

**CURRICULUM VITAE**  
**JOHN GERARD CURRAN, M.D.**

**PERSONAL INFORMATION:**

Business Address: Phoenix Children's Hospital  
Department of Radiology  
1919 E. Thomas Road  
Phoenix, AZ 85016

E-Mail: jcurran@phoenixchildrens.com  
Business Phone: (602)546-1207  
Fax: 602-546-1264

Date of Birth: October 18, 1952  
Place of Birth: Dublin, Ireland  
Citizenship: Permanent Resident of USA; Irish Citizenship

**EDUCATION:**

1970-1976 (M.B., B.Ch., B.A.O.), University College Dublin,  
National University of Ireland (N.U.I.)

1978-1979 Diplomas in Obstetrics & in Child Health, N.U.I.

1980 Member, Royal College of General Practitioners (MRCGP),  
London, England

1984 Fellow of the Faculty of Radiology, Royal  
College of Surgeons (FFRCSI), Dublin, Ireland

1984 Fellow of the Royal College of Radiologists (FRCR),  
London, England

**POSTDOCTORAL TRAINING:**

7/76-6/77 **Internship**  
Medical/Surgical Rotation  
St. Vincent's Hospital, Dublin, Ireland  
County Hospital, Tullamore

10/81-9/85 **Residency in Radiology**  
Radiology Department  
St. Lawrence's Hospital, Dublin, Ireland

- 7/80-6/81                    **Residency in Internal Medicine**  
Rotation in Neurology & Geriatric Medicine,  
St. Lawrence's Hospital, Dublin, Ireland
- 7/77 - 6/79                    **Family Practice**  
Six Month Rotations - Internal Medicine, ER,  
Pediatrics Obs. & Gynae Mater Miserecordiae  
Hospital, Coombe Lying-in Hospital and Crumlin  
Children's Hospital, Dublin, Ireland
- 7/79-6/80                    **Family Practice**  
Teaching Practice, Dr. V. Ryan, Rathmines  
Dublin, Ireland

**BOARD CERTIFICATION AND MEDICAL LICENSURE:**

- March,     1989     Alabama (#14540 - inactive)
- December, 1989     American Board of Radiology - Diagnostic
- December, 1992     X-Ray Supervisor and Operator California - (#RHL 137519 -7/1/02)
- October,    1993     BLS C: Basic Life Support
- June,        1994     Pediatric Advanced Life Support (current)
- December, 1994     California Medical (#A 053737 - 10/31/02)
- June,        1996     Drug Enforcement Administration (DEA - BC4905963)
- November, 1998     American Board of Radiology Certificate of Added Qualifications in  
Neuroradiology
- October, 2008     Arizona (41078)

**FACULTY APPOINTMENTS:**

- 2/2010-Date                **Clinical Associate Professor**  
Department of Radiology  
University of Arizona  
Tucson/Phoenix, Arizona
- 10/2009- Date              **Adjunct Faculty**  
School of Biological & Health Systems Engineering  
Arizona State University  
Tempe, Arizona
- 2008                         **Clinical Associate Professor**  
Feinberg School of Medicine  
Northwestern University  
Chicago, Illinois

- 7/1/99 – 3/2002      **Associate Professor**  
Department of Radiological Sciences,  
UCLA School of Medicine  
Los Angeles, California
- 7/1/94-6/30/99      **Assistant Professor**  
Department of Radiological Sciences,  
UCLA School of Medicine  
Los Angeles, California
- 7/90 - 6/94      **Clinical Instructor**  
Department of Radiological Sciences,  
UCLA School of Medicine  
Los Angeles, California
- 7/89 - 6/90      **Fellow in Neuroradiology**  
Department of Radiology,  
Children's Hospital of Los Angeles  
Los Angeles, California
- 7/88 - 6/89      **Fellow in Neuroradiology**  
Department of Radiology,  
University of South Alabama Medical Center  
Mobile, Alabama
- 7/87 - 6/88      **Chief Resident/Fellow** in Magnetic Resonance,  
Department of Radiology,  
University of South Alabama Medical Center  
Mobile, Alabama
- 1/87 - 6/87      **Staff Radiologist**, Locum Tenens  
Ibn Al Bitar Hospital, Baghdad, Iraq
- 1/86 - 12/86      **Exchange Resident** in Radiology  
One year body CT and Angiography  
St. Georg Hospital, Hamburg, Federal Republic of Germany

