

Curriculum Vitae

November 2008

Jill V. Hunter M.B. B. S., M.R.C.P (U.K.), F.R.C.R.

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Education: 1970-75 St. Bartholomew's Hospital Medical College,
London University, London, England

Postgraduate Training and Fellowship Appointments:

1976 Intern in Medicine and Surgery, Whipps Cross Hospital
St. Bartholomew's Hospital Rotation, London University,
London, England

1977-1978 Internal Medicine Residency, King's College
Hospital and Whittington Hospital,
London University, London, England

1978-1981 Internal Medicine Fellow, Brompton Hospital,
King's College Hospital and St. George's Hospital,
London University, London, England

1981-1982 Neurology and Research Fellow, Atkinson
Morley's Hospital & Brompton Hospital,
London University, London, England

1982-1985 Radiology Residency, St. Thomas' Hospital,
London University, London, England

- 1985-1988 General Radiology Fellow, Guy's Hospital, London University, London, England
- 1988-1992 Neuroradiology Fellow, National Hospital for Neurology and Neurosurgery, Queen Square, London, England
- May- July 1990 Postdoctoral Research Fellow and Visiting Interventional Neuroradiologist, Department Neurovascular Radiology, Bicetre Hospital, Paris Sud Universitaire & the Rothschild Ophthalmic Foundation, Paris, France
- August 1991 Postdoctoral Research Fellow, Departments of Neurovascular Radiology, University of California at San Francisco and Los Angeles, California

Military Service: N/A

Faculty Appointments:

- 1992-1993 Instructor in Radiology, Harvard University, Boston, MA
- 1993-1999 Assistant Professor of Radiology, University of Pennsylvania School of Medicine, Philadelphia, PA
- 2000-2001 Associate Professor of Radiology, University of Pennsylvania School of Medicine, Philadelphia, PA
- July 2001- Dec 2007 Associate Professor of Radiology, Baylor Medical College, Houston, Texas.
- Jan 2008- Professor of Radiology, Baylor College of Medicine, Houston, TX.

Hospital and Administrative Appointments:

- 1992-1993 Staff Neuroradiologist, Massachusetts General Hospital, Boston, MA, USA
- 1993- Pediatric Neuroradiologist, Children's Hospital of Philadelphia, PA

- 1995-2001 Neuroradiologist for Pediatric Regional Epilepsy Program, PA.
- 7/2001- Section Head, Pediatric Neuroradiology, Texas Children's Hospital, Houston, Texas.
- 2001- Member of the Texas Children's Center for Fetal Surgery
- 2004- Vice-chair for Research, E.B. Singleton Dept. of Diagnostic Imaging, Texas Children's Hospital, Houston, TX.
- 2004- Research Integrity Officer, Dept. of Diagnostic Imaging, TCH

Specialty Certification:

- 1975 ECFMG, certificate number 245-868-5, USA
- 1978 MRCP Royal College of Physicians, London, England
- 1986 FRCR Royal College of Radiologists, London, England
- 1992 FLEX
- 1997 American Board of Radiology
- 1998 CAQ in Neuroradiology

Licensure:

Pennsylvania and Massachusetts and Texas

Awards and Honors:

- 1974 Student Externship, Children's Hospital, Vancouver, BC, Canada.
- 1984 Merck Traveling Scholarship
- 1984/5 Research grant awarded by the Special Trustees of St. Thomas' Hospital and Medical School.
- 1989 First prize, European Neuroradiology training course
- 1990 Finzi Lecture finalist, Royal Society of Medicine
- 1991 Cook Bursary
- 1993 Prize from the Epilepsy Association of Massachusetts
- 1993 Prize from the National Association of Long Distance Learning for public broadcast in association with minorities faculty at Harvard
- 1995 Best exhibit in Inforad, Roentgen Centenary Congress, Birmingham, UK, 12-16 June 1995.
- 1997 Blue Ribbon Award for poster at SPR, St. Louis
- 1999 Norman Leeds Prize for Best Paper, Eastern Neuroradiology Society, Montreal
- 2000 Scholarship to attend Bryn Mawr Summer Institute for Women in Higher Education. Awarded by U. Penn..
- 2001 Scholarship to attend fMRI informatics course at Dartmouth-Hitchcock, NH.

2002 fMRI workshop scholarship, UCLA
 2002 Scholarship to attend fMRI workshop, D-H, Lebanon, NH.
 2003 Yellow ribbon of Merit, Scientific exhibit, RSNA, Chicago.
 2004 Mike Hogg Foundation Award, (\$19,694).
 2004- Co-Investigator, Child Grant, NIH RO1, (PI HS Levin PhD). July 1 2004-9, \$4.27 million.
 2006 Supplement to ROI NIH for fMRI. Co-investigator.
 2007 Certificate of Merit LL-PD2591: Spectrum of Intracranial Arteriopathies in Children. Presented 93rd RSNA, Chicago, November 25-30th, 2007.

Memberships in Professional and Scientific Societies:

International Societies:

1990- Senior member World Federation Interventional Therapeutic
 Neuroradiology
 1996- International Society of Pediatric Radiology

National Societies:

1980- Fellow of the Royal Society of Medicine
 1985- Sesamoids Radiology Club
 1987- Royal College of Radiology, Chest Radiology Group
 1989- European Society of Neuroradiology
 1989- British Society of Neuroradiology
 1990- Radiological Society of North America
 1991- UK Interventional Neuroradiology Group
 1991- Society for Magnetic Resonance in Medicine
 1991- American Society of Neuroradiology
 1993- American Society of Pediatric Neuroradiology
 Program/Education Committee, 1999-2002
 1995- American Society of Pediatric Radiology
 1997 - Society for Health Services Research
 2001- Member of American Spine Society
 2002- Senior Member Western Neuroradiological Society

Regional Societies:

1992-2001 Eastern Neuroradiological Society:
 Member, Scientific Committee, 1995
 Secretary, 1995-96
 President-elect and Scientific Program Chair, 1996-97
 President Eastern Neuroradiological Society, 1997

National Scientific Committees:

1988-1992 Audit in Medicine, National Hospital for Neurology and
 Neurosurgery, London, England

1989-1992	Radiation Safety Committee, National Hospital for Neurology and Neurosurgery, London, England
1994	Summarizer, ASNR May '94, Nashville, Tennessee
1995	National Institutes of Health Reviewer for Pediatric FMRI; Site visit Bowman-Gray
1995	Reviewer for Spinal Cord Research Foundation, Paralyzed Veterans of America
1999-	Member educational board of ASPNR
2001	Reviewer for reverse site visit of a program project NIH, DC.
2001-3	Elected Member of the executive committee ASPNR
2000-	Member scientific exhibits committee, ASNR
2001-	Member Annual Program Committee ASNR
2002-	Reviewer for NIC: PBTC imaging PI site
2003-	Reviewer for Neurology
2003-4	Member Ad Hoc awards committee ASSR
2003	Member scientific exhibits committee RSNA
2004	Member Scientific Exhibits Committee ASNR
2004	Moderator ASNR, Seattle, June 2004
2003-	Sub PI PBTC site at Baylor, TCH
2004-5	Treasurer ASPNR
2004-	Grant reviewer American Heart Association
2005-6	Secretary ASPNR
2006-7	President-elect ASPNR
2006-8	Member committee for evidence based medicine, ASNR
2007-2008	President ASPNR
2007-2008	Member executive committee ASNR
2007-2008	Member education committee ASNR

