

**Michael Geary White, MD, PhD, FACC, FAAP**

Staff Pediatric Cardiologist  
Pediatric Echocardiography  
Fetal Echocardiography  
Institutional Review Board Vice Chair  
Ochsner Health System  
New Orleans, LA

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**Postgraduate Education**

Jul 1988 – Jun 1992      Baylor College of Medicine  
Houston, TX  
Pediatric Cardiology

Jul 1985 – Jun 1988      Medical College of Virginia  
Richmond, VA  
Pediatric Residency

**Education**

1981 – 1985              University of North Carolina, Chapel Hill, NC  
MD, Medicine

1976 – 1982              University of North Carolina, Chapel Hill, NC  
PhD, Cell Biology and Anatomy

1970 – 1975              North Carolina State University, Raleigh, NC  
BA, Psychology with honors

1970 – 1975              North Carolina State University, Raleigh, NC  
BS, Chemistry with honors

1970 – 1974 North Carolina State University, Raleigh, NC  
BA, Philosophy with honors

## **Employment**

Aug 2008 – Present Staff Pediatric Cardiologist  
Ochsner Clinic Foundation, New Orleans, LA

Mar 1999 – Aug 2008 Staff Pediatric Cardiologist, Director of Echocardiography  
Ochsner Clinic Foundation, New Orleans, LA

Jan 1997 – Feb 1999 Director of Electrophysiology and Noninvasive Cardiology  
Children's Hospital of New Orleans, New Orleans, LA

Jan 1995 – Feb 1999 Assistant Professor in Pediatrics  
Louisiana State University Medical Center, New Orleans, LA

Jul 1992 – Dec 1994 Assistant Professor in Pediatrics  
Penn State University Medical Center

Sep 1975 – Aug 1976 Assistant Research Technician  
University of North Carolina, Chapel Hill, NC

## **Clinical Responsibilities**

Currently, I am a Pediatric Cardiologist working in an Echocardiography laboratory with over 3,000 studies a year including transthoracic and transesophageal studies (intraoperative and elective). We also provide telemedicine echocardiography services for nurseries at numerous sites in Louisiana. I also serve as a consultant for perinatal services and perform fetal cardiac studies for the Ochsner Clinic Foundation Perinatal Program, as well as consultation for patients referred from other institutions. As part of our perinatal program, we have developed a fetal surgery service for in utero repair of myelomeningocele, and I provide fetal monitoring during these procedures. I also direct the Adult Congenital Cardiac Disease Echocardiography Services, which is also a rapidly growing clinic.

My other clinical duties include outpatient and inpatient care for Pediatric Cardiology at the Ochsner Clinic Foundation and at clinics in surrounding communities.

## **Society Memberships**

Fellow of the American College of Cardiology  
Fellow American Academy of Pediatrics

## Licensure

Louisiana License #11109R  
Mississippi License #24647  
Virginia License #0101041409 (Inactive)  
Pennsylvania License #MD-047144-L (Inactive)

## Certification

Sep 2010 Council for Certification of IRB Professionals  
CIP Certificate #2101889 (Recertification 2014, 2016)

1994 Sub Board in Pediatric Cardiology  
(Recertified 2002 – 2008, 2009, MOC – 2015, recertification due 2018)

1991 American Board of Pediatrics (Recertified 1999 – 2005)

## Research Experience

1988 – 1991 Pediatric Cardiology fellowship at Baylor College of Medicine with research in the Cardiovascular Pathology Laboratory at Texas Heart Institute. Studies were directed at understanding the relationship between surgical scarring and ventricular arrhythmia. These studies included pathological evaluation of human tissue and morphological evaluation of a canine model of tetralogy of Fallot. Standard light microscopy, electron microscopy and immunocytochemical evaluation of the extracellular matrix, autonomic innervation and gap junctions during scarring were utilized. A technique for computer-assisted 3-dimensional reconstruction of serial sections was also explored to further define the arrangement of the scar tissue and development of possible reentrant pathways (Dr. Hugh A. McAllister, Jr. and Dr. Arthur Garson, Jr.).

1978 – 1982 Graduate student in the Department of Anatomy and Cell Biology at the University of North Carolina at Chapel Hill. Studies included the ultrastructural characterization and evaluation of morphological changes induced by cAMP in Sertoli cells and epididymal epithelial cells in culture utilizing scanning and transmission electron microscopy, time-lapse cinematography, autoradiography, and immunocytochemistry (Dr. A. L. Kierszenbaum).