**HOSPITAL APPOINTMENTS:**

**Attending Pediatric Neuroradiologist,  
Director, Neuroradiology**  
Phoenix Children's Hospital  
Phoenix, AZ 85016

**(Former) Attending Pediatric Neuroradiologist,**  
Children's Memorial Hospital  
Chicago, Illinois

**(Former) Attending Pediatric Neuroradiologist,**  
Central DuPage Hospital  
Winfield, Illinois  
(remote reading of pediatric neuroradiology)

**(Former) Attending Pediatric Neuroradiologist,**  
Northwestern University Hospital  
Chicago, Illinois  
(remote reading of pediatric neuroradiology)

**ADMINISTRATIVE APPOINTMENTS:**

2008 – Date	<b>Director, Pediatric Neuroradiology,</b> Phoenix Children’s Hospital, Phoenix, Arizona
2002 – 2008	<b>Division Head, Neuroradiology,</b> Department of Medical Imaging, Children’s Memorial Hospital, Chicago, Illinois

**COMMITTEES:**

September 1, 1993- August 31, 1996	Legislative Assembly Member, Academic Senate UCLA
1994-1997	University Emeritus and Pre-Retirement Relations Committee UCLA
1996-1997	Chair, University Emeritus and Pre-Retirement Relations Committee UCLA
1999-2000	Western Neuroradiological Society Committee
2003-2008	Credentials and Hospital Appointments Committee CMH
2003-2008	Pharmacy & Therapeutics Committee CMH
2007-2008	Chair, P.& T. Subcommittee on NSF risk & Gadolinium CMH
2010-Date	Medical Staff Credentials Committee, PCH
2010-Date	Quality Council, PCH
2010-Date	Radiation Safety Committee, PCH

**HONORS AND SPECIAL AWARDS:**

- |      |   |
|------|---|
| 1990 | Society of Pediatric Radiology Research Grant<br>"Effect of Methotrexate on Bone Density During Growth" |
| 1985 | Scholarship in Radiology, Kodak, Ireland  |
| 1976 | Honors in Final Medical Examination   |

***Scientific Exhibits Honors and Special Awards:***

- |                 |   |
|-----------------|---|
| May, 1992       | <b>Awarded Gold Medal Prize for Best Poster Presentation</b><br>Title: "Color Doppler Ultrasound Evaluation of Pediatric Head and Neck Arteriovenous Malformations: Spectrum of Findings."<br>European Soc. of Ped. Radiology Congress, Hungary |
| Dec, 1992       | <b>Awarded Certificate of Merit (RSNA)</b><br>Title: "Isolation of the fourth ventricle causing transtentorial herniation: neurosonographic findings in premature infants."   |
| April, 1993     | <b>Awarded Certificate of Merit (ARRS)</b><br>Title: "Isolation of the fourth ventricle causing transtentorial herniation: neurosonographic findings in premature infants."   |
| May 12-15, 1993 | <b>Certificate of Merit</b><br>Title: "Phase-contrast MR imaging for evaluating disturbances of cerebrospinal fluid flow in children."  |

***The following are Scientific Exhibits Honors and Special Awards: continued***

- |                    |   |
|--------------------|---|
| June 8-10, 1994    | <b>Awarded 1st Place Prize</b><br>Title: "Infantile epilepsy in magnetic resonance images."             |
| Nov 30-Dec 5, 1997 | <b>Certificate of Merit.</b><br>Title: "Thalamotomy and pallidotomy for movement disorder in children." |

**PROFESSIONAL SOCIETY MEMBERSHIPS:**

***Current:***

- 2008 American Society of Functional Neuroradiology
- 1996 Tumor Imaging Committee of the Children's Cancer Group
- 1994 The Radiological Society of North America
- 1994 The Western Society of Neuroradiology
- 1990 American Society of Neuroradiology (Senior Member)

***Not Current:***

- 1990 Society of Pediatric Radiology
- 1998 Pacific Coast Pediatric Radiology Association
- 1998 The Association of University Radiologists
- 1994 Los Angeles Radiological Society
- 1993 The American Roentgen Ray Society
- 1993 American Society of Pediatric Neuroradiology
- 1996 ASNR Clinical Practice Committee - Subcommittee Coding and Reimbursement