Local Scientific Committees:

1997	Member of Pennsylvania State ad hoc committee on Neuroradiology
1999-2000	Member steering committee for Language and Communications Center, CHOP
April 2003-	IRB committee member Baylor
October 2003-	Member of IS research committee at TCH
Nov 2003	CHRC grant review Committee member
March 2004	CHRC grant review committee member

Editorial Positions:

1981-5	Subeditor for "Drugs and Therapeutics Bulletin"
1993-present	Reviewer for Neuroradiology
1994-present	Reviewer for AJNR
1994-	Reviewer for JNNP and guest editor
1995-present	Current Opinion in Neurology and Neurosurgery
1996	Reviewer for Current Opinion in Neurology Yearbook

1996-present	Reviewer for Thieme publishers
1996	Reviewer for Radiographics, RSNA '96
1998-	Reviewer for Child Neurology
1999-	Medical & Pediatric Oncology
2000-	Reviewer for Radiology
2001-	Reviewer for Stroke and guest editor
2001-	Member of inaugural editorial board of "Radiology & Imaging Letter", published by Lipincott, Philadelphia.
2002	Reviewer for JCAT
May 2003	Invited grant reviewer for Thrasher foundation, Utah.
July 2003	Reviewer for Neurology
October 2003	Ad hoc reviewer for Archives Diseases of Children
November 2003	Reviewer for ASNR eCME webcast lectures
2004	Reviewer for Oncology
2005 -	Ad Hoc reviewer for Annals of Neurology
2005-	Invited reviewer for American Journal of Hematology
June 2005	Invited reviewer for Pediatrics
July 2005	Invited reviewer for American Journal of Hematology
July 2005	Invited reviewer for Journal of Neurotrauma
December 2005	Scientific abstract reviewer ISMRM
December 2005	Abstract reviewer for ASNR, San Diego, 2006.
March 2006	Reviewer for program project on pediatric neuroimaging, NIH.
April 2006	Reviewer for Clinical Genetics
May 2006	External reviewer for MRC grant (UK)
May 2006	Moderator, International Pediatric Radiology meeting, Montreal, Canada.
October 2006	External reviewer NIH PPG
November 2006	Reviewer for Pediatric Research
December 2006	Reviewer for Journal of Pediatric Neurology
March 2007	External reviewer NIH PPG
May 2007	Reviewer for MRC grant (UK).
August 2007	Invited reviewer for Neurology
August 2007	Reviewer Journal of neuroimaging

Local committees Baylor and TCH

July 2001-	Sedation committee, TCH, Houston, Tx
February 2002-	MRI re-engineering performance improvement project, committee member
September 2002-	Member of scheduling sub-committee TCH
March 2003	TCH Radiology representative IRB, Baylor
January 2003-	Chair Radiology Research Committee
April 2003-	Member IRB at Baylor
April 2003-	Manager of Clinical Operations – Supervisor of PNPs DI, TCH
April 2003-	Opening of DI post-processing laboratory, 8 th floor Feigin Center
November 2003	Member CHRC steering committee-Grant reviewer

November 2003-	Member IS research committee TCH
April 2004-	Member Texas center for Fetal Surgery
July 2004-	Member of the Oversight Committee at TCH
July 2005-	Member Steering Committee for TMSS project and MS Center at TCH
December 2005-	Member of Sedation Committee at TCH

Grant Awards:

M.D. Research Grant award by the Special Trustees of St. Thomas' Hospital and Medical School, 1984 (\$30,000)

Renewal of M.D. Research Grant awarded by the Special Trustees of St. Thomas' Hospital and Medical School, 1985 (\$30,000)

Merck Bursary to attend RSNA, 1986 (\$1,000)

Cook International Fellowship to take part, by invitation, in the clinical and research programme at the Bicetre Hospital and Rothschild Ophthalmic Foundation, Paris, France, 1990 (\$2,000)

Cook Traveling Fellowship to take part in the clinical and research activities at the University of California at San Francisco and Los Angeles, 1991 (\$2,000)

Funding from Sterling Co., to investigate lymphatic drainage of the mammalian brain using nano-particulate contrast agents, co-PI, CIPR, Massachusetts General Hospital East, 1993.

Ethel B. Foerderer Fund fellow for "Phosphorus 31 MRS with proton decoupling and the nuclear Overhauser effect," Clinical investigator, Children's Hospital of Philadelphia, 1994-1995.

Children's Hospital of Philadelphia Nutrition Center Pilot Project Program Grant for "Magnetic Resonance Spectroscopy in the Ketogenic Diet," Co-principal Investigator, 1995-1996 (\$5,000)

Ethel B. Foerderer Fund for "Use of Transcranial Doppler in Pediatric Stroke Population," Principal Investigator, 1998-2000 (\$80,000)

NIH Grant to study "Trauma to the Developing Brain," Co-investigator, 1998-2001 (\$500,000)

NIH Grant to study "Effects of Radiotherapy on Brain Function in Adults," Co-investigator, 1998-2003 (\$350,000)

NIH Grant to study "Effects of Ketogenic Diet on Seizures, Nutrition, Growth, EEG & CNS GABA," Consultant, 2000-

Seed money U Penn, Investigation of cerebral hemodynamics following corrective cardiac surgery. Co-investigator, 2001.

Stipend to attend Dartmouth Hitchcock fMRI informatics course, July 7-10, 2001.

22Q deletion MR spectroscopy and fMRI. Consultant.

Sub PI Optimark investigation of new gadolinium chelate., (Malinckrodt, St Louis), 2002-

Invitation to sit on neuroscience study section, NIH

Co-PI 1H 2D Brain MRS with Z.Wang PhD 2001-4, \$150,000

Co-investigator “Neurobehavioral outcome of head injury in children”, RO1, NIH, PI Harvey Levin PhD, 1998-2003.

Co-investigator project on closed brain injury in children, competitive renewal RO1,(Dr Harvey Levin PhD overall PI). 2004-9. \$4,000,000..

Co-investigator with Dr Linda Ewing-Cobbs, (PI), RO1 “Accidental and non-accidental brain injury in children”, 2003-8.

Sub-PI neuroimaging core PBTC at Baylor

PI “Diffusion Tensor Imaging of Autism in Children” Mike Hogg Fund Award \$19,096. 1/1/04-6/1/05..

Petrello Family Foundation gift of \$25,000 for 3D imaging of quantitative brain data and software to integrate data from MRI, EEG and spectroscopy.

Participant NIH funded multicenter SIT study for screening of silent stroke in sickle cell disease 2004. Don Mahoney/Gladstone Airewale PI.

Co-Investigator Neurological Monitoring and short and long-term neurodevelopmental outcomes in newborns undergoing cardiac surgery with cardiopulmonary bypass. PI Dean B. Andropoulos, M.D. July 2005.

