

E. Brannon Morris III M.D.

Curriculum Vitae

Education:

- 1986 Wake Forest University
- 1989 B.A. University of Georgia (English Literature and Composition)
- 1998 M.D. Medical School of Georgia

Honors and Awards:

- Dean's Student Research Fellowship Award, 1995 (Medical College of Georgia)
- 19th Annual Resident Research Award, 4th place poster 2001 (University of Tennessee, Chattanooga Unit)
- Child Neurology Society, Outstanding Junior Member Award, 2004

Certification:

- State of Georgia, 2010
- State of Tennessee, 2004-present
- State of Minnesota, 2001-2004
- State of Arizona, 2001

Appointments:

- 1990-1991 Assistant to Customs Agent, Air Express International, Reston, VA
- 1991-1993 GED Instructor, Commonwealth of Virginia State Prison System, Fairfax, VA
- 1993-1994 Home Health Aide/Office Assistant, Partners in Home Care, Missoula, MT
- 1998-2001 Residency, University of Tennessee, Chattanooga, TN (General Pediatrics)
- 2001-2004 Residency, Mayo Clinic, Rochester, MN (Child and Adolescent Neurology)
- 2004-2005 Fellowship, Pediatric Neuro-Oncology, St. Jude Children's Research Hospital, Memphis, TN (Pediatric Neuro-Oncology)
- 2005-2010 Assistant Member, Divisions of Neurology, Neuro-Oncology, and Cancer Survivorship. Department of Oncology, St. Jude Children's Research Hospital, Memphis, TN
- 2005-2010 Assistant Professor, Department of Pediatrics. LeBonheur Children's Hospital, Memphis, TN
- 2007-2010 Secondary Appointment, Department of Epidemiology and Cancer Control, St. Jude Children's Research Hospital, Memphis, TN
- 2010 Clinical Associate Professor, Department of Neurology, Medical College of Georgia, Augusta GA

Memberships:

- 1998-2003 American Society of Bioethics and Humanities
- 1998-2006 American Academy of Pediatrics
- 2001-present American Academy of Neurology
- 2001-present Child Neurology Society

Grant Support:

- ACS, RSGPB-06-210-01 CPPB, Physical Performance, Disability and QOL in Childhood Brain Tumor, 5% effort

Publications/Original Articles:

1. Morris EB, Carter BS. Decision making for severely brain injured newborns. *Pharos Alpha Omega Alpha Honor Med Soc.* 2001 Spring;64(2):4-9. PMID: 12517078 [PubMed - indexed for MEDLINE]
2. Morris EB, Mack KJ. Ataxia-Telangectasia. In: Gilman S, editor. *Medlink.* San Diego. Arbor Publishing, <http://www.medlink.com/>, 2004.
3. Morris EB, Mack KJ. Opsoclonus-Myoclonus. In: Gilman S, editor. *Medlink.* San Diego. Arbor Publishing, <http://www.medlink.com/>, 2005.
4. Morris EB, Gajjar A, Hoehn ME. Ocular neuromyotonia: video case report. *Neurology* 66(8):E27, 2006.
5. Morris EB, Parisi J, Buchhalter J. Histopathological findings of malformations of cortical development in an epilepsy surgery cohort. *Arch Pathol Lab Med* 130(8):1163-1168, 2006.
6. Morris EB, Laningham F, Sandlund J, Khan R. Posterior reversible encephalopathy syndrome in children with cancer. *Pediatr Blood Cancer* 48(2):152-159, 2007.