**EDITORIAL REVIEWER:**

***Current:***

- Radiographics
- Journal of Pediatric Radiology

***Not Current:***

- American Journal of Neuroradiology
- Academic Radiology
- American Journal of Roentgenology

**RESEARCH GRANTS AND FELLOWSHIPS RECEIVED:**

1. **Principal Investigator:** John Curran, M.D.  
**Title:** "Phase III Clinical Investigation of ProHance in Children Suspected of Having Neurological Pathology"  
**Grant #:** Protocol #32521-6  
**Date:** 10/1990 to 3/1991  
**Amount:** \$40,000.00  
**Effort:** 10%  
Funded through Squibb Diagnostics
  
2. **Principal Investigator:** Hooshang Kangarloo, M.D.  
**Co-Investigator:** John Curran, M.D.  
**Title:** Research, Education, and Patient Care Facilitated by Pacs  
**Grant #:** CA 51198  
**Date:** 5/1/90 to 5/31/99  
**Amount:** \$4,729,685.00  
**Effort:** 3%  
Funded through National Institutes of Health
  
3. **Principal Investigator:** Donald Shields, M.D.  
**Co-Investigator:** John Curran, M.D.  
**Title:** Pediatric Epilepsy Surgery Research Program  
**Grant #:** 1PO1NS28383-A1  
**Date:** 1992 to 1997  
**Amount:** \$3,749,950.00  
**Effort:** 2%  
Funded through National Institutes of Health
  
4. **Principal Investigator:** Robert F. Asarnow, Ph.D.  
**Co-Investigator:** John Curran, M.D.  
**Title:** Neurobehavioral Sequelae of Children with Mild Brain Injury  
**Grant #:** NS26801  
**Date:** 4/1/95 to 2/29/96  
**Amount:** \$214,876.00  
**Effort:** 5%  
Funded through National Institutes of Health
  
- 5.. **Principal Investigator:** Jennifer Levitt, M.D.  
**Co-Investigator:** John Curran, M.D.  
**Title:** Neurobiology & Genetics of Autism and Related Conditions  
**Grant #:** MH01385  
**Date:** 3/1/97 to 2/28/02  
**Amount:** \$7,047,438.00  
**Effort:** 5%  
Funded through National Institutes of Health

- 6.. **Principal Investigator:** Rochelle Caplan, M.D.  
**Co-Investigator:** John Curran, M.D.  
**Title:** Thought Disorder: A Developmental Disability in Epilepsy  
**Grant #:** NS32070  
**Date:** 5/01/98 to 4/30/03  
**Amount:** \$1,587,770.00  
**Effort:** 3%  
Funded through National Institutes of Health
7. **Principal Investigator:** Fred R. Volkmar, M.D.  
**Co-Investigator:** John Curran, M.D.  
**Title:** Neurobiology & Genetics of Autism and Related Conditions  
**Grant #:** AD-96-004  
**Date:** 03/01/97 to 02/28/02  
**Amount:** 7,047,438.00  
**Effort:** 3%  
Funded through National Institutes of Health
8. Committee on Research Award - Academic Senate Research Grant Hippocampal Assymetry in Temporal Lobe Epilepsy \$2,550.00. 7/1/96-6/30/97
9. **Principal Investigator:** Lori Altshuler, M.D.  
**Co-Investigator:** John Curran, M.D.  
**Title:** Determinants of Functional Recovery in Bipolar Illness  
**Grant #:** 1R01MH57762  
**Date:** 1/1/00 - 12/31/03  
**Amount:** \$235,785.00  
**Effort:** 1%  
Funded through the National Institute of Mental Health  
**Goal:** Bipolar patients will be tracked to assess whether there is a lag in functional recovery after symptomatic recovery and will evaluate determinants of functional recovery.

