



CURRICULUM VIATE
ALFREDO QUIÑONES-HINOJOSA, M.D.
January 2009

DEMOGRAPHICS

Current Appointments

- Associate Professor of Neurosurgery, Oncology, Cellular and Molecular Medicine, and Neuroscience
Johns Hopkins University School of Medicine and Sidney Kimmel Comprehensive Cancer Center
- Director, Neurosurgical Pituitary Center
Johns Hopkins University School of Medicine
- Clinical Director, Brain Tumor Surgery Program
Johns Hopkins Bayview Hospital

Personal Data

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Department of Neurosurgery
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Bayview Medical Center
4940 Eastern Avenue, B-121
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EDUCATION AND TRAINING

Undergraduate Degree

- 1986 B.A. **Escuela Normal Urbana Federal Fronteriza, Mexicali, Mexico**
- Social Sciences and Humanities
 - Multidisciplinary teaching license
- 1991 **San Joaquin Delta Community College, Stockton, California**
- Transfer core curriculum to the University of California
- 1994 B.A. **University of California, Berkeley, California**
- Highest Honors
 - Psychology
 - Thesis: Long-term potentiation at the lateral perforant path-nucleus accumbens synapse in the rat *in vivo*

Doctoral/Graduate Degree

- 1999 M.D. **Harvard Medical School, Boston, Massachusetts**
- Cum Laude
 - Thesis: Ischemia studies in the rabbit retina *in vitro*: neuroprotection by metabolic inhibition

Postdoctoral Training

- 2000 **University of California, San Francisco, California**
- Internship – General Surgery
 - Most Valuable Intern Award
- 2003 **University of California, San Francisco, California: Training in Clinical Research**
- Department of Epidemiology and Biostatistics
 - The Summer Clinical Research Workshop
- 2004 **University of California, San Francisco, California: NIH Postdoctoral Fellowship**
- PI: NIH Grant 1F32NS 47011
 - Department of Developmental and Stem Cell Biology
- 2005 **University of California, San Francisco, California**
- Residency – Neurosurgery
 - Howard Naffziger Neurological Surgery Resident Award

PROFESSIONAL EXPERIENCE

- 1987-1988 Migrant Farm Worker
San Joaquin Valley, Fresno, California
- 1988-1991 Crew Leader, California Railcar Repair
Stockton, California
- 1990-1991 Statistics Tutor, Tutor Learning Center
San Joaquin Delta College, Stockton, California
- 1992-1994 Calculus & Physics Assistant, Professional Development Program
University of California, Berkeley
- 1994 Laboratory Assistant, Neuroscience Department
University of California, Berkeley
- 2002-2004 House Officer, Internal Medicine,
Saint Francis Hospital, San Francisco
- 2005-2007 Assistant Professor of Neurosurgery and Oncology
Johns Hopkins University School of Medicine
Sidney Kimmel Comprehensive Cancer Center
- 2005 Attending Neurosurgeon

Johns Hopkins Hospital

- 2005 Attending Neurosurgeon
Johns Hopkins Bayview Hospital
- 2007 Assistant Professor of Cellular and Molecular Medicine
Johns Hopkins University School of Medicine
- 2007 Assistant Professor of Neuroscience
Johns Hopkins University School of Medicine
- 2008 Associate Professor of Neuroscience
Johns Hopkins University School of Medicine

Administrative Appointments

- 2005 Clinical Director, Brain Tumor Surgery Program
Johns Hopkins Bayview Hospital

RESEARCH ACTIVITIES

Peer-reviewed Publications

1. **A. Quiñones-Hinojosa**, B.E. Derrick, E.J. Barea-Rodriguez, P.H. Janak & J.L. Martinez, Jr. "Long-term potentiation at the lateral perforant path-nucleus accumbens synapse in the rat *in vivo*". *Journal of Psychobiology*, 26 (3), 169-175, 1998.
2. KI Maynard, **A. Quiñones-Hinojosa**, CS Ogilvy. "Magnesium and Mexiletine Combined Inhibit Neuronal Metabolism and Protect Against Ischemia in the *In Vitro* Rabbit Retina ". *Neuroreport* 18 (21), 1998.
3. C. S. Ogilvy & **A. Quiñones-Hinojosa**. "Surgical treatment of vertebral and posterior inferior cerebellar artery aneurysms". *Neurosurgery Clinics of North America* 9:4, 1998.
4. **A. Quiñones-Hinojosa**, A. Ames III, JY Malek & KI Maynard,. " An *In vitro* Rabbit Retina Model to study Electrophysiologic and Metabolic Function During and Following Ischemia". *J Neurosci Methods*. 1999 Aug 15;90(2):107-15.
5. KI Maynard, **A. Quiñones-Hinojosa**, JY Malek. "Neuroprotection against ischemia by metabolic inhibition revisited: a comparison of hypothermia, a pharmacologic cocktail and magnesium plus mexiletine ". *Ann N Y Acad Sci*. 1999;890:240-54.
6. S.N. Kalkanis, **A Quiñones-Hinojosa**, E. Buzney, C. Ruiz, H. Beacon, & P. M. Black. Quality of life following surgery for intracranial meningiomas at Brigham and Women's Hospital: a study of 164 patients using a modification of the functional assessment of cancer therapy-brain questionnaire. *J Neurooncol*. 2000 Jul;48(3):233-41.
7. **A. Quiñones-Hinojosa**, R.M. Friedlander, E.A. Chiocca. "Solitary sciatic nerve B-cell lymphoma". Case report and literature review. *J Neurosurg*. 2000 Jan;92(1):165-9.
8. T. M. Moriarty, **A. Quiñones-Hinojosa**, E. Alexander III, P.L. Gleason, M. Ainslie, H. Isbister, R. Kikinis, F. Jolesz, R. Scwhartz, P.M. Black. "Frameless stereotactic neurosurgery in the intra-operative MRI: brain biopsy." *Neurosurgery*. 2000 Nov;47(5):1138-45; discussion 1145-6.
9. E.J. Woodard, S. P. Leon, T. M. Moriarty, **A. Quiñones-Hinojosa**, A. Zamani, F. Jolez. "Initial experience with intraoperative magnetic resonance imaging in spine surgery". *Spine* 2001 Feb 15;26(4):410-7.

10. G.E.Vates, **A Quiñones-Hinojosa**, VV Halbach, MT Lawton. “Conus perimedullary arteriovenous fistula with intracranial drainage: case report.” *Neurosurgery*. 2001 Aug;49(2):457-61; discussion 461-2
11. K.I. Auguste, **A. Quiñones-Hinojosa**, MT Lawton. “The tandem bypass: subclavian artery-to-middle cerebral artery bypass with dacron and saphenous vein grafts. Technical case report”. *Surg Neurol*. 2001 Sep;56(3):164-9.
12. M.H. Schmidt, **A Quiñones-Hinojosa**, W S Rosenberg. “Cervical Myelopathy Associated with Degenerative Spine Disease and Ossification of the Posterior Longitudinal Ligament.” *Seminars in Neurology*, 2002 Jun;22(2):143-8)
13. C. VonKoch, **A Quiñones-Hinojosa**, M Gulati, R Lyon, WJ Peacock, CD Yingling. “Clinical outcome in children undergoing tethered cord release utilizing intraoperative neurophysiological monitoring”. *Pediatric Neurosurg*. 2002 Aug;37(2):81-6.
14. **A. Quiñones-Hinojosa**, R Lyon, M Gulati, N Gupta, C Yingling. “Spinal Cord Mapping as an Adjunct for Resection of Intramedullary Spinal Cord Tumors”. *Neurosurgery*. 2002 Nov;51(5):1199-207
15. M.T. Lawton, **A Quiñones-Hinojosa**, N Sanai, JY Malek, CF Dowd. “Combined Microsurgical and Endovascular Management of Complex Intracranial Aneurysms.” *Neurosurgery*. 2003 Feb;52(2):263-75
16. **A Quiñones-Hinojosa**, EF Chang, SA Khan, MW McDermott. “Isolated Trigeminal Nerve Sarcoid Granuloma Mimicking Trigeminal Schwannoma.” *Neurosurgery*. 2003 Mar;52(3):700-5.
17. **A Quiñones-Hinojosa**, K I Auguste, M T Lawton. “Unusual Venous Drainage of a Brain Arteriovenous Malformation: Case Illustration.” *J Neurosurg*. 2003 Mar;98(3):642.
18. **A. Quiñones-Hinojosa**, J. Malek, A. Ames III, CS Ogilvy, & KI Maynard. "The Metabolic Effects of Mild and Moderate Hypothermia During Ischemia and its Neuroprotective Effects on the Recovery of Metabolic and Electrophysiologic Function in the Ischemic Rabbit Retina *In vitro*". *Neurosurgery*. 2003 May;52(5):1178-86; discussion 1186-7.
19. O.N. Gottfried, W. Gluf, **A. Quiñones-Hinojosa**, P. Kan, M.H. Schmidt. “Spinal meningiomas: surgical management and outcome”. *Neurosurgical Focus*, June 2003, Volume 14, Issue 6, Article 2.
20. **A Quiñones-Hinojosa**, EF Chang, MW McDermott. “Falco tentorial Meningiomas: Clinical, Radiological, and Surgical Features of Six Patients”. *Neurosurgical Focus*, June 2003, Volume 14, Issue 6, Article 11.
21. **A Quiñones-Hinojosa**, N Sanai, N J Fischbein, W S Rosenberg. “ Extensive Intradural Arachnoid Cyst of the Lumbar Spinal Canal: Case Illustration.” *Surg Neurol*. 2003 Jul;60(1):57-9.
22. **A Quiñones-Hinojosa**, SG Ojemann, N Sanai, WP Dillon, MS Berger. “Correlation of Intraoperative Cortical Mapping with Magnetic Resonance Imaging Landmarks to Preoperatively Predict Localization of Broca’s Area.” *J Neurosurg*. 2003 Aug; 99(2):311-8.
23. FL Acosta, **A Quiñones-Hinojosa**, MH Schmidt, PR Weinstein. “Diagnosis and Management of Sacral Tarlov Cysts”. *Neurosurg Focus*. 2003 Aug 15;15(2):E15
24. **A. Quiñones-Hinojosa**, M. Gulati, V. Singh, M.T. Lawton. “Spontaneous Intracerebral Hemorrhage due to Coagulation Disorders” *Neurosurg Focus*. 2003 Oct 15;15(4):E3.
25. KI Auguste, **A Quiñones-Hinojosa**, C Gadkary, G Zada, K Lamborn, MS Berger. “The Incidence of Venous Thromboembolism in Patients Undergoing Craniotomy and Motor Mapping Without Contralateral Intraoperative Mechanical Prophylaxis.” *J Neurosurg* 2003 Oct;99(4):680-4.
26. J A Walker, **A Quiñones-Hinojosa**, M S Berger. “Intraoperative speech mapping in bilingual patients undergoing tumor resection.” *Neurosurgery*. 2004 Jan;54(1):113-8.
27. **A. Quiñones-Hinojosa**, M.D., Devin K. Binder, M.D., Ph.D., J. Claude Hemphill III, M.D., Geoffrey T. Manley, M.D., Ph.D. “Diagnosis of Post-Traumatic Transverse Sinus Thrombosis with MRI/MRV: Report of Two Cases”. *J Trauma*. 2004 Jan;56(1):201-4.

28. **A Quiñones-Hinojosa**, C Gadkary, P Mummaneni, W S Rosenberg. “Split Spinal Cord Malformation in an Elderly Patient: Case Illustration.” *Surg Neurol.* 2004 Feb;61(2):201-3.
29. N Sanai, AD Tramontin, **A Quiñones-Hinojosa**, NM Barbaro, N Gupta, S Kunwar, MT Lawton, MW McDermott, AT Parsa, JM Garcia-Verdugo, MS Berger, A Alvarez-Buylla. “Unique astrocyte ribbon in adult human brain contains neural stem cells but lacks chain migration”. *Nature.* 2004 Feb 19;427(6976):740-4.
30. **A Quiñones-Hinojosa**, EF Chang, SA Khan, MT Lawton, MW McDermott. “Renal Cell Carcinoma Metastatic to the Choroid Plexus Mimicking Intraventricular Meningioma.” *Can. J. Neurol. Sci.* 2004; 31: 115-120
31. SW Hettis, JF Urban, **A Quiñones-Hinojosa**, CM Glastonbury. “The Shading Sign in Cerebral Squamous Cell Metastases”. *AJR Am J Roentgenol.* 2004 Apr;182(4):1087-8.
32. **A Quiñones-Hinojosa**, M Alam, R Lyon, MT Lawton. “Transcranial Motor Evoked Potentials During Basilar Aneurysm Surgery:Technique Application in 30 Consecutive Patients” *Neurosurgery.* 2004 Apr;54(4):916-24.
33. **A Quiñones-Hinojosa**, C Gadkary, M Gulati, R Lyon, C VonKoch, C D Yingling. “Neurophysiological Monitoring for Safe Surgical Tethered Cord Syndrome Release in Adults.” *Surg Neurol.* 2004 Aug;62(2):127-33; discussion 133-5.
34. **A Quiñones-Hinojosa**, R Lyon, C Ames, AT Parsa. “Neuromonitoring During Surgery for Metastatic Tumors to the Spine: Intraoperative Interpretation and Management Strategies.” *Neurosurg Clin N Am.* 2004 Oct;15(4):537-47.
35. Lawton MT, Vates GE, **A. Quiñones-Hinojosa**, McDonald WC, Marchuk DA, Young WL. A Giant Infiltrative Cavernous Malformation: Clinical Presentation, Intervention and Genetic Analysis. *Neurosurgery* 2004 55 (4): pp.979-980.
36. KI Auguste, **A Quiñones-Hinojosa**, MS Berger. “Evidence for the Use of Mechanical Prophylaxis for Venous Thromboembolism in Brain Tumor Patients” *Neurosurgical Focus, 17 (4); E3, 2004*
37. FL Acosta, CT Chin, **A Quiñones-Hinojosa**, CP Ames, PR Weinstein, D Chou. “Diagnosis and Management of Adult Pyogenic Osteomyelitis of the Cervical Spine.” *Neurosurg Focus* 17 (6):E2, 2004
38. **A Quiñones-Hinojosa**, P Jun, R. Jacobs, WS Rosenberg, PR Weinstein. “General Principles Regarding the Medical and Surgical Management of Spine Infections: A Multidisciplinary Approach”, *Neurosurg Focus* 17 (6):E1, 2004
39. J Smith, **A Quiñones-Hinojosa**, M Harmon-Smith, A Bolen, MW McDermott. “Sex Steroid and Growth Factor Profile of a Meningioma Associated with the Gravid State: Case Report and Review of the Literature” *Can. J. Neurol. Sci.* 32 (1): 122-127 FEB 2005
40. MT Lawton, **A Quiñones-Hinojosa**, EF Chang, T Yu. “Thrombotic Aneurysms: Classification Scheme and Management Strategies in Sixty-eight Patients.” *Neurosurgery.* 2005 Mar;56(3):441-54.
41. **A Quiñones-Hinojosa**, R Lyon, R Du, MT Lawton. “Intraoperative Motor Mapping of the Cerebral Peduncle During Resection of a Midbrain Cavernous Malformation: Technical Case Report”, *Neurosurgery.* 2005 Apr;56(2 Suppl):E439; discussion E439
42. **A Quiñones-Hinojosa**, R Lyon, G Zada, KR Lamborn , N Gupta, AT Parsa, MW McDermott, PR Weinstein. “Changes in Transcranial Motor Evoked Potentials During Intramedullary Spinal Cord Tumor Resection Predict Severity of Postoperative Motor Deficits” *Neurosurgery.* 2005 May;56(5):982-993
43. J Smith, **A Quiñones-Hinojosa**, N Barbaro, MW McDermott. “Frame-Based Stereotactic Biopsy Remains an Important Diagnostic Tool with Distinct Advantages over Frameless Stereotactic Biopsy” *J Neurooncol.* 2005 Jun;73(2):173-179
44. **A Quiñones-Hinojosa**, MT Lawton. “In Situ Bypass in the Management of Complex Intracranial Aneurysms: Technique Application in 13 Patients.” *Neurosurgery.* 2005 Jul;57(1 Suppl):140-5.