Co-investigator NIH supplement to Child Grant for fMRI at 3T January 2006

Consultant NIH funded review of pediatric vasculopathy. Re-submission June 2006.

Co-investigator NIH R21 EPO therapy in cardiovascular babies. PI Dean Andropoulis MD.

P.I. Imaging core program project with U. Penn (overall PI Doug Smith M.D.) To investigate the mechanism of mild to moderate TBI in a young adult population. Funding approved March 2008.

D.O.D. grant funded March 2008 To investigate blast injury in returning soldiers from Iraq.

Major Research Interests:

1. Measurement of blood flow and perfusion, pediatric stroke.
2. Functional MRI of the brain and neurodevelopment
3. 3D imaging
4. The natural history of disease and outcomes research
5. Neuroimmunology and genetics
6. MR spectroscopy and metabolic disorders
7. Traumatic brain injury

Lectures by invitation:

June 1984	"Transplant kidneys with consideration of the assessment of flow" St. Thomas' Hospital, London
July 1984	"Digital subtraction angiography and the investigation of the diabetic kidney" - King's College Hospital, London
September 1984	"Intravenous digital subtraction angiography: a non-invasive method of investigating the renal transplant" - The Royal Free Hospital, London
November 1984	"Digital subtraction angiography and the kidney" - Royal Victoria Infirmary, Newcastle.
February 1985	"Functional imaging of the kidney using digital subtraction angiography" - Institute of Urology, London
March 1985	"Renal transplant digital subtraction angiography: an update" Royal Free Hospital, London
December 1985	"Digital subtraction angiography in the kidney" - Institute of Urology (Uroradiology weekend)
January 1986	"An overview of renal digital subtraction angiography" -

Guy's Hospital, London

- July 1987 "Digital subtraction angiography in the assessment of visceral blood flow. Blood flow measurement techniques" – University of Leeds
- July 1987 "Renal blood flow: a review" - Blood Flow '87, University of Leeds
- May 1992 "Infections of the CNS" - Neuroradiology Minicourse, Radiology, Massachusetts General Hospital
- September 1992 "Spine MRI" - Harvard Medical School Postgraduate Course in Neuroradiology, Head and Neck and Neuro MRI
- March 1993 "Comprehensive review and update in Neurology/Neuroradiology"- The McLean Hospital Department of Postgraduate and Continuing Medical Education
- March 1993 Consultant Neuroradiologist to Biomedical Science Careers Project. - Funded by a grant from Medical Education. Harvard Medical School, Minority Faculty Development Program.
- April 1993 "Congenital anomalies in neuroradiology" - First Harvard Annual Radiology Residents' Review Course, Hyatt Hotel, Cambridge, MA
- April 1993 "Infection of the CNS" - First Annual Radiology Residents' Review Course
- April 1993 "Aneurysms, hemorrhage and AVMs" - First Annual Radiology Residents' Review Course
- September 1993 "Head trauma" - Mini-course in Emergency Medicine, Massachusetts General Hospital
- September 1993 "Inflammatory CNS disease in adults" - Harvard postgraduate course on basic and current concepts in Neuroradiology
- April 1994 "Neurologic infections and inflammation" - Pediatric Radiology Course, Children's Hospital of Philadelphia
- April 1994 "Neck masses in children" - Pediatric Radiology Course, Children's Hospital of Philadelphia
- June 1995 "InfoRad exhibit on 3D holography" Invited paper.

Hunter JV, Schulz RA, Geil GE, Wolfe AM, Hart SJ. RCC, Birmingham, UK

- Jan 30, 1996 “Pediatric fMRI” - Radiology Grand Rounds, HUP
- Feb 15, 1996 “Infection and inflammation in pediatric neonates” - Neurology Grand Rounds, Pennsylvania Hospital, Philadelphia, PA
- Feb 22, 1996 “fMRI” – Educational Testing Service, Princeton
- Mar 21-22, 1996 Workshop on kernicterus. Pennsylvania Hospital, Phila., PA
- May 31, 1996 “Neuroimaging in Epilepsy” - “Pediatric Epilepsy - What, When, How to Treat?” Rittenhouse Hotel, Philadelphia
- Sept 1996 “Brain infection” - Pediatric Radiology, Basic Concepts and Modern Imaging, Philadelphia.
- Sept 1996 “Pediatric fMRI” - Pediatric Radiology Course, Children’s Hospital of Philadelphia
- Oct 3-5, 1996 “Medical imaging techniques in lymphatic drainage of the brain” Symposium on Lymphology, Brussels
- Nov 6-9, 1996 “Pediatric fMRI of the brain” - Brazilian Society of Diagnostic and Therapeutic Neuroradiology, Sao Paulo, Brazil
- Nov 18, 1996 “3D imaging in plagiocephaly and craniosynostosis” - New York Chapter of Roentgen Ray Society, New York
- 1997 Academie Francaise de Medicine, Lymphologie du cerveau
- Feb-May 1997 Neuroradiology Residents’ Course - Fitzgerald-Mercy Hospital, Delaware County, Pennsylvania
- March 12, 1997 “Neuroimaging in Pediatric Epilepsy” - Neurology Grand Rounds, Pennsylvania Hospital
- Oct-May 1997 Neuroradiology Residents’ Course - Fitzgerald-Mercy Hospital, Delaware County, Pennsylvania
- Oct 21, 1997 “Pediatric fMRI,” “Pediatric MR Spectroscopy”
Neuroradiology Grand Rounds, University of Chicago
- April 18, 1998 “Advances in pediatric neuroimaging” - SMRT, ISMRM, Sydney, Australia

April 19, 1998	“Pediatric brain: protocols,” - Weekend educational program, ISMRM, Sydney, Australia
April 28, 1998	“Magnetic resonance spectroscopy” - ARRS, San Francisco
May 17, 1998	“Pediatric functional MRI” – Symposium Neuroradiologicum, Derek Harwood-Nash Lectures, Philadelphia, PA
Oct 7-9, 1998	“DWI in pediatric neuroimaging,” “MR spectroscopy in pediatric neuroimaging,” “Pediatric fMRI,” - Visiting Professor, Hospital for Sick Children, Toronto
Oct 12-13, 1998	“Pediatric neuro MR spectroscopy”,and “Functional neuroimaging in pediatrics” - Visiting Professor, University of Michigan, Ann Arbor, Michigan
Jan 7-8, 1999	“Pediatric MR spectroscopy” - Visiting Professor, Karolinska Hospital, Stockholm, Sweden
March 17, 1999	Teaching rounds in pediatric neuroradiology - Visiting Professor, Mercy-Fitzgerald Hospital, Delaware County, PA
May 8, 1999	“New Advances in Pediatric Neuroimaging” - SMRT, Philadelphia
May 11, 1999	“MR Spectroscopy of the Brain: Pediatric” - ARRS, New Orleans
June 25, 1999	“Imaging Studies of the Central Nervous System” - Department of Pediatrics, West Jersey Health System
January 19, 2000	Visiting Professor, Mercy-Fitzgerald Hospital, Delaware County,PA
May 1, 2000	“fMRI of language in children,” SPR, Sunrise session, Naples, Florida
May 10, 2000	“Adult and pediatric MR spectroscopy,” Instructional course ARRS, Washington, D.C.
May 18, 2000	MR Spectroscopy: “Basics and applications in children,” DuPont Children’s Hospital, Delaware.
July 2000	Derek Harwood-Nash Visiting Professor, Hospital for Sick Children, Toronto, Canada.

