howey-in-the-Hills, FL: 02/25/07.
- (376) **White RD.** Integrated use of cardiac MR and cardiac CT for ischemic heart disease. MR 2007-12th International MRI Symposium, Garmisch-Partenkirchen, Germany: 02/01/07.
- (377) **White RD.** Cardiac MR imaging in cardiomyopathy and myocarditis. MR 2007-12th International MRI Symposium, Garmisch-Partenkirchen, Germany: 02/01/07.

- (378) **White RD.** Integrated Multimodality Imaging: Heart Failure: Diagnostic and prognostic value of cardiac magnetic resonance. American College of Cardiology-56th Annual Scientific Session, New Orleans, LA: 03/25/07.
- (379) Setser RM, Smedira NG, **White RD.** Changes in LV torsion following surgical ventricular reconstruction in patients with ischemic heart failure. Society for Cardiovascular Magnetic Resonance 9th Annual Scientific Sessions, Rome, Italy: 02/03/07.
- (380) **White RD.** Imaging of the heart beyond the coronaries. SOMATOM World Summit 2007, Berlin, Germany: 05/04/07.
- (381) **White RD.** New paradigms in patient management-cardiac imaging. 7th Bi-Annual International Symposium of the International Society for Strategic Studies in Radiology (IS³R), Munich, Germany: 08/24/08.
- (382) Beliveau P, Setser RM, Cheriet F, **White RD,** O'Donnell T. Computation of coronary perfusion territories from CT angiography. Computers in Cardiology 2007, Durham, NC: 10/03/07.
- (383) Dudzek KM, Snodgrass SDP, Kowan K, **White RD,** Wehmeier KR, Sanchez TV. In-vivo evaluation of studies done with the Norland XR-46 and Xr-800 series equipment. 14th Annual Meeting of the International Society for Clinical Densitometry, San Francisco, CA: 03/12/08.
- (384) **White RD.** Assessment of Pericardial Disease: MR & CT; ACC-Meet the Experts. American College of Cardiology 57th Annual Scientific Sessions, Chicago, IL: 03/31/08.
- (385) **White RD.** Why has the right ventricle failed? Magnetic resonance imaging assessment of the heart and lungs; ACC-Symposium: Management of Right Ventricular Failure. American College of Cardiology 57th Annual Scientific Sessions, Chicago, IL: 04/01/08.
- (386) Dikici E, O'Donnell T, **White RD.** 3D segmentation of the coronary arteries from coronary CT angiography with minimal cuts. University of Florida College of Medicine-Jacksonville Research Day 2008: 05/15/08.
- (387) **White RD.** Problem-oriented integrated use of cardiac CT & MR. Flagler Hospital Grand Rounds, St. Augustine, FL: 06/19/08.
- (388) Dikici E, O'Donnell T, **White RD.** 3D segmentation of the coronary arteries from coronary CT angiography with minimal cuts. Coronary Artery Tracking Challenge-3D Segmentation in the Clinic: A Grand Challenge II, Medical Image Computing & Computer Assisted Intervention 11th Annual International Conference, New York, NY: 09/06/08.
- (389) Carrigan TP, Nair D, Curtin RJ, Popovic Z, Halliburton SS, Kuzmiak S, **White RD,** Schoenhagen P, Flamm SD, Desai MY. Coronary atherosclerotic plaque assessed by multislice computed tomography provides incremental prognostic value over Framingham risk assessment. American Heart Association Annual Scientific Sessions 2008, New Orleans, LA: 11/10/08.
- (390) Carrigan TP, Nair D, Curtin RJ, Popovic Z, Halliburton SS, Kuzmiak S, **White RD,** Schoenhagen P, Flamm SD, Desai MY. Prognostic utility of coronary angiography using 64-slice computed tomography in patients with suspected but no documented coronary artery disease. American Heart Association Annual Scientific Sessions 2008, New Orleans, LA: 11/11/08.
- (391) **White RD.** CT/CMR fusion for assessment of ischemic heart disease. Society for Cardiovascular Magnetic Resonance 12th Annual Scientific Sessions, Orlando, FL: 01/31/09.
- (392) O'Donnell TP, Dikici E, Swenson T, **White RD.** Co-registration of CTA coronary artery/vein maps and MR myocardial viability/scar maps for optimized revascularization or resynchronization therapy planning. Society for Cardiovascular Magnetic Resonance 12th Annual Scientific Sessions, Orlando, FL: 01/31/09.

