

**Faculty: Terry J. DuBose, M.S., RDMS, FSDMS, FAIUM**

Director, Division Diagnostic Medical Sonography & DMS Program  
Associate Professor, College of Health Related Professions  
University of Arkansas for Medical Sciences



Address: Home: 129 North Woodrow Street  
Little Rock, Arkansas 72205  
Phone: 501.661.1799

Office: DMS Program  
Univ. Arkansas for Medical Sciences Mail Slot #563  
4301 West Markham Street,  
Little Rock, Arkansas 72205  
VOICE: 501.686.6510 | FAX: 501.686.6513

Internet: [DuBoseTerryJ@UAMS.edu](mailto:DuBoseTerryJ@UAMS.edu) or [dubose@io.com](mailto:dubose@io.com)

## **PERSONAL**

Born: March 3, 1944, Brownfield, Texas, Married, one child.

## **EDUCATION:**

1998: University of Arkansas for Medical Sciences, College of Nursing, (Epidemiology); Self-directed graduate studies

1996-1998: University of Arkansas at Little Rock (Statistics & Allied Health); Self-directed graduate studies

1991-1996: Southwest Texas State University, San Marcos, Texas  
**Graduated Master's in Health Professions & Allied Health Research** (Minor: Geographic Information Systems, GIS),

1962-1966: Hardin-Simmons University, Abilene, Texas  
**Graduated Bachelor of Business Administration**  
Major: Finance, Minor: Economics

1970-1972: University of Texas, Austin, Texas  
Self-directed graduate studies

1972-1974: Concordia Lutheran College, Austin, Texas  
**Graduated: Associate of Science in Radiological Technology**

## **ACADEMIC APPOINTMENTS and PROFESSIONAL EXPERIENCE:**

2001-Current: University of Arkansas for Medical Sciences  
College of Health Related Professions, **Associate Professor**, Tenured  
Department of Imaging and Radiation Sciences  
Director, Diagnostic Medical Sonography Program

1996-2001: University of Arkansas for Medical Sciences  
College of Health Related Professions, **Assistant Professor**  
Department of Imaging and Radiation Sciences  
Director, Diagnostic Medical Sonography Program

1994-1996: Texas UltraSound (TxUS)- Independent Contract Sonography (Ob/Gyn, Abd, Vascular)

1980-1994: Austin Radiological Association: Senior Sonographer supervising 12 sonographers in 4 outpatient offices. Diagnostic Sonography: Obstet & Gynecol, Abd and Vascular Word-processing PC Manager

1989-1994 Austin Community College: Diagnostic Medical Sonography Program Founder, Director & Instructor - Taught Obstetrical, Abdominal & Sonographic Physics

1974-1980: Seton Medical Center Chief, Special Procedures: Neural & Cardiac Angiography

1978-1982: Austin State Hospital, Radiologic Technology Instructor: Radiological Physics

1970-1972: Texas State Coordinator, Vietnam Veterans Against the War, and National VVAW Steering Committee

1969-1970: Texas Comptroller of Public Accounts Tax Examiner: Motor Fuels

MILITARY: 1966-1969 U.S. Army, Quartermaster Corps 1st. Lieutenant; Honorable Discharge

## **LICENSES & CERTIFICATIONS:**

American Registry of Diagnostic Medical Sonographers, #4634 (1978-CURRENT)

Advanced Practice Sonographer (OB/GYN) SDMS, 2001

American Registry of Radiological Technologists, #104700 (1974-Inactive)

Texas, Certified Medical Radiological Technologist, #4643-5864 (inactive)

## **PROFESSIONAL ASSOCIATIONS:**

Society of Diagnostic Medical Sonographers, Fellow Member (1985- Current)

American Institute of Ultrasound in Medicine, Fellow Member (1980- Current)

Association of Educators in Radiologic Sciences (1998- 2000)

American Association of History and Computing (1999-2003)

## **HONORS and AWARDS:**

Australian Sonographer's Association, International Keynote Lecture, "Sonography in the USA - current and future possibilities" Adelaide, Australia, May 22, 2009

Baker Pioneer Award 2007, Society of Diagnostic Medical Sonography, Las Vegas, NV, Oct. 2007.

Stephen McLaughlin Memorial Lecture: "The Profession's Identity -- Words & Actions Matter" 2007, Society of Diagnostic Medical Sonography, Las Vegas, NV, Oct. 2007.