## SCHOLARLY BIBLIOGRAPHY

*\*Resident/Fellow in Training*

### A. RESEARCH PAPERS /PUBLICATIONS (PEER REVIEWED):

1. O'Brien D, **Curran JG**, et al. "Fiber Optic Assessment of Tracheal Tube Position. A Comparison of Tracheal Tube Position as Estimated by Fibre Optic Bronchoscopy and By Chest X-ray." *Anesthesia*, January 1985;40(1):73-76
2. Boechat MI, **Curran JG**, Ortega J, Gilsanz V. "Effect of Methotrexate on the Bone Density of Growing Rabbits." *Current Therapeutic Research*, 1990;48(5):824-828, (*research*)
3. Hupp SL, WilliamsJP, **Curran JG**. "Computerized Tomography in the Diagnosis of the Congenital Fibrosis Syndrome" *Journal of Clinical Neuro-Ophthalmology* , June 1990;10(2):135-139

4. Destian S, Zee C, **Curran JG**, Ahmadi J, Segall HD. "MR Angiographic Evaluation of Cerebral Aneurysms." *Neuroradiology* , 1991;33 [Suppl]:375-376, (*research*)
5. Farrell MA, DeRosa MJ, **Curran JG**, Secor DL, Cornford ME, Comair YG, Peacock WJ, Shields WD, Vinters HV. "Neuropathologic Findings in Cortical Resections (including hemispherectomies) Performed for the Treatment of Intractable Childhood Epilepsy." *Acta Neuropathologica* (1992);83(3):246-259
6. Petrus LV, Hall TR, Boechat MI, Westra SJ, **Curran JG**, Steckel RJ, Kangaroo H. "The Pediatric Patient With Suspected Adrenal Neoplasm: Which Radiological Test to Use?" *Medical and Pediatric Oncology* , 1992;20:53-57
7. Ball WS, Nadel SN, Zimmerman RA, **Curran JG**, et al. "Phase III Multi-Center Clinical Investigation to Determine the Safety and Efficacy of Gadoteridol in Children suspected of having Neurologic Disease." *Radiology*, March 1993;186(3):769-774
8. Westra SJ, **Curran JG**, Duckwiler GR, Zaninovic AC, Hall TR, Martin NA, Boechat MI, Vinuela F. "Pediatric Intracranial Vascular Malformations: Evaluation of Treatment Results with Color Doppler US." *Radiology* , March 1993;186(3):775-783
9. Philippart M, **Curran JG**. "Multiple Sclerosis in Childhood." *Brain and Development*, 1993;(15)1:85
10. Menkes JH, **Curran JG**. "Clinical and MR Imaging Correlates in Children with Extraparaxial Cerebral Palsy." *American Journal of Neuroradiology*, March 1994;15:451-457
11. Sandeep K\*, Chugani HT, Messa C, **Curran JG**. "Corpus Callosum Agenesis and Epilepsy:" PET Findings. *Pediatric Neurology*, 1994;10:221-227
12. Altshuler LL, **Curran JG**, Hauser P, Mintz J, Denicoff K, Post R. T2 Hyperintensities in Bipolar Disorder: MRI Comparison and Literature Meta-Analysis. *The American Journal of Psychiatry*, 1995 ;(152)8:1139-1144
13. Gaily EK, Shewmon A, Chugani H, **Curran JG**. "Asymmetric and Asynchronous Infantile Spasms" *Epilepsia*, 1995;36(9):873-882
14. Sankar R, **Curran JG**, Kevill JW, Rintahaka PJ, Shewmon A, Vinters HV. "Microscopic Cortical Dysplasia in Infantile Spasms: Evolution of White Matter Abnormalities." *American Journal of Neuroradiology*, June 1995;16:1265-1272
15. Villablanca P\*, **Curran JG**, Arnold A, Lufkin, R. Orbit and Optic Nerve. *Topics in Magnetic Resonance Imaging*, 1996;8(2):87-110
16. Davanzo P, Ke Y, Thomas A, Anderson C, King B, Belin T, Levitt J, **Curran JG**, Guze B. "Proton MR Spectroscopy In Lesch-Nyhan Disease." *American Journal of Neuroradiology*, April 1998;19:672-674