1976 – 1978 Graduate student in the Department of Anatomy and Cell Biology at the University of North Carolina at Chapel Hill. Studies investigated the structure of collagen and myelin using x-ray diffraction techniques (Dr. Richard Bear).

- 1975 – 1976      Research technician in the Department of Anatomy and Cell Biology at the University of North Carolina at Chapel Hill. Designed, built and maintained conventional and computerized x-ray diffraction equipment (Dr. Richard Bear).
- 1975                Senior research assistant in the Department of Psychology at North Carolina State University. Studies explored the structure-function relationship between neurotransmitters and psychoactive drugs which mimic their behavior (Dr. Jon Bordner).
- 1974 – 1975      Part-time research assistant in the Department of Chemistry at North Carolina State University. Duties included organic synthesis and x-ray crystallography (Dr. Jon Bordner).
- 1972 – 1973      Part-time research assistant at the Foundation for Research on the Nature of Man. Studies included experiments and statistical analysis of data exploring the possibility of parapsychological phenomenon.

### **Teaching Experience/Academic Appointments**

- 2008 – Present      Clinical Faculty in Pediatric Cardiology  
Tulane University School of Medicine, New Orleans, LA
- Nov 2016 – Dec 2019      Associate Professor  
The University of Queensland, Brisbane, Australia
- Apr 2014 – Nov 2016      Associate Professor  
The University of Queensland, Brisbane, Australia
- Jan 2014                Senior Lecturer  
The University of Queensland, Brisbane, Australia
- 1995 – 1999              Assistant Professor of Pediatric Cardiology  
Louisiana State University
- 1992 – 1994              Assistant Professor of Pediatric Cardiology  
Penn State University School of Medicine
- 1980 – 1981              Graduate Teaching Assistantship: Instructor in Neuroanatomy (Spring)  
University of North Carolina, Chapel Hill, NC
- 1979 – 1980              Graduate Teaching Assistantship: Instructor in Histology (Fall)  
University of North Carolina, Chapel Hill, NC

## Academic Responsibilities

I participate in the training of medical students from the Tulane Medical School and The University of Queensland/Ochsner Clinical School, Pediatric residents from the joint Tulane/Ochsner Pediatric Residency Program as well as other resident and allied health programs at the Ochsner Clinic Foundation, including a 1-semester course for echocardiography of congenital heart disease for Louisiana State University Health Sciences Cardiopulmonary undergraduate program. I serve as a member of the Clinical Education Committee for the Ochsner Clinical School. I am chair of the medical staff Bioethics Education Subcommittee for ethics education and Vice Chair of the Institutional Review Board for the Ochsner Clinic Foundation and Chair for 1 of our 3 Institutional Review Board panels. I provide an ethics lecture each year as part of our introduction to Ochsner Clinical School for incoming third year students and lead an evening ethics discussion during each of our Pediatric Rotations as well as participate as an examiner for the Pediatric OSCE at the completion of these rotations. I also maintain a website for students to report any ethical issues that they may encounter during their experience here at Ochsner and attempt to resolve any issues that may be reported.

## Publications

**White M.** Bioethics in practice: a quarterly column about medical ethics - can children participate in research? *Ochsner J.* 2012 Fall;12(3):188-90.

**White M.** The end at the beginning. *Ochsner J.* 2011 Winter;11(4):309-16.

Tobon MT, **White MG**, Young TW, Snyder CS. A case of tricuspid atresia with normally related great vessels and coarctation of the aorta. *Congenit Heart Dis.* 2011 Jul-Aug;6(4):402-4. doi: 10.1111/j.1747-0803.2011.00533.x. Epub 2011 Jun 27.

Caspi J, Zalstein E, Zucker N, Applebaum A, Harrison LH Jr, Munfakh NA, Heck HA Jr, Ferguson TB Jr, Stopa A, **White M**, Fontenot EE. Surgical management of tetralogy of Fallot in the first year of life. *Ann Thorac Surg.* 1999 Oct;68(4):1344-8; discussion 1348-9.

Weber HS, Cyran SE, Gleason MM, **White MG**, Baylen BG: Transcatheter vascular occlusion of the small patent ductus arteriosus: an alternative method. *Pediatr Cardiol.* 1996 May-Jun;17(3):181-3.

Gleason MM, **White MG**, Myers JL: Echocardiographic diagnosis of pulmonary embolism in childhood. *J Am Soc Echocardiogr.* 1995 Jan-Feb;8(1):100-2.