- 7. Morris EB, Gajjar A, Okuma JO, Yasui Y, Wallace D, Kun LE, Merchant TE, Fouladi M, Broniscer A, Robison LL, Hudson MM. Survival and Late mortality in long-term survivors of pediatric CNS tumors. *J Clin Oncol* 25:1532-1537, 2007.
- 8. Laningham FH, Kun LE, Reddick WE, Ogg RJ, Morris EB, Pui CH. Childhood central nervous system leukemia: historical perspectives, current therapy, and acute neurological sequelae. *Neuroradiology* 49(11):872-888, 2007.
- 9. Laughton SJ, Merchant TE, Sklar CA, Kun LE, Fouladi M, Broniscer A, Morris EB, Sanders RP, Krasin MJ, Shelso J, Xiong Z, Wallace D, Gajjar A. Endocrine outcomes for children with embryonal brain tumors after risk-adapted craniospinal and conformal primary-site irradiation and high-dose chemotherapy with stem-cell rescue on the SJMB-96 trial. *J Clin Oncol* 26(7):1112-1118, 2008.
- 10. Kurt BA, Armstrong GT, Cash DK, Krasin MJ, Morris EB, Spunt SL, Robison LL, Hudson MM. Primary care management of the childhood cancer survivor. *J Pediatr* 152(4):458-466, 2008.
- 11. Fouladi M, Chintagumpala M, Ashley D, Kellie S, Gururangan S, Hassall T, Gronewold L, Stewart CF, Wallace D, Broniscer A, Hale GA, Kasow KA, Merchant TE, Morris EB, Krasin M, Kun LE, Boyett JM, Gajjar A. Amifostine protects against cisplatin-induced ototoxicity in children with average-risk medulloblastoma. *J Clin Oncol* 26(22):3749-3755, 2008.
- 12. Sanders RP, Onar A, Boyett JM, Broniscer A, Morris EB, Qaddoumi I, Armstrong GT, Boop FA, Sanford RA, Kun LE, Merchant TE, Gajjar A. M1 medulloblastoma: High risk at any age. *J Neurooncol* Aug 15, 2008.
- 13. Morris EB, Shelso J, Smeltzer MP, Thomas NA, Karimova EJ, Li CS, Merchant T, Gajjar A, Kaste SC. The use of bone age for bone mineral density interpretation in a cohort of pediatric brain tumor patients. *Pediatr Radiol*. 2008 Dec;38(12):1285-92. Epub 2008 Sep 4.
- 14. Morris EB, Kasow K, Reiss U, Ellison D, Broniscer A. Bone marrow transplantation for severe aplastic anemia secondary to temozolomide. *J Neurooncol*. 2009 Jan;91(2):237-9. Epub 2008 Sep 26.
- 15. Klosky JL, Randolph-Frye ME, Navid F, Gamble HL, Spunt SL, Metzger ML, Daw N, Morris EB, Hudson MM. Sperm cryopreservation practices among adolescent cancer patients at risk for infertility. *Pediatric Hematology and Oncology*. 2009 Jun;26(4):252-60.
- 16. Broniscer A, Baker SJ, Stewart CF, Merchant TE, Laningham FH, Schaiquevich P, Kocak M, Morris EB, Endersby R, Ellison DW, Gajjar A. Phase I and pharmacokinetic studies of erlotinib administered concurrently with radiotherapy for children, adolescents, and young adults with high-grade glioma. *Clin Cancer Res*. 2009 Jan 15;15(2):701-7.