45. **A. Quiñones-Hinojosa**, N. Sanai, J Smith, M. W. McDermott. “Techniques to Assess the Proliferative Potential of Brain Tumors” *J Neurooncol.* 2005 Aug;74(1):19-30.
46. **A Quiñones-Hinojosa**, ML Ware, N. Sanai, MW McDermott. “Assessment of Image Guided Accuracy in a Skull Model: Comparison of Frameless Stereotaxy Techniques vs. Frame-Based Localization” *J Neurooncol.* 2005 Aug 1
47. **A Quiñones-Hinojosa**, P Jun, GT Manley, M Knudson N Gupta. “Airbag Deployment and Improperly Restrained Children: A Lethal Combination.” *J Trauma.* 2005 Sep;59(3):729-33
48. FL Acosta, **A Quiñones-Hinojosa**, CA Gaskary, MH Schmidt, CT Chin, WS Rosenberg., C Ames, PR Weinstein “Frameless Stereotactic Image Guided C1-C2 Transarticular Screw Fixation for Atlantoaxial Instability: Review of 20 Patients.” *J Spinal Disord Tech.* 2005 Oct;18(5):385-391.
49. N Sanai, **A Quiñones-Hinojosa**, N Gupta, V Perry, C Dowd, CB Wilson, M T Lawton. “Pediatric Intracranial Aneurysms: Durability of Treatment Following Microsurgical and Endovascular Management” *J Neurosurg (Pediatrics)* **104**:82–89, 2006
50. L Guo, **A Quiñones-Hinojosa**, C Yingling, PR Weinstein. “Continuous EMG Recordings and Intraoperative Electrical Stimulation for Identification and Protection of Cervical Nerve Roots During Foraminal Tumor Surgery.” *J Spinal Disord Tech.* 2006 Feb;19(1):37-42.
51. **A Quiñones-Hinojosa**, EF Chang, MT Lawton. “The Extended Retrosigmoid Approach: An Alternative to Radical Skull Base Approaches for Posterior Fossa Lesions” *Neurosurgery.* 2006 Apr;58(4 Suppl 2):ONS208-14.
52. MT Lawton and **A Quiñones-Hinojosa**. “Double Reimplantation Technique to Reconstruct Arterial Bifurcations with Giant Aneurysms: Operative Nuance.” *Neurosurgery.* 2006 Apr;58(4 Suppl 2):ONS347-ONS354.
53. **A Quiñones-Hinojosa**, P Jun, ER Kolen, W S Rosenberg, PR Weinstein. “Accuracy over Space and Time of Computer-Assisted Fluoroscopic Navigation in the Lumbar Spine In Vivo” *J Spinal Disord Tech.* 2006 Apr;19(2):109-113.
54. JS. Smith, **A Quiñones-Hinojosa**, JJ Phillips, AW Bollen, MW McDermott, S Cha. “Limitations of Diffusion-Weighted Imaging in Distinguishing Between a Brain Tumor and a Central Nervous System Histoplasma” *J Neurooncol.* 2006 Sep;79(2):217-8. Epub 2006 Jul 19.
55. **A Quiñones-Hinojosa**, N Sanai, M Soriano-Navarro, O Gonzalez, Z Mirzadeh, S Gil-Perotin, R Romero-Rodriguez, MS Berger; JM Garcia-Verdugo, A Alvarez-buylla, "Cellular Composition and Cytoarchitecture of the Adult Human Subventricular Zone: A Niche of Stem Cells" *J Comp Neurol.* 2006 Jan 20;494(3):415-34.
56. EL Jackson; JMGarcia-Verdugo; S Gil-Perotin; M Roy; **A Quiñones-Hinojosa**; S VandenBerg; A Alvarez-Buylla. “ PDGFRalpha positive (Type 2) astrocytes are neural stem cells in the adult SVZ that form glioma-like growths in response to increased PDGF signaling.” *Neuron.* 2006 Jul 20;51(2):187-99.
57. K Chaichana, G Zamora-Berridi, J Camara-Quintana, **A. Quiñones-Hinojosa**. “Neurosphere Assays: Growth Factors and Hormone Differences in Tumor and Non-tumor Studies.” *Stem Cells.* 2006 Dec;24(12):2851-7. Epub 2006 Aug 31.
58. MT Lawton and **A Quiñones-Hinojosa**, P. Jun. “ Supratonsillar Approach to the Inferior Cerebellar Peduncle: Anatomy, Surgical Technique, and Clinical Application to Cavernous Malformations.” *Neurosurgery.* 2006 Oct;59(4 Suppl 2):ONS244-ONS252.
59. S Chang, M Vogelbaum, F Lang, S Haines, S Kunwar, EA Chiocca, A Olivi, **A Quiñones-Hinojosa**, AT Parsa, J Sampson, R Warnick “GNOSIS: Guidelines for Neuro-Oncology: Standards for Investigational Studies—reporting of surgically based therapeutic clinical trials” *J Neurooncol.* 2006 Dec 5; [Epub ahead of print]
60. **A. Quiñones-Hinojosa**, N. Sanai, O. Gonzalez-Perez, J.M. Garcia-Verdugo. The Human Brain Subventricular Zone: Stem Cells in this Niche and its Organization. *Neurosurg Clin N Am.* 2007 Jan;18(1):15-20.

61. **A Quiñones-Hinojosa** and MW McDermott. Angled Screw Holes for Anterior Posts and a Frame Positioning Device for Gamma Knife Radiosurgery: Allowing for Better Targeting of Intracranial Lesions (*Neurosurgery* 2007 Apr;60(4 Suppl 2):339-43; discussion 343-4.
62. MT Lawton J. Narvid and **A Quiñones-Hinojosa**. Predictors of Academic Career Choice among Neurosurgery Residents and Residency Applicants. *Neurosurgery*. 2007 May;60(5):934-9; discussion 934-9.
63. **A Quiñones-Hinojosa** and K L Chaichana. The Human Subventricular Zone: A Source of New Cells and a Potential Source of Brain Tumors. (*Exp Neurol*. Jun;205(2):313-24. Epub 2007 Mar 23)
64. **A Quiñones-Hinojosa** , J H Chi, G.T. Manley. “Emergent Placement of Halo Orthosis after a Traumatic Cervical Injury Leading to a Cerebral Abscess.” *J Trauma*. 2007 Jun;62(6):E11-E13.
65. Chaichana KL, Capilla V, Pradilla G, Han J, Pardo CA, Olivi A, Brem H, Garcia-Verdugo JM, **Quinones-Hinojosa A**. Maintenance of Ex Vivo Human Tumor and Non-Tumor Cerebral Cortex Explants: A Human Model to Study Neurological Diseases. *J Neurosci Methods*. 2007 Aug 30;164(2):261-70. Epub 2007 May 16.
66. N. Sanai, **A Quiñones-Hinojosa**, J Narvid, S Kunwar. Safety and Efficacy of the Endonasal Transsphenoidal Approach For Giant Tumors of the Sella. (*J Neuroonc*, 2007 Dec 19)
67. EF Chang, G Zada, S Kim, KR Lamborn, **A Quinones-Hinojosa**, S Kunwar, CB Wilson. Long-term Recurrence and Mortality after Surgery and Adjuvant Radiotherapy for Endocrine-Inactive Pituitary Adenomas. (*J of Neurosurgery* 2008)
68. Kaisorn L. Chaichana, Matthew J. McGirt, James Frazier, Frank Attenello, Muraya Gathinji, Khoi Than, **Alfredo Quinones-Hinojosa**, Relationship of Glioblastoma Multiforme to Neural Stem Cell Regions Predicts Survival Following Tumor Resection. (*Journal of Neuro-Oncology* 2008)
69. Chang EF, Zada G, Kim S, Lamborn KR, **Quinones-Hinojosa A**, Tyrrell JB, Wilson CB, Kunwar S, Long-term recurrence and mortality after surgery and adjuvant radiotherapy for nonfunctional pituitary adenomas. (*J Neurosurg*. 2008 April; 108 (4): 736-745)
70. Niazi T, M.D., **Alfredo Quinones-Hinojosa, M.D.**, Schmidt MH, M.D., Management of brain abscesses associated with halo fixation, *Neurosurg Focus*. 2008;24(6):E14
71. Matthew J. McGirt, Kaisorn L .Chaichana, Muraya Gathinji, Frank Attenello, Khoi Than, Amado Jimenez Ruiz, Alessandro Olivi, **Alfredo Quinones-Hinojosa**. Persistent outpatient hyperglycemia is independently associated with decreased survival after primary resection of malignant brain astrocytomas. *Neurosurgery*. 2008 Aug;63(2):286-91
72. Ghathinji M, McGirt MJ, Attenello FJ, Chaichana KL, Than K, Olivi A, Weingart JD, Brem H, **Quinones-Hinojosa A**. Association of preoperative depression and survival alter resection of malignant brain astrocytoma. *Surg Neurol*. 2008 Sep 10.
73. McGirt MJ, Chaichana KL, Ghathinji M, Attenello FJ, Than K, Olivi A, Weingart JD, Brem H, **Quinones-Hinojosa A**. Extent of surgical resection is independently associated with survival in patients with malignant brain astrocytoma. *Neurosurgery*. 2008 Oct;63(4):700-7 .
74. McGirt M, Chaichana K, Weingart J, Attenello F, Than K, Olivi A, Brem H, **Quinones-Hinojosa A**. Extent of surgical resection is independently associated with survival in patients with hemispheric low-grade glioma. *Neurosurgery*. 2008 Oct;63(4):700-7.
75. Attenello F, McGirt MJ, Olivi A, Weingart J, **Quinones-Hinojosa A**, Brem H. Ten-year institutional experience with Gliadel wafer polymers; Assessment of efficacy and treatment related morbidity. *Ann Surg Oncol*. 2008 Oct;15(10):2887-93.
76. McGirt MJ, Than K, Weingart JD, Chaichana KL, Attenello FJ, Olivi A, Laterra JJ, Kleinberg LR, Grossman SA, Brem H, **Quinones-Hinojosa A**. Gliadel (BCNU) wafer plus concomitant temozolamide therapy after primary resection of glioblastomas multiforme. *J Neurosurg*. 2008 Dec 1.