August 28, 2000 “Pediatric MR Spectroscopy”, Eastern Neuroradiological Society, Top Notch, Vermont.

Sep 18-20, 2000 Invited speaker “Pediatric stroke”, National Institute of Neurological Disorders Workshop 2000, Washington D.C.

September 29, 2000 Visiting Professor, MUSC, Charleston, S.C.

October 2-3, 2000 Visiting Professor, Texas Children’s Hospital, Houston, TX

November 7-9, 2000 Invited speaker, SCFR, Montreal, Canada

December 6, 2000 Visiting Professor Lecture, Mercy Fitzgerald Hospital, Darby, PA

February 2001 Visiting Professor, MUSC, Charleston, South Carolina.

March 2001 Visiting Professor, University of Indianapolis, Indiana.

April 2001 Invited speaker, ARRS, Seattle

December 4-5, 2001 Visiting Professor Dartmouth-Hitchcock, Lebanon, New Hampshire.

February 21st 2003 “Innovations in Pediatric Neuroimaging” . Texas Neurological Society, Austin, Tx. Invited speaker.

April 2003 ‘How we do it at Texas Children’s Hospital – Pediatric fMRI.’ ASNR, Washington, DC. Invited speaker.

May 8th 2003 Neuroradiology 101. Pediatric Grand Rounds, TCH

May 22nd 2003 MR Spectroscopy for radiation therapists, Methodist Hospital, Houston

June 14th 2003 Pediatric fMRI. Invited speaker Philips’ Network group, Antwerp, Belgium.

February 6th 2004 “Neuroimaging of stroke in children.” Invited speaker 29th International Stroke Conference, February 5-7th, San Diego.

June 6th 2004 “Basics of MRS”. Invited speaker, Advanced Imaging Session. ASNR Seattle

September 22nd 2004 Workshop, King Hussein Cancer Center, Amman, Jordan
2 talks (i) Neuroimaging in low-grade gliomas, (ii) Neuroimaging in high-grade gliomas

- September 23rd 2004 2 talks Pan Arabian Neurosurgical Society, Amman, Jordan, (i) MRS and imaging of brain tumors, (ii) Neuroimaging of brainstem gliomas.
- October 2nd-3rd 2004 “Traumatic Brain Injury in Children”, invited speaker mid-West Pediatric Society Meeting, Kansas City.
- December 4th 2004 “Non-accidental brain injury”. TCH 25th Pediatric Trauma Course, TCH, Houston Tx.
- February 15th 2005 “Fundamentals of MRSpectroscopy and clinical applications” and “Quantitative MR spectroscopy in traumatic brain injury in children”. Karolinska Hospital, Stockholm, Sweden.
- October 7-9th 2005 “State of the Art of Pediatric Neuroradiology - 2005”, BSNR, Edinburgh, Scotland. Invited speaker.
- November 17th 2005 Neuroimaging in Moyamoya – Houston Neurovascular rounds, St Lukes Hospital, Baylor
- February 3rd 2006 Workshop/Symposium on imaging and DTI in traumatic brain injury in children. International Neuropsychology Meeting. Boston MA.
- February 6th 2006 Noon conference “Advanced neuroimaging techniques as applied to pediatric TBI” and visiting Professor, University of Massachusetts, Worcester, MA
- July 13-15th 2006 Nevus Outreach Meeting. Fort worth, TX.
- August 21-22nd 2006 Invited speaker and discussant on pediatric/neonatal stroke at NIH, Bethesda, Washington DC..
- December 2006 External reviewer Dartmouth-Hitchcock Neuroscience Program, Lebanon NH
- December 2006 Invited speaker MS Society, Lone Star Chapter. “Neuroimaging in MS of children.” Houston, TX.
- June 2007 Invited speaker ASPNR “Neurocognition and imaging of the pediatric brain following TBI”. Chicago.
- June 2007 SAM/MOC interactive talk on pediatric neuroimaging. ASNR, annual meeting, Chicago.

- August 2007 Interesting case conference, Great Ormond street Children's Hospital, London, England.
- August 2007 "Cutting edge technologies as applied to pediatric neuroimaging". ICP, Athens, Greece.
- November 2007 Workshops on "Neuroimaging of Pediatric TBI with neurobehavioral outcomes". Invited faculty "Pediatric Brain and Spinal Cord Injury Conference", November 2-4th 2007, Coconut grove, Miami, FL.
- March 16-20th 2008 Visiting Professor Dartmouth Hitchcock, Lebanon, NH.
- October 5-8th 2008 LINC Neurointerventional Course, Houston, TX. "Cross-sectional Imaging in Pediatric Arterial Ischemic Stroke and Cerebral Occlusive vascular Disease".
- October 29-31,2008 Invited speaker Cleveland Clinic
 "TBI in children: Magnetic Resonance spectroscopy and diffusion-weighted imaging"
 "Mild TBI: DTI"

Organizing Roles in Scientific Meetings:

- May 1994 American Society of Neuroradiology, Annual Meeting, Nashville, Tennessee, Summarizer
- September 1995 Eastern Neuroradiological Society, Annual Meeting, Niagara-on-the-Lake, Ontario, Canada, Scientific program reviewer and moderator
- May 1996 International Society for Pediatric Radiology, Annual Meeting, Boston, MA, Moderator
- November 1996 Radiological Society of North America, Annual Meeting, Chicago, Illinois, Poster reviewer for Radiographics
- September 1997 Eastern Neuroradiological Society, Annual Meeting, Tarrytown, NY, Scientific program chair
- April 1998 American Roentgen Ray Society, Annual Meeting, San Francisco, California, Moderator and invited speaker.
- May 1998 American Society of Neuroradiology, Annual Meeting, Philadelphia, PA, Poster committee.
- May 1999 American Society of Neuroradiology, Annual Meeting, San Diego, California, Reviewer of scientific posters, Moderator of scientific session, Supervisor of Electronic Learning Center session
- August 1999 Moderator of Scientific Session, ENRS, Montreal.
- April 2000 Moderator of Focus Session, Reviewer and Member Scientific Exhibits Committee, Supervisor of Electronic Learning Center. ASNR, Atlanta.