Distinguished Educator Award 2005, Society of Diagnostic Medical Sonography, Dallas Texas, Oct. 8, 2005. [http://www.obgyn.net/displayarticle.asp?page=/news/SDMS2005\\_Dubose\\_award](http://www.obgyn.net/displayarticle.asp?page=/news/SDMS2005_Dubose_award)

UAMS History of Medicine Associates, Vice President 2005-current

SDMS Board of Director-at-Large, 2006-2010

ARDMS Board of Directors, 2004-2007

AIUM Board of Governors, 2004-2007

Distinguished Alumni Award 2003, Hardin-Simmons University, Abilene, Texas

Society of Diagnostic Medical Sonography 2001, Special recognition for work with US Department of Labor to establish Sonography as an independent profession

Joint Review Committee on education in Diagnostic Medical Sonography Board of Governors, 2000-2006

Fellow Society of Diagnostic Medical Sonography, 1999

Fellow American Institute of Ultrasound in Medicine, 1996

Executive Secretary: Society of Diagnostic Medical Sonography; 1997-1999.

Executive Treasurer: Society of Diagnostic Medical Sonography; 1993-1995.

Member: Technical Standards Committee, American Institute of Ultrasound in Medicine, 1996-1999, 1992-1995, 1999-2003

Member: Clinical Standards Committee, American Institute of Ultrasound in Medicine, 2002-2005

Sonographic Correspondent: OBGYN.net (World Wide Web site): 1997- current

Chair (inceptive), Ultrasound@OBGYN.net, 1998-current (<http://www.obgyn.net/us/us.htm> )

Arkansas State Representative: Society of Diagnostic Medical Sonography, 1996-2002

1st Place, Scientific Presentations: SDMS Conference, Boston, 1989; Atlanta, 1995

Kenneth Gottesfeld Award for published research, 1986: Journal of Diagnostic Medical Sonography; 1:205-217; 2:182

Kenneth Gottesfeld Award for published research, 1998: Journal of Diagnostic Medical Sonography

National Steering Committee & Texas State Coordinator, Vietnam Veteran's Against the War, 1970-1972

Army Commendation w/Oak Leaf, Ft. Sill, Okla, 1969

Army Commendation - Vietnam, 1968

Who's Who in American Colleges & Universities, 1965-1966

## **SERVICE:**

### **Department of Imaging and Radiological Sciences:**

2001 Designed new recruitment poster for DIAGNOSTIC MEDICAL SONOGRAPHY Program.

2000 Co-Coordinator for Vascular Sonography Seminar. One day CME course.

1998, 2002 Coordinated and taught a 16 hour CME credit course via interactive video throughout the state: "Applied Sonographic Procedures: Obstetrics & Gynecology, Abdomen, Physics & Instrumentation".

1999 Wrote curriculum for the extension of the DIAGNOSTIC MEDICAL SONOGRAPHY program to 18 months. 1999 DIAGNOSTIC MEDICAL SONOGRAPHY Program received full accreditation by CAAHEP

1998 Co-Coordinator for "Sonography of the Renal System & Related Pathology". One day CME course.

1998 Did state wide survey for justification of the proposed DIAGNOSTIC MEDICAL SONOGRAPHY BS program, survey analysis and proposal in progress.

1997 Co-Coordinator for "Sonography of the Liver, Biliary System & Related Pathology". One day CME course

1997 DIAGNOSTIC MEDICAL SONOGRAPHY Admissions Committee 1998

1997 DIAGNOSTIC MEDICAL SONOGRAPHY Self-Study Completed

1997 wrote curriculum for DIAGNOSTIC MEDICAL SONOGRAPHY

1996, 1998 Coordinated and taught a 30 hour CME credit course via interactive video throughout the state: "Sonographic Sectional Anatomy".

1996 Co-Coordinator for "Updates in Sonography for Physicians and Health Care Professionals: Gynecology, Obstetrics, and Neonatology". One day CME course.

1996 Co-Coordinator for "Standards of Care for Obstetric Sonography for Physicians and Health Care Professionals". One day CME course.

#### **College of Health Related Professions:**

2009-2010 Promotion and Tenure Committee CHRP

2009-2010 2003-2004 Promotion & Tenure Committee member CHRP

2001-2002 Grievance Committee member CHRP

April 12, 2001. Recruiting with Mr. Gaddy at UALR.

1999-2009 UAMS-CHRP High School "MASH" recruiting presentations

1999 Institutional Review Board (IRB) approval for human research on the Embryonic Heart Rate, my first.

1999-2000 Chair, CHRP Minorities Affairs Committee.

1998 CHRP Minority Affairs Committee

1998-2009 Commencement Marshall

1997-2009 Annual CHRP Phonathon

1997 CHRP College & Alumni Relations Committee Member

#### **University of Arkansas for Medical Sciences:**

2007-current UAMS Racial and Ethnic Healthcare Disparities Task Force

2004-current UAMS Technology in Education Committee

2001. Presentation on Obstetrical Sonography to the UAMS-CON: Women's Health Nurse Practitioner Program.

2000. Telecommunications and Distance Learning Coordinating Committee (TDLC) member. In Progress.

1996 UAMS Distance Learning Task Force Member

1997 & 2003 UAMS Blood Donor

1997-2001 Scan (Sonography) 1/2 day a week in the University Women's Clinic, High-Risk OB Clinic.