77. James Frazier, Kaisorn Chaichana, George Jallo, **Alfredo Quinones-Hinojosa**, Combined endoscopic and microscopic management of pediatric pituitary region tumors through one nostril: technical note with case illustrations. *Childs Nerv Syst* 2008 24:1469-1478.
78. Chaichana KL, McGirt MJ, Woodworth GF, Dato G, Tamargo RJ, Weingart J, Olivi A, Brem H, **Quinones-Hinojosa A**. Persistent outpatient hyperglycemia is independently associated with survival, recurrence and malignant degeneration following surgery for hemispheric low grade gliomas. *Neurol Res*. 2009 Jul 8.
79. Chaichana KL, McGirt MJ, Niranjan A, Olivi A, Burger PC, **Quinones-Hinojosa A**. Prognostic significance of contrast-enhancing low-grade gliomas in adults and a review of the literature. *Neurol Res*. 2009 Feb 12.
80. Frazier JL, **Quinones-Hinojosa A**. Isolated Whipple disease of the brain resembling a tumour. *Acta Neurochir (Wien)*. 2009 Feb;151(2):173-5. Epub 2009 Feb 5.
81. McGirt MJ, Than KD, Weingart JD, Chaichana KL, Attenello FJ, Olivi A, Lattera J, Kleinberg LR, Grossman SA, Brem H, **Quiñones-Hinojosa A**. Gliadel (BCNU) wafer plus concomitant temozolomide therapy after primary resection of glioblastoma multiforme. *J Neurosurg*. 2009 Mar;110(3):583-8.
82. Guerrero-Cázares H, Chaichana KL, **Quiñones-Hinojosa A**. Neurosphere culture and human organotypic model to evaluate brain tumor stem cells. *Methods Mol Biol*. 2009;568:73-83.
83. Chaichana KL, Parker SL, Olivi A, **Quiñones-Hinojosa A**. Long-term seizure outcomes in adult patients undergoing primary resection of malignant brain astrocytomas. *J Neurosurg*. 2009 Apr 3.
84. Sun P, Xia S, Lal B, Eberhart CG, **Quinones-Hinojosa A**, Maciaczyk J, Matsui W, Dimeco F, Piccirillo SM, Vescovi AL, Lattera J. DNER, an Epigenetically Modulated Gene, Regulates Glioblastoma-Derived Neurosphere Cell Differentiation and Tumor Propagation. *Stem Cells*. 2009 Apr 9;27(7):1473-1486.
85. Chaichana KL, McGirt MJ, Lattera J, Olivi A, **Quiñones-Hinojosa A**. Recurrence and malignant degeneration after resection of adult hemispheric low-grade gliomas. *J Neurosurg*. 2009 Apr 10.
86. Rodríguez D, Cheung MC, Housri N, **Quinones-Hinojosa A**, Camphausen K, Koniaris LG. Outcomes of Malignant CNS Ependymomas: An Examination of 2408 Cases Through the Surveillance, Epidemiology, and End Results (SEER) Database (1973-2005). *J Surg Res*. 2009 May 14.
87. Mukherjee D, Zaidi H, Kosztowski T, Chaichana K, Salvatori R, Chang D, **Quinones-Hinojosa A**. Predictors of Access to Pituitary Tumor Resection in the United States, 1988-2005. *Eur J Endocrinol*. 2009 May 15.
88. Kosztowski T, Zaidi HA, **Quiñones-Hinojosa A**. Applications of neural and mesenchymal stem cells in the treatment of gliomas. *Expert Rev Anticancer Ther*. 2009 May;9(5):597-612.
89. Zaidi HA, Kosztowski T, DiMeco F, **Quiñones-Hinojosa A**. Origins and clinical implications of the brain tumor stem cell hypothesis. *J Neurooncol*. 2009 May;93(1):49-60. Epub 2009 May 9.
90. Chaichana KL, Guerrero-Cazares H, Capilla-Gonzalez V, Zamora-Berridi G, Achanta P, Gonzalez-Perez O, Jallo GI, Garcia-Verdugo JM, **Quiñones-Hinojosa A**. Intra-operatively obtained human tissue: protocols and techniques for the study of neural stem cells. *J Neurosci Methods*. 2009 May 30;180(1):116-25. Epub 2009 Mar 5.
91. **Quiñones-Hinojosa A**, Chang EF, Chaichana KL, McDermott MW. Surgical considerations in the management of falcotentorial meningiomas: advantages of the bilateral occipital transtentorial/transfalcal craniotomy for large tumors. *Neurosurgery*. 2009 May;64(5 Suppl 2):260-8; discussion 268.

Book Chapters

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61. Matthew J McGirt, Frank Attenello, Muraya Gathinji, Khoi Than, Kaisorn L. Chaichana, Ghazala Dato, **Alfredo Quiñones-Hinojosa**. "Extent of surgical resection in independently associated with survival in patients with malignant and low-grade brain astrocytoma" AANS 2008 Meeting. Chicago. 2008
62. Matthew J McGirt, Ghazala Dato, April Atiba, Muraya Gathinji, Frank Attenello, Kaisorn L. Chaichana, **Alfredo Quiñones-Hinojosa**. "Association of uncontrolled hyperglycemia on perioperative morbidity and mortality, length of hospitalization, and healthcare cost for resection of supratentorial brain neoplasms" AANS 2008 Meeting. Chicago. 2008
63. Matthew J. McGirt, Muraya Gathinji, Frank Attenello, Khoi Than, Kaisorn L. Chaichana, Amado Jimenez Ruiz, **Alfredo Quiñones-Hinojosa**. "Persistent outpatient hyperglycemia is independently associated with decreased survival after surgical resection of malignant brain astrocytoma" AANS 2008 Meeting, Chicago. 2008

64. Chaichana KL, McGirt MJ, Laterra J, **Quiñones-Hinojosa A**: Recurrence and malignant degeneration following surgical resection of adult hemispheric low grade gliomas (CNS, Orlando, FL. – 9.21.08)
65. Chaichana KL, McGirt MJ, Woodworth GF, Niranjana A, Carson B, Weingart JD, Ahn ES, Jallo GI, **Quinones-Hinojosa A**: Factors Associated with Recurrence and Survival for Pediatric Supratentorial Malignant Gliomas. (CNS, Orlando, FL – 9.21.08)
66. McGirt MJ, Chaichana KL, Dato G, Attenello F, Mukherjee D, Wingart JD, **Quinones-Hinojosa A**: Effect of Surgically Acquired Motor and Language Deficits on Survival after Resection of Glioblastoma Multiforme. (CNS, Orlando, FL – 9.21.08)
67. McGirt MJ, Chaichana KL, Frazier JL, Attenello F, Gathinji M, Dato G, Thank KD, **Quinones-Hinojosa A**: Relationship of Glioblastoma Multiforme to the Subventricular Zone Predicts Survival Following tumor Resection. (CNS, Orlando, FL – 9.21.08)
68. McGirt MJ, Chaichana KL, Frazier JL, Attenello F, Gathinji M, Dato G, Thank KD, **Quinones-Hinojosa A**: Relationship of Glioblastoma Multiforme to the Subventricular Zone Predicts Survival Following tumor Resection. (CNS, Orlando, FL – 9.21.08)
69. **Alfredo Quinones-Hinojosa**, Debraj Mukherjee, Kaisorn L Chiachana and David Chang National disparities and trends in patient access to craniotomies for brain tumor, 2001-2005.
70. **Alfredo Quinones-Hinojosa**, Debraj Mukherjee, Kaisorn L Chiachana and David Chang. National disparities in access to hypophysectomy among pituitary tumor patients, 2001-2005.
71. **Alfredo Quinones-Hinojosa**, James Frazier, Michael Lim, Temozolomide for low-grade gliomas: predictive impact of 1p/19q loss on response and outcome 2007-2008
72. **Alfredo Quinones-Hinojosa**, Precision Focal Irradiation of the mouse brain and validation with gH2AX immunohistochemistry: Application to Stem Cell Studies

Submitted Abstracts and Scientific Platform Presentations

Extramural Sponsorship

Current Research Support

Project number: Pending P.I.: Hugo Guerrero-Cazares Role on project: Mentor Project title:	Project Period: 01/2009-12/2010 Annual Direct Costs: \$5,650	
Source: Sistema Nacional de Investigadores del Consejo Nacional de Ciencia y Tecnologia (National Researchers System of the Science and Technology Science Council)		
Project number: 104268 P.I.: Alfredo Quinones-Hinojosa Role on project: Principal Investigator	Project Period: 07/2008-06/2010 Annual Direct Costs: \$115,000	
Project title: Characterization of Anti-Glioma Response and Migratory Patterns of IL-12 Secreting Human Mesenchymal Stem Cells Source: Maryland Technology Development Corporation		
Project number: 104544 P.I.: John Laterra	Project Period: 07/2008-06/2010	

Role on project: Co-Investigator	Annual Direct Costs: \$115,000	
Project title: Molecular Mechanisms of Tumor-Propagation by Human Glioblastoma Stem Cells		
Source: Maryland Technology Development Corporation		

Project number: 103659	Project Period: 07/2008-06/2010	
P.I.: Andre Levchenko	Annual Direct Costs: \$115,000	
Role on project: Co-Investigator		
Project title: Control of Human Neural Stem Cell Survival, Proliferation and Differentiation, using Novel Micro- and Nano-fluidic Platforms		
Source: Maryland Technology Development Corporation		

Project number: 104280	Project Period: 07/2008-06/2010	
P.I.: Hugo Guerrero-Cazares	Annual Direct Costs: \$55,000	
Role on project: Co-Principal Investigator		
Project title: Migration of Human Brain Tumor Stem Cells in Response to Slit Proteins		
Source: Maryland Technology Development Corporation		

Project number: Pending	Project Period: 07/2009-06/2012	
P.I.: John Laterra	Annual Direct Costs: \$150,000	
Role on project: Co-Principal Investigator		
Project title: The biology and therapeutic targeting of brain cancer stem cells		
Source: The James S. McDonnell Foundation		

Project number: Pending	Project Period: 07/2009-06/2011	
P.I.: Mihoko Kai	Annual Direct Costs: \$115,000	
Role on project: Co-Principal Investigator		
Project title: DNA Damage response in glioblastoma stem cells		
Source: Maryland Stem Cell Research Fund (TEDCO)		

Project number: Pending	Project Period: 01/2008-12/2009	
P.I.: Amar Patel	Annual Direct Costs: \$	
Role on project: Mentor		
Project title:		
Source: ABTA		

Project number: Pending	Project Period: 01/2008-12/2009	
P.I.: Adi Halthore	Annual Direct Costs:	
Role on project: Mentor		
Project title:		
Source: ABTA		

Project number: 102690	Project Period: 01/2008-01/2012	
P.I.: Alfredo Quinones-Hinojosa	Annual Direct Costs: \$105,000	
Role on project: Principal Investigator		
Project title: Neural and Cancer Stem Cells: Study of Migration and Transformation		
Source: Robert Wood Johnson Foundation		
<p>The major goal of this project is to determine whether aberrant NSCs can give rise to BTSCs, and, thus, provide insight into the cell of origin for brain tumorigenesis. Second, this study will allow us to understand which genes and signaling pathways are activated and shared among these different cell populations. Finally, this will likely lead to new targets in brain tumor therapies.</p> <p>Overlap: There is no budget overlap between this grant and the NIH KO8 grant. There is no intellectual, scientific, and effort overlaps to the NIH KO8 grant.</p>		

Project number: 905675 P.I.: Alfredo Quinones-Hinojosa Role on project: Principal Investigator	Project Period: 8/1/06-7/31/11 Annual Direct Costs: \$75,000	
Project title: Migration of Human Neural Stem Cells and their Transformation to Cancer Stem Cells Source: Howard Hughes Medical Institute Physician-Scientist Award <p>The major goal of this project is to determine the role of PDGF and EGF in the migratory ability of normal adult human stem cells and brain cancer stem cells as well as to determine the role of genetic manipulations of human SVZ stem cells (derived from SVZ astrocytes) and their potential transformation into cancer stem cells. Overlap: there is no budget overlap between this grant and the NIH KO8 grant. There is intellectual, scientific, and effort overlaps to the NIH KO8 grant.</p>		

Project number: 1K08NS055851 P.I.: Alfredo Quinones-Hinojosa Role on project: Principal Investigator	Project Period: 7/1/06-6/30/11 Annual Direct Costs: \$163,050	
Project title: Migration of Human Neural Stem Cells <i>In Vitro</i> and <i>In Vivo</i> Source: NIH/NINDS <p>The major goal of this project is to elucidate the subventricular zone (SVZ) cytoarchitecture of the fetal and young human brain and to study the role of EGF in the migratory ability of stem cells derived from the human SVZ.</p>		

Project number: Pending P.I.: Michael Bonaguidi Role on project: Mentor	Project Period: 07/2008-06/2010 Annual Direct Costs: \$55,000	
Project title: Extrinsic regulation of adult human neural and cancer stem cells in normal and disease states Source: Maryland Stem Cell Research Fund (TEDCO)		

Project number: Pending P.I.: Helim Aranda-Espinoza Role on project: Collaborator	Project Period: Annual Direct Costs: \$	
Project title: NSF MRI-R2: Acquisition of a Multiphoton Confocal Microscope and an Atomic Force Microscope for Inter- and Multi-disciplinary Research Source: NSF		

Project number: Pending P.I.: Juliette Lecomte Role on project: Collaborator	Project Period: Annual Direct Costs: \$	
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Project title: NSF MRI: Acquisition of a 700 MHz NMR Spectrometer

Source: NSF

Previous Research Support

Summer 1993

Medical School Research Fellowship

Cornell University

\$ 2,000.00

Quiñones-Hinojosa (PI) 100%

Goal was to study the differences in suicide patterns between women and men in New York City

1993 – 1994

Honor's Research Scholar (UC Berkeley)

Ford Baccalaureate Fellowship

\$ 2,000.00

Quiñones-Hinojosa (PI) 20 %

Goal was to study long term potentiation and synaptic plasticity in the nucleus accumbens responsible for addictive behavior

Summer 1994

Health Professional Research Fellowship in Neurobiology

T32 NS07112-15S1

NIH- NINDS

\$ 6,000.00

David Potter (PI) 100%

Goal was to learn molecular biology and clone the ecdysone receptor gene responsible for aggressive behavior in the American lobster *Homarus Americanus*

09/1994 – 12/1996

Research Training Grant Fellowship in Neurobiology

PO1 NS025915

NIH-

Edward Kravitz (PI) 20%

Goal was to learn molecular biology and clone the ecdysone receptor gene responsible for aggressive behavior in the American lobster *Homarus Americanus*

07/1997 – 06/1999

Medical Student Fellowship

Howard Hughes Medical Institute

\$56,000.00

Quiñones-Hinojosa (PI) 100%

Goal was to study the role of neuroprotective agents on neuronal ischemia

12/1998 – 06/1999

Squibb Fellowship in Academic Medicine

Bristol-Myers- Massachusetts General Hospital Department of Neurosurgery and
Harvard Medical School

\$6,000.00

Quiñones-Hinojosa (PI) 100%
Goal was to study the effect of hypothermia in neuronal activity

01/1999 – 05/1999 **Student Scholar in Cardiovascular Disease and Stroke**
American Heart Association- Massachusetts General Hospital Department of Neurosurgery and
Harvard Medical School

\$6,000.00

Quiñones-Hinojosa (PI) 100%
Goal was to study the incidence of hemorrhagic stroke in minority populations

07/2003 – 07/2004 **Ruth L. Kirschstein Individual National Research Service
Award**

NIH 1 F32 NS 47011-01

NIH- NINDS

\$49,002.00

Quiñones-Hinojosa (PI) 100 %
Goal was to study human neural stem cells and the cytoarchitecture of the human subventricular zone

01/2006 – 1/2007 **Johns Hopkins University Passano Physician Scientist Award**

Hopkins Medicine

\$60,000.00

Quiñones-Hinojosa (PI) 100 %
Migration of Human Neural Stem Cells *In Vitro* and *In Vivo*.