May 2000	Speaker at Sunrise session, Moderator scientific session, Member of scientific poster and exhibits committee, SPR, Naples, Florida.
May 2000	Speaker at ARRS, Washington D.C.
April 2001	Reviewer and member Scientific Exhibits Committee, Supervisor of Electronic Learning Center, ASNR, Boston.
May 2001	Invited speaker "Proton MR Spectroscopy: Basics and Applications in Adult and Childhood Disorders". American Roentgen Ray Society, Annual Meeting, Seattle, WA.
November 2001	Moderator, RSNA, Chicago Nov/Dec 2001.
May 2002	Scientific abstract Reviewer, ASNR, Vancouver, B.C. Canada.
May 2002	Member-at-large, ASPNR.
December 2002	Moderator, RSNA, Chicago.
May 2003	Moderator ASNR, Washington, D.C. Special awards committee member for Derek Harwood-Nash best presentation and A-V committee member Scientific Reviewer, ASNR, Washington D.C. Invited Speaker, ASNR, Washington, D.C.
June 2004	Moderator ASNR Seattle, WA Scientific Reviewer, ASNR, Seattle, WA Invited speaker, ASNR, Seattle, WA A-V committee member Special awards ASSR reviewer Treasurer ASPNR
May 2005	Scientific Reviewer, ASNR, Toronto, Canada Moderator, ASNR, Toronto, Canada Panelist, Excerpta Extraordinaire, ASNR, Toronto May 2005 Secretary ASPNR
July 2005- April-May 2006	Member of the Center for Pediatric Multiple Sclerosis at TCH Moderator, ASNR, San Diego Scientific Reviewer, ASNR, San Diego Member A-V committee, ASNR Member of Outstanding awards presentation committee Pediatric representative Committee for Evidence Based Medicine, ASNR, San Diego, April 29th-May 6th 2006. President elect, ASPNR
May 28-19 th 2006	Moderator International Pediatric Radiology meeting, Montreal, Canada
September 2006	Invited participant "Perinatal Arterial Ischemic Stroke workshop at NIH, Bethesda,MD
December 2006	External reviewer Neuroscience program at Dartmouth-Hitchcock, Lebanon, NH.
Auguat 2007	Moderator and invited speaker 25 th Annual Meeting, International Congress of Pediatrics, Athens, Greece. August 25 th -29 th 2007.
August 2007	"Cutting edge technologies in Pediatric Neuroradiology", 25 th International Congress of Pediatrics, Athens, Greece.

May 2008	President ASPNR and organizer Scientific Program , ASNR annual meeting. New Orleans LA.
October 2008	Moderator, LINC course on Neurointervention, Houston, TX
October 2008	Invited speaker talk on arteriopathies and AIS in pediatrics LINC
November 2008	Invited speaker 2 talks at Cleveland Clinic for TBI symposium
May 2009	Organizer Scientific Program in Pediatric Neuroradiology, SPR, CA

Bibliography

Research publications, peer reviewed:

1. **Hunter JV**, Collier JG, Fuller RW. The effect of sodium cromoglycate on the development of exercise induced angina pectoris. *Archives Internationales de Pharmacodynamie et de Therapie* 266, 113-116, 1983.
2. Hunter GJ, Schneidau A, **Hunter JV**, Chapman M. Rickets in adolescence. *Clinical Radiology* 35:419-421, 1984.
3. **Hunter JV**, Chadwick M, Hutchinson G, Hodson ME. Use of gas liquid chromatography in the clinical diagnosis of anaerobic pleuro-pulmonary infection. *Br J of Diseases of the Chest* 79:1-8, 1985.
4. **Hunter JV**, Ayers AB. Pulmonary digital subtraction angiography: a screening procedure for vascular lung lesions. *Clinical Radiology* 36: 191-195, 1985.
5. Hunter GJ, **Hunter JV**, Brown NJG. Parametric imaging using digital subtraction angiography. *Br J Radiol* 59:7-11, 1986.
6. **Hunter JV**. Parametric imaging applied to renal digital subtraction angiography: establishment of normal ranges. *Urologic Radiology* 8:1984-1989, 1986.
7. **Hunter JV**, Fogelman I. The "delta sign" in bone scan interpretation - a cautionary note. *J Nucl Med* 28:1229-1230, July 1987.
8. **Hunter JV**, Hunter GJ, Tucker AK. Patterns of axillary lymphadenopathy demonstrated by mammography: implications for the asymptomatic woman in a breast screening programme. *Clinical Radiology* 38:515-517, 1987.
9. Venables KM, Dally MB, Nunn AJ, Stevens JF, Stephens R, Farrer N, **Hunter JV**, et al. Smoking and occupational allergy in a platinum refinery. *BMJ* 299:939-942, 1989.
10. **Hunter JV**, Yokoyama C, Moseley IF, Wright JE. Aneurysmal bone cyst of the sphenoid with orbital involvement: case report and review of the literature. *Br J Ophthalmology* 74:505-508, 1990.

11. **Hunter JV**, Stevens J, Kendall BE, Moskovich R, Crockard HA. Radiological assessment for transoral surgery in rheumatoid arthritis, using dynamic computed tomographic myelography. *Neuroradiology* 33(S):413-415, 1991.
12. **Hunter JV**, Kind PRN. Non-ionic iodinated contrast media: potential renal damage assessed with enzymuria. *Radiology* 183:101-104, 1992.
13. **Hunter JV**, Youl BD, Moseley IF. MRI demonstration of midbrain deformity in association with Chiari malformation. *Neuroradiology* 34:399-401, 1992.
14. Rowland-Hill CA, **Hunter JV**, Moseley IF, Kendall BE. Does Myodil introduced for ventriculography lead to symptomatic lumbar arachnoiditis? *BJR* 65, 1105-1107, 1992.
15. Connelly A, Cross JH, Gadian D, **Hunter JV**, Kirkham FJ, Leonard JV. Magnetic resonance spectroscopy shows increased brain glutamine in ornithine carbamoyl transferase deficiency. *Pediatric Research* 33(1), 77-8, 1993.
16. **Hunter JV**, Batchelder KF, Lo EH, Wolf GL. Imaging techniques for in vivo quantitation of extracranial lymphatic drainage of the brain. *Neuropathology and Applied Neurobiology* 21(3), 185-188. 1995.
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 25. Barnes P and **Hunter JV.** Co-author Ch. on “Pediatric Neuroimaging” electronic “UpToDate”. October 2006.
 26. Chapter on pediatric TBI in *Neuroradiology text* edited by Naidich T and Raybaud C.
 26. Chapters in *Neuropathology text* on PNET, ATRT ..

Books:

Hunter GJ, Walton S, **Hunter J.** An introduction to cardiovascular

digital subtraction angiography. Current Medical Literature 1987.

Hunter JV, Yudururi S. "Pediatric MR Imaging." Berlex publication 2008

Schiffman J, Hunter JV, Yeduri S, Tong R. "Imaging of Neuro-ophthalmology"
In preparation 2008.