1997-1998 Lectures on Sonographic Physics for the College of Medicine, Radiology Residents, 8 hours each summer.

### **Community:**

2005-2008 Arkansas Earth Day Board of Directors

2001 Host and consultation on "Science and Religion in African Perspectives" at Ouachita Baptist University, Arkadelphia.

2000 Reviewed the SIGI PLUS (Educational Testing Service, Princeton, NJ) materials and definition of the profession of Diagnostic Medical Sonography.

1999-2001 Photography, graphics design, & roadie for *Kilimanjaro*, African-American dance and percussion troupe.

1999-2000 Arkansas Symphony member

1997-2001 Arkansas Arts Center, Member.

1997-1999 Progressive Arts Society, Member.

### **PROFESSIONAL:**

2007-Continuing SDMS Board of Directors, Director-at-Large, Government Relations Committee

2004-2005 ARDMS Finance & Audit Committee

2001-2007 Examination Development Task Force for the American Registry of Diagnostic Medical Sonographers.

2000- Initiated and assisted with the successful revision of the definition for the profession of Diagnostic Medical Sonography for the US Department of Labor, Occupational Outlook Handbook. These revisions will be published in the Fall of 2001. (<http://stats.bls.gov/ocohome.htm> )

1998-1999- Liaison between Society of Diagnostic Medical Sonographers and Association of Educators in Radiological Sciences.

1999-2002- Board of Directors, Joint Review Committee on Education in Diagnostic Medical Sonography

1999-Current Chair, Internet Committee, Society of Diagnostic Medical Sonographers. Formed new committee.

1999-2000 - Member, By Laws Committee, Society of Diagnostic Medical Sonographers

1999- Society of Diagnostic Medical Sonographers, elected Region Three 1999-Current Membership, Association of Educators in Radiological Sciences.

1999 - Led the establishment of Peer-Review of articles published electronically on the Ultrasound Section of OBGYN.net

1999-2002- Society of Diagnostic Medical Sonography Board of Directors & Region 3 of USA Director. In progress, term expires 2002.

1999-2009- Board of Directors: Joint Review Committee on Education in Diagnostic Medical Sonography. In Progress, term expires August 2006.

1998-2000: Chair, Advanced Practice Sonography Task Force, Society of Diagnostic Medical Sonographers.

1998-2000 Chair, Information & Technology Committee, Society of Diagnostic Medical Sonographers

1998-2000- Member Information Technology Committee, Association of Educators in Radiological

1998-Current. Member, Editorial Board, Journal of Diagnostic Medical Sonography; OB/GYN Section Editor

1998-2006 Member, Standards Committee, American Institute for Ultrasound in Medicine. Continuation of committee membership from previous year.

1996-2000 Membership, Arkansas Society of Radiologic Technologists

1996-current Membership, Northwest Arkansas Sonographers Society

1996-1999 American Institute of Ultrasound in Medicine, Standards Committee, SDMS Representative.

1996- Journal of Diagnostic Medical Sonography Author Mentoring Program (AMP). Members act as mentors, advisors, and supporters of first time 1997-1996 Sonographer Correspondent; OBGYN.net, Electronic Journal <http://www.obgyn.net/>

1986-1994 established and Program Director, Diagnostic Medical Sonography Program, Austin Community College, Texas

1997-Current Journal of Diagnostic Medical Sonography Editorial Board

1997-1999 Society of Diagnostic Medical Sonographers, Executive Secretary.

1997-continuing: Initial Chair, Editorial Advisory Board, Ultrasound Section of OBGYN.net <http://www.obgyn.net/us/us.asp>

1985-Current Membership, Society of Diagnostic Medical Sonographers

1980-Current Membership, American Institute of Ultrasound in Medicine.

#### **PROFESSIONAL CONFERENCES and TRAINING:**

Fetal Echocardiography: Intensive Review Course August 6-8, 2009; Burns Tennessee. <http://www.youtube.com/watch?v=XZ0BJklhrcU> last access October 7, 2009.

American Institute of Ultrasound in Medicine Conferences 2007, 2006, 2005\*, 2004, \*2000, \*1999, 1998, 1997, 1996, 1994, \*1992, \*1988, 1984, 1982

Society of Diagnostic Medical Sonography Conferences \*2009, 2008, \*2007, 2006, 2005, \*2004, \*2003, \*2002, 2001, \*2000, 1999, \*1998, \*1997, \*1995, \*1994, 1992, \*1989

Australian Sonographers Association, \*2009 International Keynote speaker

Wake Forest University School of Medicine: Radiological Ultrasound Course, May, 2001: \*lectures given: \*Liver Anatomy & Pathology; \*Biliary System Anatomy & Pathology, \*Gynecologic Anatomy, \*Gynecologic Pathology, \*Pancreas Anatomy & Pathology.