- 17. Jasper BW, Conklin HM, Lawford J, Morris EB, Howard SC, Wu S, Xiong X, Shelso J, Khan RB. Growth effects of methylphenidate among childhood cancer survivors: a 12-month case-matched open-label study. *Pediatr Blood Cancer*. 2009 Jan; 52(1):39-43.
- 18. Ledet DS, Wheless JW, Rubnitz JE, Morris EB. Levetiracetam as monotherapy for seizures in a neonate with acute lymphoblastic leukemia. *Eur J Paediatr Neurol*. 2009 Jan 29.
- 19. Brugnoletti F, Morris EB, Laningham FH, Patay Z, Pauley JL, Pui CH, Jeha S, Inaba H. Recurrent intrathecal methotrexate induced neurotoxicity in an adolescent with acute lymphoblastic leukemia: Serial clinical and radiologic findings. *Pediatr Blood Cancer*. 2009 Feb;52(2):293-5.
- 20. Morris EB, Li CS, Khan RB, Sanford RA, Boop F, Pinlac R, Xiong X, Merchant TE. Evolution of neurological impairment in pediatric infratentorial ependymoma patients. *J Neurooncol*. 94 (3): 391-8, 2009 Mar 29.
- 21. McCarville MB, Monu N, Smeltzer MP, Li CS, Laningham FH, Morris EB, Shulkin BL. PET-CT of the Normal Spinal Cord in Children(1). *Acad Radiol*. 2009 May 7.
- 22. Klosky JL, Randolph ME, Navid F, Gamble HL, Spunt SL, Metzger ML, Daw N, Morris EB, Hudson MM. Sperm cryopreservation practices among adolescent cancer patients at risk for infertility. *Pediatr Hematol Oncol*. 2009 Jun;26(4):252-60.
- 23. Conklin HM, Lawford J, Jasper BW, Morris EB, Howard SC, Ogg SW, Wu S, Xiong X, Khan RB. Side effects of methylphenidate in childhood cancer survivors: a randomized placebo-controlled trial. *Pediatrics*. 2009 Jul;124(1):226-33.
- 24. Morris EB, Nicholas SP, Fred HL, Zoltan P, Amar G, Dana W, Frederic B, Robert S, Kirsten KN, Robert JO. Proximal Dentatothalamocortical Tract Involvement in Posterior Fossa Syndrome. *Brain*. 132 (11):3087-95. Nov. 2009.
- 25. Morris EB, Partap S, Yeom K, Gibbs I, Fisher P, King A. Cerebrovascular Disease in Childhood Cancer Survivors: A Children's Oncology Group Report. *Neurology*. 2009 Dec 1;73(22):1906-13.
- 26. Van Poppel K, Broniscer A, Patay Z, Morris EB. Alexander disease: An important mimicker of focal brainstem glioma. *Pediatr Blood Cancer*. 53:1355-1356, 2009.
- 27. Miller NG, Reddick WE, Kocak M, Glass JO, Löbel U, Morris B, Gajjar A, Patay Z. Cerebellocerebral Diaschisis Is the Likely Mechanism of Postsurgical Posterior Fossa Syndrome in Pediatric Patients with Midline Cerebellar Tumors. *AJNR Am J Neuroradiol*. 2009 Oct 1. [Epub ahead of print].
- 28. Van Poppel K, Ellison D, Broniscer A, Patay Z, Morris EB. Alexander Disease: An important mimicker of focal brainstem glioma-response. *Pediatr Blood Cancer*. 2009 Oct. 23. [Epub ahead of print].

