

ALFREDO QUIÑONES-HINOJOSA, M.D., D.H.L. (hon), F.A.A.N.S.

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DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

- Associate Professor of Neurosurgery and Oncology, The Johns Hopkins University School of Medicine
- Research Faculty, Graduate Program in Cellular and Molecular Medicine
The Johns Hopkins University School of Medicine
- Director, Neurosurgical Pituitary Center, The Johns Hopkins University School of Medicine
- Clinical Director, Brain Tumor Surgery Program, The Johns Hopkins Bayview Hospital

Personal Data

RESEARCH OFFICE

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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 Neurosurgery, Oncology, Neuroscience, and Cellular and
Molecular Medicine
Johns Hopkins University School of Medicine

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
- 1994-96 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.

- 1997-99 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.
- 1998-99 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.
- 2003-04 NIH NRSA F32 grant to study the cytoarchitecture and organization of the human subventricular zone. Advisor: Dr. Arturo Alvarez-Buylla

Administrative Appointments

- 2005 Clinical Director, Brain Tumor Surgery Program
Johns Hopkins Bayview Hospital
- 2005 Director, Neurosurgery Brain Tumor Stem Cell Laboratory
Johns Hopkins University School of Medicine
- 2009 Director, Neurosurgical Pituitary Center
Johns Hopkins Hospital

RESEARCH ACTIVITIES

Peer-reviewed Original Science Research Publications (Not including Case Reports. See “Educational Activities” section below for Case Reports)

1. Maynard KI, **Quinones-Hinojosa A**, Ogilvy CS. Magnesium plus mexiletine inhibit energy usage and protect retinas against ischemia. *Neuroreport*. 12/21/1998;9(18):4141-4144.
2. Ogilvy CS, **Quinones-Hinojosa A**. Surgical treatment of vertebral and posterior inferior cerebellar artery aneurysms. *Neurosurg Clin N Am*. 10/1998;9(4):851-860.
3. Maynard KI, **Quinones-Hinojosa A**, Malek JY. Neuroprotection against ischemia by metabolic inhibition revisited. A comparison of hypothermia, a pharmacologic cocktail and magnesium plus mexiletine. *Ann N Y Acad Sci*. 1999;890:240-254.
4. **Quinones-Hinojosa A**, Ames A, 3rd, Malek JY, Maynard KI. An *in vitro* rabbit retina model to study electrophysiologic and metabolic function during and following ischemia. *J Neurosci Methods*. 8/15/99; 90(2):107-115.
5. Kalkanis SN, **Quinones-Hinojosa A**, Buzney E, Ribaldo HJ, Black PM. 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*. 7/2000; 48(3):233-241.
6. Moriarty TM, **Quinones-Hinojosa A**, Larson PS, Alexander E, 3rd, Gleason PL, Schwartz RB, Jolesz FA, Black PM. Frameless stereotactic neurosurgery using intraoperative magnetic resonance imaging: stereotactic brain biopsy. *Neurosurgery*. 11/2000;47(5):1138-1145; discussion 1145-1136.
7. Schmidt MH, **Quinones-Hinojosa A**, Rosenberg WS. Cervical myelopathy associated with degenerative spine disease and ossification of the posterior longitudinal ligament. *Semin Neurol*. 6/2002;22(2):143-8
8. von Koch CS, **Quinones-Hinojosa A**, Gulati M, Lyon R, Peacock WJ, Yingling CD. Clinical outcome in children undergoing tethered cord release utilizing intraoperative neurophysiological monitoring. *Pediatr Neurosurg*. 7/2002;37(2):81-86.
9. Auguste KI, **Quinones-Hinojosa A**, Gadkary C, Zada G, Lamborn KR, Berger MS. Incidence of venous thromboembolism in patients undergoing craniotomy and motor mapping for glioma without intraoperative mechanical prophylaxis to the contralateral leg. *J Neurosurg*. 10/2003;99(4):680-684.
10. Gottfried ON, Gluf W, **Quinones-Hinojosa A**, Kan P, Schmidt MH. Spinal meningiomas: surgical management and outcome. *Neurosurg Focus*. 6/15/2003;14(6):e2.
11. Lawton MT, **Quinones-Hinojosa A**, Sanai N, Malek JY, Dowd CF. Combined microsurgical and endovascular management of complex intracranial aneurysms. *Neurosurgery*. 2/2003;52(2):263-274; discussion 274-265.

12. **Quinones-Hinojosa A**, Chang EF, McDermott MW. Falcotentorial meningiomas: clinical, neuroimaging, and surgical features in six patients. *Neurosurg Focus*. 6/15/2003;14(6):e11.
13. **Quinones-Hinojosa A**, Gulati M, Singh V, Lawton MT. Spontaneous intracerebral hemorrhage due to coagulation disorders. *Neurosurg Focus*. 10/15/2003;15(4):E3.
14. **Quinones-Hinojosa A**, Malek JY, Ames A, 3rd, Ogilvy CS, Maynard KI. Metabolic effects of hypothermia and its neuroprotective effects on the recovery of metabolic and electrophysiological function in the ischemic retina in vitro. *Neurosurgery*. 5/2003;52(5):1178-1186; discussion 1186-1177.
15. **Quinones-Hinojosa A**, Ojemann SG, Sanai N, Dillon WP, Berger MS. Preoperative correlation of intraoperative cortical mapping with magnetic resonance imaging landmarks to predict localization of the Broca area. *J Neurosurg*. 7/2003;99(2):311-318.
16. Acosta FL, Jr., Chin CT, **Quinones-Hinojosa A**, Ames CP, Weinstein PR, Chou D. Diagnosis and management of adult pyogenic osteomyelitis of the cervical spine. *Neurosurg Focus*. 12/15/2004;17(6):E2.
17. Auguste KI, **Quinones-Hinojosa A**, Berger MS. Efficacy of mechanical prophylaxis for venous thromboembolism in patients with brain tumors. *Neurosurg Focus*. 10/15/2004;17(4):E3.
18. Hetts SW, Urban JP, **Quinones-Hinojosa A**, Joelson DW, Glastonbury CM. The shading sign in cerebral squamous cell metastases. *AJR Am J Roentgenol*. 4/2004;182(4):1087-1088.
19. **Quinones-Hinojosa A**, Alam M, Lyon R, Yingling CD, Lawton MT. Transcranial motor evoked potentials during basilar artery aneurysm surgery: technique application for 30 consecutive patients. *Neurosurgery*. 4/2004;54(4):916-924; discussion 924.
20. **Quinones-Hinojosa A**, Chang EF, Khan SA, Lawton MT, McDermott MW. Renal cell carcinoma metastatic to the choroid mimicking intraventricular meningioma. *Can J Neurol Sci*. 2/2004;31(1):115-120.
21. **Quinones-Hinojosa A**, Gadkary CA, Gulati M, von Koch CS, Lyon R, Weinstein PR, Yingling CD. Neurophysiological monitoring for safe surgical tethered cord syndrome release in adults. *Surg Neurol*. 8/2004;62(2):127-133; discussion 133-125.
22. **Quinones-Hinojosa A**, Jun P, Jacobs R, Rosenberg WS, Weinstein PR. General principles in the medical and surgical management of spinal infections: a multidisciplinary approach. *Neurosurg Focus*. 12/15/2004;17(6):E1.
23. **Quinones-Hinojosa A**, Lyon R, Ames CP, Parsa AT. Neuromonitoring during surgery for metastatic tumors to the spine: intraoperative interpretation and management strategies. *Neurosurg Clin N Am*. 10/2004;15(4):537-547.
24. Sanai N, Tramontin AD, **Quinones-Hinojosa A**, Barbaro NM, Gupta N, Kunwar S, Lawton MT, McDermott MW, Parsa AT, Manuel-Garcia Verdugo J, Berger MS, Alvarez-Buylla A. Unique astrocyte ribbon in adult human brain contains neural stem cells but lacks chain migration. *Nature*. 2/19/2004;427(6976):740-744. **COVER ARTICLE**
25. Walker JA, **Quinones-Hinojosa A**, Berger MS. Intraoperative speech mapping in 17 bilingual patients undergoing resection of a mass lesion. *Neurosurgery*. 1/2004;54(1):113-117; discussion 118.
26. Acosta FL, Jr., **Quinones-Hinojosa A**, Gadkary CA, Schmidt MH, Chin CT, Ames CP, Rosenberg WS, Weinstein P. Frameless stereotactic image-guided C1-C2 transarticular screw fixation for atlantoaxial instability: review of 20 patients. *J Spinal Disord Tech*. 10/ 2005;18(5):385-391.
27. Lawton MT, **Quinones-Hinojosa A**, Chang EF, Yu T. Thrombotic intracranial aneurysms: classification scheme and management strategies in 68 patients. *Neurosurgery*. 3/2005;56(3):441-454; discussion 441-454.
28. **Quinones-Hinojosa A**, Du R, Lawton MT. Revascularization with saphenous vein bypasses for complex intracranial aneurysms. *Skull Base*. 5/2005;15(2):119-132.
29. **Quinones-Hinojosa A**, Jun P, Manley GT, Knudson MM, Gupta N. Airbag deployment and improperly restrained children: a lethal combination. *J Trauma*. 9/2005;59(3):729-733.
30. **Quinones-Hinojosa A**, Lawton MT. In situ bypass in the management of complex intracranial aneurysms: technique application in 13 patients. *Neurosurgery*. 7/2005;57(1 Suppl):140-145; discussion 140-145.