American Association of History and Computing, Waco, Texas, April 2000.

International Society of Ultrasound in Obstetrics & Gynecology World Congress: Edinburgh 1998, Buenos Aries \*1999

Society of Diagnostic Medical Sonography \*1993, Endovaginal Specialty Symposium

American Assn. of Gyn. Laparoscopist \*1990, Jun. - World Congress on Vaginosonography

University of California, San Diego 1988, Jan. - Duplex Doppler Imaging

Baylor College of Medicine, Houston, 1988, Apr. - Sonography of Prostate Cancer

Yale University School of Med. 1983, Oct. - Fetal Echocardiography

University of Texas, Austin, TX 1982, Oct-Nov. - Computer Programming

Harvard School of Medicine, Boston, 1982, May. - Obstetrical Sonography

Rohe' Ultrasound; Newport Beach, CA 1977, May. - General Diagnostic Sonography

\* = Lecturer/Presenter

### Computer Skills:

Personal Computers: Word-processing, Spreadsheets, Databases, Power Point, Computer Aided Instruction, Graphics & Video, Basic Programming, Internet & Telecommunications, HTML, WebCT, UNIX, VAX/VMS, SPSS & SAS (Statistical), DOS

### PUBLICATIONS:

#### Books

**DuBose TJ** and Hagen-Ansert SL; Editor: Hagen-Ansert: Textbook of DIAGNOSTIC ULTRASONOGRAPHY 6th ed: Chapter 46: Obstetric Measurements and Gestational age; Mosby Elsevier, 2006.

**DuBose TJ**, Gill, and Shah; Editor: Gill KA: ABDOMINAL ULTRASOUND: Chapter 5 title: Liver; W. B. Saunders Co. 2001.

**DuBose TJ**, Editor; author of 14 (75%) of the chapters. FETAL SONOGRAPHY; W. B. Saunders; 1996

**DuBose TJ**, Editors: Berman M, Craig M, Kawamura DM; DIAGNOSTIC MEDICAL SONOGRAPHY: A GUIDE TO CLINICAL PRACTICE: Vol.II: OB/GYN. Chapter 17 title: Assessment of Fetal Age & Size; Lippencott:BOOK, 1st & 2nd Editions, 1991 & 1996

**DuBose TJ**, Editors: Berman M, Craig M, Kawamura DM; *DIAGNOSTIC MEDICAL SONOGRAPHY: A GUIDE TO CLINICAL PRACTICE*: Vol.II: OB/GYN. Chapter 25 title: Computer Software for OB Sonography; Lippincott: BOOK, 1991

#### Software

**DuBose TJ**: Software and Manual; BASIC BABY II - Obstetrical Software and Users Manual; Mind's Eye Images; Manual, 1986-2001

#### Publication by Peer Review

Baker AL, **DuBose TJ**, Electronic Systems for Student Clinical Records; *Journal of Diagnostic Medical Sonography* 2009; 25; 277 originally published online Jun 16, 2009; DOI: 10.1177/8756479309340914; <http://jdm.sagepub.com/cgi/reprint/25/5/277> ; Last access: 10/7/2009

**DuBose TJ**, Baker AL, Confusion and Direction in Diagnostic Doppler Sonography; *Journal of Diagnostic Medical Sonography* 2009; 25; 173 originally published online May 13, 2009; DOI: 10.1177/8756479309335681; <http://jdm.sagepub.com/cgi/reprint/25/3/173> ; Last access: 6/2/2009

**DuBose TJ**, Weinberg KE, Calton S, Diacon L, and Balderston K; "ARDMS OB/GYN Task Analysis Results"; JDMS 22:92-98 March/April 2006.

**DuBose TJ** and Baker AL; "Energizing Education: Doppler Football"; JDMS 22:135-137 March/April 2006.

**DuBose T.J.**, Ludwig R., Bean P., Shafii L., Flack D., Rhodes B., Crystallography and the Gene Helix Discovery: An Interdisciplinary educational project; J Diag Med Sonography, Nov/Dec, 2003; 19:340-346.

**DuBose, T.J.**; **Polybiography of diagnostic medical sonography** (2001) *Journal of the Association for History and Computing*, 4 (1).