Presentations:

1. Morris EB, Carter B. "Potential Utility of Proximate-Person Approach to Decision Making for Severely Brain-Injured Newborns" Platform Presentation: The American Society of Bioethics and Humanities Annual Meeting. Houston TX, 1998.
2. Morris EB, Stevens C. "Etiologic yield of neurologic/genetic evaluations of children with autistic behavior" Moderated Poster Presentation: UTCOM-Chattanooga Unit Annual Resident Research Day, 2001.
3. Neuro-Oncology Clinical Fellow Candidate Conference, St. Jude Children's Research Hospital; Memphis, TN Malformations of Cortical Development 9/15/2003
4. Morris EB, Parisi J, Buchhalter J. "Malformations of Cortical Development- Pathologic Findings in Patients with Intractable Epilepsy" Moderated Poster Presentation: Child Neurology Society Annual Meeting. Ottawa, Canada, 2004.
5. Morris EB, Laningham F, Sandlund J, Khan R. "Posterior Reversible Encephalopathy Syndrome in Children with Cancer" Poster Presentation: Child Neurology Society Annual Meeting. Los Angeles, CA, 2005.
6. Morris EB, Merchant T, Kocak M, Broniscer A, Fouladi M, Krasin M, Kun LE, Gajjar A. "Therapy and Long-term Survival in Patients with Central Nervous System (CNS) Germinoma: The St. Jude Children's Research Hospital (SJCRH) Experience (1987-2004)" Platform Presentation: International CNS Germ Cell Tumor Conference; Los Angeles, CA, 2005.
7. Visiting Professor Lecture: Malformations of Cortical Dysplasia- Pathologic Findings in Patients with Intractable Epilepsy. University of Kentucky; Lexington, KY 12/7/2004
8. Morris EB, Gajjar A, Wallace D, Merchant T, Fouladi M, Broniscer A, Kun LE, Hudson MM. "Late Mortality in Long-term Survivors of CNS Cancer". Selected for Platform Presentation: 9th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer; Niagara-on-the-Lake, Ontario, Canada, 2006.
9. Morris EB, Gajjar A, Wallace D, Merchant T, Fouladi M, Broniscer A, Kun LE, Hudson MM. "Late Mortality in Long-term Survivors of CNS Cancer". Selected for Platform Presentation: 12th International Symposium on Pediatric Neuro-Oncology. June 6-9, 2006, Nara, Japan.
10. Morris EB, Hancock L, Hudson MM. "Long-term Neurological Sequelae in Pediatric CNS Cancer Survivors". Poster Presentation: Child Neurology Society Annual Meeting. Pittsburgh, PA, 2006.
11. Morris EB, Phillips N, Laningham F, Ogg R. "Evaluation of the Dentatohalamocortical Tracts by Diffusion-Tensor Imaging in Children with Posterior Fossa Syndrome". Poster Presentation: American Neurological Association. Washington, DC, 2007.
12. Morris EB, Khan R, Li C, Xiong X, Merchant T. "Neurological Function in Children with Infratentorial Ependymoma Following Conformal or Intensity-Modulated Radiation Therapy (CT/IMRT)". Moderated Poster Presentation: Child Neurology Society Annual Meeting. Quebec City, Quebec, 2007.
13. Morris EB, Onar A, Ledet D, Kun LE, Khan R. "Headache in Craniopharyngioma". Poster Presentation: Child Neurology Society Annual Meeting. Quebec City, Quebec, 2007.
14. Khan R, Hunt D, Ledet D, Pui CH, Howard S, Morris EB. "Seizures in Children With Acute Leukemia and Non-Hodgkin Lymphoma: Long-term Outcome and Risk Factors for Uncontrolled Seizures". Poster Presentation: Child Neurology Society Annual Meeting. Quebec City, Quebec, 2007.
15. Morris EB, Thomas N, Shelso J, Smeltzer M, Karimova E, Li C, Kaste SC. "Impact of bone age on classification of bone mineral density (BMD) deficits in pediatric brain tumor patients". Platform Presentation: 50th Annual meeting, Society for Pediatric Radiology. Miami, FL, 2007.
16. Morris EB, Thomas N, Shelso J, Smeltzer M, Karimova E, Li C, Kaste SC. "Impact of bone age on classification of bone mineral density (BMD) deficits in pediatric brain tumor patients". Poster Presentation: Poster Presentation: 89th Annual Meeting, The Endocrine Society. Toronto, ON, 2007.
17. Morris EB, Khan R, Li C, Xiong X, Merchant TE. "Neurological Function in Children with Infratentorial Ependymoma Following Conformal or Intensity-Modulated Radiation Therapy (CT/IMRT)". Poster Presentation: 10th International Conference, Long-Term Complications of Treatment of Children and Adolescents for Cancer, Niagara on the Lake, Ontario, Canada, 2008
18. Smith D, Crom DB, Xiong Z, Onar A, Hudson MM, Morris EB. Poster Presentation: Health Status in Long-term Survivors of Pediatric Craniopharyngiomas, 10th International Conference, Long-Term Complications of Treatment of Children and Adolescents for Cancer, Niagara on the Lake, Ontario, Canada, 2008.
19. Visiting Professor Lecture to Residents: Neurological Complications in Children with Systemic Cancer. Mayo Clinic 4/08
20. Visiting Professor Lecture: Neurologic Sequelae in Long-term Survivors of Pediatric CNS Tumors. Mayo Clinic 4/08
21. Neurologic Outcomes in Long-term Survivors of Childhood Acute Lymphoblastic Leukemia; GREATER MID-SOUTH PEDIATRIC NEUROLOGY UPDATE April 17-18, 2009
22. E. Brannon Morris MD, Nicholas S. Phillips, Fred H. Laningham MD, Zoltan Patay MD, Amar Gajjar MD, Dana Wallace MS, Frederick Boop MD, Robert Sanford MD, Kirsten K Ness PhD, Robert J. Ogg PhD. Proximal Dentatohalamocortical Tract Involvement in Cerebellar Mutism Syndrome, Poster Presentation: American Academy of

Neurology, Seattle, 2009.