The major goal of this project is to elucidate the subventricular zone (SVZ) cytoarchitecture of patients with brain cancer and to study the role of EGF in the migratory ability of stem cells derived from the human SVZ in these patients.

05/2006-06/2007 **American Brain Tumor Association**

ABTA

\$32,000.00

Quiñones-Hinojosa (Mentor) 100%
The Phenotype of Migrating GBM Astrocytes

08/2006-07/2008 **Association of American Medical Colleges-Nickens Fellowship**

AAMC Nickens

\$15,000.00

Quiñones-Hinojosa (PI) 1%
Migration of Human Neural Stem Cells *In Vitro* and *In Vivo*

The major goal of this project is to address basic questions about the human brain, the cytoarchitecture, the precise location of stem cells, and molecular factors that regulate stem cell biology within the normal brain and in brain tumors

07/2007-06/2008 **Howard Hughes Medical Institute**

HHMI

\$32,000.00

Quiñones-Hinojosa (Mentor) 100%
The Role of EGF in the Migration of Human Neural Stem Cells and Brain Tumor Stem Cells *In Vitro* and *In Vivo*

The primary goal of this study is to ascertain whether epidermal growth factor (EGF) stimulation can induce adult human neural stem cells (hNSCs) to migrate in a manner similar to that seen in glioblastoma multiforme (GBM) astrocytes. It is our hypothesis that hNSCs will transform into a more aggressive phenotype and migrate in a manner similar to that of BTSCs

07/2007-07/2008

American Association of Neurological Surgeons

AANS

\$35,000.00

Quinones-Hinojosa (Mentor) 100%

The Role of PDGF and EGF in the Migratory Pattern of Brain Cancer Stem Cells and Comparison to Normal Fetal and Adult Human Stem Cells

The major goal of this project is to study stem cells in the human brain and consequently the effect that effect PDGF and EGF have on the migratory behavior of these stem cells. We will test the hypothesis that human adult stem cells have the ability to migrate and that their manipulation with PDGF and EGF can change them to a more aggressive migratory behavior that resembles that of high-grade tumors and/or the fetal human utilizing both in vitro and in vivo studies.

06/2008-05/2009

Howard Hughes Medical Institute

HHMI

\$76,000

Quinones-Hinojosa (Mentor) 100%

The treatment of malignant gliomas using genetically modified adult Mesenchymal Stem Cells as a selective delivery vehicle for therapeutic agents

06/2008-05/2009

Howard Hughes Medical Institute

HHMI

\$76,000

Quinones-Hinojosa (Mentor) 100%

Effects of platelet-derived growth factor receptor (PDGFR) signaling on tumor proliferation and progression from low-grade to high-grade

7/1/06-6/30/09

American Society of Clinical Oncology (ASCO) Foundation Award

ASCO

\$52,500

Quinones-Hinojosa (P.I.)

Migration of Human Neural Stem Cells *In Vitro* and *In Vivo*

The major goal of this project is to prospectively collect clinical data from patients with brain cancer (with authorization from patients and with approval from the University), to correlate the findings of cancer stem cells migratory ability to the final pathology and clinical outcome of patients.

Overlap: there is no budget overlap between this grant and the NIH KO8 grant. There is intellectual, scientific, and effort overlaps to the NIH KO8 grant.

7/1/06-6/30/08

American College of Surgeons Franklin Martin Faculty Research

Award

ACS

\$40,000

Quinones-Hinojosa (P.I.)

Migration of Human Neural Stem Cells *In Vitro* and *In Vivo*

The major goal of this project is to address basic questions about the human brain, the cytoarchitecture, the precise location of stem cells, and molecular factors that regulate stem cell biology within the normal brain and in brain tumors.

Overlap: there is no budget overlap between this grant and the NIH KO8 grant. There is intellectual, scientific, and effort overlaps to the NIH KO8 grant.

7/1/06-6/30/09

Children’s Cancer Foundation

CCF

\$82,000

Quinones-Hinojosa (P.I.)

Isolation, Characterization, Migration, and Transformation to Cancer Stem Cells of Human Pediatric Subventricular Zone Neural Stem Cells

The major goal of this project is to study the pediatric human brain and to isolate pediatric human neural stem cells as well as cancer stem cells and to characterize their migratory ability in addition to studying the ability of these neural stem cells to transform to cancer stem cells in the pediatric population.

Overlap: there is no budget overlap between this grant and the NIH KO8 grant. There is very little intellectual, scientific, and effort overlaps to the NIH KO8 grant

4/1/06-3/31/09

Brain Tumor Founder Collaborative

BTFC

\$40,000

Quinones-Hinojosa (Co-P.I.)

Tumor Stem Cell-Based Drug Discovery for Adult and Pediatric Glioma

The major goal of this project is to perform hypothesis-driven and unbiased high through-put in vitro drug screens to identify agents with activity against a unique panel of adult and pediatric glioma stem cell lines.

Overlap: there is no budget overlap to NIH KO8 grant. There is minimal intellectual, scientific, and effort overlaps to NIH KO8 grant.

Research Program Building/ Leadership

Brain Tumor Stem Cell Laboratory

Principal Investigator and Mentor

Study the organization of the human subventricular zone: a niche of stem cells, as well as the putative migration potential of neural and cancer stem cells

July 2005 to Present

Neurooncology Surgical Outcomes Research Group

Principal Investigator and Mentor

To assemble a team to study surgical and medical outcomes following CNS tumor-related surgery.

Jan 2007 to Present

EDUCATIONAL ACTIVITIES

Selective National Media Coverage

73. Profiled in Harvard Medical School 1996 Deans Annual Report, 1996

74. Profiled in Boston Globe Newspaper Cover Article, 1999

75. Profiled in NPR Interview, WBUR Boston, June 1999

76. Profiled in Hopkins DOME Cover Article: “The Remarkable Journey of Dr. Q”.

http://www.hopkinsmedicine.org/dome/0609/top_story.cfm

77. Featured in Latina Magazine: In Praise of Latin Men. November 2006
78. Featured in People En Espanol Magazine: “HSF Alumni Hall of Fame 2006”. December 2006
<http://www.youtube.com/watch?v=SotJToDUpuI>
79. Interview in the Howard Hughes Medical Institute Magazine, "Perspectives & Opinions" HHMI Bulletin. 2006 Nov;19(2):42
80. Profiled in the Baltimore Sun Newspaper Sunday Edition Cover Article: The Doctor is in, After a Long and Arduous Journey; October 29, 2006
<http://www.baltimoresun.com/news/nationworld/bal-te.surgeon29oct29,1,7880771.story?ctrack=1&cset=true>
81. Promise and Progress Cover Article- Winter 2007
82. Profiled in Hopkins Medicine Journal Article: Cover Article “Doctor Without Borders: The Alfredo Story” Winter 2007: <http://www.hopkinsmedicine.org/hmn/W07/feature1.cfm>
83. Profiled in an NPR WYPR Interview with Sheilah Kast: Maryland Morning. Jan 22, 2007
84. Profiled in the Johns Hopkins Bayview News Magazine, “Quinones’ Quest, Winter 2007, volume 23, No 1.
85. Profiled in ABC show: Hopkins 24/7, 2007
86. Profiled in ABC WJLA- interview with Gordon Peterson. Feb 27, 2007
<http://dynamic.wjla.com/watchvideo.hrb?s=wjla&id=1370>
87. Profiled in NBC WBAL- interview with John Sherman. March 5, 2007
<http://www.wbaltv.com/news/11177318/detail.html>.
88. Profiled in Fox News (Live)- Interview with Kelly Wright. March 11, 2007
89. Profiled in an NPR WUFT Interview with Candace Adorka: Mid-Florida Public Radio. April 27, 2007
90. Profiled in an NPR Interview with Debbie Elliot: All Things Considered Weekend Edition, May 6, 2007 <http://www.npr.org/templates/story/story.php?storyId=10013111>
91. Profiled in an CBS Interview with Steven Hartman in CBS Evening News with Katie Couric, May 18, 2007
http://www.cbsnews.com/stories/2007/05/18/assignment_america/main2827109.shtml
100. Profiled in The Diane Rehm Show (Live) NPR- Interview.
<http://wamu.org/programs/dr/gallery/aqh/>
92. Interview with Radio Show and Host Eli Bravo Radio Global, WNAM 1210 AM, Miami, August 1, 2007
93. Interview with W Radio, Live with Carolina Sandoval. August 20, 2007
94. Feature in Fresno Bee Newspaper, Fresno CA, August 20, 2007
95. Interview with Luisa Fernanda, Epicentro, Wash DC, August 25, 2007.
<http://www.epicentroradio.com/archive.html>
96. Interview with Miguel Almaguer, NBC4, Wash DC, October 4, 2007.
<http://video.nbc4.com/player/?id=163929>
97. Interview with Liliana Henao, Telemundo Washington, DC – WZDC, Oct 9, 2007
98. Profiled in “Baltimore Magazine”, Top Doctors, November 2007
99. Profiled in Sacramento Univision News, Feb 1, 2008
100. A Conversation With Alfredo Quiñones-Hinojosa: A Surgeon’s Path From Migrant Fields to Operating Room. New York Times. May 13, 2008.
<http://www.nytimes.com/2008/05/13/science/13conv.html?scp=2&sq=alfredo+quinones&st=nyt>
101. New York Times June, 2008
<http://www.nytimes.com/2008/06/05/arts/television/25docu.html?scp=1&sq=alfredo+quinones&st=nyt>
102. Good Morning America June 2008 <http://abcnews.go.com/video/playerIndex?id=5252282>
103. Good Morning America Radio June 2008
<http://abcnews.go.com/video/playerIndex?id=5259254>

104. ABC News Health with Erica Baumgart June 2008
<http://abcnews.go.com/Health/story?id=5247256&page=1>
105. ABC HOPKINS June 2008 http://hopkins.abcnews.com/dr_profiles/alfredo-quinones-hinojosa
106. Nova Science NOW July 2008 <http://www.pbs.org/wgbh/nova/sciencenow/0303/03.html>
107. NBC Today Show July 2008 <http://www.msnbc.msn.com/id/25802159/>
108. Midday with Dan Rodricks July 2008 http://www.wypr.org/mid_day.html
109. Profiled in “Baltimore Magazine”, Baltimore Grill August 2008
110. Health Magazine, “What the stars are really thankful for”, Nov 2008
<http://living.health.com/2008/10/15/celebrity-thankful-health/>
111. AARP Bulletin, “Brain Cancer, Could Adult Stem Cells be the Cause and the Cure?”, Nov 2008
http://bulletin.aarp.org/yourhealth/diseases/articles/cancer_could_adult_stem_cells_bethe_cause_and_the_cure.html
112. St Louis Beacon, “Inspiring’ Scientists say their research makes them feel like kids” Nov 2008
http://www.stlbeacon.org/health_science/science/inspiring_scientists_say_their_research_makes_them_feel_like_kids
113. “One-on-One with Maria Hinojosa”, WGBH Television April 2009
[Maria Hinojosa: One-on-One with Alfredo Quinones-Hinojosa | WGBH Multimedia](#)
114. La Opiniòn, “La vida del ‘Doctor Q’ contagia de inspiraciòn”, June 21, 2009
<http://www.impre.com/noticias/nacionales/2009/6/21/la-vida-del-doctor-q-contagia--131240-1.html>
115. The Orange County Register, “A Reminder of What America Means”, July 7, 2009
<http://headlines.ocregister.com/news/hinojosa-32772-qui%C3%B1ones-people.html>

Selective International Media Coverage

116. Profiled in “La Cronica” Newspaper, Mexicali, Mexico, March 25, 2007.
<http://www.lacronica.com/EdicionImpresa/ejemplaresanteriores/BusquedaEjemplares.asp?fecha=25/03/2007&seccion=1&subseccion=1&ppal=s>
117. Interview with Newspaper “Fronteras de la Noticia” Mexico, June, 2007
118. Interview with Newspaper “El mundo” Spain. August 13, 2007
<http://www.elmundo.es/elmundosalud/2007/08/08/medicina/1186597495.html>
119. Interview with Newspaper “El Mercurio” Chile. August 18, 2007
http://diario.elmercurio.com/2007/08/18/vida_y_salud/sociedad/noticias/DF112A25-C517-430A-A53C-38F711FB3D9D.htm?id={DF112A25-C517-430A-A53C-38F711FB3D9D}
120. Interview en “Aqui y Ahora”, UNIVISION, Dec 27, 2007
121. Interview in “Al Punto”, with Jorge Ramos, UNIVISION, March 28, 2008
122. Interview in “Sabado Gigante”, with Don Francisco, UNIVISION, March 29, 2008
123. ABC News with David Puente 2008
124. Interview with NY Times 2008
125. Eye on Harvard with Ogan Gurel April 2008
126. Insights in Medicine with Ogan Gurel April 2008
127. Hablemos de Salud with Dr. Elmer Huerta and Pablo Sanchez, April 2008
128. World View Exclusiva with David Puente May 2008
<http://abcnews.go.com/video/playerIndex?id=4867913>
129. Press Release for HOPKINS, New York, May 2008
130. Press Release for PBS NOVA Science NOW, New York, June 2008

131. MSN Interview with Yunie Kim <http://today.msnbc.msn.com/id/25802159>

Teaching:

Classroom Instruction

Spanish Literacy workshop leader and English Workshop Leader for migrant farm workers; Stockton, California	1990
Physics Workshop leader for Student Learning Center, UC Berkeley	1992–1993
Calculus Assistant for the Professional Development Program, UC Berkeley	1992–1994
MCAT workshop-leader for the Hispanic Center Of Excellence, University of California, Davis, School of Medicine	1993–1994
Harvard Medical School Tutor for Patient-Doctor II	9/ 1997– 11/ 1997
UCSF Medical School Mind Brain and Behavior Group Leader	Spring 2004
UCSF Medical School Elective Class	Spring 2004
Summer Program in Neuroscience, Ethics & Survival. Lecture on “The Neural Stem Cell Niche: Lessons for Future Regeneration of the CNS”. Marine Biological Laboratory, Woods Hole, MA	July 1, 2006
Summer Program in Neuroscience, Ethics & Survival. Lecture on “Access to the Brain: Using the Operating Room as an Extension of the Laboratory”. Marine Biological Laboratory, Woods Hole, MA	July 8, 2006
Summer Program in Neuroscience, Ethics & Survival: Lecture on “In Search of Cancer Stem Cells in Brain Tumors”. Marine Biological Laboratory, Woods Hole, MA	July 8, 2006
2nd Neuroscience School in Maracaibo and 4th Caribbean Neurobiology Course: Stem Cells in the Human Brain: Immunocytochemistry Techniques Maracaibo, Venezuela, Sponsored by IBRO	Sept 15-18, 2006
Neuroscience Graduate Course: Adult Neural Stem Cells Lecture Johns Hopkins Medical School	Feb 15, 2007
“First Endoscopic Skull Base Course” for Neurosurgery and ENT residents Role: Faculty organizer, sponsor, and lecturer	February 20, 2007
2nd year NeuroPath Course: Neural Stem Cells Lecture Johns Hopkins Medical School	March 2, 2007
1 st year Neuroscience Course: CNS Stem Cells Johns Hopkins Medical School	March 7, 2007
1st year Neuroscience Course: Brain Mapping Johns Hopkins Medical School	March 22, 2007
Skull Base Laboratory: Bifrontal Extended and Orbitozygomatic Approach at the Vista laboratory. Course Co-Director with Jim Conway and Khan Li	May 31, 2007
Skull Base Laboratory: Bifrontal Extended, Subtemporal, Subfrontal, and Far lateral Approaches at the Vista laboratory. Course Co-Director with James Frazier	Oct 13, 2007
Skull Base Laboratory at the Vista Laboratory	May 10, 2008
SPINES Lecture, Woods Hole, MA	June 2008
SPINES Lecture, Woods Hole, MA	July 2009

Clinical Instruction

Neurosurgery Brain Tumor Skull Base Monthly Resident Conference.
Role: Faculty Mentor and Director
Johns Hopkins Medical School, Meyer 801

Informal Teaching

2005 – Present

- Intraoperative neurosurgical instruction
- Daily neurosurgical service rounds
- Daily neuroradiology rounds
- Participation in weekly neurosurgical conferences and grand rounds
- Multidisciplinary brain tumor conferences
- Brain Tumor Stem Cell research laboratory meetings
- Clinical research, writing, and manuscript preparation
- Yearly mock oral boards for neurosurgery residents
- Monthly pituitary pathology and surgery teaching conference
- One-to-one instruction to residents at national brain tumor/skull base courses

CME Instruction

American Association of Neurological Surgeons Annual Meeting	April 1999
Role: Scientific Presenter of two lectures in the Vascular Section	
9 th International Facial Nerve Symposium	August 2001
Role: Scientific Presenter of one paper	
Congress of Neurological Surgeons Meeting	Oct 2001
Role: Scientific Presenter of four papers	
Congress of Neurological Surgeons Meeting	Oct 2003
Role: Scientific Presenter of two papers	
Congress of Neurological Surgeons Meeting	Oct 2004
Role: Scientific Presenter of one paper	
Congress of Neurological Surgeons Meeting	Oct 2005
Role: Scientific Presenter of one paper	

Please See also list of other CME credit lectures in the section: **Invited Lectureships, Visiting Professorships, and Grand Rounds**

Mentoring: Pre- and Post-doctoral

Name and Date	Program or School	Role	Awards Granted	Grant Support	Current Position
Elena Anghileri 2008-Present	Verona University Italy	Mentor		Stipend from Verona University in Italy	Graduate Student Fellow
Amar Patel 2007-2008	Johns Hopkins	Mentor	ABTA	ABTA	Medical Student

Courtney Pendelton 2008-Present	Johns Hopkins	Supervised Research	Johns Hopkins Dean's Research Award	JH Dean's Research Award	Medical Student
Adi Halhore 2007-2008	Dartmouth University	Mentor	ABTA	ABTA	Medical Student
Hatice Basdag 2007-2008	Johns Hopkins	Supervised Research		Other	Graduate Student
Hasan Zaidi 2008-Present	Johns Hopkins	Supervised Research	Howard Hughes Medical Institution	HHMI	Research Student
Thomas Kosztowski 2008-Present	Johns Hopkins	Supervised Research	Howard Hughes Medical Institution	HHMI	Research Student
Chris Smith 2007-Present	Johns Hopkins	Supervised Research		Other	Graduate Student
Guillermo Vela 2008-Present	Johns Hopkins	Supervised Research		Other	Graduate Student
Neda Sedora 2008-Present	University of Puerto Rico	Mentor		Other	Medical Student
April Atiba 2007-Present	Brown University	Mentor		Other	Research Student
Sofia Martinez	Johns Hopkins University	Mentor		Other	Graduate Student
Ernesto Gonzalez 2007-Present	Harvard University	Mentor		Other	Research Student
Pragathi Achanta, Ph.D. 2007-Present	Univesity of Texas San Antonio	Mentor		Other	Postdoctoral fellow
Ghazala Datoo	Hopkins Medicine	Mentor		Hopkins Deans Fellowship and NIH T32 Predoctoral Clinical Research Training Program	Research Student
Frank Atenello 2007-present	Hopkins Medicine	Mentor		Howard Hughes Medical Institute	Research Student
Ahmed Mohyeldin, Ph.D. 2007-present	Hopkins Medicine	Mentor		Nuerosurgery Reseaerch and Education Foundation	Postdoctoral fellow
Hugo Guerrero, M.D. Ph.D, 2007-present	Hopkins Medicine	Mentor		other	Postdoctoral fellow

James L. Frazier, M.D. 2007-present	Hopkins Neurosurgery	Mentor		Nuerosurgery Reseaerch and Education Foundation And NIH Student Loan Repayment	Postdoctoral fellow
Catherine Christie, B.S. 2006-present	University of California, San Francisco	Thesis and Research Advisor for MPH at Hopkins		Other	MPH student at Johns Hopkins
Grettel Zamora, B.S. 2005-present	Johns Hopkins	Thesis and Research Advisor		NIH	Medical Student, Michigan
Joaquin Camara- Quintana, B.S 2005- present	Johns Hopkins	Thesis and Research Advisor		NIH	Research Hopkins Stanford Medical School
Kaisorn Chaichana, B.S. 2005-present	Johns Hopkins	Thesis and Research Advisor	Harvey Cushing Medical Student Research Award, Henry Strong Denison Research Award, Paul Ehrlich Young Investigator’s Research Award, ABTA Research Fellowship	American Brain Tumor Association	Neurosurgery Resident, Hopkins
Alyssa Choi 2006-present	Johns Hopkins	Thesis and Research Advisor		Other	Undergraduate Student Hopkins
Ashwini Niranjan 2005-present	Johns Hopkins	Thesis and Research Advisor		Provost Undergraduate Research Award	Undergraduate Student Hopkins
Bryant McIver, 2005- present B.S.	Johns Hopkins	Thesis and Research Advisor		Hopkins Deans Research Fund	Medical Student Hopkins
Ariana Barkley 2005- 2005-2006	Johns Hopkins	Thesis and Research Advisor		Other	Undergraduate Student Hopkins
Shaan Raza, M.D. 2005-present	Johns Hopkins	Postdoctoral Research Advisor		Other	Neurosurgery Resident Hopkins
Melanie Santos 2006- Present	University of North Carolina	Research Advisor		Other	Hopkins
James Han 2005-present	Undergraduate at Hopkins	Supervised Research		Provost Undergraduate Research Award	Hopkins
Phillip Williams, B.S 2005-present.	Harvard Medical School	Supervised Research Year		N/A	Medical Student Harvard
Roxana Mesias, B.S. 2005-present	Undergraduate at Wheaton College	Research Supervision in my laboratory		Adams Professional Development	Undergraduate

				Fellowship	
Frank Acosta, M.D. 1997-2005	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Other	UCSF Resident in Neurosurgery
Nader Sanai, M.D. 2000-2005	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Howard Hughes Grant	UCSF Resident in Neurosurgery
Eddie Chang, M.D. 2002-2005	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Howard Hughes Grant	UCSF Resident in Neurosurgery
Chirag Gadkary, M.D. 2000-2003	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Doris Duke Fellowship	Stanford Neurosurgery Resident
Carlos Ledezma, M.D. 2003-2005	Harvard Medical School	Supervised and Mentored during Clinical and Research years		Other	Neurosurgery Resident at the University of Southern California
Junaid Malek, M.D. 1997-2000	Undergraduate at the University of Massachusetts	Research Supervision During his Undergraduate Honor's Thesis		Other	General Surgery Resident at Harvard
Gabriel Zada, M.D. 2001-2004	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Other	Resident in Neurosurgery at the University of Southern California
Jared Narvid, B.S. 2002-2006	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Howard Hughes Grant	UCSF Medical Student and Howard Hughes Fellow
Tania Kaprealian, M.D. 2002-2005	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Other	UCSF Radiation Oncology Resident
Zaman Mirzadeh 2002-2005	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Other	UCSF, Ph.D. Student
Peter Jun, M.D. 2002-2005	University of California San Francisco	Supervised and Mentored during Clinical and Research years		Howard Hughes Grant	UCSF Radiology Resident

Thesis Committees & Training Grant Participation

Training Advisory Committee and Faculty Member for Research Training in Neuro-Oncology at Johns Hopkins University and Sidney Kimmel Comprehensive Cancer Center. NIH sponsored grant (NIH 5T32CA009574)	2005-
Training Advisory Committee of the American Psychological Association Diversity Program in Neuroscience. NIH sponsored grant (NIH 5T32MH018882)	2006–
Training Advisory Committee and Faculty Member: The Summer Program in Neuroscience, Ethics, and Survival. NIH sponsored grant (NIH 2R25MH055929)	2006–
Training Advisory Committee and Faculty Member: Specialized Neuroscience Research Program Summer Research Program. NIH sponsored grant (NIH 5U54NS039409)	2006–

Extramural Sponsorship

NIH Travel Fellowships for Society for the Advancement of Chicanos and Native Americans in Science	1994, 1995
NIH-NINDS Travel Fellowship for the Society for Neuroscience	1995

CLINICAL ACTIVITIES

Certification

- Basic Life Support Certification (issued 7/1999)
- Advanced Cardiac Life Support Certification (issued 7/1999)
- Advanced Trauma Life Support Certification (issued 7/1999)
- California Medical License # A74329 (issued 4/19/01)
- Maryland Medical License # D0063470 (issued 7/12/05)

Clinical Responsibilities

1. Adult Neurosurgery Clinic: 1.5 days per week x 50 weeks per year
(12 hours per week, 8 new patients and 22 old patients per week)
2. General Adult Neurosurgery Consultation/On-call: on average every third night
3. Specialty: Tumor
Adult Neurosurgery Consultation/On-call: on call every night for any tumor cases at both hospitals: Johns Hopkins Hospital and Johns Hopkins Bayview Hospital (Approximately 95% of the year).
See approximately 5 consults per week with residents of in-house patients.
4. Neurosurgical operations: total approximately 225 cases per year (90% brain tumor cases)
Average 5 cases per week x 50 weeks per year (30 hours per week)

Clinical Program Building

Director, Brain Tumor Surgery Program at Johns Hopkins Bayview 2005 –

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

Neurology Chairperson Search Committee

Johns Hopkins Medical Institution

Appointed by Dean Miller

Nov 2006 to present

Committee on Graduate Education

Johns Hopkins Medical Institution

Appointed by Dean Miller

Feb 2008 to present

Editorial Activities

Editorial Board

1. **Self Assessment in Neurosurgery**, Topic Editor, Cerebrovascular Surgery, 2004
2. **Journal Neurosurgery** , 2004 to present
3. **Journal of Neurosurgery: Neurosurgical Focus**, *Topic Editor*, Stem Cells Opportunities in Neurosurgery, November 2005
4. **Journal of Neurosurgery Clinics of North America**, *Topic Editor*, Stem Cells in Neurosurgery, February 2007
5. **Congress of Neurological Surgeons Quarterly Journal**, *Editorial Board*, 2008 to present
6. **Annals of Surgical Oncology**, *Editorial Board*
7. **Neurology India**, *Editorial Board*
8. **Journal of Oncology**, *Editorial Board*, 2009 to present
9. **Self-Assessment in Neurological Surgery (SANS)**, *Contributing Editor*, 2009 to present
10. **World Neurosurgery**; *Global Associate Panel*, 2009 to present

Journal Peer Review Activities

1. **Neurosurgery**, 2004 to present
2. **Cancer Research Journal**, *ad hoc reviewer*, Jan 2007 to present
3. **Journal of the National Cancer Institute**, *ad hoc reviewer*, Jan 2007 to present
4. **Journal of Neurology**, *ad hoc reviewer*, March 2007 to present
5. **Journal of Experimental Neurology**, *ad hoc reviewer*, April 2007 to present
6. **Stem Cells Journal**, *ad hoc reviewer*, April 2007 to present
7. **Journal of Neurology (India)**, *ad hoc reviewer*, April 2007 to present
8. **Journal of Comparative Neurology**, *ad hoc reviewer*, April 2007 to present
9. **Journal of Neurosurgical Review**, *ad hoc reviewer*, April 2007 to present