**DuBose TJ**, Polybiography of Diagnostic Medical Sonography; JAHC May 2001; THE JOURNAL OF EDUCATION, COMMUNITY, AND VALUES <http://bcis.pacificu.edu/journal/2002/04/dubose.php>; Last access: 6/2/2009

**DuBose TJ**, Three Dimensional Fetal Head; JDMS 17:74-79 March/April 2001; <http://www.sdms.org/jdms/default.asp>; Last access: 3-20-2001

**DuBose TJ**, 3D BPD Correction; July 2000: <http://www.obgyn.net/us/cotm/0007/3d-bpd-correction.htm>; Last access: 8-28-2000.

Necas M, **DuBose T**, Taylor V: "Exencephaly -Anencephaly Sequence and its Sonographic Features". June 2000; <http://www.obgyn.net/us/cotm/0006/exencephaly-anencephaly.htm>

**DuBose TJ**, Miller MM & Moutos DM; "Embryonic Heart Rates Compared in Assisted and Non-Assisted Pregnancies"; <http://www.obgyn.net/us/cotm/0001/ehr2000.htm>; Jan 2000

Necas M, Worrall JA, **DuBose TJ**: **Recognizing Intra-amniotic Band-like Structures on Obstetric Ultrasound**; September 1999; <http://www.obgyn.net/us/cotm/9909/bands.htm>

Chung, Eddins, Angtuaco, Collins, Karczeski, & **DuBose** "Sacrococcygeal Teratoma": May 1999, Ultrasound Section OBGYN.net (<http://www.obgyn.net/us/cotm.htm#Cases of the Month>).

**DuBose**, Collins & Karczeski; " Walker-Warburg Syndrome": January 1999, Ultrasound Section OBGYN.net ([http://www.obgyn.net/us/cotm/9901/cotm\\_9901.htm](http://www.obgyn.net/us/cotm/9901/cotm_9901.htm)).

Sosebee S & **DuBose T**; "Omphalocele & Cystic Hygroma": December 1998, Ultrasound Section OBGYN.net ([http://www.obgyn.net/us/cotm/9812/cotm\\_9812.htm](http://www.obgyn.net/us/cotm/9812/cotm_9812.htm)).

**DuBose TJ**, Boyce KE, Cyr D, Persutte WH; The Internet: Communicating at the Speed of Sound; J Diagnostic Medical Sonography; 14:78-83, 1998; March/April

**DuBose TJ**, Bittengle J, Donaldson R; Diagnostic Medical sonography, Interactive Video, and Distance Learning; J Diagnostic Medical Sonography; 13:146-152 1997, May/June. Kenneth R. Gottesfeld Award: JDMS 15:57, 1999, March/April

Garza RR, **DuBose TJ**, Hill LW, Porter L, Ellzey RF; Evaluating Ureteral Jets with Color Doppler in Adults; J Diagnostic Medical Sonography; 7:198-200, 1991, July/Aug

**DuBose TJ**; Computers in the Sonographic Laboratory: Why?... and How; J Diagnostic Medical Sonography; 6:144-150, 1990, May/June

**DuBose TJ**, Cunyus JA, Johnson LF; Embryonic Heart Rate and Age; J of Diagnostic Medical Sonography; 6:151-157, 1990, May/June

**DuBose TJ**, Porter L, Hill LW, Greenwood C; Black & White Color Doppler; Amer J of Roentgenology; 155:189-199, 1990, July

**DuBose TJ**, Porter L, Dickey D, Hill LW, Butschek CM & Poole EK; Sonographic Correlation of Fetal Heart Rate and Gender; J of Diagnostic Medical Sonography; 2:49-53, 1989, March-April

**DuBose TJ**, Dickey D, Martin M, Butschek C, Hill L & Porter L; Normal Menstrual Changes in Arcuate Uterine Blood Vessels; J Ultrasound in Medicine; 7:S205, 1988, October

**DuBose TJ**, Poole EK, Hennigan HW, Hill LW, Askew R & Hurt B; Thyroid Sonography - First Choice for Diagnosis?; Texas Medicine; 83:36-39, 1987, April

**DuBose TJ** Gottesfeld Award; Fetal Biometry: Vertical Calvarial Diameter and Calvarial Volume; J Diagnostic Medical Sonography; 2:181-182, 1986

**DuBose TJ**, Hill LW, Hennigan HW Jr., Nichols DH, Mezaraups GG, Porter L, Marley L, Butschek CM, Karnaze GC, Walser E, Reyes K & Cunyus JA; Sonography of Arcuate Uterine Blood Vessels; J Ultrasound in Medicine; 4:229-233, 1985, May

Hennigan TJ, **DuBose TJ**; Sonography of the Normal Female Urethra; Amer J of Roentgenology; 145:839-841, 1985, October

**DuBose TJ**; Fetal Biometry: Vertical Calvarial Diameter and Calvarial Volume; J Diagnostic Medical Sonography; 1:205-217, 1985

**DuBose TJ**; A Simple Test of Excessive B Scanner Transducer Ring; Medical Ultrasound; 7:169-172, 1983, November

#### Poster Presentations:

**DuBose T**, Butler BB, Bridgeman KV, Barringer SN; On-Line Interdisciplinary Education in Sonography and Genetic Counseling; Poster Presentation; Association of Schools of Allied Health Professions Annual Conference 2006; Proceedings p. 41.