31. **Quinones-Hinojosa A**, Lyon R, Zada G, Lamborn KR, Gupta N, Parsa AT, McDermott MW, Weinstein PR. Changes in transcranial motor evoked potentials during intramedullary spinal cord tumor resection correlate with postoperative motor function. *Neurosurgery*. 5/2005;56(5):982-993; discussion 982-993.
32. **Quinones-Hinojosa A**, Sanai N, Smith JS, McDermott MW. Techniques to assess the proliferative potential of brain tumors. *J Neurooncol*. 7/2005;74(1):19-30.
33. Smith JS, **Quinones-Hinojosa A**, Barbaro NM, McDermott MW. Frame-based stereotactic biopsy remains an important diagnostic tool with distinct advantages over frameless stereotactic biopsy. *J Neurooncol*. 6/2005;73(2):173-179.
34. Smith JS, **Quinones-Hinojosa A**, Harmon-Smith M, Bollen AW, McDermott MW. Sex steroid and growth factor profile of a meningioma associated with pregnancy. *Can J Neurol Sci*. 2/2005;32(1):122-127.
35. Chaichana K, Zamora-Berridi G, Camara-Quintana J, **Quinones-Hinojosa A**. Neurosphere assays: growth factors and hormone differences in tumor and nontumor studies. *Stem Cells*. 12/2006;24(12):2851-2857.
36. Guo L, **Quinones-Hinojosa A**, Yingling CD, Weinstein PR. Continuous EMG recordings and intraoperative electrical stimulation for identification and protection of cervical nerve roots during foraminal tumor surgery. *J Spinal Disord Tech*. 2/2006;19(1):37-42.
37. Jackson EL, Garcia-Verdugo JM, Gil-Perotin S, Roy M, **Quinones-Hinojosa A**, Vandenberg S, Alvarez-Buylla A. PDGFR alpha-positive B cells are neural stem cells in the adult SVZ that form glioma-like growths in response to increased PDGF signaling. *Neuron*. 7/20/2006;51(2):187-199.
38. Lawton MT, **Quinones-Hinojosa A**. Double reimplantation technique to reconstruct arterial bifurcations with giant aneurysms. *Neurosurgery*. 4/2006;58(4 Suppl 2):ONS-347-353; discussion ONS-353-344.
39. Lawton MT, **Quinones-Hinojosa A**, Jun P. The supratonsillar approach to the inferior cerebellar peduncle: anatomy, surgical technique, and clinical application to cavernous malformations. *Neurosurgery*. 10/2006;59(4 Suppl 2):ONS244-251; discussion ONS251-242.
40. **Quinones-Hinojosa A**, Chang EF, Lawton MT. The extended retrosigmoid approach: an alternative to radical cranial base approaches for posterior fossa lesions. *Neurosurgery*. 4/ 2006;58(4 Suppl 2):ONS-208-214; discussion ONS-214.
41. **Quinones-Hinojosa A**, Robert Kolen E, Jun P, Rosenberg WS, Weinstein PR. Accuracy over space and time of computer-assisted fluoroscopic navigation in the lumbar spine in vivo. *J Spinal Disord Tech*. 4/ 2006;19(2):109-113.
42. **Quinones-Hinojosa A**, Sanai N, Soriano-Navarro M, Gonzalez-Perez O, Mirzadeh Z, Gil-Perotin S, Romero-Rodriguez R, Berger MS, Garcia-Verdugo JM, Alvarez-Buylla A. Cellular composition and cytoarchitecture of the adult human subventricular zone: a niche of neural stem cells. *J Comp Neurol*. 1/20/2006;494(3):415-434.
43. **Quinones-Hinojosa A**, Ware ML, Sanai N, McDermott MW. Assessment of image guided accuracy in a skull model: comparison of frameless stereotaxy techniques vs. frame-based localization. *J Neurooncol*. 1/ 2006;76(1):65-70.
44. Sanai N, **Quinones-Hinojosa A**, Gupta NM, Perry V, Sun PP, Wilson CB, Lawton MT. Pediatric intracranial aneurysms: durability of treatment following microsurgical and endovascular management. *J Neurosurg*. 2/ 2006;104(2 Suppl):82-89.
45. Smith JS, **Quinones-Hinojosa A**, Phillips JJ, Bollen AW, McDermott MW, Cha S. Limitations of diffusion-weighted imaging in distinguishing between a brain tumor and a central nervous system histoplasma. *J Neurooncol*. 9/ 2006;79(2):217-218.
46. Chaichana KL, Capilla-Gonzalez V, Gonzalez-Perez O, Pradilla G, Han J, Olivi A, Brem H, Garcia-Verdugo JM, **Quinones-Hinojosa A**. Preservation of glial cytoarchitecture from ex vivo human tumor and non-tumor cerebral cortical explants: A human model to study neurological diseases. *J Neurosci Methods*. 8/ 30/ 2007;164(2):261-270.
47. Chang S, Vogelbaum M, Lang FF, Haines S, Kunwar S, Chiocca EA, Olivi A, **Quinones-Hinojosa A**, Parsa A, Warnick R. GNOSIS: guidelines for neuro-oncology: standards for investigational studies--reporting of surgically based therapeutic clinical trials. *J Neurooncol*. 4/ 2007;82(2):211-220.
48. Lawton MT, Narvid J, **Quinones-Hinojosa A**. Predictors of neurosurgical career choice among residents and residency applicants. *Neurosurgery*. 5/ 2007;60(5):934-939; discussion 934-939.

49. **Quinones-Hinojosa A.** Terra firma--a journey from migrant farm labor to neurosurgery. *N Engl J Med.* 8/ 9/ 2007;357(6):529-531.
50. **Quinones-Hinojosa A,** Chaichana K. The human subventricular zone: a source of new cells and a potential source of brain tumors. *Exp Neurol.* 6/ 2007;205(2):313-324.
51. **Quinones-Hinojosa A,** Chi JH, Manley GT. Emergent placement of halo orthosis after a traumatic cervical injury leading to a cerebral abscess. *J Trauma.* 6/ 2007;62(6):E11-13.
52. **Quinones-Hinojosa A,** McDermott MW. Angled screw holes for anterior posts and a frame-positioning device for gamma knife radiosurgery: allowing for better targeting of intracranial lesions. *Neurosurgery.* 4/ 2007;60(4 Suppl 2):339-343; discussion 343-334.
53. **Quinones-Hinojosa A,** Sanai N, Gonzalez-Perez O, Garcia-Verdugo JM. The human brain subventricular zone: stem cells in this niche and its organization. *Neurosurg Clin N Am.* 1/2007;18(1):15-20, vii.
54. Attenello FJ, Mukherjee D, Dato G, McGirt MJ, Bohan E, Weingart JD, Olivi A, **Quinones-Hinojosa A,** Brem H. Use of Gliadel (BCNU) wafer in the surgical treatment of malignant glioma: a 10-year institutional experience. *Ann Surg Oncol.* 10/ 2008;15(10):2887-2893.
55. Chaichana KL, McGirt MJ, Frazier J, Attenello F, Guerrero-Cazares H, **Quinones-Hinojosa A.** Relationship of glioblastoma multiforme to the lateral ventricles predicts survival following tumor resection. *J Neurooncol.* 9/ 2008;89(2):219-224.
56. 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.* 4/ 2008;108(4):736-745.
57. Lawton MT, **Quinones-Hinojosa A,** Sanai N, Malek JY, Dowd CF. Combined microsurgical and endovascular management of complex intracranial aneurysms. *Neurosurgery.* 6/ 2008;62(6 Suppl 3):1503-1515.
58. McGirt MJ, Chaichana KL, Attenello FJ, Weingart JD, Than K, Burger PC, Olivi A, Brem H, **Quinones-Hinojosa A.** Extent of surgical resection is independently associated with survival in patients with hemispheric infiltrating low-grade gliomas. *Neurosurgery.* 10/ 2008;63(4):700-707; author reply 707-708.
59. McGirt MJ, Chaichana KL, Gathinji M, Attenello F, Than K, Ruiz AJ, Olivi A, **Quinones-Hinojosa A.** Persistent outpatient hyperglycemia is independently associated with decreased survival after primary resection of malignant brain astrocytomas. *Neurosurgery.* 8/ 2008;63(2):286-291; discussion 291.
60. Niazi T, **Quinones-Hinojosa A,** Schmidt MH. Management of brain abscesses associated with halo fixation. *Neurosurg Focus.* 2008;24(6):E14.
61. **Quinones-Hinojosa A,** Lawton MT. In situ bypass in the management of complex intracranial aneurysms: technique application in 13 patients. *Neurosurgery.* 6/ 2008;62(6 Suppl 3):1442-1449.
62. Sanai N, **Quinones-Hinojosa A,** Narvid J, Kunwar S. Safety and efficacy of the direct endonasal transsphenoidal approach for challenging sellar tumors. *J Neurooncol.* 5/ 2008;87(3):317-325.
63. Baird CJ, Conway JE, Sciubba DM, Prevedello DM, **Quinones-Hinojosa A,** Kassam AB. Radiographic and anatomic basis of endoscopic anterior craniocervical decompression: a comparison of endonasal, transoral, and transcervical approaches. *Neurosurgery.* 12/ 2009;65(6 Suppl):158-163; discussion 163-154.
64. Chaichana KL, Guerrero-Cazares H, Capilla-Gonzalez V, Zamora-Berridi G, Achanta P, Gonzalez-Perez O, Jallo GI, Garcia-Verdugo JM, **Quinones-Hinojosa A.** Intra-operatively obtained human tissue: protocols and techniques for the study of neural stem cells. *J Neurosci Methods.* 5/ 30/ 2009;180(1):116-125.
65. 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.* 11/ 2009;31(9):931-939.
66. Chaichana KL, Parker SL, Olivi A, **Quinones-Hinojosa A.** Long-term seizure outcomes in adult patients undergoing primary resection of malignant brain astrocytomas. Clinical article. *J Neurosurg.* 8/2009;111(2):282-292.
67. Frazier JL, **Quinones-Hinojosa A.** Isolated Whipple disease of the brain resembling a tumour. *Acta Neurochir (Wien).* 2/ 2009;151(2):173-175.