- 23. Muhammad Taqi, Kathleen Helton, Frederick Boop, Thomas Merchant, E. Brannon Morris. Incidence and Longitudinal Follow-up of Unruptured Cerebral Aneurysms in Pediatric Brain Tumor Patients, Poster Presentation: American Academy of Neurology, Seattle, 2009.
- 24. E. Brannon Morris MD, Raja B. Khan MD, Davonna Ledet FNP, Carrie Howell MS, Ching-Hon Pui MD, Melissa M. Hudson MD, Kirsten K. Ness PhD. Neurological morbidity in survivors of childhood acute lymphoblastic leukemia (ALL). Poster Presentation: American Society Clinical Oncology, Orlando, 2009.
- 25. E. Brannon Morris MD, Raja B. Khan MD, Davonna Ledet FNP, Carrie Howell MS, Ching-Hon Pui MD, Melissa M. Hudson MD, Kirsten K. Ness PhD. Neurological morbidity in survivors of childhood acute lymphoblastic leukemia (ALL). Poster Presentation: Child Neurology Society Meeting, Louisville, 2009
- 26. E. Brannon Morris MD, Raja B. Khan MD, Davonna Ledet FNP, Carrie Howell MS, Ching-Hon Pui MD, Melissa M. Hudson MD, Kirsten K. Ness PhD. Neurological morbidity in survivors of childhood acute lymphoblastic leukemia (ALL). Poster Presentation: European Symposium on Late Complications after Childhood Cancer, Edinburgh Scotland, 2009
- 27. EB Morris, MM Hudson, Z Li, LL Robison, KK Ness. Are IGF-I Levels in Adult Survivors of Childhood ALL Associated with Decreased Vitality and/or Reduced Exercise Capacity? Poster Presentation: European Symposium on Late Complications after Childhood Cancer, Edinburgh Scotland, 2009

Memberships:

- 1998-2003 American Society of Bioethics and Humanities
- 1998-2006 American Academy of Pediatrics
- 2001-present American Academy of Neurology
- 2001-present Child Neurology Society

Journal Referee:

- Cancer
- International Journal of Radiation Oncology, Biology, Physics
- Journal of Pediatric Neurology
- Journal of Neuro-Oncology
- Pediatric Blood and Cancer
- The Cancer Journal
- Neuropediatrics
- Pediatric Transplantation

Career Development Activities:

- American Society of Bioethics and Humanities, Houston, TX, 1998
- Child Neurology Society, Nashville, TN, 1999
- Neonatal Nutrition Conference, MUSC, Charleston, SC, 1999
- At the conclusion of the activity, the participant should be able to define basic nutritional requirements for neonatal growth, describe specific nutritional problems faced by the low birthweight and/or premature infant, and identify nutritional concerns of the premature infant after hospital discharge
- Intensive Bioethics Course XXVII Kennedy Institute of Ethics, Georgetown University; June 2000
- Specific aims and objectives for the course are to introduce participants to the philosophical underpinnings of bioethics and current major topics in the field, and to provide them with the skills to define and describe various principles and approaches to bioethics in medical practice, law and public policy. Participants will understand and be able to demonstrate bioethical principles within a solid framework of decision-making in clinical, research and policy settings.
- Child Neurology Society, Washington, DC, 2002
- American Academy of Neurology Annual Meeting, Honolulu, HI, 2003
- Child Neurology Society, Ottawa, Canada, 2004
- Child Neurology Society; Los Angeles, CA, 2005
- International CNS Germ Cell Tumor Conference; Los Angeles, CA, 2005
- 9th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer; Niagara-on-the-Lake, Ontario, Canada, 2006
- Child Neurology Society Annual Meeting. Pittsburgh, PA, 2006
- Children's Oncology Group, Chicago, Spring Meeting 2007
- American Neurological Association; Washington, DC, 2007
- Child Neurology Society Annual Meeting; Quebec City, Quebec, 2007
- Children's Oncology Group, Denver, Fall Meeting 2007

- 10th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer; Niagara-on-the-Lake, Ontario, Canada, 2008
- Children's Oncology Group, Denver, Fall Meeting 2008
- Neuroimaging in Obesity Research, NIH, 2008
- American Academy of Neurology Annual Meeting, Seattle, 2009
- American Society Clinical Oncology (ASCO), Orlando, 2009
- Child Neurology Society, Louisville, 2009
- European Symposium on Late Complications after Childhood Cancer, Edinburgh Scotland, 2009

Mentorship:

- Vijay Ramaswamy, M.D. (University of Alberta, Canada); Cancer Neurology Rotation 4/1/00-4/30/09

Presentations:

- Subspecialty Education Conference, T.C. Thompson Children's Hospital; Chattanooga, TN:
- Concussion in young athletes 9/27/1999
- Lumbar Puncture in the presence of increased intracranial pressure 1/25/2000
- Osteopetrosis 3/23/2000
- Sleep disorders in children 2/1/2001
- Child Neurology Thursday Noon Conference, Mayo Clinic; Rochester, MN:
- Is infant screening for neuroblastoma a good idea? 4/17/2002
- Neuroprotection in the term infant 3/20/2003
- Osteoporosis and Epilepsy 3/23/2004
- Neurology/Neurosurgical Weekly Conference, Mayo Clinic; Rochester, MN:
- Case Presentation- Neonatal Brachial Plexus Lesion 5/8/2002
- Case Presentation- A Newborn with Stupor 10/21/2003
- Case Presentation- A Puzzling Myelitis 4/21/2004
- Case Presentation- Status Epilepticus in Patient with SLE 11/12/2004
- Clinical Neurophysiology Conference, Mayo Clinic; Rochester, MN:
- Case Presentation- Benign Fasciculations 9/20/2002
- Case Presentation- Neuromyotonia 11/18/2002 Resident Case Conference, Mayo Clinic; Rochester, MN:
- Case Presentation- Intracranial complications of Rhinosinusitis 2/26/2002 Resident Research Seminar, Mayo Clinic; Rochester, MN:
- Malformations of Cortical Dysplasia- Pathologic Findings in Patients with Intractable Epilepsy 5/11/2004 Solid Tumor Board, St. Jude Children's Research Hospital; Memphis, TN:
- Posterior Reversible Encephalopathy Syndrome in Children with Cancer 1/7/2005
- Postoperative Mutism in Children with Infratentorial Tumors 6/07
- Management of Seizures in Brain Tumor Patients 1/7/07 POE Lecture Series, St. Jude Children's Research Hospital; Memphis, TN:
- Pediatric Central Nervous System Cancer 7/05, 7/06, 7/07, 7/08 Pediatric Noon Lecture Series, Le Bonheur Children's Medical Center; Memphis, TN:
- Pediatric Central Nervous System Cancer 12/12/05 Hematology-Oncology Fellow Rounds, St. Jude Children's Research Hospital, Memphis, TN:
- Pediatric Non-CNS Solid Tumor Metastatic Disease 2/27/06
- Neurologic Emergencies in Pediatric Cancer 2/07, 7/08 M2 Neuroscience Course Lecture, Univ of Tennessee Medical School, Memphis, TN:
- Pediatric Central Nervous System Cancer 2/28/06, 3/4/07, 3/5/08, 3/6/09 Cancer Prevention and Control Program Meeting, St. Jude Children's Research Hospital:
- Neurological Morbidity in Survivors of ALL 10/15/07
- Premature Carotid Stenosis in Survivors of Childhood Hodgkin Disease 12/08/08 Neurobiology and Brain Tumor Program Meeting, St. Jude Children's Research Hospital:
- Survival and Late Mortality in Pediatric Brain Tumor Patients 9/8/06
- Measuring Neurologic Impairment in Pediatric Brain Tumor Patients 9/14/07
- Neurological Impairment Following Surgery and Conformal or Intensity-Modulated Radiation Therapy (CRT/IMRT) in Children with Localized Infratentorial Ependymoma 6/13/08
- Anatomical Disturbance in Posterior Fossa Syndrome 9/26/08

Administrative Responsibilities:

- Medical Education Committee: University of Tennessee, Chattanooga Unit, 2000-2001 Selected by peers to represent the Department of Pediatrics on this committee with institutional oversight of resident medical education
- Hospital Ethics Committee: University of Tennessee, Chattanooga Unit, 1998-2001 Resident representative for Department of Pediatrics on this committee with institutional oversight of the ethical practice of medicine
- Neurology Curriculum Committee: Mayo Clinic, 2003-2004 Selected by peers as a resident representative
- P&T Committee: St. Jude Children's Research Hospital, 2006-current
- General Medical Education Committee: St. Jude Children's Research Hospital, 2009-current