10. **Journal of Rejuvenation Research**, *ad hoc reviewer*, July 2007 to present
11. **Journal of Neuro-Oncology**, *ad hoc reviewer*, Sept 2007 to present
12. **Cancer Letters**, *ad hoc reviewer*, June 2008 to present
13. **ONCOGENE**, *ad hoc reviewer*, August 2008 to present

Advisory Committees

National Academy of Sciences, Committee on Diversity, meeting at UC Irvine.	1993
Harvard Medical School, Committee on Admissions	1995–1996
	1997–1998
UCSF Graduate Medical Education Committee	2000–2003
Resident Representative to the Council of State Neurosurgical Societies	2003–2004
In-Training Liaison, Editorial Board Member: <i>Neurosurgery</i>	2003–2004
American Association of Neurological Surgeons Young Neurosurgeons Committee Member	2002–
Hispanic Scholarship Fund Mentor	2005–
Young Faculty Representative to the Council of State Neurosurgical Societies	2006–
Advisory Board to the CORD FOUNDATION	2007–
Advisory Board to Angels of the Operating Room Organization	2007–
Executive Committee Member for the American Association of Neurological Surgeons and the Congress of Neurological Surgeons Brain Tumor Section	2007–
Hispanic Scholarship Fund, Board of Directors	2007–
Cord Foundation, Scientific Review Board	2007–
State of Maryland STEM Task Force	2008–
Co-Chair CNS/AANS Tumor Section International Committee	2009–
Angels of the OR, Board of Directors	2009–

Professional Memberships

Society for Neuroscience	1993–
Society for the Advancement of Chicanos and Native Americans in Science	1993–
Pfeiffer Fellow, Hinton-Wright Society, Harvard Medical School	1994–
National Chicano Health Organization and Latin American Student Association, Harvard Medical School	1994–
Massachusetts Medical Society	1996–
American Medical Association	1996–
Boston Area Neuroscience Group	1997–
Association for Ethnic Diversity in the Neurosciences	1997–
American Association for the Advancement of Science	1998–
Society for Experimental Biology and Medicine	1998–
Sigma Xi Scientific Research Society	1999–
American Association of Neurological Surgeons (AANS)	2001–
Congress of Neurological Surgeons (CNS)	2001–
CNS/AANS Joint Section of Tumors	2001–
CNS/AANS Joint Section in Pediatric Neurosurgery	2001–
American College of Surgeons (ACS)	2006–

American Association for Cancer Research (AACR)	2006-
American Brain Tumor Association (ABTA)	2006-
American Society for Clinical Oncology (ASCO)	2006-

Conference Organizer, Session Chair

Co-chair, Latinos in Health and Education, UC Berkeley Sponsor: University of California, Berkeley. Role include organization of monthly health related symposiums for the undergraduate students	1993– 1994
Student Coordinator, Hinton-Wright Biomedical Research Society, Harvard Medical School Sponsor: Harvard Medical School. Role include organization of monthly research symposiums for the medical school community	1995– 1999
Student Coordinator, Prematriculation Biomedical Research Program, Harvard Medical School Sponsor: Harvard Medical School. Role include organization of yearly prematriculation summer research program for incoming medical students	1997– 1999
Student Co-chair and Moderator, SommaWeiss Research Symposium, Harvard Medical School Sponsor: Harvard Medical School. Role include organization of annual research symposium	April, 1998
Vice-Chair of the American Association of Neurological Surgeons Young Neurosurgeons Committee Silent Auction of the Neurosurgery Research and Education Foundation Sponsor: AANS. Role include organization of Silent Auction for the national meeting for fund raising for research in neurosurgery	2006
Chair and Director of Hopkins and Guadalajara International Neurooncology Symposium Sponsor: Hopkins University and the University of Guadalajara, Mexico Role include development of curriculum for this conference	2007
Chair of Stem Cell Section of Hopkins and Italy International Neurooncology Symposium Sponsor: Hopkins University and the Besta Institute, Milan, Italy, Role include development of curriculum for this conference	2007
Co- Chair of Academic Careers Symposium in the Brain Tumor International Meeting of the American Association of Neurological Surgeons and the Congress of Neurological Surgeons Sponsor: AANS and CNS in Wash D.C. Role include development of curriculum for this conference	2007
Chair of the American Association of Neurological Surgeons Young Neurosurgeons Committee Silent Auction of the Neurosurgery Research and Education Foundation Sponsor: AANS. Role include organization of Silent Auction for the national meeting for fund raising for research in neurosurgery	2007

Chair of Congress of Neurological Surgeons Scientific Committee Tumor Section Sponsor: Congress of Neurological Surgeons Role include development of curriculum for this national/international conference	2008
Chair and Director of Hopkins and Guadalajara International Neurooncology Symposium Sponsor: Hopkins University and the University of Guadalajara, Mexico Role include development of curriculum for this conference	2008

Consultantships

<i>Revolution Health Group</i> Brain Cancer Topic Specialist Role include review channel content for medical accuracy, provide editorial guidance and content program ideas, and write consumer articles in brain cancer	2006—
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RECOGNITION

Awards, Honors

San Jose State University Debate Tournament, Second Place in Speaker Points	1990
Outstanding Tutor Performance Award, San Joaquin Delta College, Stockton, California	1990– 1991
Helen Danner Memorial Scholarship, San Joaquin Delta College, Stockton, California	1991– 1992
President’s List, Delta College, San Joaquin Delta College, Stockton, California	1990, 1991
Memorial & Student Association Scholarships, San Joaquin Delta College, Stockton, California	1991– 1992
National Hispanic Scholarship Fund Scholarship	1992, 1996
University of California Berkeley, Scholarship	1991– 1994
Honor’s Research Scholar; UC Berkeley	1993
Honor’s List, UC Berkeley	1991– 1993
Student Life Achievement Award, UC Berkeley	1994
Harvard Medical School Scholarship	1994– 1997
Featured in Harvard Medical School Dean’s Annual Report	1996
Howard Hughes Medical Institute Support towards Completion of Medical Studies	1998– 1999
Listed in “Who’s Who” in the Field of Science	1998
Most Valuable Intern, San Francisco General Hospital	1999
Harvard Medical School Commencement Speech	1999
Harvard Medical School Graduation Multiculturalism Award	1999
Student Research Award, Association for Academic Surgery	1999
Ralph W. Ellison Graduation Award, National Medical Fellowships (NMF)	1999
Honorable Mention Award, Sigma Xi Scientific Research Society	1999

Congress of Neurological Surgeons Blue Ribbon Award for Poster Presentation	2002
San Francisco Police Department Commendation Award	2003
City of San Francisco Appreciation Award	2003
Class of 2003 Annual Clinical Teaching Award, UCSF	2003
Edwin Boldrey Science Award, 55 th Annual Meeting San Francisco Neurological Society	2003
First Place, Region IX Resident Paper Competition, American College of Surgeons	2003
Howard Naffziger Neurological Surgery Resident Award, UCSF	2004
Harold Amos Research Society Lecture, Harvard Medical School	2004
Alpha Omega Alpha Medical Honor Society, Class of 2004, UCSF	2004
AANS Bittner Award, American Association of Neurological Surgeons (1 st author: <i>Changes in Transcranial Motor Evoked Potentials During Intramedullary Spinal Cord Tumor Resection Predict Severity of Postoperative Motor Deficits</i>)	2004
AANS Journal of Neurooncology Award, American Association of Neurological Surgeons (2 nd author: <i>Frame-Based Stereotactic Biopsy Remains an Important Diagnostic Tool with Distinct Advantages over Frameless Stereotactic Biopsy</i>)	2004
Edwin Boldrey Science Award, 57 th Annual Meeting San Francisco Neurological Society	2005
Hispanic Scholarship Fund “Hall of Fame” Induction, Wash D.C.	2006
NIH Loan Repayment Program	2006
NIH Mentored Clinician Scientist Award, Grant Number: 1K08NS055851	2006
Howard Hughes Medical Institute Physician-Scientist Career Award	2006
Association of American Medical Colleges Herbert W. Nickens Award	2006
American Society of Clinical Oncology Foundation Career Development Award	2006
American College of Surgeons, Franklin Martin Faculty Research Award	2006
Passano Physician Scientist Award, Johns Hopkins University	2006
American Association of Neurological Surgeons Lorenz Surgical Young Clinician Investigator Award	2006
Harvard Medical School 2007 Ebert Lecture	2007
Hopkins Medical School Dean’s Lecture	2007
The Johns Hopkins Hospital Department of Neurosurgery, Richard J. Otenasek, Jr, Faculty Teaching Award	2007
Robert Wood Johnson Foundation Award	2007
Popular Science Magazine Brilliant 10 Scientists Award	2007
Baltimore Magazine US Top Docs	2007
Hispanic Business Journal Top 100 Most Influential Hispanics in the U.S.	2007
University of California Davis Distinguished Dean’s Lecture	2008
AANS Bittner Award, American Association of Neurological Surgeons (Senior author: <i>Extent of surgical resection is independently associated with survival in patients with high and low-grade astrocytoma</i>)	2008
Alpha Omega Alpha Visiting Professor, Mount Sinai School of Medicine	2008
University of Utah Department of Neurosurgery Visiting Professor	2008
Merage Foundation National Leadership in Science and Medicine Award	2008
Daily Record 2008 Health Care Heroes Finalist Breakfast Award	2008
Synthes Skull Base Award by the Joint Tumor Section AANS/CNS	2008
Levi Watkins Lecture at Vanderbilt University	2008

Pfeiffer Lecture at Stanford University	2008
Invited Guest at Harvard with Peter Black Cancer Lecture	2008
2008 Safeway Hispanic Heritage Month Award	2008
Olender Foundation Award	2008

Invited Lectureships, Visiting Professorships, and Grand Rounds: Scientific and Clinical

Local

1. **A Quiñones-Hinojosa.** “Stem Cells in the Human Brain” Presented at Grand Rounds Johns Hopkins University Neurosurgery Department, Baltimore, MD Dec 2004. **(CME CREDIT)**
2. **A Quiñones-Hinojosa.** “The Human SVZ: From Stars to Stem Cells.” Brain Tumor Research Seminar Series, Johns Hopkins University, Oct 10, 2005
3. **A Quiñones-Hinojosa.** “ Brian Surgery: Nuances and Pearls” Johns Hopkins Medical School Neuroscience Interest Group Invited Speaker, Jan 2006
4. **A Quiñones-Hinojosa.** "100 Years later: From Stars to Stem Cells in the Human SVZ." The Clinical Neuroscience Seminar. Johns Hopkins University March 13 2006. **(CME CREDIT)**
5. **A Quiñones-Hinojosa.** "Introduction of our Brain Tumor Program at Johns Hopkins Bayview Hospital" Johns Hopkins Odenton Practice March 20 2006
6. **A Quiñones-Hinojosa.** "Brain Tumors: Current Management Strategies". Upper Chesapeake Internal Medicine Practice Grand Rounds, April 19, 2006
7. **A Quiñones-Hinojosa.** "Introduction of our Brain Tumor Program at Johns Hopkins Bayview Hospital" Johns Hopkins Wyman Park Practice May 9, 2006
8. **A Quiñones-Hinojosa.** "Brain Tumors: Current Management Strategies" seminar on Neurosurgical issues in Oncology, Johns Hopkins Sidney Kimmel Cancer Center May 10, 2006. **(CME CREDIT)**
9. **A Quiñones-Hinojosa.** "Introduction of our Brain Tumor Program at Johns Hopkins Bayview Hospital" Johns Hopkins East Baltimore Practice May 18, 2006
10. **A Quiñones-Hinojosa** “Title: "Human Stem Cells: Past, Present, and Future"”. Neurosurgery Grand Rounds, Johns Hopkins University, August 10, 2006. **(CME CREDIT)**
11. **A Quiñones-Hinojosa.** “The Human Subventricular Zone: A Source of New Cells and A Potential Source of Brain Tumors”. Johns Hopkins Hospital NeuroIntensive Care Unite Grand Rounds, Oct 17, 2006. **(CME CREDIT)**
12. **A Quiñones-Hinojosa** “Endonasal Approach to Pituitary Lesions”. Prince George's Hospital Center Grand Rounds, Cheverly, MD, Nov 8, 2006. **(CME CREDIT)**
13. **A Quiñones-Hinojosa.** “ Brian Surgery and the Physician Scientist” Johns Hopkins Medical School Neuroscience Interest Group Invited Speaker, September 11, 2006
14. **A Quiñones-Hinojosa** “Human Stem Cells: Fiction or Reality?”. St. Agnes Medical Center, Baltimore, MD, Sept 21, 2006. **(CME CREDIT)**
15. **A Quiñones-Hinojosa** "Brain Tumors-Current Management strategies" Suburban Hospital in Montgomery County, Baltimore, MD, Nov 10, 2006. **(CME CREDIT)**
16. **A Quiñones-Hinojosa** “Modeling Normal and Malignant Stem Cells” Research Matters 2006: A Conference on the Statewide Academic Health Centers' Cancer Initiatives. Baltimore, MD Nov 16, 2006
17. **A Quiñones-Hinojosa** “Human Stem Cells: their role in regeneration and in the origin of brain tumors”. St. Joseph's Medical Center, Towson, MD, Nov 22, 2006. **(CME CREDIT)**
18. **A Quiñones-Hinojosa** "Human Stem Cells " Sidney Kimmel Comprehensive Cancer Center Grand Rounds , Johns Hopkins Hospital, Baltimore, MD, Jan 5, 2007. **(CME CREDIT)**
19. **A Quiñones-Hinojosa** "Human Stem Cells: Past, Present, and Future" Franklin Square Hospital, Baltimore, MD, Jan 18, 2007. **(CME CREDIT)**