17. Bartzokis G, Altshuler LL, Greider T, **Curran J**, Keen B, Dixon WJ Reliability of Medial Temporal Lobe Volume Measurements using Reformatted 3D Images *Psychiatry Research* 1998 Apr 10;82(1): 11-24
18. Altshuler LL, Bartzokis G, Grieder T, **Curran J**, Mintz J. Amygdala Enlargement in Bipolar Disorder and Hippocampal Reduction in Schizophrenia: an MRI study demonstrating neuroanatomic specificity. *Archives of General Psychiatry* 1998 Jul; 55(7):663-664
19. Thomas A, Ke Y, Caplan R, Levitt J, **Curran JG**, Asarnow R, Mc Cracken J. Preliminary Study of Frontal Lobe <sup>1</sup>H MR Spectroscopy in Children Onset Schizophrenia. *Journal of Magnetic Resonance Imaging*. 1998 Jul-Aug;8(4):841-6.
20. Thomas MA, Huda A, Guze B, **Curran JG**, Bugbee M, Fairbanks L, Ke, Y, Oshiro T, Martin P, Fawzy F. Cerebral <sup>1</sup>H MR Spectroscopy and Neuropsychological Status of Hepatic Encephalopathy. *American Journal of Radiology* 1998; 171:1123-1130.
21. Lazareff J, Bockhorst K, **Curran JG**, Olmstead C, Alger J. Pediatric Low-grade Gliomas: Prognosis with Proton Magnetic Resonance Spectroscopic Imaging *Neurosurgery*, October 1998;43(4):809-818
22. Westra SJ, Lazareff J, **Curran JG**, Sayre JW, Kawamoto H, Jr. Transcranial Doppler to Evaluate Need for Cerebrospinal Fluid Drainage in Hydrocephalic Children. *Journal of Ultrasound in Medicine*, June 1998;17:561-56
23. Lee MH, Lufkin RB, Borges A, Lu DS, Sinha S, Farahani K, Villablanca P, **Curran J**, Hall T, Atkinson D, Kangerloo H *Journal of Computed Assisted Tomography* 1998 Nov-Dec 22(6): 998-1005
24. Licht EA, Jacobsen RH, **Curran JG**, Fujikawa DG. Electrographic Seizures and Cognitive Function: Raising Concerns for Low Frequency Events *Epilepsia*, 1999;40 (Suppl 7):59
25. Hooshang K, Valdez JA, Yao L, Chen S, **Curran JG**, Goldman D, Sinha U, Dionision J, Taira R, Sayre J, Seeger L, Johnson R, Barbaric Z, Steckel R. Improving the Quality of Care through Routine Teleradiology Consultation. *Academic Radiology*, 2000;7:149-155
26. Altshuler LL, Bartzokis G, Grieder T, **Curran JG**, Jimenez T, Leight K, Wilkins J Gerner R, Mintz J An MRI study of Temporal Lobe Structures in Men with Bipolar Disorder or Schizophrenia *Biological Psychiatry* 2000 Jul 15;48(2), 147-62
27. Rasgon N, Thomas MA, Guze BH, Fairbanks LA, Yue K, **Curran JG**, Rapkin A. Menstrual Cycle-Related Brain Metabolite Changes Using <sup>1</sup>H Magnetic Resonance Spectroscopy in Premenopausal Women: A Pilot Study. *Psychiatry Research: Neuroradiology Section*, 2001 ;106(1):47-57
28. Thomas A, Yue K, Binesh N, Davanzo P, Kumar A, Siegel B, Frye M, **Curran JG**, Lufkin R, Martin P, Guze B. Localized Two-Dimensional Shift Correlated MR Spectroscopy of Human Brain. *Magnetic Resonance in Medicine*. 2001;46:58-67

29. Alger JR, Frew AJ, Cloughesy TF, Del Vecchio W, Villablanca JP, **Curran JG**. Novel methodology for the archiving and interactive reading of clinical magnetic resonance spectroscopic imaging. *Magnetic Resonance in Medicine*. 2002 Sep;48(3):411-8
30. Koral K, **Curran JG**, Thompson A. Primary non-Hodgkin's lymphoma of the temporal bone, CT findings. *Clinical Imaging* 2003 Nov-Dec;27(6):386-8.
31. Lai, A, Maghami E, Borges A, Bonyadilou S, **Curran J**, Abemayor E, Lufkin R. MRI-Guided Access to the Retropharyngeal Space. *Journal of Magnetic Resonance Imaging* 2003 Mar 17(3): 317-22
32. **Curran JG**, O'Connor E. Imaging of Craniopharyngioma. *Childs Nervous System* 2005 Aug. 21(8-9):635-9.
33. Bitter KJ, Epstein LG, Melin-Aldana H, **Curran JG**, Miller ML Cyclophosphamide treatment of primary angitis of the central nervous system in children: report of 2 cases. *Journal of Rheumatology* 2006 Oct. 33 (10): 2078-80
34. Frye MA, Thomas MA, Yue K, Binesh N, Davanzo P, Ventura J, O'Neill J, Guze B, **Curran JG**, Mintz J. Reduced concentrations of N-Acetylaspartate (NAA) and the NAA-creatine ratio in the basal ganglia in bipolar disorder: a study using 3-Tesla proton magnetic resonance spectroscopy. *Psychiatry Research* 2007 Apr 15; 154 (3): 259-65
- 35.. Miller JH, Walkiewicz T, Towbin RT, **Curran JG**. Improved Delineation of Ventricular Shunt Catheters Using Steady State Gradient Echo Sequences in a Rapid Non-Sedated Pediatric Brain MRI Protocol. *American Journal of Neuroradiology* 2010 Mar;31(3):430-5