Posters & Exhibits:

1. Applications of true 3-D holography to carotid angiography prior to endarterectomy. Hunter JV, Ogilvy CS, Schulz RA, Geil GE, Wolfe AM. ASNR, Vancouver, May 1993.
2. EPI and cavernomas of the brain. European Society of Neuroradiology , Bruges, September 1993.
3. 3-D holography prior to carotid endarterectomy. Hunter JV, Ogilvy CS, Schulz RA, Geil GE, Wolfe AM. ESNR, Bruges, Belgium, September 1993.
4. MRA based three dimensional holography for preoperative planning and intraoperative reference for resection of cerebral AVMs. Ogilvy CS, Hunter JV, Geil GE, Wolfe AM, Blaustein P. CNS meeting, Vancouver, Fall 1993.
5. Holographic display vs. MIP display of neurovascular anatomy and pathology. Scientific exhibit. Hunter JV, Schulz RA, Ogilvy CS, Lustrin E, Geil GE. RSNA, Chicago, November 1993.
6. MIP vs. true 3D holography in neurovascular pathology. 15th Symposium neuroradiologicum. Hunter JV, Ogilvy CS, Schulz RA, Geil GE, Lustrin L. Kumamoto, Japan, October 1994.
7. A comparison of film based volumetric holograms vs MIP images of neurovascular anatomy and pathology. Congress of Neurological Surgeons (CNS). Hunter JV, Ogilvy CS, Schulz RA, Geil GE, Hart SJ. Chicago, October 1994.
8. 3D holography as a novel tool for merging functional MRI with other imaging data. Hunter JV, Fletcher D, Brown L, Schulz RA, Duhaime C. AANS, Orlando, Florida, April 1995.
9. InfoRad exhibit on 3D holography. Hunter JV, Schulz RA, Geil GE, Wolfe AM, Hart SJ. RCC, Birmingham, UK, June 1995.

10. Role of immunosuppression and plasmaphoresis in Rasmussen's encephalitis. Legido A, Mervin J, Andrews PI, Rogers SW, Foley CM, Miles DK, Geter E, Hunter JV, Wang Z, Grover WD. Annual Meeting of the American Epilepsy Society, Baltimore, Maryland, Dec 1-6, 1995.
11. Applications of true 3D holography for surgical planning of neurovascular lesions. Hunter JV, Schulz RA, Bergman WC, Duhaime A-C, Sutton L, AANS April 1996.
12. Tethered cord in children with imperforate anus. Proceedings of the International Society for Magnetic Resonance in Medicine, Fourth Scientific Meeting and Exhibition. Long FR, Hunter JV, Mahboubi S, Kalmus BA. New York, May 1996.
13. H1 MR spectroscopy of the pediatric basal ganglia: normal and abnormal patients, a semi-quantitative analysis. Lam WWM, Wang Z, Zhao H, Berry G, Kaplan P, Gibson J, Bilaniuk LT, Hunter JV, Haselgrove JC, Zimmerman RA. Proceedings of the ISMRM, 4th Scientific Meeting and Exhibition, New York, May 1996.
14. Quicktime VR as a novel means for presenting and publishing holographically displayed MR volumes. Schulz RA, Dalton MN, Hunter JV, Rupp FW, Orrison WW, Benzel EC. Proceedings of the ISMRM, 4th Scientific Meeting and Exhibition, New York, May 1996.
15. Comparison of hemispheric dominance for language as identified by Wada testing versus functional MR in a pediatric population. Hunter JV, Brown L, Fletcher D, Haselgrove J, Schulz RA, Duhaime A-C. ISMRM, New York, May 1996.
16. 3D holography as a novel tool for merging single slab functional MRI and MRA data. Hunter JV, Geil G, Schulz RA, Fletcher D, Sutton L. ISMRM, New York, May 1996.
17. Comparison of hemispheric dominance for language as identified with Wada testing versus functional MR imaging in a pediatric population. Hunter JV, Brown L, Haselgrove JC, Fletcher DW, Clancy RS, Duhaime A-C. ISPR, Boston, May 1996.
18. Comprehensive mapping of normal developmental changes in brain water diffusion. Morriss MC, Haselgrove JC, Zimmerman RA, Bilaniuk LT, Hunter JV. SPR, St. Louis, May 1997.
19. Pediatric sedation protocols for neuroimaging: CHOP 1989-1995. Hunter JV, Bartko M-B, Bilaniuk LT, Zimmerman RA. ESNR/BSNR Meeting, September 1997, Oxford, UK.
20. Synostotic and non-synostotic posterior plagiocephaly: distinct entities

or a pathophysiologic continuum? Kirschner RE, Hunter JV, Bartlett SP, Whittaker LA. ISCFs, Santa Fe, September 1997.

21. Neurological outcome in patients with sickle cell disease and Moyamoya phenomenon. Thorarensen O, Sacchi RS, Hunter JV, Ohene-Frempong K, Younkin D. Child Neurology Society Annual Meeting, Phoenix, October 1997.
22. Simulation of digital holography images for computer based medical imaging systems. Dalton MN, Hunter JV, Olan WJ, Robertson Dd, Wetzner SM, Andre MP. RSNA, Chicago, November 1997.
23. True 3D digital holography as a tool for displaying congenital abnormalities of the cranio-cervical junction in a pediatric population. Hunter JV, Dormans J, Duhaime A-C, Schulz R, Drummond D. DSPN, Rancho Mirage, CA, February 1998.
24. True 3D digital holography as a tool for displaying congenital abnormalities of the cranio-cervical junction in a pediatric population. Hunter JV, Dormans J, Duhaime A-C, Geil G, Drummond D. AOSS, New Orleans, March 1998.
25. Visual properties evoked by life-size true 3D holograms of tomographic data versus those produced by simulated holograms for image preview. Schulz RA, Dalton MN, Hunter JV, Orrison WW, Olan WJ, Geil GE. ASNR, Philadelphia, May 1998.
26. Factor V Leiden as a cause of stroke in childhood. Hunter JV, Thorarensen O, Younkin D. Cerebrovascular disease and stroke in childhood – Pre-satellite Symposium of the 8th International Child Neurology Association Meeting, London, UK, September 9-10th 1998.
27. 3D-holographic display of pelvic CT data in postoperative pediatric hip dysplasia. Dormans JP, Hubbard AM, Schulz RA, Hunter JV, Spiegel DA. AAOS, Anaheim, February 1999.
28. Metopic synostosis: defining parameters that permit diagnosis based on CT images. Weinzweig J, Kirschner RE, Farley A, Bartlett SP, Hunter JV, Whitaker LA. 44th Annual Meeting of the Plastic Surgery Research Council, Pittsburgh, PA, May 22nd -25th 1999.
29. Outcome of infants with bronchopulmonary dysplasia who receive ECMO therapy. Hibbs AM, Evans JR, Gerdes M, Hunter JV, Cullen JA. Keystone Meeting, PA, February 2000.
30. Applications of true 3D holography to non-traumatic pathology of pediatric spine. Dormans J, Hunter JV, Schulz RA. American Association of Orthopedic Surgeons, Orlando, Florida, March 15-19, 2000.