68. Garzon-Muvdi T, **Quinones-Hinojosa A**. Neural stem cell niches and homing: recruitment and integration into functional tissues. *Ilar J*. 2009;51(1):3-23.
69. Gathinji M, McGirt MJ, Attenello FJ, Chaichana KL, Than K, Olivi A, Weingart JD, Brem H, **Quinones-Hinojosa A**. Association of preoperative depression and survival after resection of malignant brain astrocytoma. *Surg Neurol*. 3/ 2009;71(3):299-303, discussion 303.
70. Guerrero-Cazares H, Chaichana KL, **Quinones-Hinojosa A**. Neurosphere culture and human organotypic model to evaluate brain tumor stem cells. *Methods Mol Biol*. 2009;568:73-83.
71. Kosztowski T, Zaidi HA, **Quinones-Hinojosa A**. Applications of neural and mesenchymal stem cells in the treatment of gliomas. *Expert Rev Anticancer Ther*. 5/ 2009;9(5):597-612.
72. McGirt MJ, Chaichana KL, Gathinji M, Attenello FJ, Than K, Olivi A, Weingart JD, Brem H, **Quinones-Hinojosa AR**. Independent association of extent of resection with survival in patients with malignant brain astrocytoma. *J Neurosurg*. 1/ 2009;110(1):156-162.
73. McGirt MJ, Mukherjee D, Chaichana KL, Than KD, Weingart JD, **Quinones-Hinojosa A**. Association of surgically acquired motor and language deficits on overall survival after resection of glioblastoma multiforme. *Neurosurgery*. 9/ 2009;65(3):463-469; discussion 469-470.
74. McGirt MJ, Than KD, Weingart JD, Chaichana KL, Attenello FJ, Olivi A, Laterra J, Kleinberg LR, Grossman SA, Brem H, **Quinones-Hinojosa A**. Gliadel (BCNU) wafer plus concomitant temozolomide therapy after primary resection of glioblastoma multiforme. *J Neurosurg*. 3/ 2009;110(3):583-588.
75. Mukherjee D, Kosztowski T, Zaidi HA, Jallo G, Carson BS, Chang DC, **Quinones-Hinojosa A**. Disparities in access to pediatric neurooncological surgery in the United States. *Pediatrics*. 10/ 2009;124(4):e688-696.
76. Mukherjee D, Zaidi HA, Kosztowski T, Chaichana KL, Salvatori R, Chang DC, **Quinones-Hinojosa A**. Predictors of access to pituitary tumor resection in the United States, 1988-2005. *Eur J Endocrinol*. 8/ 2009;161(2):259-265.
77. Purger D, McNutt T, Achanta P, **Quinones-Hinojosa A**, Wong J, Ford E. A histology-based atlas of the C57BL/6J mouse brain deformably registered to in vivo MRI for localized radiation and surgical targeting. *Phys Med Biol*. 12/ 21/ 2009;54(24):7315-7327.
78. **Quinones-Hinojosa A**, Chang EF, Chaichana KL, McDermott MW. Surgical considerations in the management of falcotentorial meningiomas: advantages of the bilateral occipital transtentorial/transfalcine craniotomy for large tumors. *Neurosurgery*. 5/ 2009;64(5 Suppl 2):260-268; discussion 268.
79. **Quinones-Hinojosa A**, Kaprealian T, Chaichana KL, Sanai N, Parsa AT, Berger MS, McDermott MW. Pre-operative factors affecting resectability of giant intracranial meningiomas. *Can J Neurol Sci*. 9/2009;36(5):623-630.
80. Rodriguez 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*. 10/ 2009;156(2):340-351.
81. Sun P, Xia S, Lal B, Eberhart CG, **Quinones-Hinojosa A**, Maciaczyk J, Matsui W, Dimeco F, Piccirillo SM, Vescovi AL, Laterra J. DNER, an epigenetically modulated gene, regulates glioblastoma-derived neurosphere cell differentiation and tumor propagation. *Stem Cells*. 7/ 2009;27(7):1473-1486.
82. Zaidi HA, Kosztowski T, DiMeco F, **Quinones-Hinojosa A**. Origins and clinical implications of the brain tumor stem cell hypothesis. *J Neurooncol*. 5/ 2009;93(1):49-60.
83. Achanta P, Sedora Roman NI, **Quinones-Hinojosa A**. Gliomagenesis and the use of neural stem cells in brain tumor treatment. *Anticancer Agents Med Chem*. 2/ 2010;10(2):121-130.
84. Chaichana K, Parker S, Olivi A, **Quinones-Hinojosa A**. A proposed classification system that projects outcomes based on preoperative variables for adult patients with glioblastoma multiforme. *J Neurosurg*. 5/ 2010;112(5):997-1004.
85. Chaichana KL, Kosztowski T, Niranjana A, Olivi A, Weingart JD, Laterra J, Brem H, **Quinones-Hinojosa A**. Prognostic significance of contrast-enhancing anaplastic astrocytomas in adults. *J Neurosurg*. 8/ 2010;113(2):286-292.
86. Chaichana KL, McGirt MJ, Laterra J, Olivi A, **Quinones-Hinojosa A**. Recurrence and malignant degeneration after resection of adult hemispheric low-grade gliomas. *J Neurosurg*. 1/ 2010;112(1):10-17.

87. 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.* 5/ 2010;32(4):442-448.
88. Chu EA, **Quinones-Hinojosa A**, Boahene KD. Trans-blepharoplasty orbitofrontal craniotomy for repair of lateral and posterior frontal sinus cerebrospinal fluid leak. *Otolaryngol Head Neck Surg.* 6/ 2010;142(6):906-908.
89. Conway JE, Raza SM, Li K, McDermott MW, **Quinones-Hinojosa A**. A surgical modification for performing orbitozygomatic osteotomies: technical note. *Neurosurg Rev.* 10/ 2010;33(4):491-500.
- COVER ARTICLE**
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Submitted Manuscripts

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4. Chaichana KL, Zadnik P, Weingart JD, Olivi A, Gallia GL, Blakeley J, Lim M, Brem H, **Quiñones-Hinojosa A**: Multiple surgical resections for patients with glioblastoma: prolonging survival. (Submitted to *J Neurosurg* 1.9.12)
5. Chaichana KL, Jackson C, Patel A, Miller N, Subramanian P, Olivi A, Lim M, Gallia GL, Weingart JD, Brem H, **Quiñones-Hinojosa A**: Predictors of visual outcome following surgical resection of medial sphenoid wing meningiomas (Submitted to *Skull Base* 12.7.11)
6. Chaichana KL, Pendleton C, Zaidi H, Olivi A, Weingart J, Gallia GL, Lim M, Brem H, **Quiñones-Hinojosa A**: Seizure Control for Patients Undergoing Meningioma Surgery (Revision Submitted to *World Neurosurg* 12.7.11)
7. Chaichana KL, Pendleton C, Chambless L, Camara-Quintana J, Nathan JK, Hassam-Malani L, Li G, Harsh GR, Thompson RC, Lim M, **Quiñones-Hinojosa A**: Multi-Institutional Validation of a Pre-Operative Scoring System which Predicts Survival for Patients with Glioblastoma (Submitted to *World Neurosurg* 12.13.11)
8. Ravin R, Blank P, Steinkamp A, Ravin N, Bezrukov L, Guerrero-Cazares H, **Quiñones-Hinojosa A**, Bezrukov S, Zimmerberg J: Shear Forces, Not Abrupt Changes in Pressure, Generate Excitation During Blasts to Human Brain Cells (Submitted to *PNAS* 1.20.12)
9. Pendleton C, Redett RJ, **Quiñones-Hinojosa A**, Gearhart J, Dorafshar AH. Early Hypospadias Repair: The Contributions of Harvey Cushing. *World Journal of Urology*
10. Kinsman M, Pendleton C, **Quiñones-Hinojosa A**, Cohen-Gadol AA. Surgical Treatment of Head Trauma: Harvey Cushing's Early Experience at Johns Hopkins Hospital. *J Neurosurgery*
11. Dorafshar A, Pendleton C, **Quiñones-Hinojosa A**, Redett RJ. Harvey Cushing's Early Attempts at Facial Reconstruction. *J Craniofacial Surgery*
12. Biché WA, Adams H, Pendleton C, Subramanian PS, Brem H, **Quiñones-Hinojosa A**. Revisiting Leber's Disease Treatment: An Early Attempt By Emerging Titans of the 20th Century. *Archives of Ophthalmology*
13. Chesler DA, Pendleton C, **Quiñones-Hinojosa A**. Harvey Cushing's Early Management of Hydrocephalus: Ventriculosubgaleal Shunting in a Full-Term Infant *Pediatric Neurosurgery*.
14. Pendleton C, Cristofalo E, Biondo GN, Jallo GI, **Quiñones-Hinojosa A**, Ahn ES. Post-Hemorrhagic Hydrocephalus in Preterm Neonates: Socioeconomic Characteristics in a Single Institution Experience. *Pediatric Neurosurgery*
15. Pendleton C, Berger Mitchel, **Quiñones-Hinojosa A**. Harvey Cushing and the Training of Howard Christian Naffziger. *World Neurosurgery*
16. Chaichana KL, Pendleton C, Zaidi H, Olivi A, Weingart JD, Gallia GL, Lim M, Brem H, **Quiñones-Hinojosa A**. Seizure Control for Patients Undergoing Meningioma Surgery. *J Neurosurgery*
17. Raza SM, Garzon-Muvdi T, Pradilla G, Boahene K. **Quiñones-Hinojosa A**: Combined Endonasal-Transorbital Approach to the Skull Base: A Single Stage Minimally Invasive Technique for Anterior Cranial Fossa Pathology. *Neurosurgical Review*. (Submitted 1/12).
18. Amin A, Ng J, Hsu W, Pradilla G, Raza S, Quiñones-Hinojosa A, Lim M: Postoperative Anticoagulation in Patients with Mechanical Heart Valves Following Surgical Treatment of Subdural Hematomas: Case Series and Review of Current Evidence. *Neurocritical Care* (submitted 6/11)

EXTRAMURAL FUNDING

Current Research Support

- 6/1/10 - 5/31/15 Role of NKCC1 on Brain Tumor Stem Cell Migration after EGF and Slit-2 Stimulation
R01NS070024
NIH/NINDS RO1
\$324,720
P.I.: Alfredo Quinones-Hinojosa; Effort 2.4 cal mos
- 1/1/11 - 6/31/16 Retrotransposon Instability in Glioblastoma Multiforme
R01NS070024
NIH/NCI RO1
P.I.: Jef Boeke
Role on Project: Co-investigator
- 8/1/06 - 12/31/12 Migration of Human Neural Stem Cells and their Transformation to Cancer Stem Cells
Howard Hughes Medical Institute Physician-Scientist Award
\$75,000
P.I.: Alfredo Quinones-Hinojosa; Effort 0.12 cal mos
- 1/1/08 - 6/1/12 Neural and Cancer Stem Cells: Study of Migration and Transformation
Robert Wood Johnson Foundation/Harold Amos Medical Faculty Development Program
\$105,000
P.I.: Alfredo Quinones-Hinojosa; Effort 0.6 cal mos
- 10/1/08 - 12/30/12 “Comparison of Utility of Different Functional MRI Language Paradigms for Effective Presurgical Mapping of Eloquent Cortex”
Siemens
\$55,000
P.I.: Jay Pillai
Role on Project: Collaborator; Effort 0.12 cal mos
- 7/1/09 - 6/30/12 The biology and therapeutic targeting of brain cancer stem cells
107017
The James S. McDonnell Foundation
\$150,000
P. I.: John Laterra and Alfredo Quinones-Hinojosa; Effort 0.6 cal mos
- 7/1/10 - 6/30/12 Stem Cell Transplantation in Non-human Primates with Parkinsonism
Maryland Stem Cells Research Fund (TEDCO)
\$100,000
P.I.: George Ricaurte
Role on Project: Co Investigator; Effort 0.12 cal mos
- 9/1/10 - 8/31/13 Atlas of gene expression by progenitor cells of the human brain and its tumors
NYSTEM
\$25,000
P.I.: Steven Goldman
Role on Project: Collaborator; Effort 0.12 cal mos
- 12/1/11 – 1/1/13 Cancer Stem Cells in Chordoma: Implications for Tumorigenesis and Treatment
Chordoma Foundation
\$25,000

P.I.: Alfredo Quinones-Hinojosa

7/1/11 – 6/30/14 Regulation of Neural and Neoplastic Stem Cells by Kruppel-like Transcription Factors
Maryland Stem Cells Research Fund (TEDCO)
\$95, 295
P.I.: John Laterra
Role on Project: Sub-award P.I.