- (393) **White RD.** Clinical applications of cardiac computed tomography: Meet the Experts. American College of Cardiology 58th Annual Scientific Sessions, Orlando, FL: 03/30/09
- (394) Ibrahim EH, Miller A, **White RD.** Aortic stiffness is related to left ventricular diastolic dysfunction in heart failure with normal ejection fraction as measured by MRI. International Society of Magnetic Resonance in Medicine 17th Annual Meeting & Exhibition, Honolulu, HI: 04/22/09
- (395) Ibrahim EH, Johnson KR, **White RD.** Different techniques for measuring pulse wave velocity using magnetic resonance imaging. International Society of Magnetic Resonance in Medicine 17th Annual Meeting & Exhibition, Honolulu, HI: 04/22/09.
- (396) Dikici E, Swenson T, Shaffer J, **White RD.** Co-Registration of CTA coronary artery/vein maps and MR myocardial viability/scar maps for optimized revascularization of resynchronization therapy planning. University of Florida College of Medicine-*Jacksonville* Celebration of Research 2009, Jacksonville, FL: 05/21/09.
- (397) Ortiz A, Dikici E, Pensabene J, Palacio C, **White RD.** Pericardial fat and its relationship to coronary disease and coronary calcium in patients who present with chest pain. University of Florida College of Medicine-*Jacksonville* Celebration of Research 2009, Jacksonville, FL: 05/21/09.
- (398) Ibrahim ES, Johnson KR, **White RD.** Different techniques for measuring aortic pulse wave velocity using magnetic resonance imaging. University of Florida College of Medicine-*Jacksonville* Celebration of Research 2009, Jacksonville, FL: 05/21/09.
- (399) Ibrahim ES, Miller A, **White RD.** Aortic stiffness is related to left ventricular diastolic dysfunction in heart failure with normal ejection fraction as measured by magnetic resonance imaging. University of Florida College of Medicine-*Jacksonville* Celebration of Research 2009, Jacksonville, FL: 05/21/09.
- (400) **White RD.** Chest Keynote Speaker: Population studies - How badly are they needed? RSNA-95th Scientific Assembly and Annual Meeting, Chicago, IL: 12/02/09.
- (401) Ibrahim ES, Rehwald W, Zuehlsdorff S, **White RD.** Comparison of strain-encoded cardiac MRI images with different k-space acquisition strategies. 13th Annual Society of Cardiovascular Magnetic Resonance Scientific Sessions, Phoenix, AZ: 01/22/10
- (402) Ibrahim ES, Johnson KR, **White RD.** Comparison of different MRI techniques for measuring aortic compliance. 13th Annual Society of Cardiovascular Magnetic Resonance Scientific Sessions, Phoenix, AZ: 01/22/10
- (403) Ibrahim ES, Rehwald W, Zuehlsdorff S, **White RD.** The effect of k-space trajectory on strain-encoded cardiac MRI. International Society of Magnetic Resonance in Medicine 18th Annual Meeting & Exhibition, Stockholm, Sweden: 05/04/10.
- (404) Ibrahim ES, Johnson KR, Shaffer JM, **White RD.** Evaluation of different techniques for measuring pulse wave velocity using 3 Tesla MRI. International Society of Magnetic Resonance in Medicine 18th Annual Meeting & Exhibition, Stockholm, Sweden: 05/05/10.
- (405) Johnson KR, Swenson TK, **White RD.** Validation of coronary calcium scoring using dual energy CT. University of Florida College of Medicine-*Jacksonville* Celebration of Research 2010, Jacksonville, FL: 05/21/10.
- (406) Natter P, **White RD,** Johnson K, Swenson T, Costa J, Williams C. Characterization of renal calculi: Evaluation of dual-energy computed tomography (DECT). University of Florida College of Medicine-*Jacksonville* Celebration of Research 2010, Jacksonville, FL: 05/21/10.