#### CHAPTERS:

1. Lufkin RB (Editor), **Curran JG**. Chapter 17. "Pediatric Neuroradiology." *The MRI Manual*, 2nd Ed. Published in Mosby, 1997
2. Taveras, JM (Editor, et al), **Curran JG**, Hall TR, Grant EG. "Infant and Neonatal Neurosonography: Technique and Normal Anatomy." *RADIOLOGY, Diagnosis-Imaging-Intervention*. Chapter 24, 1998;3:1-7
3. Taveras, JM (Editor, et al), **Curran JG**, Hall TR, Grant EG. "Infant and Neonatal Neurosonography: Pathology." *RADIOLOGY, Diagnosis-Imaging-Intervention*. Chapter 36, 1998;3:1-7
4. Lufkin R (Editor), Bittner C\*, Anzai Y, **Curran JG**. "MR-Guided Biopsy of the Head, Neck and Brain." *Interventional MR - Techniques and Clinical Experience*, 1998;195-207
5. Gupta RK, (editor) Lufkin RB, (editor), Koral K, Thomas A, **Curran JG**. Title of chapter: "Congenital Infection of the Brain", Title of the book: "MR Imaging and Spectroscopy of CNS Infection". 2001;259-272

**CASE REPORTS:**

1. **Curran JG**, Ryan MJ. "Hodgkin's Disease in a Patient with Polysplenia." *Brit J Radiology*, 1987;60:929-931
2. Jahan R\*, Mischel PS\*, **Curran JG**, Peacock W, Shields DW, Vinters HV. "Bilateral Neuropathological Changes In a Child With Hemimegalencephaly." *Pediatric Neurology*, 1997;17(4):344-349
3. Kjellin IB, Kaiserman KB, **Curran JG**, Geffner ME. "Aplasia of Right Internal Carotid Artery and Hypopituitarism." *Pediatric Radiology*, 1999;29:585-588
4. Koral K, Geffner, ME, **Curran JG**. "Trans-Sphenoidal and Sphenoethmoidal Encephalocele: Report of Two Cases and Review of the Literature. *Australasian Radiology* 2000;44:220-224
5. Higley MJ, Walkiewicz TW, Miller JH, **Curran JG**, Towbin RB Aplasia of the parotids glands with accessory parotid tissue *Pediatric Radiology* 2010 Mar; 40 (3):345-7
6. Higley MJ, Walkiewicz TW, Miller JH, **Curran JG**, Towbin RB Bilateral Complete Labyrinthine Aplasia with Bilateral Internal Carotid Artery Aplasia, Developmental Delay and Gaze Abnormalities: A Presumptive Case of a Rare HOXA1 Mutation Syndrome. *American Journal of Neuroradiology* 2010 Jan 14 (epub ahead of print publication)

**RESEARCH PAPERS - NON PEER REVIEWED:**

1. **Curran JG**, Blunck CE, Brink JA et al. Communication from the A<sup>3</sup>CR<sup>2</sup>: Resident perception of problem issues. *Investigative Radiology*, 1988;23:950-954

**SCIENTIFIC EXHIBITS:**

1. **Curran JG**, Nelson MD, Gilles F, et al. "Neurosonographic assessment of gyral development of the human brain." American Society of Neuroradiology, 28th Annual Meeting, Los Angeles, California, 1990.
2. Westra SJ, **Curran JG**, Petrus LV, Hall TR, Duckwiler G, et al. "Color Doppler ultrasound in pediatric head & neck arteriovenous malformations: evaluation of treatment results." Radiological Society of North America, Annual Meeting, 1991. And Society for Pediatric Radiology, Annual Meeting, May 16-18, 1992. (**Gold Medal Prize for Best Poster Presentation**)
3. Wong L, **Curran JG**, Hansen G, Rhooramaini H. "New imaging of the CNS in the newborn." American Roentgen Ray Society, Annual Meeting, May 10-15, 1992.
4. El-Saden S\*, **Curran JG**, Peacock W, Comair Y. "MRI of functional hemispherectomy." American Society of Neuroradiology, 30th Annual Meeting, St. Louis, Missouri, 1992.