11/1/11 – 10/31/12 Headache Control for Patients Presenting with Intracranial Tumors
Neurosurgery Pain Institute at Johns Hopkins
\$85,299
P.I.: Alfredo Quinones-Hinojosa

5/1/10 – 12/31/12 Educational Grant – Vycor retractor
Vycor
\$42,965
P.I.: Alfredo Quinones-Hinojosa

Pending

7/1/12 – 6/30/14 BMP4 Engineered Mesenchymal Stem Cell Therapy for Glioblastoma
NIH/NINDS R21
\$250,000
P.I.: Alfredo Quinones-Hinojosa

6/1/11 - 6/30/13 Selective Strike: Using Molecules Abundant in Disease States to Target Adipocyte-Derived Human Mesenchymal Stem Cells for Therapeutic Delivery – a Model Using Glioblastoma
Maryland Stem Cell Research Fund (TEDCO)
\$115,000
P.I.: Alfredo Quinones-Hinojosa; Effort 0.6 cal mos

6/1/11 - 6/30/13 Novel Nanotechnology for Intracellular Delivery to Human Brain Cancer Stem Cells
Maryland Stem Cell Research Fund (TEDCO)
\$115,000
P.I.: Jordan Green
Role on Project: Co-Investigator; Effort 0.24 cal mos

6/1/11 - 6/30/13 Enhanced Homing of Mesenchymal Stem Cells to Brain Tumors
Maryland Stem Cell Research Fund (TEDCO)
\$115,000
P.I.: Alfredo Quinones-Hinojosa; Effort 0.12 cal mos

6/1/11 - 6/30/13 Regulation of Neural and Neoplastic Stem Cells by Kruppel-Like Transcription Factors
Maryland Stem Cell Research Fund (TEDCO)
\$100,000
P.I.: John Laterra
Role on Project: Collaborator; Effort 0.36 cal mos

6/1/11-5/31/13 Analysis of adipocyte-derived human mesenchymal stem cells as a delivery vehicle for treatment of human glioblastoma
Maryland Stem Cell Research Fund (TEDCO)
\$115,000

P.I.: Alfredo Quinones-Hinojosa; Effort 0.12 cal mos

- 9/1/11 - 8/31/13 Multimodal Nanoparticles to Treat Glioblastoma Multiforme
R21CA164455
NIH/NINDS
\$150,000
P.I.: Alfredo Quinones-Hinojosa/Jordan J. Green
Role on Project: Co-Principal Investigator; Effort 0.6 cal mos
- 11/01/11-11/01/12 Effect of Slit-Robo on the migration of pediatric brain tumor stem cells
Children Cancer Foundation
\$100,000
P.I.: Alfredo Quinones-Hinojosa; Effort 1.2 cal mos
- 12/1/11-11/30/16 BMP4 Engineered Mesenchymal Stem Cell Therapy for Glioblastoma
R01 CA149662
NIH/NCI
\$339,000
P.I.: Alfredo Quinones-Hinojosa; Effort 2.4 cal mos
- 7/1/12 – 6/30/17 Assessment of cognitive deficits associated with glioblastoma and radiation therapy
NIH/NCI R21
\$725,000
P.I.: Paul L. Soto/Alfredo Quinones-Hinojosa; Effort 0.6 cal mos
- 1/1/12 - 12/31/14 Gene Delivery Nanoparticles to Treat Glioblastoma
JHU Coulter Foundation
\$200,000
P.I.: Jordan Green/Alfredo Quinones-Hinojosa; Effort 0.6 cal mos
- 11/1/11 – 10/31/14 Use of a hydrogel biopolymer for the delivery of genetically-engineered human mesenchymal stem cells on a murine orthotopic model of human glioblastoma
Voices Against Brain Cancer
\$339,318
P.I.: Alfredo Quinones-Hinojosa
- 1/1/12 – 12/30/17 Transitioning Early Career Neurosurgeons to Scientific Independence
NIH K12 Training Grant
P.I.: Emad Eskandar
Role on Project: Advisory Board Member
- 4/1/12 – 3/31/13 Zeiss LSM 710 NLO Inverted Confocal and Multiphoton System
NIH Shared Instrumentation Grant Program (S10)
\$599,913
P.I.: Alfredo Quinones-Hinojosa

Previous Research Support

- 7/1/09 - 6/30/11 DNA Damage Response in Glioblastoma Stem Cells
106273
Maryland Stem Cell Research Fund (TEDCO)

\$100,000
P.I.: Mihoko Kai
Role on Project: Co-Principal Investigator; Effort 0.24 cal mos

6/01/09-5/31/11 Role of the Interaction between Cation-Chloride cotransporters and EGF and PDGF in Migration of Brain Tumor Stem Cells
106743
Maryland Stem Cell Research Fund (TEDCO)
\$55,000
P.I.: Tomas Garzon-Muvdi
Role on Project: Mentor

6/1/08 - 5/31/11 Molecular Mechanisms of Tumor-Propagation by Human Glioblastoma Stem Cells
104544
Maryland Stem Cell Research Fund (TEDCO)
\$100,000
P. I.: John Laterra
Role on Project: Co-Principal Investigator; Effort 0.84 cal mos

6/01/09-6/30/11 The effects of hypoxic adaptation and signaling on cancer stem cell growth and invasion
106916
Maryland Stem Cell Research Fund (TEDCO)
\$55,000
P.I.: Ahmed Moyheldin
Role on project: Mentor

6/30/08 - 6/29/11 Control of Human Neural Stem Cell Survival, Proliferation and Differentiation Using Novel Micro and Nano Fluidic Platforms
103659
Maryland Stem Cell Research Fund (TEDCO)
\$100,000
P. I.: Andre Levchenko
Role on Project: Co-Principal Investigator; Effort 0.6 cal mos

6/30/08 - 6/29/11 Characterization of Anti-Glioma Response and Migratory Patterns of IL-12 Secreting Human Mesenchymal Stem Cells
104268
Maryland Stem Cell Research Fund (TEDCO)
\$115,000
P.I.: Alfredo Quinones-Hinojosa; Effort 0.6 cal mos

7/1/06 - 6/30/11 Migration of Human Neural Stem Cells In Vitro and In Vivo
1K08NS055851
NIH/NINDS
\$163,050
P.I.: Alfredo Quinones-Hinojosa; Effort 2.4 cal mos

7/2008-6/2010 Extrinsic regulation of adult human neural and cancer stem cells in normal and disease states
Maryland Stem Cell Research Fund (TEDCO)
\$55,000
P.I.: Michael Bonaguidi
Role on Project: Co-Mentor; Effort cal mos

- 5/1/10-1/31/11 **Polymeric Nanoparticles to Treat Brain Cancer**
INBT
\$20,000
P.I.: Jordan Greene
Role on Project: Co-Investigator; Effort cal mos
- 2008-2010 **Maryland Stem Cell Research Fund (TEDCO)**
\$55,000
Guerrero- Cazares
Role on Project: Co-Investigator; Effort cal mos
Goal was to study the migration of human brain tumor stem cells in response to slit proteins
- 2009-2010 **Sistema Nacional de Investigadores del Consejo Nacional de Ciencia y Tecnologia**
National Researchers System of the Science and Technology Science Council
\$5,650
Quiñones-Hinojosa (Mentor)
- 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.
- 5/2006-6/2007 **American Brain Tumor Association**
ABTA
\$32,000.00
Quiñones-Hinojosa (Mentor) 100%
The Phenotype of Migrating GBM Astrocytes
- 8/2006 - 7/2008 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
- 7/2007-6/2008 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

- 7/2007-7/2008 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.

CLINICAL TRIALS AND IRB PROTOCOLS

Approved

Project Title: DNA Damage Response in Glioma Stem Cells

Date: 7/16/2009

PI: Kai, Mihoko

Role in Project: Investigator

Source: Maryland Stem Cell Research Fund

Project Title: Surgical Outcome of Prolactinomas

Date: 8/7/2009

PI: Salvatori, Roberto

Role in Project: Investigator

Source: Johns Hopkins Medical Institute

Project Title: MGMT Methylation and Clinical Response in High-Grade Glioma Patients Who were Treated with Gliadel (BCNU) Wafers

Date: 2/15/2010

PI: Weingart, John

Role in Project: Investigator

Source: : Johns Hopkins Medical Institute

Project Title: Stem Cell Transplantation in Non-human Primates with Parkinsonism

Date: 11/15/2010

PI: Ricaurte, George

Role in Project: Investigator

Source: Maryland Stem Cell Research Fund

Project Title: Quantitative Assessment of Cerebral Vascular Response in Brain Tumors Using High-Resolution MRI at 7T

Date: 3/3/2011

PI: Pillai, Jay

Role in Project: Investigator

Source: Brain Science Institute

Project Title: Optimization of Clinical fMRI Paradigms and DTI for Effective Presurgical Eloquent Cortical and White Matter Mapping

Date: 5/23/2011

PI: Pillai, Jay

Role in Project: Study Team Member

Source: Siemens Medical Solutions USA Inc

Project Title: Long-term Outcomes After Surgical Treatment of Brain Neoplasms

Date: 6/13/2011

PI: Quinones- Hinojosa, Alfredo

Role in Project: PI

Source: Johns Hopkins Medical Institute

Project Title: Circulating Nucleic Acids as Biomarkers of Therapeutic Response in Malignancies

Date: 6/6/2011

PI: Diaz, Luis

Role in Project: Investigator

Source: Goodwin Foundation

Project Title: Early Neurosurgeons at Johns Hopkins Hospital: Analysis of Technique, Outcomes, and Evolution of Surgical and Medical Interventions for Neurological and Non-Neurological Diseases

Date: 6/26/2011

PI: Quinones- Hinojosa, Alfredo

Role in Project: PI

Source: Johns Hopkins Medical Institute

Project Title: PHASE 2, Multi-Center, Open-Label Investigation of HSPPC-96 Vaccine with Temozolomide in Patients with Newly Diagnosed Glioblastoma Multiforme

Date: 12/1/2011

PI: Lim, Michael

Role in Project: Investigator

Source: Agenus, Inc

Project Title: Neural Stem Cells in the Human Brain

Date: 12/22/2011

PI: Quinones-Hinojosa, Alfredo

Role in Project: PI

Sources: Association of American Medical Colleges

Maryland Stem Cell Research Fund

Johns Hopkins Department of Neurosurgery

American College of Surgeons
American Brain Tumor Association
National Institute Of Neurological Disorders And Stroke
Howard Hughes Medical Institute
American Society of Clinical Oncology
Young Clinician-Scientist Award

Submitted/In Review

Project Title: Analysis of Cerebrospinal Fluid in Patients With and Without Glioblastoma Multiforme to Assess Cellular Composition and Fluid Effects on Tumor Formation, Growth, and Migration

Date: 12/14/2008

PI: Quinones- Hinojosa, Alfredo

Role in Project: PI

Source: NIH

Project Title: A Phase 3 Study Evaluation the Safety and Efficacy of Fibrin Sealant, Vapor Heated, Solvent/Detergent Treated (FS VH S/D) 500 S-APR as a Sealant for Dura Sutures in Surgeries for Primary and Secondary Brain Tumors

Date: 12/15/2008

PI: Olivi, Alessandro

Pole in Project: Investigator

Source: Confluent Surgical, Inc.