Bittengle J, **DuBose T**, Maune A, Rands D, & Ludwig R; Interdisciplinary Cardiac Imaging Online Course; Poster Presentation; Association of Schools of Allied Health Professions Annual Conference 2006; Proceedings p. 37.

## Technical

Opher K, Nemec, Eileen, **DuBose TJ**, ; AIUM Technical Bulletin: "Transducer Manipulation for Echocardiography"; JUM 2005; 24:733-736.

AIUM Technical Standards Committee: Carson PL, **DuBose TJ**, Hileman R, Lopez H, et al: "Standard Methods for Calibration of 2-Dimensional and 3-Dimensional Spatial Measurement Capabilities of Pulse Echo Ultrasound Imaging Systems; AIUM Publications, 2004.

**DuBose TJ**; "Black & White Color Doppler Sonography"; Ultrasound section OBGYN.net, August 1999, (<http://www.obgyn.net/us/present/9908/dubose1.htm>).

Opher K, Shechter S, **DuBose TJ**, Waldrop L; AIUM Technical Bulletin: "Transducer Manipulation"; JUM Feb 1999; 18:169-175.

## Publication by invitation

**DuBose TJ**; "Are You Being Cited for Your Good Work?"; JDMS 22: 159-160; May/June, 2006; Invited Editorial

**DuBose TJ**; "Sonography Text a Good Reference for Beginners", invited review of Block, Berthold, Color Atlas of Ultrasound Anatomy; Advance for Imaging and Radiation Therapy Professionals, February 7, 2005, p. 90.

Milburn DT, **DuBose TJ**, Hartman MJ; "Managing Your Program with Shrinking Finances"; SDMS Annual Conference; 2004, September

**DuBose TJ**; "Bands and Membranes of Pregnancy"; SDMS CME CD ROM; 2003, October

**DuBose TJ**; "Anatomy In Vivo", 2002, Ultrasound section OBGYN.net, August, <http://www.obgyn.net/displayppt.asp?page=/english/pubs/features/presentations/dubose/dubose-ss>,

Staiano SJ & **DuBose TJ**; Syndromic Sonography; OB-GYN Ultrasound Today; Volume 1, Lesson 10; Chrestomathic Press, Inc., October, 1996

**DuBose TJ**, Hill LW, Cunyus JA, Nichols DH, Hennigan W Jr., Butschek CM, Porter L, Dickey, D, Mezaraups GG, Karnaze GC & Walser E; Sonography of Menstrual Changes in Arcuate Uterine Blood Vessel Diameters; J of Cardiovascular Ultrasonography; 4:243-251, 1985

## Lectures, presentations & abstracts

**DuBose TJ**; "3D Fetal Cranial Volume"; SDMS 26th Annual Conference, Proceedings, Nashville TN; 2009, October

**DuBose TJ**; Australian Sonographer's Association, International Keynote Lecture, "Sonography in the USA - current and future possibilities" Adelaide, Australia, May 22, 2009

**DuBose TJ**; Australian Sonographer's Association, "Sonographic professionalism and grammar" Adelaide, Australia, May 22, 2009

**DuBose TJ**; Australian Sonographer's Association, "Embryonic heart rates" Adelaide, Australia, May 23, 2009

**DuBose TJ**; Australian Sonographer's Association, "Sonographic distance education via the web" Adelaide, Australia, May 23, 2009

**DuBose TJ**; Australian Sonographer's Association, "The first trimester" Adelaide, Australia, May 24, 2009

**DuBose TJ**; Australian Sonographer's Association, "3D fetal cranial volume" Adelaide, Australia, May 24, 2009

**DuBose TJ**; "The Profession's Identity - Words and Actions Matter"; SDMS 24th Annual Conference, Proceedings, Las Vegas NV; 2007, October

**DuBose TJ**; "Sonography of the Placenta"; SDMS 24th Annual Conference, Proceedings, Las Vegas NV; 2007, October

**DuBose TJ**; "First Trimester Sonography"; SDMS 24th Annual Conference, Proceedings, Las Vegas NV; 2007, October

**DuBose TJ**; Keynote Address: "Overview of The Sonographic Profession", North Carolina Ultrasound Society, Myrtle Beach, South Carolina, April 1, 2006.