31. Stroke at an early age: multiple CVAs in an 11-year-old boy precipitated by minor trampoline trauma. AAP Annual Meeting, American Journal of Physical Medicine & Rehabilitation, 70 (2) 2000.
32. Decreased cortical activation in response to a motion stimulus in anisometric amblyopic eyes. Bonhomme GR, Liu GT, Miki A, Francis E, Modestino EJ, Aleman D, Dobre C, Raz J, Hunter JV, Haselgrove JC. ARVO, Miami, FL, May 2000.
33. Sustained visual attention studied with echoplanar functional MRI and parametric analysis. Modestino EJ, Liu GT, Miki A, Doran SM, Aleman D, Dobre C, Yu J, Hunter JV, Haselgrove JC. ARVO, Miami, May 2000.
34. Cerebral sinovenous thrombosis and ulcerative colitis. Kao A, Dlugos D, Mamula P, Hunter JV, Thorarensen O. CNSS, 29th Annual meeting, 2000.
35. Neuropsychological deficits in patients with meningiomas. Jo M, Armstrong CL, Hunter JV. Poster presentation, National Academy of Neuropsychology Conference Orlando FL, November 2000.
36. The effects of intracranial tumors on semantic recognition memory. Goldstein B, Modestino EJ, Hunter JV, Ledakis GE, John C, Armstrong CL. Poster presentation AANS, NY, March 2001.
37. Using SENSitivity encoding (SENSE) acceleration and inner volume imaging (ZOOM) techniques to decrease energy deposition and increase image acquisition SPR, 2002.
38. In vivo measurement of brain GABA in ketogenic diet using 2D double quantum MR spectroscopy. Wang Z, Bergqvist C, Hunter JV, Tavelli B, Cao Q, Scherzer M, Jin D, Wang DJ, Wehrli S, Zimmerman RA, Detre JA. ISMRM, Honolulu, Hawaii, May 2002.
39. Proton MR Spectroscopy of brain-injured children. Hunter JV, Thornton RJ, Wang ZJ, Levin HS, Brooks WM, Swank PR. ASNR, Washington D.C., May 2003.
40. Differential patterns of activation during a working memory task in traumatically brain injured children: an fMRI study. Newsome M, Hunter JV, Scheibel RS, Wang Z, Chu D, Levin H. Head trauma conference, Biloxi MI. October 2003.
41. Lumps and bumps on the head in infancy: a diagnostic dilemma. Payan C, Morriss MC, Jones JY, Laurent J, Hunter JV. Scientific exhibit RSNA December 2003, Chicago.

42. Pitfalls of imaging TCD used alone in a sickle cell screening program. Hunter JV, Munden M, Moron FE, Cassady C, Mueller BU. 27th Annual Meeting of the National Sickle Cell Disease Program, Los Angeles, CA, April 2004.
43. Chu Z, Muthupillai R, Wang ZJ, Thornton RJ, Hunter JV. High angular resolution diffusion tensor imaging with sensitivity encoding (SENSE) accelerated echo planar imaging, (EPI). Eposter ISMRM May 2004, Kyoto, Japan.
44. Masses in the neck in children. Chung T-W, Hunter JV. ASNR, Toronto, May 2005.
45. Posterior Reversible Encephalopathy Syndrome in Sickle Cell Disease. Poster at 28th Annual National Sickle Cell Disease Meeting, Cincinnati, Ohio, April 2005. Haider J, Vann M, Crull K, Mueller B, Hunter JV.
46. MRS and cognitive impairments post head injury in children. International Neuropsychology meeting in conjunction with the British Society meeting, Dublin, July 2005. Hunter JV, Thornton R, Wang Z, Swank P, Levin HS.
47. Cognitive control in relation to DTI in children with severe TBI, International Neuropsychology annual meeting in conjunction with British Society meeting, Dublin, July 2005. Wilde EA, Hunter JV, Chu Z, Wang Z, Hanten G, Levin HS.
48. Masses in the neck in children. Chung T-W, Hunter JV. Invited Poster ASHNR, San Francisco, September 2005.
49. Relationship of DTI abnormalities in the left temporal lobe and language functioning in autism. Hunter JV, Wilde EA, Chu Z, Loveland K, Pearson D, Li X Annual meeting for the Collaborative Programs of Excellence in Autism network. NIH meeting, Bethesda, November 8th 2005.
50. Relationship of DTI abnormalities in the temporal lobes and language functioning in autism. Hunter JV, Wilde EA, Chu Z, Loveland K, Pearson D, Li X. UT poster session, Saturday December 3rd 2005.
51. Relationship of DTI abnormalities in the temporal lobes and language functioning in autism. Hunter JV, Wilde EA, Chu Z, Loveland K, Pearson D, Li X. eposter ISMRM, May 10th 2006, Miami USA
52. Relationship of DTI abnormalities in the temporal lobes and language functioning in autism. Hunter JV, Wilde E et al ASNR, May 2006.
53. ATRT in a pediatric population. Chung T-W, Hunter JV. ASNR San Diego, April 29th-May 5th 2006.

54. Ramos M, Yallampalli R, Wilde EA, Chu Z, Bigler ED, Hunter JV, Li X, Hanten G, Levin HS. "Diffusion tensor imaging of the cingulate and relation to reaction time in pediatric traumatic brain injury". INS meeting, February 2007, Portland, Oregon.
55. Wilde EA, Ramos M, Yallampalli R, , Chu Z, Bigler ED, Hunter JV, Li X, Hanten G, Levin HS."The relation between diffusion tensor imaging in the frontal lobes and executive functioning in pediatric traumatic brain injury". ". INS meeting, February 2007, Portland, Oregon.
- 56.. Yallampalli R, Wilde EA, Chu Z, Trotter DM, Hunter JV, Li X, Yudofsky SC, Kim F." The relation between diffusion tensor imaging in the cingulate and MCST performance in bipolar disorder". INS meeting, February 2007, Portland, Oregon.
57. e-Poster at ARRS May 2007. "Pathologies of the choroid plexus in children" Nunis P, Yoo G, Hunter JV.
58. Yoo G, Hunter JV. Scientific exhibit "Corpus callosum in children: A pictorial review".ASNR Chicago June 2007.
59. Chu Z, Wang ZJ, Chia J, Hunter JV. Comparison of quantification of clinical MR Spectra by LCMoDel and the Scanner System Software, program number 1395, ISMRM 15th scientific meeting, Berlin, Germany, May 21-25, 2007.
60. Wang ZJ, Fischer R, Butensky E, Neumyer L, Singer ST, Lee P, Chu Z, Hunter JV, Firebaugh J, Vichinsky E, Harmatz P. MRI assessment of pituitary iron and volume in thalassemia and relation to hypothalamic-pituitary-gonadal axis function (HPG): a feasibility study. Annual meeting of the American Society of Hematology, Publication No. 1778, December 9-12, 2006, Orlando, FL.
61. Wilde E, Yallampalli R, Hunter JV, Hanten G, Chu D, Chia J, Menefee D, Li X, Levin HS. "The relation of temporal diffusion tensor imaging, (DTI), to the behavior assessment system for children (BASC-2), in traumatic brain injury. Accepted NABIS 5th Annual Brain Injury Conference, San Antonio, TX. September 27-29th. 2007.
62. Chu Z, Hunter JV et al ISMRM, Toronto 2008.
63. Chu Z, Hunter JV et al ISMTM, Toronto 2008.
64. Chu Z, Hunter JV et al eposter ISMRM, 2008.