Project Title: Minimally Invasive Approaches to Intracranial and Skull Base Lesions of the Anterior Cranial Fossa

Date: 9/8/2009

PI: Boahene, Kofi

Role in Project: Investigator

Source: Vycor Medical

Project Title: Multimodality MRI De Novo Brain Tumor Imaging

Date: 1/3/2010

PI: Jarso, Samson

Role in Project: Investigator

Source: Siemens Medical Solutions USA Inc

Project Title: Extrinsic Regulation of Adult Human Neural Stem Cells in Normal and Diseased States

Date: 1/14/2010

PI: Song, Hong

Role in Project: Investigator

Source: Maryland Stem Cell Research Fund

Project Title: Biomechanics of Stem Cells

Date: 5/13/2010

PI: Quinones- Hinojosa, Alfredo

Role in Project: PI

Source: NIH

Project Title: A Phase II and Pharmacodynamic Trial of RO4929097 for Patients with Recurrent/Progressive Glioblastoma

Date: 2/14/2011

PI: Blakeley, Jaishri

Role in Project: Investigator

Source: National Cancer Institute

Project Title: Prospective Evaluation of Serum Testosterone and Quality of Life in Men with Malignant Gliomas

Date: 6/9/2011

PI: Blakeley, Jaishri

Role in Project: Investigator

Source: Lance Armstrong Foundation

Project Title: Prospective Evaluation of Positron Emission Tomography Imaging and an Intraoperative Positron Sensitive Beta Probe in Brain Tumor Surgery

Date: 8/4/2011

PI: Wahl, Richard

Role in Project: Investigator

Source: Yousem Family Research Fund

Project Title: Phase I study of Mebendazole in Newly Diagnosed High-Grade Gliomas

Date: 9/9/2011

PI: Gallia, Gary

Role in Project: Investigator

Source: Accelerate Brain Cancer Cure

Project Title: Retrospective Review of High Resolution MRI Correlation with Clinical Presentation and Outcomes

Date: 12/15/2011

PI: Blitz, Ari

Role in Project: Investigator

Source: American Society of Neuroradiology

Project Title: A Prospective Trial of Neural Progenitor Cell Sparing Radiation Therapy Plus Temozolomide for Newly Diagnosed Glioblastoma Multiforme

Date: 12/15/2011

PI: Redmond, Kristin

Role in Project: Investigator

Source: Johns Hopkins Medical Institution

Project Title: Phase 1 Study of Orally Administered Aminolevulinic Acid for Resection of Malignant Astrocytomas

Date: 12/15/2011

PI: Quinones- Hinojosa, Alfredo

Role in Project: PI

Source: Zeiss and Photonamic

Project Title: Human Brain Protein MR Imaging and Spectroscopy

Date: 12/21/2011

PI: Zhou, Jinyuan

Role in Project: Investigator

Sources: Brain Tumor Funders' Collaborative
National Inst Of Biomedical Imaging And Bioengineering

Research Program Building/ Leadership

7/05-present 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

1/07-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.

EDUCATIONAL ACTIVITIES

Published Peer-reviewed Case Reports and Illustrations

1. **Quinones-Hinojosa A**, Friedlander RM, Boyer PJ, Batchelor TT, Chiocca EA. Solitary sciatic nerve lymphoma as an initial manifestation of diffuse neurolymphomatosis. Case report and review of the literature. *J Neurosurg.* 1/2000;92(1):165-169.
2. Auguste KI, **Quinones-Hinojosa A**, Lawton MT. The tandem bypass: subclavian artery-to-middle cerebral artery bypass with dacron and saphenous vein grafts. Technical case report. *Surg Neurol.* 9/2001;56(3):164-169.
3. Vates GE, **Quinones-Hinojosa A**, Halbach VV, Lawton MT. Conus perimedullary arteriovenous fistula with intracranial drainage: case report. *Neurosurgery.* 8/2001;49(2):457-461; discussion 461-452.
4. **Quinones-Hinojosa A**, Gulati M, Lyon R, Gupta N, Yingling C. Spinal cord mapping as an adjunct for resection of intramedullary tumors: surgical technique with case illustrations. *Neurosurgery.* 11/2002; 51(5):1199-1206; discussion 1206-1197.
5. **Quinones-Hinojosa A**, Auguste K, Lawton MT. Unusual venous drainage of an arteriovenous malformation. Case illustration. *J Neurosurg.* 3/2003;98(3):642.
6. **Quinones-Hinojosa A**, Chang EF, Khan SA, McDermott MW. Isolated trigeminal nerve sarcoid granuloma mimicking trigeminal schwannoma: case report. *Neurosurgery.* 3/2003;52(3):700-705 discussion 704-705.
7. **Quinones-Hinojosa A**, Sanai N, Fischbein NJ, Rosenberg WS. Extensive intradural arachnoid cyst of the lumbar spinal canal: case report. *Surg Neurol.* 7/2003;60(1):57-59.
8. Acosta FL, Jr., **Quinones-Hinojosa A**, Schmidt MH, Weinstein PR. Diagnosis and management of sacral Tarlov cysts. Case report and review of the literature. *Neurosurg Focus.* 8/15/2003;15(2):E15.
9. Lawton MT, Vates GE, **Quinones-Hinojosa A**, McDonald WC, Marchuk DA, Young WL. Giant infiltrative cavernous malformation: clinical presentation, intervention, and genetic analysis: case report. *Neurosurgery.* 10/2004;55(4):979-980.
10. **Quinones-Hinojosa A**, Binder DK, Hemphill JC, 3rd, Manley GT. Diagnosis of posttraumatic transverse sinus thrombosis with magnetic resonance imaging/magnetic resonance venography: report of two cases. *J Trauma.* 1/2004;56(1):201-204.
11. **Quinones-Hinojosa A**, Gadkary CA, Mummaneni PV, Rosenberg WS. Split spinal cord malformation in an elderly patient: case report. *Surg Neurol.* 2/2004;61(2):201-203; discussion 203.
12. **Quinones-Hinojosa A**, Lyon R, Du R, Lawton MT. Intraoperative motor mapping of the cerebral peduncle during resection of a midbrain cavernous malformation: technical case report. *Neurosurgery.* 4/2005;56(2 Suppl):E439; discussion E439.

13. Frazier JL, Chaichana K, Jallo GI, **Quinones-Hinojosa A**. Combined endoscopic and microscopic management of pediatric pituitary region tumors through one nostril: technical note with case illustrations. *Childs Nerv Syst*. Dec 2008;24(12):1469-1478
14. Frazier JL, Johnson MW, Burger PC, Weingart JD, **Quinones-Hinojosa A**. Rapid malignant transformation of low-grade astrocytomas: report of 2 cases and review of the literature. *World Neurosurg*. 1/ 2010;73(1):53-62; discussion e55.

Invited Reviews

1. Ware ML, **Quiñones-Hinojosa A**, McDermott MW. “Pathophysiology of Malignant Meningiomas” *Seminars in Neurosurgery*. 14(3), Thieme, 2004.
2. **Quiñones-Hinojosa A**, Du R, Lawton MT. “Revascularization with Saphenous Vein Bypasses for Complex Intracranial Aneurysms” *Skull Base*. 5/2005;15(2):119-32.
3. de Almeida JP, Sherman JH, Salvatori R, **Quinones-Hinojosa A**. Pituitary stem cells: review of the literature and current understanding. *Neurosurgery*. 9/2010;67(3):770-780.
4. Pendleton C, Ahmed I, Quinones-Hinojosa, A. Neurotransplantation: lux et veritas, fiction or reality? *Journal of Neurosurgical Science*. 12/2011; 55(4): 297-304

Letters

1. **Quiñones-Hinojosa A**. “Harvard Med School Graduation Speech” Harvard Alumni Magazine, 1999
2. **Quiñones-Hinojosa A**. “Where are the Physician-Scientists? NATURE, Vol 442, P 482, 27 7/ 2006
3. **Quiñones-Hinojosa A**, Sanai N. “Preface: Stem Cells in Neurosurgery.” *Neurosurgical Clin of North America*, 1/2007, 18(1):xv-xvi.
4. **Quiñones-Hinojosa A**. “Becoming a Physician: Terra Firma—A Journey From Migrant Farm Labor to Neurosurgery”. *NEJM*, 8/ 9/2007. 529-531.
Video link: <http://content.nejm.org/cgi/content/full/357/6/529/DC1>

Book Chapters

1. **Quiñones-Hinojosa A**, Woodard EJ. “Lumbar Microdiscectomy” in *Operative Neurosurgery*. Kaye AH, Black PM (eds), Churchill Livingstone: London, UK, 2000.
2. McDermott MW, **Quiñones-Hinojosa A**, Bollen AW, Larson DA, Prados M. “Meningiomas” in *Brain Cancer 1st Edition*. M. Prados (ed). BC Decker Inc, Hamilton, London, 2002
3. McDermott MW, **Quiñones-Hinojosa A**, Fuller GN, Wilson CB. “Intra-axial Tumors: Meningiomas” in *Cancer in the Nervous System 2nd Edition*. V. Levin (ed). Oxford University Press, New York, NY, 2002
4. **Quiñones-Hinojosa A**, Gulati M, Schmidt MH. “Intramedullary Spinal Cord Tumors” in *Central Nervous System Tumors in Children 1st Edition*. N. Gupta, A. Banerjee, D. Haas-Kogan (eds), Springer, 2004
5. **Quiñones-Hinojosa A**, JunP, Jumper J, Tihan T, McDermott MW. “Choroid Plexus Tumors: Choroid Plexus Papilloma and Choroid Plexus Carcinoma” in *Textbook of Neuro-Oncology*. Berger, MS & Prados MD (Eds). 2004
6. McDermott MW, **Quiñones-Hinojosa A**, Larson DA. “The Role of Radiosurgery in the Treatment of Meningiomas”. in *Cancer of the Nervous System 3rd Edition*. P.M. Black and J. S. Loeffler (eds), Blackwell Science, Cambridge, Mass., 2004
7. Sanchez-Mejia RO, **Quiñones-Hinojosa A**, Jun P, Lawton MT. Microsurgical Management of Anterior Communicating Aneurysms. *Operative Neurosurgical Techniques*. H.H Schmidek & D. W. Roberts (eds), Saunders Elsevier: Philadelphia, US, 2006
8. Singec I and **Quiñones-Hinojosa A**. “Neurospheres.” In *Adult Neurogenesis*, CSHL 2007
9. Zaidi H and **Quiñones-Hinojosa A**. “Glioma Nuances.” *Fundamentals of Operative Techniques in Neurosurgery*. Connolly, McKhamm II, Huang, Choudhri, Komotar, Mocco (eds), Thieme 2008.