Weldner PW, Myers JL, Gleason MM, Cyran SE, Weber HS, **White MG**, Baylen BG. The Norwood operation and subsequent Fontan operation in infants with complex congenital heart disease. *J Thorac Cardiovasc Surg.* 1995 Apr;109(4):654-62.

Weber HS, Cyran SE, Gleason MM, **White MG**, Baylen BG. Critical pulmonary valve stenosis in the neonate: a technique to facilitate balloon dilation. *Am J Cardiol.* 1994 Feb 1;73(4):310-

2.

Kierszenbaum AL, Spruill WA, **White MG**, Tres LL, Perkins JP. Rat Sertoli cells acquire a beta-adrenergic response during primary culture. *Proc Natl Acad Sci U S A*. 1985 Apr;82(7):2049-53.

**White MG**. "Structural Aspects of Sertoli Cells and Epididymal epithelial Cells in Primary Culture," Dissertation, University of North Carolina at Chapel Hill, 1982.

**White MG**, Huang YS, Tres LL, Kierszenbaum AL. Structural and functional aspects of cultured epididymal epithelial cells isolated from pubertal rats. *J Reprod Fertil*. 1982 Nov;66(2):475-84.

Spruill WA, **White MG**, Steiner AL, Tres LL, Kierszenbaum AL. Temporal sequence of cell shape changes in cultured rat sertoli cells after experimental elevation of intracellular cAMP. *Exp Cell Res*. 1981 Jan;131(1):131-48.

### Abstracts

Blackburn JH, **White MG**, Houghton PE, Cilley RE, Dillon PW, Krummel TM. Fetal rabbit myocardium heals without scar formation. *Mol. Biol. Cell*, 4 (Supplement), p. 69a, 1993 (Poster Session at American Society for Cell Biology Meetings).

**White MG**, McAllister HA Jr, Clubb FJ Jr, Denfield SW, Kearney DJ, Garson A Jr. Histological substrate for arrhythmia after right ventricular outflow tract repair. *J Am Coll Cardiol*, 17(2) Supplement A, p. 209A, 1991 (Poster for American College of Cardiology).

**White MG**, Spruill WA, Tres LL, Kierszenbaum AL. Time-lapse cinematographic studies of the induction and recovery of cell shape changes of cultured rat sertoli cells. *JCB*, 87(2), p.148a, 1980 (Session at American Society for Cell Biology Meetings).

**White MG**, Tres LL, Kierszenbaum AL. The structural characterization of rat epididymal epithelial cells in culture. *SEEMS*, 3 (5), p. 21, 1980 (Platform presentation for the Southeastern Electron Microscopy Society).

**White MG**, Tres LL, Kierszenbaum AL. Electron microscopic study of rat primary sertoli and epididymal epithelial cell cultures. *Anat. Rec.*, 193 (3), p. 719, 1979 (Poster session for the American Association of Anatomy).

### Continuing Education

Sep 12 –13, 2016                      Pediatric Clinical Investigator Training Workshop, FDA

Jul 22 – 23, 2005                      First Annual Pediatric Bioethics Conference  
Seattle Children's Hospital

Jun 3 – 8, 2003	The Intensive Bioethics Course XXIX Kennedy Institute of Ethics
Jun 7, 2002	CITI Human Research Training Course University of Miami Internet Education Program
Apr 8 – 10, 2002	Advanced Pediatric Cardiac Ultrasound The Heart House Learning Center
Feb 25 – 29, 1996	Children's National Medical Center ECMO Symposium Keystone, CO
Mar 23 – 26, 1995	Conference on the Molecular, Cellular and Functional Aspects of Cardiovascular Development, American Heart Association
Aug 9 – Sep 6, 1993	Electrophysiology and Radiofrequency Ablation, Paul Gillete, MD Medical University of South Carolina
Feb 1 – 3, 1993	Advanced Clinical Electrophysiology The Heart House Learning Center
Jan 14 – 16, 1993	Pediatric Arrhythmia Electrophysiology and Pacing The Heart House Learning Center

### **Committees and Appointments**

2013 – Present	Imaging Society of Louisiana, Board of Directors
2014 –Present	Clinical Education Committee, Ochsner UQ Clinical School
Jan 2012 – 2014	The Institute of Medicine, Education and Spirituality at Ochsner, Executive Committee, Ochsner Health System
Aug 2011 – Present	Institutional Review Board, Chairman Panel C Ochsner Clinic Foundation
2010 – Present	Bioethics Executive Committee for Ochsner Health System
2008 – Present	Sedation Subcommittee, Ochsner Medical Center
Jan 2007 – Present	Bioethics Education Subcommittee Chair for Ochsner Clinic Foundation
2006 – Present	Editorial Board " <i>Congenital Heart Disease</i> "
Jun 2002 – Present	Institutional Review Board, Ochsner Clinic Foundation, Vice Chair