5. Haker KM\*, **Curran JG**, El Saden S, Peacock W, Kangaroo H. "Phase-contrast MR imaging for evaluating disturbances of cerebrospinal fluid flow in children." Society for Pediatric Radiology 36th Annual Meeting, (Book of Abstracts). Seattle, WA, May 12-15, 1993. (**Certificate of Merit**).
6. Zaninovic AC\*, Westra SJ, Mena F, Hall TR, **Curran JG**, Boechat MI. "Coexistence of intracranial hemorrhagic and ischemic lesions in the premature infant: sonographic appearance." Society for Pediatric Radiology 36th Annual Meeting, (Book of Abstracts). Seattle, WA, May 12-15, 1993. ARRS, San Francisco, CA, April 1993. RSNA, Chicago IL, Dec., 1993. (**Awarded Certificate of Merit**).
7. Hall TR, **Curran JG**, Westra SJ, Kangaroo H, Boechat MI, Grant EG. "Isolation of the fourth ventricle causing transtentorial herniation: neurosonographic findings in premature infants." ARRS, San Francisco, CA, April, 1993. RSNA, Chicago, IL, Dec., 1993.
8. Zaninovic AC\*, Hall TR, Westra SJ, Haker KM, **Curran JG**, Boechat MI. "Magnetic resonance imaging of pediatric cervical masses." SPR, 36th Annual Meeting, Seattle WA, (*Book of Abstracts*), May 1993.
9. **Curran JG**, Westra SJ, El Saden S, Hall TR, Boechat MI, Vinters HV. "MR imaging in children epilepsy." Presented at the 79th Scientific Assembly and Annual Meeting, Radiological Society for North America, Chicago, IL, December 1993, and SPR, May 1994.
10. **Curran JG**, Quiñones D, Westra SJ, El-Saden SM, Hall TR, Boechat MI, Vinters HV, Farria D. "Infantile epilepsy in magnetic resonance images." Presented at the Iberolatinoamerican Society of Diagnostic and Therapeutic Neuroradiology, VI Congress, June 8-10, 1994. (**Awarded 1st Place Prize**).
11. Lopez-Miranda B\*, **Curran JG**, Quiñones D, Westra SJ, Hall TR, Boechat MI. "Assymetry of the brain: Differential diagnosis and radiologic manifestations." Presented at the 38th Annual Meeting, The Society for Pediatric Radiology, Washington DC, April 1995.
12. Bockhorst K\*, Lazareff J, **Curran JG**, Alger A. "MRSI of pilocytic astrocytomas: evaluation of metabolic pattern." Society of Magnetic Resonance, Third Scientific Meeting and Exhibition; and European Society for Magnetic Resonance in Medicine and Biology Twelfth Annual Meeting and Exhibition, August 19-25, 1995.
13. Huda A, Thomas A, Bugbee M, Ke Y, Oshiro T, Strouse T, **Curran JG**, Guze B. "Regional variations of metabolites in hepatic encephalopathy." Society of Magnetic Resonance, Third Scientific Meeting and Exhibition; and European Society for Magnetic Resonance in Medicine and Biology Twelfth Annual Meeting and Exhibition, August 19-25, 1995.
14. Lazareff JA, Alger J, Bockhorst K, **Curran JG**. "Proton magnetic resonance spectroscopy of multiple tumor areas and of adjacent and distant brain tissue in patients with LGA." XXIII Annual Meeting International Society for Pediatric Neurosurgery, September 1995.
15. **Curran JG**, Thomas MA, Menkes J, Ke Y, Levitt J, Oshiro T, King B, Davanzo P, McCracken J. "Magnetic resonance spectroscopy of children with neurological disorders."

Presented at The Western Neuroradiological Society Annual Meeting, Victoria BC Canada, October 5-8, 1995.