10. Conway J and **Quiñones-Hinojosa A**. “Tuberculum Sellae (Planum Sphenoidale) and Olfactory Groove Meningioma.” *Fundamentals of Operative Techniques in Neurosurgery*. Connolly, McKhamm II, Huang, Choudhri, Komotar, Mocco (eds), Thieme 2008.
11. Conway J and **Quiñones-Hinojosa A**. “Sphenoid Wing Meningioma.” *Fundamentals of Operative Techniques in Neurosurgery*. Connolly, McKhamm II, Huang, Choudhri, Komotar, Mocco (eds), Thieme 2008.
12. DiMeco F and **Quiñones-Hinojosa A**. “Brain Tumor Stem Cells”. *Youmans Textbook of Neurological Surgery*, 6th edition. Winn, Leroux, Magistrette, Oldfield, Couldwell, Howard III, McKhamm II (eds). Elsevier: Philadelphia, US, 2008.
13. Zaidi HA, Kosztowski TA, **Quinones-Hinojosa A**, “Mesenchymal Stem Cells—A single source for both spinal cord regeneration and tumor therapy.” *Journal of the Spinal Research Foundation*, 2009.
14. Pendleton C, Chaichana K and **Quinones-Hinojosa A**. “Skull Base Tumors: Anterior Fossa and Clival Lesions”, *Handbook of Neurosurgery*. Rigamonti, D. (ed). World Scientific Publication Co, Singapore, 2009.
15. Conway, J and **A Quinones-Hinojosa**, “Skull Base Tumors: Middle and Posterior Fossa Lesions”, *Handbook of Neurosurgery*. Rigamonti, D. (ed). World Scientific Publication Co, Singapore, 2009.
16. Conway, J and **A Quinones-Hinojosa**, “Dermoid and Epidermoid Tumors”, *Handbook of Neurosurgery*. Rigamonti, D. (ed). World Scientific Publication Co, Singapore, 2009.
17. Raza S and **Quinones-Hinojosa A**, “Pineal Gland Tumors”, *Handbook of Neurosurgery*. Rigamonti, D. (ed). World Scientific Publication Co, Singapore, 2009.
18. Garzon-Muvdi T and **Quinones-Hinojosa A**, “Low Grade Gliomas: Astrocytoma, Oligodendroglioma, Central Neurocytoma, and Ependymoma”, *Handbook of Neurosurgery*. Rigamonti, D. (ed). World Scientific Publication Co, Singapore, 2009.
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26. Raza S, Woodworth G, **Quinones-Hinojosa A**. “Procedure 4: Subtemporal (Intradural and Extradural) Craniotomy”, *Core Techniques in Operative Neurosurgery*. Jandial R (ed). Elsevier, 2011.
27. Raza S and **Quinones-Hinojosa A**. “Procedure 5: Suboccipital Craniotomy”, *Core Techniques in Operative Neurosurgery*. Jandial R (ed). Elsevier, 2011.
28. Raza S and **Quinones-Hinojosa A**. “Procedure 6: Extended Retrosigmoid Craniotomy”, *Core Techniques in Operative Neurosurgery*. Jandial R (ed). Elsevier, 2011.
29. Chaichana K and **Quinones-Hinojosa A**. “Procedure 9: Transnasal Transsphenoidal Approach to Sellar and Suprasellar Lesions”, *Core Techniques in Operative Neurosurgery*. Jandial R (ed). Elsevier, 2011.
30. Raza S and **Quinones-Hinojosa A**. “Procedure 10: Supracerebellar Infratentorial Approach”, *Core Techniques in Operative Neurosurgery*. Jandial R (ed). Elsevier, 2011.
31. Bettgowda C, Raza S, Jallo G, Badie B and **Quinones-Hinojosa A**. “Procedure 14: Supraorbital (Keyhole) Craniotomy with Optional Orbital Osteotomy”, *Core Techniques in Operative Neurosurgery*. Jandial R (ed). Elsevier, 2011.

32. Pendleton C, **Quinones-Hinojosa A.** “Tissue and Progenitor Cell Transplantation for the Management of Pituitary Disorders: From Harvey Cushing to the Next Frontier” Human Fetal Tissue Transplantation. Bhattacharya & Stubblefield. Springer, 2011.
33. Guerrero-Cazares H, Attenello FJ, Noiman L., **Quiñones-Hinojosa A.** “Stem Cells in Gliomas”. In Grishold D, Sofietti R (eds). Handbook of Clinical Neurology: Neuro-oncology Volume. Edinburgh, UK: Elsevier 2011.
34. **Quinones-Hinojosa A**, Kosztowski T and Brem H. “Chapter 125: Malignant Gliomas”, Youmans Textbook of Neurological Surgery. Winn HR (ed). Elsevier: Philadelphia, US, 2011.
35. Recinos PF, Goodwin CR, Brem H, **Quiñones-Hinojosa A.** Transcranial Surgery for Pituitary Macroadenomas. Operative Neurosurgical Techniques. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2012.
36. Boahene DK, Dagi F, **Quiñones-Hinojosa A.** Management of Cerebrospinal Fluid Leaks. Operative Neurosurgical Techniques. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2012.
37. Raza SM, **Quinones-Hinojosa A**, Subramanian PS. Surgical Management of Orbital Tumors. Operative Neurosurgical Techniques. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2012.
38. Rachel Grossman R, Schmidek HH, **Quiñones-Hinojosa A.** Surgical Management of Suppurative Intracranial Infections. Operative Neurosurgical Techniques. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2012.
39. Ramos-Zúñiga R, Raza SM, **Quiñones-Hinojosa A.** Supra-orbital approach variants for intracranial tumors. Operative Neurosurgical Techniques. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2012.
40. **Quinones-Hinojosa A**, Chaichana K. The role of surgery in the management of high grade gliomas (covering: newly diagnosed, recurrent and multi-focal high grade gliomas). Controversies in Neuro-Oncology: Best Evidence Medicine for Brain Tumor Surgery. Quinones-Hinojosa A (ed), Thieme: New York, US, 2012.
41. **Quinones-Hinojosa A**, Raza S. Role of surgery (Gross total versus subtotal resection) in non-functioning pituitary macroadenomas. Controversies in Neuro-Oncology: Best Evidence Medicine for Brain Tumor Surgery. Quinones-Hinojosa A (ed), Thieme: New York, US, 2012.
42. **Quinones-Hinojosa A**, Raza S. Role of surgery in management of skull base chordomas. Controversies in Neuro-Oncology: Best Evidence Medicine for Brain Tumor Surgery. Quinones-Hinojosa A (ed), Thieme: New York, US, 2012.
43. **Quinones-Hinojosa A**, Raza S. Surgical Resection of Deep Intra-Axial Lesions (i.e. Thalamic Low Grade Gliomas). Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
44. **Quinones-Hinojosa A**, Chaichana K, McDermott M. Surgical Resection of Falco-Tentorial Meningiomas. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
45. **Quinones-Hinojosa A**, Raza S, Olivi A. Transcallosal – Transforaminal and Transchoroidal Approach to Third Ventricular Tumors. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
46. **Quinones-Hinojosa A**, Raza S. Trans-Lamina Terminalis Approach to Third Ventricular Tumors. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
47. **Quinones-Hinojosa A**, Raza S, Chaichana K. Telovelar Approach to Fourth Ventricular Tumors (with Brainstem Mapping). Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
48. **Quinones-Hinojosa A**, Boahene K. Endoscopic Endonasal Resection of Clival Chordomas. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
49. Raza S, Lawton M, **Quinones-Hinojosa A.** Orbitozygomatic craniotomy for Skull Base Tumors. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.

50. Boahene K, Raza S, **Quinones-Hinojosa A**. Supraorbital osteotomy for Brain Tumors: eyelid, eyebrow. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
51. Raza S, **Quinones-Hinojosa A**, Boahene K. Transconjunctival and Endonasal approach to lesions of the anterior skull base and csf leak repairs. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
52. Richmon J, **Quinones-Hinojosa A**. Transmaxillary approach to lesions in the anterior skull base. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
53. Raza S, Conway J, **Quinones-Hinojosa A**. Retrosigmoid vs extended retrosigmoid craniotomy for Skull Base tumors. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.
54. Boahene K, Richmon J, **Quinones-Hinojosa A**. Transmaxillary and Subfrontal Approach to Skull Base Pathology. Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Quinones-Hinojosa A (ed), Elsevier: Philadelphia, US, 2013.

Edited and Authored Books

1. Liu C, **Quiñones-Hinojosa A**. (eds). “Stem Cell Opportunities in Neurosurgery” Neurosurgical Focus 9/2005; Volume 19:3.
2. **Quiñones-Hinojosa A**, Sanai N (eds). “Stem Cells in Neurosurgery” Topic Editors Neurosurgical Clin of North America, Volume 18:1, 1/2007.
3. **Quinones-Hinojosa A** and Raza S (cranial/general section eds) “Essential techniques in Operative Neurosurgery”. Jandial R, McCormick P and Black P (eds). Elsevier, 2011.
4. **Quinones-Hinojosa A** (tumor section ed), “Handbook of Neurosurgery”, Rigamonti D (ed). World Scientific publication Co, Singapore, 2012.
5. **Quinones-Hinojosa A** (tumor Section ed), “Schmidek and Sweet Operative Neurosurgical Techniques, 6e”, Elsevier, 2012.
6. **Quinones-Hinojosa A**, (chief ed), Schmidek and Sweet Operative Neurosurgical Techniques, 6e. Quinones-Hinojosa A, Auguste K, Ogilvy C, Hoh B, Rigamonti D, Eskandar E, Cosgrove G, Manley G, Gokaslan Z, Belzberg A (eds). Elsevier, 2012.
7. **Quinones-Hinojosa A**, Eichler M. Becoming Dr Q: My Journey from Migrant Farm Worker to Brain Surgeon. UC Press, 2011.
8. **Quinones-Hinojosa A**, (chief ed), Controversies in Neuro-Oncology: Best Evidence Medicine for Brain Tumor Surgery. Thieme, 2013.
9. **Quinones-Hinojosa A**, (chief ed), Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Elsevier, 2013.
10. **Quinones-Hinojosa A**, (co-section editor of Non-Skull Bases Approaches to Intra-axial, Extra-axial, and intraventricular tumors), Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Elsevier, 2013.
11. **Quinones-Hinojosa A**, (co-section editor of Skull Base Tumors), Comprehensive Multimedia Atlas of Neurosurgery: Nuances of Technique and Complication Avoidance. Elsevier, 2013.