20. **A Quiñones-Hinojosa** “Finding your niche: how stem cells do it in the brain, and how to do it at Johns Hopkins” Johns Hopkins Deans Lecture, Baltimore, MD, Jan 22, 2007
21. **A Quiñones-Hinojosa** “Meningiomas” Johns Hopkins Neurosurgery Grand Rounds, Baltimore, MD, Feb 1, 2007. **(CME CREDIT)**
22. **A Quiñones-Hinojosa**. “Johns Hopkins Stem Cell Course for Graduate and Medical Students: Adult CNS Neural Stem Cells” Feb 15, 2007
23. **A Quiñones-Hinojosa**. “Human Tissue for the Study of Neural Stem Cells and Cancer Stem Cells: Getting to the Etiology of Brain Gliomas”. Bayview Research Conference, Johns Hopkins Hospital, Feb 16, 2007
24. **A Quiñones-Hinojosa** “The Supraorbital Approach for Skull-base Tumors” Johns Hopkins Neurosurgery Grand Rounds, Baltimore, MD, March 1, 2007. **(CME CREDIT)**
25. **A Quiñones-Hinojosa** "Human Stem Cells: Their Role in Regeneration and Tumorigenesis" Hopkins Medical School, Neuro Block, 2nd Year Medical School Class, Johns Hopkins, Baltimore, MD, March 2, 2007
26. **A Quiñones-Hinojosa** "Neural Stem Cells" JHMI Neuroscience Course, Baltimore, MD, March 7, 2007
27. **A Quiñones-Hinojosa** "Brain Surgery: Speech and Motor Mapping of Eloquent Brain Cortex Intraoperatively" JHMI Neuroscience Course, Baltimore, MD, March 22, 2007
28. **A Quiñones-Hinojosa** "Brain Surgery: Speech and Motor Mapping of Eloquent Brain Cortex Intraoperatively" JHMI Neuroscience Course, Baltimore, MD, March 22, 2007
29. **A Quiñones-Hinojosa** "Bifrontal Extended Craniotomy for Brain Tumors" Johns Hopkins Neurosurgery Grand Rounds, Baltimore, MD, March 22, 2007 **(CME CREDIT)**
30. **A Quiñones-Hinojosa** "Brain Tumors: Current Treatments" Johns Hopkins Neurosurgery Residents Lecture, Baltimore, MD, March 22, 2007
31. **A Quiñones-Hinojosa**. The Human Brain: Fire to be Ignited not a Vessel to be Filled” Brain Awareness Week, Nu Rho Psi Neuroscience Honor Society. Johns Hopkins University, March 29, 2007
32. **A Quiñones-Hinojosa**. "Adult Neural Stem Cells" The Clinical Neuroscience Seminar. Johns Hopkins University April 9, 2007. **(CME CREDIT)**
33. **A Quiñones-Hinojosa**. "Endoscopically Assisted Endonasal Approach to the Pituitary: An Alternative to the Sublabial Approach". Endocrinology Grand Rounds, Johns Hopkins Medicine, April 10, 2007. **(CME CREDIT)**
34. **A Quiñones-Hinojosa**. "Malignant Brain Tumors: Etiology and Management" Johns Hopkins Bayview Medical Center, Medicine Grand Rounds. Johns Hopkins University April 24, 2007. **(CME CREDIT)**
35. **A Quiñones-Hinojosa**. "Pediatric Neural and Cancer Stem Cells" Children’s Cancer Foundation Speaker. May 10 2007
36. **A Quiñones-Hinojosa**. "Human Neural and Cancer Stem Cells" Hopkins Neurology and Neurosurgery Biennial Meeting Speaker. June 1 2007
37. **A Quiñones-Hinojosa and M McGirtt** “Neurooncology Surgical Outcomes Research Group” Johns Hopkins Neurosurgery Grand Rounds, Baltimore, MD, July 19, 2007 **(CME CREDIT)**
38. **A Quiñones-Hinojosa** "Human Stem Cells: Their Role in Regeneration and Tumorigenesis" Harbor Hospital, Baltimore, MD, July 27, 2007 **(CME CREDIT)**
39. **A Quiñones-Hinojosa**. "Human Neural and Cancer Stem Cells" FDA, Rockville, Maryland, Sept 26 2007
40. **A Quiñones-Hinojosa**. Latino Heritage Month Talk at School of Public Health, Johns Hopkins Hospital, “Terra Firma: A Journey from Migrant Farm Labor to Neurosurgery” October 2008
41. **A Quiñones-Hinojosa**, HACU Annual Conference, Denver CO, Oct 2008
42. **A Quiñones-Hinojosa**, HHMI Keynote Speaker, Baltimore, MD November 2008
43. **A Quiñones-Hinojosa** " "Three common Neurosurgical Quandaries: the Back, Normal Pressure Hydrocephalus and Brain Tumors" Johns Hopkins Bayview Hospital, Baltimore, MD, Dec 15, 2007 **(CME CREDIT)**

44. **A. Quinones-Hinojosa** The Maimonides Society, Doctors Brunch, Pikesville, MD March 2, 2008
45. **A. Quinones-Hinojosa** “Stem Cells in the Human Brain”, Harbor Hospital Grand Rounds, Baltimore, MD March 10, 2008
46. **A. Quinones-Hinojosa** “A New Frontier: Using the NIS, SEER and ARF Database to Assess Disparities, Trends and Outcomes in Brain Tumor Patients Nationwide”, Johns Hopkins Department of Neurosurgery Grand Rounds, February 5, 2009.
http://www.hopkinsmedicine.org/neurology_neurosurgery/education/conferences/nusgr/neurosurgery_gr_and_rounds_2009_february.html
47. **A. Quinones-Hinojosa**, Keynote Speaker, Johns Hopkins University Class of 2012, March 2009.

National

48. **A Quiñones-Hinojosa** & E. A. Kravitz. “Cloning the Ecdysone-Receptor Protein Binding Gene in the *Homarus americanus*”. Harvard Medical School Pre-Matriculation Summer Program Research Forum. August, '94
49. **A Quiñones-Hinojosa** & E. A. Kravitz. "Cloning the Ecdysone-Steroid Receptor Gene from the American Lobster, *Homarus americanus*. Grass Fellows Lectures in Woods Hole Marine Biology Laboratories. March, 1995.
50. **A Quiñones-Hinojosa** & E. A. Kravitz. "Cloning the Ecdysone-Steroid Receptor Gene from the American Lobster, *Homarus americanus*". East Coast Nerve Net Meeting in Woods Hole Marine Biology Laboratories. April, 1995.
51. **A Quiñones-Hinojosa**, C. S. Ogilvy & K. I. Maynard. “Protecting Against Stroke”. Harvard Medical School Pre-Matriculation Summer Research Program. August, 1997.
52. **A Quiñones-Hinojosa**, C. S. Ogilvy & K. I. Maynard. “An *in vitro* model of Neuronal Ischemia”. Hinton-Wright Biomedical Research Society, Harvard Medical School. February, 1998.
53. **A Quiñones-Hinojosa**, J. Misdraji, Tracy Batchelor & E. A. Chiocca. “Lymphomas in the Peripheral Nerve” Neurosurgery Grand Rounds, Mass General Hospital/Harvard Medical School. April 2, 1998.
54. K. I. Maynard, **A. Quiñones-Hinojosa**, & C. S. Ogilvy. “Neuroprotection Against Neuronal Ischemia through Metabolic Suppression”. Neurosurgery Grand Rounds, Mass General Hospital/Harvard Medical School. April 23, 1998.
55. **A Quiñones-Hinojosa**. “Neuroprotection from Ischemia by Reducing the Energy Imbalance Using the *in vitro* Rabbit Retina”. Howard Hughes Medical Institute Research Symposium. May 12, 1998.
56. **A Quiñones-Hinojosa** & K. I. Maynard. "Protection against neuronal ischemia by metabolic inhibition". Neurosurgery Grand Rounds, Brigham and Women's Hospital/Harvard Medical School. Jan 6, 1999.
57. **A Quiñones-Hinojosa**, CS Ogilvy, & KI Maynard. “Functional and Metabolic Recovery of Function in an *in vitro* Model of Ischemia in the Rabbit Retina”. The Fellowship Program in Academic Medicine Annual Research Symposium. Bristol-Myers Squibb and National Medical Fellowship. March, 1999.
58. **A Quiñones-Hinojosa**, P Jun, GT Manley, N Gupta. “Report on Childhood Injuries Associated with Automobile Airbag Deployment.” Presented at the American College of Surgeons, Region IX winner, Committee on Trauma, Chicago, March 13, 2003.
59. **A Quiñones-Hinojosa**, SG Ojemann, N Sanai, WP Dillon, MS Berger. “Correlation of Intraoperative Cortical Mapping with Magnetic Resonance Imaging Landmarks to Preoperatively Predict Localization of Broca's Area.” Presented at the San Francisco Neurological Society, Edwin Boldrey Award, Berkeley CA, March 16, 2003. **(CME CREDIT)**
60. MT Lawton, **A Quiñones-Hinojosa**. “Neuromonitoring During Cerebrovascular Surgery.” Presented at the Congress of Neurological Surgeons, Denver, CO, Oct 2003

61. **A Quiñones-Hinojosa.** “Current Advancement: The Human Brain and Stem Cells” Presented at Grand Rounds Rochester University Neurosurgery Department, Nov 2004
62. **A Quiñones-Hinojosa.** “The Stem Cell Niche in the Human Brain” Presented at Grand Rounds University of Miami Neurosurgery Department, Jan 2005
63. **A Quiñones-Hinojosa.** “100 Years Later: Current Understanding of Human Stem Cells” Presented at Grand Rounds Mayo Clinic Neurosurgery Department, Rochester, MN Jan 2005
64. **A Quiñones-Hinojosa.** “Current Understanding of Human Stem Cells” Presented at Grand Rounds University of Colorado Neurosurgery Department, Denver, CO Jan 2005
65. **A Quiñones-Hinojosa.** “100 Years Later: From Stars to Stem Cells” Presented at Grand Rounds Oregon Health Sciences University, Neurosurgery Department, Portland, Oregon Feb 2005
66. **A Quiñones-Hinojosa.** “From Stars to Stem Cells in the Human SVZ: Cajal's possibility for future advances to alter the "harsh decree" that "everything may die, nothing may be regenerated" in the adult CNS.” Ramon Y Cajal Neuroscience Institute, University of Texas, San Antonio Texas, Nov 4, 2005
67. **A Quiñones-Hinojosa.** From Stars to Stem Cells in the Human SVZ: Cajal's possibility for future advances to alter the "harsh decree" that "everything may die, nothing may be regenerated" in the adult CNS. Center Neuropharmacology and Neuroscience at Albany Medical College on January 11, 2006.
68. **A Quiñones-Hinojosa.** The Neural Stem Cell Niche: Lessons for Future Regeneration of the CNS" Summer Program in Neuroscience, Ethics & Survival, Marine Biological Laboratory, Woods Hole, MA July 1, 2006
69. **A Quiñones-Hinojosa.** “Access to the Brain: Using the Operating Room as an Extension of the Laboratory” Summer Program in Neuroscience, Ethics & Survival, Marine Biological Laboratory, Woods Hole, MA July 8, 2006
70. **A Quiñones-Hinojosa.** “In Search of Cancer Stem Cells in Brain Tumors ” Summer Program in Neuroscience, Ethics & Survival, Marine Biological Laboratory, Woods Hole, MA July 8, 2006
71. **A Quiñones-Hinojosa.** “CD133 Expressing Astrocytes in the Adult Human Brain: From the SVZ to the Cortex of Non-cancer Patients”. Fifth Annual Neuro-Oncology Update, Memphis, Tennessee, August 24-25, 2006. **(CME CREDIT)**
72. **A Quiñones-Hinojosa.** “Cellular Composition and Cytoarchitecture of the Fetal Human Subventricular Zone: A Niche of Stem Cells”. Fifth Annual Neuro-Oncology Update, Memphis, Tennessee, August 24-25, 2006. **(CME CREDIT)**
73. **A Quiñones-Hinojosa.** “The development of the human brain: Lessons learned and how they relate to the development of human brain tumors”. Fifth Annual Neuro-Oncology Update, Memphis, Tennessee, August 24-25, 2006. **(CME CREDIT)**
74. **A Quiñones-Hinojosa.** "Glioblastoma Multiforme: Isolation and Characterization of Cancer Stem Cells" HHMI Early Investigators Symposium. May 8 2007
75. **A Quiñones-Hinojosa.** “In Search of Cancer Stem Cells in Brain Tumors ” Summer Program in Neuroscience, Ethics & Survival, Marine Biological Laboratory, Woods Hole, MA July 2-9, 2007
76. **A Quiñones-Hinojosa.** “Access to the Brain: Using the Operating Room as an Extension of the Laboratory” Summer Program in Neuroscience, Ethics & Survival, Marine Biological Laboratory, Woods Hole, MA July 2-9, 2007
77. **A Quiñones-Hinojosa.** The Neural Stem Cell Niche: Lessons for Future Regeneration of the CNS" Summer Program in Neuroscience, Ethics & Survival, Marine Biological Laboratory, Woods Hole, MA July 2-9, 2007
78. **A Quiñones-Hinojosa.** Visting Professor, Deans Lecture. “Becoming a Physician: Terra Firma—A Journey From Migrant Farm Labor to Neurosurgery”University of California Davis, Sacramento, CA, Feb 2008
79. **A Quiñones-Hinojosa.** Visting Professor, University of Utah, Salt Lake City, UT, March 11-12, 2008
80. **A. Quiñones-Hinojosa** “Human Neural Stem Cells: Current Evidence”, AANS, Chicago, April 2008