- (407) Ibrahim ES, Rehwald W, Zuehlsdorff S, **White RD**. The effect of k-space trajectory on strain-encoded cardiac MRI. University of Florida College of Medicine-*Jacksonville* Celebration of Research 2010, Jacksonville, FL: 05/21/10.
- (408) Ibrahim ES, Johnson KR, Shaffer JM, **White RD**. Comparison of different MRI techniques for measuring aortic compliance. University of Florida College of Medicine-*Jacksonville* Celebration of Research 2010, Jacksonville, FL: 05/21/10.
- (409) Johnson KR, Swenson TK, **White RD**. Coronary calcium scoring by dual energy computed tomographic coronary angiography. Society of Cardiovascular Computed Tomography-5th Annual Scientific Meeting, Las Vegas, NV: 07/17/10.
- (410) **White RD**. Read cases with the experts (cardiac): An interactive session. RSNA-96th Scientific Assembly and Annual Meeting, Chicago, IL: 11/30/10.
- (411) Ibrahim EH, Rehwald W, Sutton B, Zuehlsdorff S, **White RD**. Assessment of myocardial strain using strain-encoding (SENC) MRI: comparison of acquisition strategies. 14th Annual Society of Cardiovascular Magnetic Resonance Scientific Sessions, Nice, France: 02/15/11.
- (412) Ibrahim EH, Shaffer JM, **White RD**. Pulmonary artery stiffness assessed by velocity-encoding MRI: Comparison of techniques. 14th Annual Society of Cardiovascular Magnetic Resonance Scientific Sessions, Nice, France: 02/15/11.
- (413) Ibrahim EH, Rehwald W, Sutton B, Zuehlsdorff S, **White RD**. Comparison of different data acquisition strategies in myocardial strain assessment using strain-encoded (SENC) MRI. International Society of Magnetic Resonance in Medicine 19th Annual Meeting & Exhibition, Montreal, Canada: 05/12/11.
- (414) Ibrahim EH, Shaffer JM, **White RD**. Velocity-encoded MRI for assessment of pulmonary arterial stiffness: Comparison of techniques. International Society of Magnetic Resonance in Medicine 19th Annual Meeting & Exhibition, Montreal, Canada: 05/11/11.
- (415) **White RD**. Integrative use of cardiac MR and cardiac CT in chronic ischemic heart disease. Klassen Research Day, OSUMC, Columbus, OH: 06/16/11
- (416) **White RD**. Cardiac Imaging in Academic Radiology - Current level of Radiology involvement: SCARD survey review. Society of Chairmen of Academic Radiology Departments-2011 Annual Meeting, Colorado Springs, CO: 09/23/11
- (417) **White RD**. Refresher Course: CT of Heart Failure. RSNA-97th Scientific Assembly & Annual Meeting, Chicago, IL: 11/30/11.
- (418) Ibrahim EH, Johnson KR, Rana FN, **White RD**. Assessment of iron deposition in the heart in sickle cell patients using 3.0-Tesla cardiovascular magnetic resonance. Society of Cardiovascular Magnetic Resonance Scientific Sessions, Orlando, FL: 2/3/12.
- (419) Ibrahim EH, Rana FN, Johnson KR, **White RD**. Assessment of cardiac iron deposition in sickle cell disease using 3.0 Tesla MRI. International Society of Magnetic Resonance in Medicine 20th Annual Meeting & Exhibition, Melbourne, Australia: 5/9/12.
- (420) **White RD**. Refresher Course: Advances in Cardiac Imaging-MRI. RSNA-98th Scientific Assembly & Annual Meeting, Chicago, IL: 11/25/12.
- (421) Mazumder R, Raterman B, Jin N, Bolster BD, **White RD**, Clymer. Rapid acquisition technique for MR elastography of the liver. RSNA-98th Scientific Assembly & Annual Meeting, Chicago, IL: 11/26/12.