Alternative media:

1. MCET Neurosciences video series #1-5 January-March 1993, sponsored by the Minorities Faculty at Harvard Medical School.
2. Audiotape review of advances in current medical literature sponsored by the New England Journal of Medicine, 1997.
3. General Electric Medical Systems satellite-based healthcare education broadcast- "Ultrasound: Prenatal and Pediatric Ultrasound," August 1999.
4. eCME Webcast , "The Basics of Spectroscopy", ASNR, June 2004.
5. UpToDate "Approach to Neuroimaging in Children" Co-authors PD Barnes, JV Hunter

Patents: N/A

Courses attended

EP510 Introductory Epidemiology, U of Penn 9/7/2000-12/20/00
 EP502 Introductory Biostatistics, U of Penn 9/8/2000-12/14/2000
 Visit to BYU, Utah to learn volumetrics with Dr Erin Bigler PhD, utilizing Analyze MRI course, ISMRM Lake Louise, Canada. February 11-16th 2007.

Supervision of M.Sc. candidate at University of Pennsylvania, Edward Modestino
 Supervision of post-doctoral candidates: Michelle York PhD and Dr Mendez, Baylor College of Medicine; R. Thornton PhD and Dr Z Chu PhD.

Supervision of MD PhD candidates: Corey, Vivek etc..Lane Streatham. T-W Chung MD PhD
 PBTC

SCD

Fetal MRI

Talk Monday 18th March 2002, Baylor Radiology Residents, 12.35-1.20pm
 Talk Baylor radiology residents, Friday 22nd March 2002
 Radiation Therapy, Thursday 28th March MRS in brain tumors 7-8am
 Thursday April 4th 2002, pediatric MRS, Oncology Dept. TCH auditorium 8-9am
 Tuesday August 20th MRS in mitochondrial cytopathy – 1st year medical students Baylor
 August 24th Saturday 2002, DI talk MRS
 Wednesday August 28th 2002 pathology resident teaching – Radiology of mitochondrial disorders
 Friday February 21st 2003 , Texas Neurology Society, Annual Meeting, Austin. "Advances in Neuroimaging"
 Monday March 10th 2003, teaching Radiology residents for the Boards
 Friday March 21st 2003, Neonatal applications for MRI – Dept. of Neonatology, TCH.
 Wednesday March 26th 2003 "Neuroimaging of congenital anomalies of the pediatric brain", Baylor residents, TCH.
 Friday May 9th 2003, Pediatric Grand Rounds, "Neuroradiology 101
 Thursday May 22nd 2003, Radiation therapy "Neuroimaging with MRS"
 June 10th 2003 MR Spectroscopy case conference, DI, TCH.

March 16th 2004 TCH DWI/DTI/PWI Research noon conference, DI, TCH

Regular meetings At TCH

Wednesday morning tumor board

Thursday morning neuroscience conference

Neonatal conference Monday 2pm in the NICU

Epilepsy Conference bi-weekly 2001-2003, first 3 Tuesdays of the month 2004.

Wada testing

Thursday morning residents' conference 10.30-11.30am

1st Tuesday of the month joint Neuroradiology conference 2002/3.

2nd Wednesday of the month SCD joint A-V conference with St Judes

Fourth Thursday of the month fetal conference

4th Tuesday of the month ENT conference 5pm

Tumor Board 4-5pm Tuesday afternoon, TCH auditorium

Bi-monthly Radiology Research Committee

Monthly IRB

In-service for MRI techs beginning 4/8/03 repeated 4/10/03

Other teaching commitments

9/19/03 grand rounds participant with Meena Battachuria and Angus Wilfong MD on Rasmussen encephalitis

In-service for Radiology techs 1/13/04 repeated 1/20/04 PBTC, perfusion and other research protocols.

Tumor board ALL PRES 3/9/04

Research noon conference 3/16/04 DWI/DTI/PWI

Board review, Residents, 5/11/04 & 5/19/04

Grand Rounds, TCH Auditorium, with Dawna Armstrong and Lisa Adcock MD, PVL, May 21st 2004.

Neonatal Rounds, Neonatology, June 18th 2004, 12 noon-1pm..

Baylor resident rounds "Pediatric Neuroradiology", December 8th 2004.

1/26/05 Neurology Rounds, Bluebird Clinic 12-1pm Imaging of Epilepsy

2/2/05 Neurology Bluebird Rounds 12-1pm "Non-accidental injury"

2/28/05 ICU M&M 6th floor conference room 12-1pm

3/3/05 1-2.30pm Teaching MPH Course at UT School of Public Health "The National Health Service"

7/27/05 12noon-1pm Neurology Rounds, Bluebird Clinic, "Agenesis of the corpus callosum".

Baylor and UT Resident Conference , noon TCH Auditorium, March 23rd 2005, "Imaging of Epilepsy in Childhood"

2/8/06 "Neuroimaging in pediatric stroke", Neurology Rounds, TCH auditorium

Teaching of UT 4th year residents for Radiology Boards, March 25th 2005

Teach Baylor residents for Board Review, Friday June 1st 2005

Invited reviewer of AHA grants,(stroke section), Dallas, April 11-12th 2005.

Neurology Bluebird Grand Rounds, "Agenesis of the Corpus Callosum", Wednesday 7/27/05, with Meena Bhattachuria MD Neuropathology.

Tumor board participant Tuesday 11th October 2005

Invited reviewer or AHA grants, (Stroke section), Dallas, October 17-18th, 2005.
Invited reviewer Thrasher Foundation Grants 2004.
Hot seat teaching Baylor residents and fellows, 24th October, 2005.
Invited speaker Houston Neurovascular Grand Rounds – “Imaging of Moyamoya Disease”
Saturday November 19th 2005.
Workshop on DTI, International Neuropsychology meeting Boston, February 2006.
3/3/06 Teaching rounds 2-4pm for UT, Baylor and Wilford Hall 4th year residents
7/21/06 Baylor Pediatric Grand Rounds at Texas Children’s Hospital, “Laughter – Not Always
the Best Medicine, and Bigger – Not always Better: Selected Aspects of Childhood Epilepsy”
Joint presenter with Drs Meena Bhattachuria and Angus Wilfong.
2/7/07 “Neuroimaging of pediatric brain tumors.” Resident teaching, Joint BCM/UT didactic
series Neuro:Baylor/TCH Radiology conference room.
3/14/07 Fellows’ Conference TCH “White Matter Disorders”
3/23/07 NIH Reviewer of Program Project AJ Barkovich M.D.

Please see also website for Radiology Research Lab :
<http://public.bcm.tmc.edu/radiology/mri-physics/>

Works in progress

Mentor to and Co-investigator with Elisabeth Wilde Ph.D. Quantitative MRI in sleep apnea in
children. Competitive application for Pfizer award. Submitted January 2006.
Mentor to Michelle York PhD
Mentor to Rogini

Co-investigator with Craig Morriss, Jeremy Jones, Steve , Dr Pravina and Geoffrey Miller, (PI),
to establish normative data and variations in timeline for myelination patterns in developmentally
delayed population. February 2003. IRB approved.

6/13/05 AAHRPP site visit IRB 2

NIH site visit March 2006 Clinical care Center, Bethesda.