Feb 2002 – Present	Hospital Ethics Committee, Ochsner Clinic Foundation
Dec 1999 – Present	Pharmacy and Therapeutics Committee, Ochsner Clinic Foundation
Jul 2013 – Jun 2017	FDA Pediatric Advisory Committee
Feb 2009 – Feb 2013	Appointment as Consultant to FDA, Circulatory System Devices Committee, Medical Devices Advisory Committee and Center for Devices and Radiological Health
Sep 10 – 11, 2012	Consultant to FDA, Pediatric Advisory Committee
May 7 – 8, 2012	Consultant to FDA, Pediatric Advisory Committee
Jan 30 – 31, 2012	Consultant to FDA, Pediatric Advisory Committee
Sep 22 – 23, 2011	Consultant to FDA, Pediatric Advisory Committee
Jul 21, 2011	Consultant to FDA, Circulatory Systems Devices Panel Meeting, Review of the Berlin Heart Pediatric Left Ventricular Assist Device-Humanitarian Use Device
Jul 22, 2009	Consultant to FDA, Circulatory Systems Devices Panel Meeting, Review of the Melody Pulmonary Valve-Humanitarian Use Device
Jul 2005 – Jan 2007	Bioethics Resource Committee for Ochsner Clinic Foundation, Chair
2009 – 2010	Executive Committee, Greater New Orleans Pediatric Society
2008 – 2009	President, Greater New Orleans Pediatric Society
2006 – 2008	Vice President, Greater New Orleans Pediatric Society
2005 – 2006	Treasurer, Greater New Orleans Pediatric Society
2004 – 2005	Secretary, Greater New Orleans Pediatric Society
Jun 1995 – Feb 1999	Louisiana State University Medical School – New Orleans, Faculty Development Committee
Jun 1995 – Feb 1999	Louisiana State University Medical School – New Orleans, Curriculum Subcommittee for development of Ethics Curriculum



Jun 1995 – Feb 1999	Louisiana State University Medical School – New Orleans, Curriculum Implementation Committee
1995 – 1999	Pediatric Residency Committee, Louisiana State University Medical School – New Orleans
1995	Cardiovascular Center Poster Day Committee, Louisiana State University Medical School – New Orleans
Jun 1994	Consultant, Clinical Trials Review Committee, National Heart, Lung, and Blood Institute

### **Invited Lectures**

“The MOMS Trial – Research Done Right,” Pediatric Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, February 23, 2017.

“The MOMS Trial – Research Done Right,” Indo-US CME Symposium, Manipal University, Manipal, India, January 22, 2017.

“The MOMS Trial – Research Done Right,” PEDICON, Indian Academy of Pediatrics, Bengaluru, India, January 19, 2017.

“Case Presentation Complex Congenital Heart Disease,” Imaging Society of Louisiana/Louisiana ACC, November 19, 2016.

“Labeling Drugs for Children,” Pediatric Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, May 10, 2016.

“Mechanical Circulatory Support for Children,” Pediatric Cardiovascular Section – Meet the Experts session, PEDICON, Indian Academy of Pediatrics, Delhi, India, January 23, 2015.

“Management of Patent Foramen Ovale,” PEDICON, Indian Academy of Pediatrics, Delhi, India, January 22, 2015.

Guest Faculty for 52<sup>nd</sup> Annual Conference of the Indian Academy of Pediatrics – PEDICON 2015, Delhi, India, January 22 – 25, 2015.

“Antenatal Diagnosis of Congenital Heart Malformations,” Medical College of Kottayam, Kerala University of Health Sciences, Thrissur, Kerala, India, January 20, 2015.

“Antenatal Diagnosis of Congenital Heart Malformations,” Indian Academy of Medicine, January 19, 2015.

“Antenatal Diagnosis of Congenital Heart Malformations,” Pediatric Symposium, St. John’s University, Bengaluru, India, January 17, 2015.

“Children in Research” and panel discussion of case presentations, Indo-US Seminar of Ethical Dilemmas in Pediatric Practice and Research, Manipal Unit of the UNESCO Chair in Bioethics, Manipal University, Manipal, India, January 15, 2015.

“Antenatal Diagnosis of Congenital Heart Malformations,” Indo-US CME Symposium, Manipal University, Manipal, India, January 14, 2015.