**DuBose TJ**; "Contemporary Obstetrical Sonography", North Carolina Ultrasound Society, Myrtle Beach, South Carolina, April 1, 2006.

**DuBose TJ**; "Embryonic Heart Rate and Age", North Carolina Ultrasound Society, Myrtle Beach, South Carolina, April 1, 2006.

**DuBose TJ**; "Right to an Opinion"; RT Image, May 23, 2005; p. 11. Commercial Journal.

**DuBose TJ**; "Web Based Learning"; AIUM 50th Annual Conference, Proceedings; Orlando, FL, June 2005.

**DuBose TJ**; "Modern Sonography and Professional Issues"; Arkansas Society of Radiologic Technologists Conference, Hot Springs, April 22, 2005.

**DuBose TJ**; "Sonography of the Breast"; 14th Annual Breast Health/Mammography Seminar, UAMS, October 30, 2004.

Milburn, **DuBose**, Hartman; "Managing Your Program with Shrinking Finances" SDMS 2004 Annual Conference, Proceedings, New Orleans, LA ; 2004 October

**DuBose TJ**; "Embryonic Heart Rate and Age"; AIUM 49th Annual Conference, Proceedings, Phoenix, AZ ; 2004 June, p. S-13

**DuBose TJ**; "Bands and Membranes of Pregnancy"; SDMS 20th Annual Conference, Proceedings, Dallas, Texas ; 2003, October

Burlbaw J, **DuBose TJ**; "Controversies in Obstetrical Sonography"; SDMS 20th Annual Conference, Proceedings, Dallas, Texas ; 2003, October

Coon P, **DuBose TJ**, Owen C, Schroedter W, Weinburg K; "Puzzle the Pros" Panel; SDMS 20th Annual Conference, Proceedings, Dallas, Texas ; 2003, October

Kuntz K, **DuBose TJ**, Flemming; "What is Outcomes-Based Accreditation?" Panel; SDMS 20th Annual Conference, Proceedings, Dallas, Texas ; 2003, October

**DuBose TJ**, "Understanding the Confusion: Breast Screening"; 12th Annual Breast Health/Mammography Seminar UAMS, October 12, 2002

Rapp LC, **DuBose TJ**; "Breast Screening... What is going on? "The Breast of times - The worst of times. Where is breast screening headed?"; SDMS 19th Annual Conference, Proceedings, Atlanta Georgia; 2002, September

**DuBose TJ**; Obstetrical Sonography; Arkansas Society of Radiological Technologist Annual Conference, Hot Springs, Arkansas, April 20, 2002

**DuBose TJ**; Wake Forest University School of Medicine: Radiological Ultrasound Course, May, 2001: \*lectures given: \*Liver Anatomy & Pathology; \*Biliary System Anatomy & Pathology, \*Gynecologic Anatomy, \*Gynecologic Pathology, \*Pancreas Anatomy & Pathology.

K. Icke, **T. DuBose**, S. Barringer, B. Karczeski, and B. Butler, Web-Based Multidisciplinary Distance Education Course, (accepted for poster presentation) National Society of Genetic Counselors, Washington, D.C., November 4-7, 2001.

S. Barringer, K. Icke, **T. DuBose**, B. Butler, and B. Karczeski, Multidisciplinary Genetic and Prenatal Diagnosis Education Via the Internet in a Rural State, (accepted for poster presentation), American Society of Human Genetics, San Diego, California, October 12-16, 2001.

**DuBose TJ**; THREE DIMENSIONAL FETAL HEAD; SDMS 17<sup>th</sup> Annual Conference, Proceedings, Dallas Texas; 2000, September

**DuBose TJ**; Embryonic Heart Rate and Age, SDMS 17<sup>th</sup> Annual Conference, Proceedings, Dallas Texas; 2000, September

**DuBose TJ**; The Millennium Technology; FIGO 2000 September; Washington DC;  
[http://www.obgyn.net/millenniumcourse/mill\\_course2.htm](http://www.obgyn.net/millenniumcourse/mill_course2.htm)

**DuBose TJ**; CATEGORICAL COURSE: Do sonographers interpret sonograms?; AIUM 2000 -San Francisco; 2000, March

**DuBose TJ**; CATEGORICAL COURSE: ARE FETAL HEADS 3 DIMENSIONAL?; AIUM 2000 -San Francisco; 2000, March

**DuBose TJ**; THREE DIMENSIONAL FETAL HEAD; 9th World Congress of Ultrasound in Obstetrics and Gynecology; November , 1999 - Buenos Aries, Argentina

**DuBose TJ**; EMBRYONIC HEART RATE and AGE; 9th World Congress of Ultrasound in Obstetrics and Gynecology; November , 1999 - Buenos Aries, Argentina

**DuBose TJ**; TORCH/STARCH Fetal Infections; SDMS 15<sup>th</sup> Annual Conference, Proceedings, Orlando, Florida; 1998, September

**DuBose TJ**; Sonography in OB/GYN; Univ. Arkansas for Medical Sciences, College of Medicine Grand Rounds, 8 lectures of 1 hour, Fall, 1998.