16. Thomas MA, **Curran JG**, Huda A, Bugbee M, Ke Y, Oshiro T, Strouse T, Guze BH. "Magnetic resonance imaging and spectroscopy of hepatic encephalopathy." Presented at The Western Neuroradiological Society, Annual Meeting, Victoria BC Canada, October 5-8, 1995.
17. Villablanca JP\*, **Curran JG**, Sinha U, Raleigh MJ. "MR of brain maturation in the vervet monkey: normal white matter myelination." Presented at the 81st Scientific Assembly and Annual Meeting of the Radiological Society of North America, Nov. 26-Dec. 1, 1995.
18. Villablanca JP\*, **Curran JG**, Chan K, Raleigh MJ. "MR of brain maturation in normal vervet monkeys: volumetric brain analysis." Presented at the 81st Scientific Assembly and Annual Meeting of the Radiological Society of North America, Nov. 26-Dec. 1, 1995.
19. Levitt J, Ke Y, Thomas A, **Curran JG**, Smalley S, McCracken J. "MR imaging and spectroscopy of children with developmental psychiatric disorders." Presented at the 81st Scientific Assembly and Annual Meeting of the Radiological Society of North America, Nov. 26-Dec. 1, 1995.
20. Lopez-Miranda B\*, Westra SJ, Hall TR, **Curran JG**, Boechat MI, Shaw A. "Over-calling child abuse." Presented at the 81st Scientific Assembly and Annual Meeting of the Radiological Society of North America, Mc Cormick Place, Chicago, IL, Nov. 26-Dec. 1, 1995.
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25. Hurteau J\*, **Curran JG**, Kjellin IB, Menkes J, DeSalles A, Boechat MI. "Thalamotomy and pallidotomy for movement disorder in children." Presented at the 83rd Scientific Assembly and Annual Meeting of the Radiological Society of North America, Mc Cormick Place, Chicago, IL, Nov. 30-Dec. 5, 1997. (**Certificate of Merit**).

26. Altshuler LL, Bartzokis G, Grieder T, **Curran JG**, Mintz J. "Specific limbic differences in MRI of schizophrenic and bipolar subjects." Abstract 33, "Brain Imaging" poster session, Society of Biological Psychiatry Annual Meeting, 1997.
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28. Yue K, Rasgon N, Thomas A, Guze B, Fairbanks L, **Curran JG**, Rapkin A. "Cerebral Metabolite Changes Across the Menstrual Cycle in Women with PMDD and Controls. A Preliminary Report. The International Society of Magnetic Resonance in Medicine. Denver, CO, April 1-7, 2001. (Poster Presentation)
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29. Lai AP, Hooshi P, Villablanca P, **Curran JG**. "Utility of 3D Reconstruction in MR Negative Frontal Lobe Epilepsy: Preliminary Results of a Histological Correlation". To be Presented at The American Society of Neuroradiology Annual Meeting, Boston MA, April 23-27, 2001. (Poster Exhibit)
30. Miller JH, Carballo C, Walkiewicz T, Towbin R, **Curran JG** "Serial Neonatal Injury Diffusion Changes during Hypothermic Therapy" The American Society of Neuroradiology Annual Meeting, Boston MA, May 15-20, 2010 (Poster Exhibit)

#### **ABSTRACTS:**

1. **Curran JG**, Vinters HV, Koh S, Shields WD, Mathern GW. "Coexistent Tumor and Cortical Dysplasia in Pediatric Epilepsy Patients: Imaging Findings. The ASNR 38<sup>th</sup> Annual Meeting, Atlanta, GA. April 2-8, 2000.
2. Alger JR, Frew AJ, Cloughesy TF, del Vecchio W, **Curran JG**. Novel Information Management Methodology for Interactive Reading of over 1000 Magnetic Resonance Spectroscopic Imaging Studies. Annual Meeting of the International Society for Magnetic Resonance in Medicine. Glasgow, Scotland. April 2001.

#### **PRESENTATIONS:**

1. "X-Rays". School of Nursing – 238-B Pediatric Nurse Practitioner Students. March 15, 2000.
2. "X-Rays". School of Nursing – 238-B Pediatric Nurse Practitioner Students. November 1, 2000.

3. “Advances in Pediatric Neuroradiology”. Pediatric Grand Rounds. Huntington Memorial Hospital. Pasadena, CA. September 12, 2001.
4. “X-Rays”. School of Nursing – 238-B Pediatric Nurse Practitioner Students. October 24, 2001.