- (422) Mazumder R, Choi S, Raterman B, Clymer B, **White RD**, Kolipaka A. Diffusion Tensor Imaging of Formalin Fixed Infarcted Porcine Hearts: A comparison between 3T and 1.5T. SCMR and ISMRM New-Horizons in High Field Cardiovascular Imaging Workshop, San Francisco, CA: 1/30/13
- (423) Mazumder R, Choi S, Raterman B, Clymer B, **White RD**, Kolipaka A. Diffusion Tensor Imaging of Formalin Fixed Infarcted Porcine Hearts. 16th Annual Scientific Meeting SCMR, San Francisco, CA: 1/30/13-2/3/13
- (424) Damughatla A, Raterman B, Simonetti O, Sharkey-Toppen T, Jin N, **White RD**, Kolipaka A. MR Elastography as a Method to Estimate Aortic Stiffness and Its Comparison against MR Based Pulse Wave Velocity Measurement. 16th Annual Scientific Meeting SCMR, San Francisco, CA: 1/30/13-2/3/13
- (425) Mazumder R, Choi S, Clymer B, **White RD**, Kolipaka A. Diffusion Tensor Imaging of Fresh and Formalin Fixed Porcine Hearts: A Comparison Study of Fiber Tracts. 21st Annual Scientific Meeting ISMRM, Salt Lake City, UT: 4/20/13-4/26/13.
- (426) Mazumder R, Clymer B, **White RD**, Kolipaka A. MR Elastography as a Method to Determine the Mechanical Properties of Fresh and Formalin Fixed Porcine Hearts. 21st Annual Scientific Meeting ISMRM, Salt Lake City, UT: 4/20/13-4/26/13.
- (427) Damughatla A, Raterman B, Simonetti O, Sharkey-Toppen T, Jin N, **White RD**, Kolipaka A. Quantification of Aortic Stiffness Using MR Elastography and its Comparison to Pulse Wave Velocity: Early Validation. 21st Annual Scientific Meeting ISMRM, Salt Lake City, UT: 4/20/13-4/26/13.
- (428) Choi S, Mazumder R, Schmalbrock P, Knopp MV, **White RD**, Kolipaka A. Potential of Diffusion Tensor Imaging as a Virtual Dissection Tool for Cardiac Muscle Bundles: A Pilot Study. 21st Annual Scientific Meeting ISMRM, Salt Lake City, UT: 04/20/13-04/26/13.
- (429) Romano A, Mazumder R, Choi S, Clymer B, **White RD**, Kolipaka A. Waveguide magnetic resonance elastography of the Heart. 21st Annual Scientific Meeting ISMRM, Salt Lake City, UT: 04/20/13-04/26/13.
- (430) Da Silveira JS, Scansen BA, Wassenaar P, Raterman B, Jin N, **White RD**, Bonagura JD, Kolipaka A. Cardiac magnetic resonance elastography of the right ventricle in canines with congenital pulmonary valve stenosis. RSNA-99th Scientific Assembly & Annual Meeting, Chicago, IL: 12/04/13.
- (431) Carkaci S, Erdal BS, Adrada BE, **White RD**. Decision support system for breast cancer screening. RSNA-99th Scientific Assembly & Annual Meeting, Chicago, IL: 12/05/13
- (432) Mazumder R, Clymer B, **White RD**, Kolipaka A. Estimation of helical angle of the left ventricle using diffusion tensor imaging with minimum acquisition time. SCMR 17th Annual Scientific Meeting, New Orleans, LA: 01/16/14-01/19/14
- (433) Da Silveira JS, Scansen BA, Wassenaar PA, Raterman B, Jin N, **White RD**, Bonagura JD, Kolipaka A. MR elastography-derived right ventricular stiffness in dogs with congenital pulmonary valve stenosis: Correlation with myocardial relaxation times and ECV. SCMR 17th Annual Scientific Meeting, New Orleans, LA: 01/16/14-01/19/14
- (434) Kenyhercz W, Damughatla A, Raterman B, Wassenaar P, **White RD**, Kolipaka A. Quantification of aortic stiffness across the cardiac cycle using magnetic resonance elastography. SCMR 17th Annual Scientific Meeting, New Orleans, LA: 01/16/14-01/19/14
- (435) Collins J, Gruppen L, Bailey JE, Bokhari SA, Paladin AM, Robbins JB, **White RD**. 24/7/365 In-house radiologist coverage: Effect on resident education. Association of University Radiologists-