Webinars and Newsletters for Patients

1. **Quinones-Hinojosa**. “I have a pituitary lesion: now what do I do?”, Hopkins Pituitary Center Educational Webinar, April 2011
http://www.hopkinsmedicine.org/neurology_neurosurgery/specialty_areas/pituitary_center/index.html

2. **Q-Team Updates E-Newsletter.**
http://www.hopkinsmedicine.org/neurology_neurosurgery/research/neurosurgery-brain-stem-cell-lab/enews/ptc-winter2010/
3. **Pituitary Center Newsletter:** <http://www.hopkinsmedicine.org/bin/q/j/pituitary-patient-newsletter-032010.pdf>
4. **iBio Magazine:** “How I Became a Scientist”, October 2011. Part 1 (Brain Tumors):
<http://www.ibiomagazine.org/issues/september-2011-issue/alfredo-quinones-hinojosa.html>.
5. **iBio Seminars: Part 1 (Brain Tumors):** <http://www.ibioseminars.org/lectures/neuroscience/quinones-hinojosa.html>
6. **iBio Seminars: Part 2 (Stem Cells and Brain Tumors):**
<http://www.ibioseminars.org/lectures/neuroscience/quinones-hinojosa/quinones-hinojosa-part-2.html>

Teaching:

Classroom Instruction

1990	Spanish Literacy workshop leader and English Workshop Leader for migrant farm workers; Stockton, California
1992–1993	Physics Workshop leader for Student Learning Center, UC Berkeley
1992–1994	Calculus Assistant for the Professional Development Program, UC Berkeley
1993–1994	MCAT workshop-leader for the Hispanic Center Of Excellence, University of California, Davis, School of Medicine
9/ 1997– 11/ 1997	Harvard Medical School Tutor for Patient-Doctor II
Spring 2004	UCSF Medical School Mind Brain and Behavior Group Leader
Spring 2004	UCSF Medical School Elective Class
July 1, 2006	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 8, 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
Sept 15-18, 2006	2nd Neuroscience School in Maracaibo and 4th Caribbean Neurobiology Course: Stem Cells in the Human Brain: Immunocytochemistry Techniques Maracaibo, Venezuela, Sponsored by IBRO
Feb 15, 2007	Neuroscience Graduate Course: Adult Neural Stem Cells Lecture Johns Hopkins Medical School
February 20, 2007	“First Endoscopic Skull Base Course” for Neurosurgery and ENT residents Role: Faculty organizer, sponsor, and lecturer
March 2, 2007	2nd year NeuroPath Course: Neural Stem Cells Lecture Johns Hopkins Medical School
March 7, 2007	1 st year Neuroscience Course: CNS Stem Cells Johns Hopkins Medical School
March 22, 2007	1st year Neuroscience Course: Brain Mapping Johns Hopkins Medical School
May 31, 2007	Skull Base Laboratory: Bifrontal Extended and Orbitozygomatic Approach at the Vista laboratory. Course Co-Director with Jim Conway and Khan Li

Oct 13, 2007	Skull Base Laboratory: Bifrontal Extended, Subtemporal, Subfrontal, and Far lateral Approaches at the Vista laboratory. Course Co-Director with James Frazier
May 10, 2008	Skull Base Laboratory at the Vista Laboratory
June 2008	Summer Program in Neuroscience, Ethics & Survival Faculty, Marine Biological Laboratory, Woods Hole, MA
July 2009	Summer Program in Neuroscience, Ethics & Survival Faculty, Marine Biological Laboratory, Woods Hole, MA
September 12, 2009	Skull Base Laboratory at the Vista Laboratory: Combined Approaches to the Skull Base. Course Co-Director with Kofi Boahene
June 2010	Summer Program in Neuroscience, Ethics & Survival Faculty, Marine Biological Laboratory, Woods Hole, MA
December 3-4, 2010	Skull Base Laboratory at the Vista Laboratory: Combined Approaches to the Skull Base. Course Co-Director with Kofi Boahene
February 8, 2011	Medical Student Lecture on Stem Cells: Unit of Development and Unit of Regeneration (topic: Adult CNS Neural Stem Cells)
August 26, 2011	Approaches for Brain Tumor and Vascular Neurosurgery CNS Chief Residents' Course
November 11-12, 2011	Course Co-Director with Dr. Michael Lawton, New Orleans, LA Brain Tumor and Vascular Neurosurgery, Complex Skull Base Approaches

Clinical Instruction

2005 – Present
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

4/99 Scientific Presenter of two lectures in the Vascular Section, American Association of Neurological Surgeons Annual Meeting
8/01 Scientific Presenter of one paper, 9th International Facial Nerve Symposium
10/01 Scientific Presenter of four papers, Congress of Neurological Surgeons Meeting
10/03 Scientific Presenter of two papers, Congress of Neurological Surgeons Meeting
10/04 Scientific Presenter of one paper, Congress of Neurological Surgeons Meeting
10/05 Scientific Presenter of one paper, Congress of Neurological Surgeons Meeting
10/09 Scientific Presenter of two papers, Congress of Neurological Surgeons Meeting

CME Invited Workshops, Seminars, Lectureships, Visiting Professorships, and Grand Rounds: Scientific and Clinical

Local

1. **Quiñones-Hinojosa A.** “Stem Cells in the Human Brain” Presented at Grand Rounds Johns Hopkins University Neurosurgery Department, Baltimore, MD Dec 2004.
2. **Quiñones-Hinojosa A.** "100 Years later: From Stars to Stem Cells in the Human SVZ." The Clinical Neuroscience Seminar. Johns Hopkins University March 13 2006.
3. **Quiñones-Hinojosa A.** "Brain Tumors: Current Management Strategies" seminar on Neurosurgical issues in Oncology, Johns Hopkins Sidney Kimmel Cancer Center May 10, 2006.
4. **Quiñones-Hinojosa A** “Title: "Human Stem Cells: Past, Present, and Future"”. Neurosurgery Grand Rounds, Johns Hopkins University, August 10, 2006.
5. **Quiñones-Hinojosa A.** “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.
6. **Quiñones-Hinojosa A** “Endonasal Approach to Pituitary Lesions”. Prince George's Hospital Center Grand Rounds, Cheverly, MD, Nov 8, 2006.
7. **Quiñones-Hinojosa A** “Human Stem Cells: Fiction or Reality?”. St. Agnes Medical Center, Baltimore, MD, Sept 21, 2006.
8. **Quiñones-Hinojosa A** "Brain Tumors-Current Management strategies" Suburban Hospital in Montgomery County, Baltimore, MD, Nov 10, 2006.
9. **Quiñones-Hinojosa A** “Human Stem Cells: their role in regeneration and in the origin of brain tumors”. St. Joseph's Medical Center, Towson, MD, Nov 22, 2006.
10. **Quiñones-Hinojosa A** "Human Stem Cells " Sidney Kimmel Comprehensive Cancer Center Grand Rounds , Johns Hopkins Hospital, Baltimore, MD, Jan 5, 2007.
11. **Quiñones-Hinojosa A** "Human Stem Cells: Past, Present, and Future" Franklin Square Hospital, Baltimore, MD, Jan 18, 2007.
12. **Quiñones-Hinojosa A** “Meningiomas” Johns Hopkins Neurosurgery Grand Rounds, Baltimore, MD, Feb 1, 2007.
13. **Quiñones-Hinojosa A** “The Supraorbital Approach for Skull-base Tumors” Johns Hopkins Neurosurgery Grand Rounds, Baltimore, MD, March 1, 2007.
14. **Quiñones-Hinojosa A** "Bifrontal Extended Craniotomy for Brain Tumors" Johns Hopkins Neurosurgery Grand Rounds, Baltimore, MD, March 22, 2007.
15. **Quiñones-Hinojosa A.** "Adult Neural Stem Cells" The Clinical Neuroscience Seminar. Johns Hopkins University April 9, 2007.
16. **Quiñones-Hinojosa A.** "Endoscopically Assisted Endonasal Approach to the Pituitary: An Alternative to the Sublabial Approach". Endocrinology Grand Rounds, Johns Hopkins Medicine, April 10, 2007.
17. **Quiñones-Hinojosa A.** "Malignant Brain Tumors: Etiology and Management" Johns Hopkins Bayview Medical Center, Medicine Grand Rounds. Johns Hopkins University April 24, 2007.
18. **Quiñones-Hinojosa A and M McGirt** “Neurooncology Surgical Outcomes Research Group” Johns Hopkins Neurosurgery Grand Rounds, Baltimore, MD, July 19, 2007.
19. **Quiñones-Hinojosa A** "Human Stem Cells: Their Role in Regeneration and Tumorigenesis" Harbor Hospital, Baltimore, MD, July 27, 2007.
20. **Quiñones-Hinojosa A** " "Three common Neurosurgical Quandaries: the Back, Normal Pressure Hydrocephalus and Brain Tumors" Johns Hopkins Bayview Hospital, Baltimore, MD, Dec 15, 2007.
21. **Quiñones-Hinojosa A.** “ICU Management of Brain Neoplasms”, 3rd Annual Neurocritical Care for the Medical and Surgical Intensivist: The Comprehensive Cerebrovascular Center, March 19, 2011.
22. **Quiñones-Hinojosa A.** “Modern management of Pituitary Tumors”, Invited Grand Rounds lecture with Dr. William Valente, Mercy Medical Center, April 6, 2011.

National

23. **Quiñones-Hinojosa A, Ojemann SG, Sanai N, Dillon WP, Berger MS.** “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.
24. **Quiñones-Hinojosa A** “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.