**DuBose TJ**; Accessing the Information Highway: Using the Internet; SDMS 14<sup>th</sup> Annual Conference, Proceedings, p. 221-228, Nashville, Tennessee; 1997, September

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### Professional Contributions:

#### a. Development of a new or recognized techniques:

Developed and published the "Front Damping Technique" for evaluating transducer quality: **DuBose TJ**; A Simple Test of Excessive B Scanner Transducer Ring; Medical Ultrasound; 7:169-172, 1983, November.

Developed and published the first sonographic measurement of the 3D fetal cranial volume: **DuBose TJ**; Fetal Biometry: Vertical Calvarial Diameter and Calvarial Volume; J Diagnostic Medical Sonography; 1:205-217, 1985 (**Kenneth Gottesfeld Award** for published research, 1986: Journal of Diagnostic Medical Sonography; 1:205-217; 2:182). (Cited by: Goldberg BB, Kurtz AB; ATLAS OF ULTRASOUND MEASUREMENTS; Year Book Medical Publishers; p. 278, 1990)

Published the first documented sonogram of the female urethra: Hennigan W, **DuBose TJ**; Sonography of the Normal Female Urethra; Amer J of Roentgenology; 145:839-841, 1985, October. (cited by Gonzalez EL, Cosgrove DO, Joseph AE, Murch C, Naik K; The Appearances on Ultrasound of the Female Urethral Sphincter; British J of Radiology; 61:687-690, 1988, August).

First proposed and presented the use of fetal age range analysis (ARA) for the study of multiple fetal parameter's size and proportions: **DuBose TJ**, Poole E, Butschek C, Porter L, Dickey D & Hill L; Range of Multiple Fetal Parameters; J Ultrasound in Medicine; 7:S205-206, 1988, October.

Published the first sonogram of the female uterine arcuate vessels and measurement of the vessels' diameter changes throughout menses: **DuBose TJ**, Hill LW, Hennigan HW Jr., et al; Sonography of Arcuate Uterine Blood Vessels; J Ultrasound in Medicine; 4:229-233, 1985, May.

Published the first graph of the embryofetal heart rate using M-mode and performed the first linear regression to predict gestational age from the EHR: **DuBose TJ**, Cunyus JA, Johnson LF; Embryonic Heart Rate and Age; J of Diagnostic Medical Sonography; 6:151-157, 1990, May/June. see: <http://www.obgyn.net/us/cotm/0001/ehr2000B.htm>

b. Development of a nationally accepted educational aid and/or accessory:

Initiated the Ultrasound section of OBGYN.net and am serving as the first Chair of the Editorial Advisory Board (1997-Current), this included initiating a peer-review and guidance of the development process. This is the largest WWWeb site for Women's Health in the world. (See: <http://www.obgyn.net/us/us.asp> and <http://www.obgyn.net/us/panel/panel.htm>)

Conceived and initiated the History of Ultrasound Web site on OBGYN.net in collaboration with the SDMS, and coined the term "Polybiography" to describe the unique use of the Internet for historical purposes. (See: [http://www.obgyn.net/us/us.asp?page=/us/news\\_articles/ultrasound\\_history/asp-history-toc](http://www.obgyn.net/us/us.asp?page=/us/news_articles/ultrasound_history/asp-history-toc) and <http://mcel.pacificu.edu/JAHC/JAHCIV1/ARTICLES/DuBose/dubose.htm> )

c. Development of concepts or inventions contributing to the field of sonography:

Designed, programmed, and marketed the first PC software for fetal size/age analysis: **DuBose TJ**: Software and Manual;; BASIC BABY II - Obstetrical Software and Users Manual; Mind's Eye Images; Manual, 1986-2000. (See: <http://www.io.com/~dubose/bbii.html> )

d. Other contributions that are of value to colleagues and the profession.

Served on the SDMS Board and chaired the Advanced Practice Sonographer Task Force (APS). As a part of the APS development I realized that the US Department of Labor's *Occupation Outlook Handbook (OOH)* defined Sonography as a sub-set of Radiologic Technology; and I established communications with the OOH editorial staff which will result in the final separation of Sonography from Radiologic Technology in the next edition of the OOH. Chaired the first SDMS Information Technologies Committee.

Initiated and served as the Program Director for two accredited (CAAHEP/JRC-DMS) programs: Austin Community College DMS Program, 1989-1994; and University of Arkansas for Medical Sciences DMS Program, 1996-Current.