81. **A. Quinones-Hinojosa.** Visiting Scientist University of Florida, Gainesville, FL, Sept 2008 "A New Frontier: Using the NIS, SEER, and ARF Databases to Assess Disparities, Trends, and Outcomes in Brain Tumor Patients Nationwide" and "Human Neural Stem Cells: Putative Role in Brain Cancer"
82. **A. Quinones-Hinojosa.** FDA, Hispanic Heritage Celebration, College Park, MD Sept 2008
83. **A. Quinones-Hinojosa.** Speaker for the Annual Levi Watkins, Jr. Lecture at Vanderbilt University. Oct. 23, 2008. "A New Frontier: Using the NIS, SEER and ARF Database to Assess Disparities, Trends and Outcomes in Brain Tumor Patients Nationwide"
84. **A. Quinones-Hinojosa.** 2008 Pfeiffer Fall Quarter Visiting Professor at Stanford University, Nov, 2008 <http://med.stanford.edu/medcast/2008/imagination.html>
85. **A. Quinones-Hinojosa.** Guest speaker at the 16th Annual Tumors of the Central Nervous System in Boston. Dec 2008.
86. **A. Quinones-Hinojosa** Visiting Professor at Allegheny General Hospital, Pittsburg, PA, Jan 2009
87. **A. Quinones-Hinojosa,** "A New Frontier: Using the NIS, SEER, and ARF Databases to Assess Disparities, Trends, and Outcomes in Brain Tumor Patients Nationwide", Cedar Sinai Department of Neurosurgery Grand Rounds, March 27, 2009. <http://www.cedars-sinai.edu/pdf/GrandRounds2009Updated-136962.pdf>

International

88. **A Quiñones-Hinojosa.** "Intraoperative Neuromonitoring During Cerebrovascular Surgery" The Western Society of Neurological Surgery, Western Chapter of the Mexican Society on Neurological Surgery, XIV Meeting, Colima, Mexico July 19-21, 2006
89. **A Quiñones-Hinojosa.** "Surgical Approaches to lesions of the sella: Endonasal and Cranial Approaches" The Western Society of Neurological Surgery, Western Chapter of the Mexican Society on Neurological Surgery, XIV Meeting, Colima, Mexico July 19-21, 2006
90. **A Quiñones-Hinojosa.** "Stem Cells in the Human Brain SVZ: Their Putative Role in the Genesis of Gliomas" The Western Society of Neurological Surgery, Western Chapter of the Mexican Society on Neurological Surgery, XIV Meeting, Colima, Mexico July 19-21, 2006
91. **A Quiñones-Hinojosa.** "Brain Surgery: Operative Nuances and the Use of the Operating Room as an Extension of the Laboratory to Study Stem Cell" Centro Universitario de Ciencias de la Salud, University of Guadalajara, Mexico July 18, 2006
92. **A Quiñones-Hinojosa.** "Stem Cells in the Human Brain SVZ: Their Putative Role in the Genesis of Gliomas" Centro Universitario de Ciencias de la Salud, University of Guadalajara, Mexico July 17, 2006
93. **A Quiñones-Hinojosa** "Immunohistochemistry Techniques for Human Neural Stem Cells and other Human Immunofluorescence Techniques." 2nd Neuroscience School in Maracaibo and 4th Caribbean Neurobiology Course. International Affairs Committee of SFN and IBRO's Schools Program. Maracaibo, Venezuela, Sept 15-18, 2006
94. **A Quiñones-Hinojosa** " Intraoperative Neuromonitoring and Neuronavigation for the Management of Brain Tumors" Brain Lab Academy Meeting, Munich, Germany, March 26, 2007
95. **A Quiñones-Hinojosa** " Brain Cancer and Stem Cells: Current Understanding" Brain Lab Academy Meeting, Munich, Germany, March 26, 2007
96. **A Quiñones-Hinojosa** " "Human Tissue for the Study of Neural Stem Cells and Cancer Stem Cells: Getting to the Etiology of Brain Gliomas" Grand Rounds, Italy, March 27, 2007
97. **A Quiñones-Hinojosa.** "Isolation and Differentiation of Human Neural and Cancer Stem Cells" Spain, European Association of Neurological Surgery, June 15-16
98. **A Quiñones-Hinojosa.** "Human Cancer Stem Cells: What do we Know" Italy, Updates in Neurooncology, June 28-30 (Invited Speaker and Section Director with Francesco DiMeco)
99. **A Quiñones-Hinojosa.** " Brain Cancer Stem Cells: Current Management and Etiology of Glioblastoma Multiforme" Course Director Mexico/Guadalajara, July 12-13 2007

100. **Quiñones-Hinojosa.** "Management of low grade gliomas" Invited Speaker, Quito Ecuador, Nov 13-16, 2007 Neuroscience Conference. **A**
101. **A Quiñones-Hinojosa.** "Management of high grade malignant gliomas" Invited Speaker, Quito Ecuador, Nov 13-16, 2007 Neuroscience Conference.
102. **A Quinones-Hinojosa.** "Modern Treatment of Pituitary Tumors" and "Brain Cancer Stem Cells: Current Management and Etiology of Glioblastoma Multiforme", Multidisciplinary Perspectives in Brain Tumor Management, Puerto Vallarta Mexico, August 2008.
103. **Quinones-Hinojosa.** "Minimally Invasive Brain Surgery of the Skull Base" and "Cancer Stem Cells: Current Management and Etiology of Glioblastoma Multiforme", Presenter and Director of Multidisciplinary Perspectives in Brain Tumor Management at XX International Neurological Surgery Conference, Cancun Mexico, July 2009. **(CME Credit)** **A**
104. **Quinones-Hinojosa.** "Nuevos Paradigmas en Gliomas Cerebrales" and "Estado Actual en Transplante de Celulas Madre", XX International Neurological Surgery Congress, Cancun Mexico, July 2009. **A**

Invited Panels and Workshops:

NIH International Workshop on Chordoma Treatment, May, 2007

Invited Talks for Underrepresented Minority Students: Community and Public Service

1993

1. National Academy of Sciences, Committee on Diversity Invited Speaker, meeting at UC Irvine. '93

1994

2. Harvard Medical School Pre-Matriculation Summer Program Research Forum for Underrepresented Minority Students Invited Speaker. August, '94

1995

3. Harvard Medical School Pre-Matriculation Summer Research Program for Underrepresented Minority Students Invited Speaker. August, 1995.
4. Society for the Advancement of Chicanos and Native Americans in the Sciences Invited Speaker, January 5-8, 1995.

1996

5. Harvard Medical School Pre-Matriculation Summer Research Program for Underrepresented Minority Students Invited Speaker. August, 1996.
6. Society for the Advancement of Chicanos and Native Americans in the Sciences Invited Speaker, January, 1996.
7. Harvard Medical School and Massachusetts General Hospital Saint Butolph Club Invited Speaker, "My Recollections as a Migrant Farm Worker", Boston, MA 1996

1997

8. Harvard Medical School Pre-Matriculation Summer Research Program for Underrepresented Minority Students Invited Speaker. August, 1997.
9. Harvard Medical School. Hinton-Wright Biomedical Research Society for Underrepresented Minority Students Invited Speaker, 1997.

1998

10. Harvard Medical School. Hinton-Wright Biomedical Research Society for Underrepresented Minority Students Invited Speaker. February, 1998.
11. Harvard Medical School, Biomedical Science Careers Program Keynote Speech for Underrepresented Minority Students, Nov 98.

1999

12. University of California, San Francisco, keynote speaker at Dia de los Muertos Conference for Minority High School, Undergraduate, and Medical Students, 1999

2000

13. Manteca Unified School District Middle School Invited Speaker, Manteca CA, 2000

2001

14. Stanford , keynote speaker at Dia de los Muertos Conference for Minority High School, Undergraduate, and Medical Students 2001
15. University of California, San Francisco Neurosurgery Breakfast Seminar, Recruitment talks for Medical Students 2001
16. University of California, Regents Visit, “My Experience as a Migrant Farm Worker” University of California, San Francisco 2001

2002

17. University of California, San Francisco Underrepresented Minority Students “Recruitment Talks and Lectures on the Human Brain” Medlink 2002
18. University of California, San Francisco Plan on college Event for Minority Students Invited Speaker 2002
19. University of California, San Francisco Neurosurgery Breakfast Seminar, Recruitment talks for students 2002

2003

20. University of California, San Francisco underrepresented minority students “Recruitment Talks and Lectures on the Human Brain” Medlink 2003
21. University of California, San Francisco Plan on college Event for Minority Students Invited Speaker 2003
22. University of California, San Francisco Neurosurgery Breakfast Seminar, Recruitment talks for students 2003
23. University of California, Davis, keynote speaker at Dia de los Muertos Conference for Minority High School, Undergraduate, and Medical Students, 2003
24. University of California, San Francisco Physicians of Color Lecture Series 2003
25. UC Berkeley Howard Hughes Biology Scholar Program Invited Speaker for the 2003 meeting

2004

26. Latino Medical Student Association Keynote Speaker. “Bridging the Gap: Addressing Inequalities in Minority Health.” San Francisco CA, March 5-6, 2004
27. University of California, San Francisco underrepresented minority students “Recruitment Talks and Lectures on the Human Brain” Medlink 2004
28. University of California, San Francisco Plan on college Event for Minority Students Invited Speaker 2004
29. University of California, San Francisco Neurosurgery Breakfast Seminar, Recruitment talks for students 2004
30. University of California, San Francisco Brain Interest Group for medical students, “The Human Brain” April 9, 2004
31. UC Berkeley and Howard Hughes Institute Biology Scholar Program. “Guest of Honor Biology Scholars Program”. Nov 4th, 2004
32. American Medical Student Association Nov 13, 2004 “Working in the Fields” Region X Conference, titled “The Doctor is Out... Changing the World: Integrating Activis
33. m Into the Practice of Medicine.” Nov, 2004, San Francisco, CA
34. Wheaton College Minority Conference, “Taking the Next Step” Oct 2004

35. Harvard Medical School 1st Annual Amos Lecture, Oct 2004
36. UC Berkeley Howard Hughes Biology Scholar Program Invited Speaker for the 2004 meeting

2005

37. Stanford University Medical Minority Alliance SUMMA 2005, Latino Medical Student Association LMSA Stanford lecture 2005 SUMMA fourteenth annual minority premedical student conference on Saturday February 5th, 2005
38. University of California, San Francisco underrepresented minority students “Recruitment Talks and Lectures on the Human Brain” Medlink 2005
39. University of California, San Francisco Plan on college Event for Minority Students Invited Speaker 2005
40. University of California, San Francisco Neurosurgery Breakfast Seminar, Recruitment talks for students 2005
41. University of Texas, San Antonio, Ramon y Cajal Institute Lecture Nov 2005

2006

42. Maryland Public Middle School Invited Speaker , Feb 2006
43. Johns Hopkins Medical School Student National Medical Association Welcome Back Weekend for Accepted Minority Students Invited Speaker April, 2006.
44. Maryland Public Middle School “Conexiones” Conference for Minority Students, May 2006 Keynote speaker

2007

45. Johns Hopkins Medical School Town Hall Meeting guest speaker: Diversity at JHM: The Goal, The Reality, The Data. Jan 18, 2007.
46. Johns Hopkins Medical School and Sidney Kimmel Comprehensive Cancer Center Lecture to Escorpiones Latinos Oakland Hills High School Students Feb 22, 2007.
47. Johns Hopkins Medical School and Sidney Kimmel Comprehensive Cancer Center Lecture to English as a Second Language Dundalk High School Students March 19, 2007.
48. Johns Hopkins Medical School Student National Medical Association Welcome Back Weekend for Accepted Minority Students Invited Speaker April 13, 2007.
49. Harvard Medical School 2007 Invited Ebert Lecturer for Accepted Minority Students, April 20, 2007
50. Johns Hopkins Medical School and Sidney Kimmel Comprehensive Cancer Center Lecture to Northwood High School Students April 26, 2007.
51. Student National Medical Association Main Speaker, Gainesville Florida, April 27, 2007.
52. Minority Access to Research Careers, University of Arizona Main Speaker, Arizona, April 30, 2007.
53. “Latin America Leadership Conference” Invited Speaker, Wash DC., May 4, 2007.
54. Hispanic Youth Symposium, Invited Speaker, UMBC, Baltimore, MD, July 20, 2007.
55. Student National Medical Association Main Speaker, Johns Hopkins, Sept 29, 2007.

Commencement Speeches

Johns Hopkins University Black and Latino Graduate Commemoration, May	2007
Yale Physician Assistant School Commencement Speech, Oct	2007
Yale Medical School Commencement Speech, May	2009
Park View High School Commencement Speech, June	2009

OTHER PROFESSIONAL ACCOMPLISHMENTS

Languages

Spanish Speaker, Writer and Reader

Research Experience

- 1993 Cornell University Medical School Summer Research Program: investigated the role of drugs and lethal injuries in New York City. Advisors: Dr. Kenneth Tardiff and Dr. Peter Marzuk
- 1994 Ford Baccalaureate Fellowship at the University of California Berkeley. Investigated the role of Long Term Potentiation in the Nucleus Accumbens of the Rodent. Advisor: Dr. Joe L. Martinez
- 1994-1996 Harvard Medical School Neurobiology Training Grant Fellowship: Cloned a piece of the ecdysone-steroid receptor gene from the American lobster, *Homarus americanus* which plays a role in the aggressive behavior. Advisor: Dr. Edward A. Kravitz.
- 1997-1999 Howard Hughes Fellowship at Harvard Medical School and Massachusetts General Hospital Dept. of Neurosurgery. Examined the effects of coenzyme Q10 with nicotinamide; creatine and cyclocreatine (i) in the *in vitro* rabbit retina preparation, and (ii) in a *in vivo* model of focal cerebral ischemia in the rat. Advisors: Dr. Chris Ogilvy and Dr. Ken Maynard.
- 1998-1999 Bristol-Myers Academic Medicine Fellowship at Harvard Medical School. Studied the use of the intraoperative MRI in brain tumor biopsies. Advisor: Dr. Peter McL. Black.
- 2003-2004 NIH NRSA grant to study the cytoarchitecture and organization of the human subventricular zone. Advisor: Dr. Arturo Alvarez-Buylla