- 62nd Annual Meeting & Scientific Sessions, Baltimore, MD: 04/03/14. Received Joseph E. & Nancy O. Whitley Award for best manuscript
- (436) Ozkan E, Erdal S, West A, Chu B, Zhao W, Otterson G, Ghosh S, **White RD**. CT gray level texture analysis of epidermal growth factor mutation status in lung adenocarcinoma. American Roentgen Ray Society 114th Annual Meeting, San Diego, CA: 05/07/14.
- (437) Scansen BA, Chiappone GA, Layman R, **White RD**. Computed tomography angiography of the coronary arterial circulation of bulldogs under conscious sedation is feasible and defines anomalous anatomy. 2014 American College of Veterinary Internal Medicine Forum, Nashville, TN: 06/09/14.
- (438) Kolipaka A, **White RD**. Magnetic resonance elastography: Frontier in medical imaging. Academy of Radiology Research - Coalition for Imaging and Bioengineering Research - 6th Annual Reception and Medical Showcase: The Impact of NIH Research on Imaging, Technology, & Patient Care, Washington, DC: 05/19/15
- (439) Warhadpande S, Kenyhercz W, Illapani P, Raterman B, Dowell J, Go M, Vaccaro P, Starr J, **White RD**, Kolipaka A. Estimation of Abdominal Aortic Aneurysm Stiffness using MR Elastography: Is Stiffness Superior to Diameter? ISMRM 23rd Annual Meeting, Toronto, ON: 06/03/15
- (440) Mazumder R, Miller R, Jiang H, Clymer BD, **White RD**, Young A, Romano A, Kolipaka A. Validation of waveguide magnetic resonance elastography using finite element model simulation. ISMRM 23rd Annual Meeting, Toronto, ON: 06/03/15
- (441) Cardiac dimensions measured by multi-detector computed tomography angiography and transthoracic echocardiography in normal English bulldogs. Hostnik ET, Scansen BA, Habing AM, **White RD**. American College of Veterinary Radiology, Minneapolis, MN: 10/7/15-10/10/15
- (442) Layman RR, Aalberg J, Chiappone G, Greulich C, Corrigan K, **White RD**. Advantages of a state-of-the-art dual source computed tomography (DSCT) system in an ED setting. RSNA-101th Scientific Assembly & Annual Meeting, Chicago, IL: 11/29/15 -12/04/15
- (443) Chiappone G, Layman RR, Aalberg J, Greulich C, Corrigan K, **White RD**. Quality improvement: Gated thoraco-abdominal aortic CTA utilizing state-of-the-art dual source technology. RSNA-101th Scientific Assembly & Annual Meeting, Chicago, IL: 11/29/15 -12/04/15
- (444) Illapani VSP, Flores JG, Mazumder R, **White RD**, Markl M, Kolipaka A. Quantification and comparison of 4D PC-MRI derived wall shear stress and MRE derived wall shear stiffness of abdominal aorta. 19th Annual Scientific Meeting SCMR, Los Angeles, CA: 1/27/16-1/30/16
- (445) Mazumder R, Schroeder S, Clymer BD, White RD, Kolipaka A. Quantification of myocardial stiffness in heart failure with preserved ejection fraction porcine model using magnetic resonance elastography. 19th Annual Scientific Meeting SCMR, Los Angeles, CA: 1/27/16-1/30/16
- (446) Ahmad R, Schroeder S, White RD, Kolipaka A. Accelerated MR elastography for quantitative measurement of myocardial stiffness. 19th Annual Scientific Meeting SCMR, Los Angeles, CA: 1/27/16-1/30/16
- (447) Mazumder R, Schroeder S, Clymer BD, **White RD**, Kolipaka A. In-vivo quantification of myocardial stiffness in heart failure with preserved ejection fraction using magnetic resonance elastography: Assessment in a porcine model. ISMRM 24th Annual Meeting, Singapore: 5/7/16-5/13/16
- (448) Ahmad R, Schroeder SA, **White RD**, Kolipaka A. Accelerated MR elastography for quantitative measurement of myocardial stiffness. ISMRM 24th Annual Meeting, Singapore: 5/7/16-5/13/16

**MISCELLANEOUS SCIENTIFIC PRESENTATIONS
& INVITED-GUEST LECTURES: ACCEPTED**

- (449) Prevedello LM, Erdal BS, **White RD**. Using artificial Intelligence to improve communication of critical results. RSNA-102nd Scientific Assembly & Annual Meeting, Chicago, IL: 11/29/16

**MISCELLANEOUS SCIENTIFIC PRESENTATIONS
& INVITED-GUEST LECTURES: PROPOSED**

- (450) Dong H, Kalra P, Raterman B, Joseph M, **White RD**, Kolipaka A. In vivo quantification of aortic stiffness in abdominal aortic aneurysm porcine model using magnetic resonance elastography. 20th Annual Scientific Meeting SCMR, Washington, DC: 2/1/17-2/4/17