“Ethics in Research,” Responsible Conduct in Research, Ochsner Clinic Foundation, New Orleans, LA, October 14, 2014.

“Alphabet Soup: Pediatric Tour of The FDA,” Pediatric Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, February 6, 2014.

“Children in Research,” Pediatric Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, March 29, 2012.

“The Ethics of Non-intervention and Hypoplastic Left Heart,” Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, January 27, 2011.

“Baby Deaux,” Pediatric Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, December 2, 2010.

“Bioethics and Funding of Health Care,” Medical Ethics Course, Loyola University of New Orleans, New Orleans, LA, March 15, 2010.

“Pediatric Bioethics – A Review and Two Cases,” Pediatric Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, January 15, 2010.

“Pediatric Assent,” Association of Clinical Research Professionals, Ochsner Clinic Foundation, New Orleans, LA, September 29, 2009.

“Ethics Research – A Cautionary Tale,” Responsible Conduct in Research Lectures, Ochsner Clinic Foundation, New Orleans, LA, July 14, 2009.

“CFR SubPart B – Regulations for Children in Research,” IRB Quarterly Education Meeting, March 25, 2009.

“Vulnerability,” Semiannual IRB Training Session, Ochsner Clinic Foundation, New Orleans, LA, March 29, 2005.

“History of Children in Research,” Medical Ethics Course, Loyola University of New Orleans, New Orleans, LA, January 2005.

“History of Children in Research,” Grand Rounds Forest General Hospital, Hattiesburg, MS, January 2005.

"History of Children in Research," Pediatric Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, December 9, 2004.

"Pediatric Arrhythmias," RCP Foundation, New Orleans, LA, October 24, 2003.

"Bioethics," Pediatric Grand Rounds, Ochsner Clinic Foundation, New Orleans, LA, January 16, 2003.

"Congenital Heart Disease in the Adult," Louisiana State University Medical Center Institute for Professional Education, New Orleans Cardiology Board Review Course, New Orleans, LA, August 1999, 2000, and 2001.

"Hearts for Dentists," Louisiana State University School of Dentistry, New Orleans, LA, November 14, 1998.

"Wow, That's Fast," Northshore Regional Medical Center, Slidell, LA, May 5, 1998.

"Complications of Congenital Heart Disease Surgery: Late Arrhythmias," Cardiology Grand Rounds, Louisiana State University Medical Center, New Orleans, LA, July 18, 1997.

"Pediatric Arrhythmia," North Shore Regional Medical Center, Slidell, LA, August 27, 1997.

"Review of Neonatal Heart Disease," Nursing Education at Meadowcrest Medical Center, New Orleans, LA, July 21, 1997.

"Pediatric Heart Disease," Masters in Nursing Program, LSU Medical Center, New Orleans, LA, October 16, 1996.

"Review of Neonatal Heart Disease," Nursing Education at Memorial Medical Center, New Orleans, LA, April 24 & May 1, 1996.

"Supraventricular Tachycardia," Grand Rounds, Earl K. Long Medical Center, Baton Rouge, LA, October 26, 1995.

"EKG Interpretation," Louisiana State University Medical Center Institute for Professional Education, New Orleans Pediatric Board Review Course, New Orleans, LA, August 2002, 2003, 2004, 2006, 2007, 2008, 2009, and 2010.

"Acquired Heart Disease," Louisiana State University Medical Center Institute for Professional Education, New Orleans Pediatric Board Review Course, New Orleans, LA, August 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2006, 2007, 2008, 2009, and 2010.

"Kawasaki's Disease," Grand Rounds at York Hospital, York, PA, January 20, 1994.

"Wow, That's Fast!" Grand Rounds at Hershey Medical Center, Penn State Medical School, Hershey, PA, June 2, 1993.

## **Special Presentations and Conferences**

“Sixth Annual Ochsner Clinical Ethics Symposium,” Case presentation, May 2016.

“Fifth Annual Ochsner Clinical Ethics Symposium,” Case presentation, May 2015.

“Fourth Annual Ochsner Clinical Ethics Symposium,” Case presentation, May 2014.

“Third Annual Ochsner Clinical Ethics Symposium,” Case presentation, May 2013.

“Second Annual Ochsner Clinical Ethics Symposium,” Medical and Program Director, May 2012.

“First Annual Ochsner Clinical Ethics Symposium,” Medical and Program Director, May 2011.

"Rhythm Disturbances in Children," ***Health Call*** television show with Jerry Romig, New Orleans Public Television, February 22, 1996.