25. **Quiñones-Hinojosa A** “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.
26. **Quiñones-Hinojosa A** “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.
27. **Quiñones-Hinojosa A.** “Bridging the Gap in the Fight Against Cancer: From the Operating Room to the Laboratory”, Invited Grand Rounds lecture, Dartmouth-Hitchcock Medical Center, May 6, 2011.

International

28. **Quiñones-Hinojosa A.** “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.
29. **Quiñones-Hinojosa A.** “Minimally Invasive Brain Surgery of the Skull Base”, Presenter and Director of Multidisciplinary Perspectives in Brain Tumor Management at XX International Neurological Surgery Conference, Cancun Mexico, July 2009.
30. **Quiñones-Hinojosa A.** “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.

Mentoring: Pre- and Post-doctoral

Dates	Name	Role	Awards and Grant Support	Current Position
POSTDOCTORAL FELLOWS				
2005-present	Shaan Raza, M.D.	Mentor, Research Advisor	NIH T32	Neurosurgery Resident and Neurooncology Fellow, Johns Hopkins University
2007-present	Hugo Guerrero-Cazares, M.D. Ph.D,	Research Supervisor	MSCRF (TEDCO)	Postdoctoral fellow, Johns Hopkins University
2007-Present	Pragathi Achanta, Ph.D.	Research Supervisor		Postdoctoral fellow, Johns Hopkins University
2007-2008	James L. Frazier, M.D.	Mentor	NREF, NIH T32, NIH student loan repayment grant	Neurosurgery attending, Mercy Hospital Baltimore
2007-Present	Ahmed Mohyeldin, M.D., Ph.D.	Research Supervisor	MSCRF (TEDCO)	Neurosurgery Resident, Ohio University
2008-Present	Tomas Garzon-Muvdi, M.D., M.Sc.	Research Supervisor	MSCRF (TEDCO)	Postdoctoral research fellow and Neurosurgery Resident, Johns Hopkins University
2009-present	Candice Shaifer, Ph.D	Mentor		Postdoctoral research fellow Johns Hopkins University
2008-2010	Elena Anghileri, Ph.D.	Mentor	Verona Italy Grant Support	Postdoctoral Fellow, Italy
2009-Present	Hadie Adams, M.D.	Research Supervisor		PhD student and neurosurgery resident, Nijmegen
2010-Present	David Chesler, M.D., Ph.D.	Mentor	NIH T32	Neurosurgery Resident, University of Maryland

2010-Present	Nestoras Mathioudakis, M.D.	Mentor	NIH T32	Endocrinology Fellow, Johns Hopkins University
GRADUATE STUDENTS				
Dates	Name	Role	Awards and Grant Support	Current Position
2002-2005	Zaman Mirzadeh, M.D., Ph.D.	Supervised and Mentored during Clinical and Research years	NIH	Neurosurgery Resident, Barrow Neurological Institute
2007-Present	Christopher Smith, B.S.	Mentor	UNCF/Merck	Graduate Student, Biomedical Engineering, Johns Hopkins University
2008-2011	Guillermo Vela, B.S.	Supervised Research		Graduate Student, Johns Hopkins University
2009-Present	Sagar Shah, B.S.	Mentor	NSF	PhD Candidate, Biomedical Engineering, Johns Hopkins University
2010-Present	Vivian Capilla-Gonzalez, B.S.	Mentor		Ph.D. Candidate, University of Valencia
2010-Present	William Ruff, B.S.	Research Supervisor		Research Specialist and graduate student, Johns Hopkins University
2010-Present	Sara Abbadi, B.S., M.Sc.	Mentor		Ph.D. Candidate, University of Padova
RESIDENTS AND MEDICAL STUDENTS				
Dates	Name	Role	Awards and Grant Support	Current Position
1997-2005	Frank Acosta, M.D.	Supervised and Mentored during Clinical and Research years	HHMI	Assistant Professor, Neurosurgery Clinical Director, Spinal Deformity Cedars Sinai Medical Center
1997-2000	Junaid Malek, M.D.	Research Supervision During his Undergraduate Honor's Thesis		General Surgery Resident at Harvard
2000-2005	Nader Sanai, M.D.	Supervised and Mentored during Clinical and Research years	HHMI	Assistant Professor and Director of Neuro-Oncology, Barrow Neurological Institute
2000-2003	Chirag Gadkary, M.D.	Supervised and Mentored during Clinical and Research years	Doris Duke Fellowship	Assistant Professor, Cedars Sinai Medical Center
2002-2005	Eddie Chang, M.D.	Supervised and Mentored	HHMI	Assistant Professor, University of California San Francisco

		during Clinical and Research years		
2002-2006	Jared Narvid, B.S.	Supervised and Mentored during Clinical and Research years	HHMI	UCSF Radiology Resident
2002-2005	Peter Jun, M.D.	Supervised and Mentored during Clinical and Research years	HHMI	UCSF Radiology Resident
2001-2004	Gabriel Zada, M.D.	Supervised and Mentored during Clinical and Research years		Resident in Neurosurgery at the University of Southern California
2005-present	Kaisorn Chaichana, M.D.	Thesis and Research Advisor	Harvey Cushing Award, Henry Strong Denison Award, Paul Ehrlich Young Award, ABTA Research Fellowship	Neurosurgery Resident, Johns Hopkins
2005-2006	Bryant McIver, M.D.	Thesis and Research Advisor	Hopkins Deans Research Fund	Resident Emory University
2005-2008	Grettel Zamora, B.S.	Thesis and Research Advisor		Medical Student, University of Michigan
2005-2008	Joaquin Camara-Quintana, B.S.	Thesis and Research Advisor	NIH Supplement Grant	Medical Student Stanford University
2006-2007	Catherine Christie, B.S.	Thesis and Research Advisor for MPH at Hopkins		MPH student at Johns Hopkins
2007-2009	Frank Atenello, M.D.	Mentor	HHMI	Neurosurgery resident, USC
2007-2008	Amar Patel	Mentor	ABTA	Medical Student, Johns Hopkins University
2007-2008	Aditya Halthore	Mentor	ABTA	Medical Student, Dartmouth University
2008-Present	Thomas Kosztowski, M.D.	Supervised Research	HHMI	Neurosurgery Resident, Johns Hopkins University
2008-2010	Hasan Zaidi, M.D.	Supervised Research	HHMI	Neurosurgery Resident, Barrow Neurological Institute

2008-Present	Courtney Pendelton	Supervised Research	HHMI	Medical Student Johns Hopkins University
2008-2009	Ghazala Dato	Mentor	Hopkins Deans Fellowship and NIH T32 Predoctoral Clinical Research Training Program	Ophthalmology Resident, University of Southern California
2009-2010	Neda Sedora-Roman	Mentor	HHMI	Radiology Resident, Harvard Medical School, Beth Israel Hospital
2009-present	Katherine Sperle	Mentor	Deans Fellowship	Medical student, Johns Hopkins University
2009-present	Eric Momin	Mentor	Doris Duke Fellowship	Medical student, Johns Hopkins University
2009-present	QingYang (Kristy) Yuan	Mentor	HHMI	Medical student, Neurology Resident, Wash University
2010-Present	Linda Chen, B.S.	Mentor	HHMI AOA	Medical Student, Duke University HHMI Fellow, Johns Hopkins University
2010	Alejandro Martinez	Mentor		Medical Resident, Mexico City
2010	Elsa Rodarte	Mentor		Medical Resident, Mexico City
2010	Bowen Jiang	Supervised and Mentored during Clinical and Research years	ABTA	Medical Student Summer Internship/Fellowship
2010	Javier Avendano, M.D.	Supervised Research	Neurological Institute, Mexico	Neurosurgeon, NINN, Mexico City
2011	Andrea Diaz-Stransky	Mentor		Medical Student, Monterey Mexico
2011	Javier Jose Aguayo	Mentor		Medical Student, Monterey Mexico
UNDERGRADUATE STUDENTS				
Dates	Name	Role	Awards and Grant Support	Current Position
2005-2006	Roxana Mesias, B.S.	Research Supervision in my laboratory	Adams Professional Development Fellowship	Graduate Student, NYC
2005-2006	James Han	Supervised Research	Provost Undergraduate Research Award	Graduate Student, Johns Hopkins
2005-2006	Ariana Barkley	Thesis and Research Advisor		Undergraduate Student Hopkins
2005-2007	Ashwini Niranjana	Thesis and Research	Provost Undergraduate	Medical Student Johns Hopkins University

		Advisor	Research Award	
2006-2009	Sofia Martinez	Mentor		Medical Student University of Michigan
2006-2007	Alyssa Choi	Thesis and Research Advisor		Medical Student Johns Hopkins University
2007	Ernesto Gonzalez	Mentor		Medical Student
2007	April Atiba	Mentor		Research Student
2007-2008	Hatice Basdag	Supervised Research		Medical Student, Johns Hopkins University
2007-2009	Sofie Christensen	Mentor		Nursing Graduate Student, Johns Hopkins University
2007-2010	Deepak Atri	Mentor	Provost Undergraduate Research Award	Medical Student, Yale University
2009-2010	David Purger	Mentor		Medical Student, Stanford University
2009-2011	Lakesha Johnson	Mentor		Medical School PREP scholar, Johns Hopkins University
2009-Present	Liron Noiman, B.A.	Research Supervisor		Laboratory Technician, Johns Hopkins University
2009-Present	Sooji Lee	Mentor	Provost Undergraduate Research Award	Undergraduate student, Johns Hopkins University
2010-Present	Julia Litzky	Mentor		Undergraduate student, Hamilton University
2010-present	Brian Liu	Mentor		Hopkins, Undergraduate student
2010-present	Alex Liu	Mentor		Hopkins, Undergraduate student
2010-present	Nathaniel Tippens	Mentor		Hopkins, Undergraduate student
2010-Present	Christopher Mancuso	Mentor		Hopkins, Undergraduate student

Thesis Committees & Training Grant Participation

- 2005-present 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)
- 2006-present Training Advisory Committee of the American Psychological Association Diversity Program in Neuroscience. NIH sponsored grant (NIH 5T32MH018882)
- 2006-present Training Advisory Committee and Faculty Member: The Summer Program in Neuroscience, Ethics, and Survival. NIH sponsored grant (NIH 2R25MH055929)
- 2006-2010 Training Advisory Committee and Faculty Member: Specialized Neuroscience Research Program Summer Research Program. NIH sponsored grant (NIH 5U54NS039409)
- 2006- Thesis committee for Christopher Smith, PhD candidate, Johns Hopkins University Biomedical

present Engineering
2009- Thesis committee for Sagar Shah, PhD candidate, Johns Hopkins University Biomedical Engineering
present
2010- Thesis committee for Kshitiz Gupta, PhD candidate, Johns Hopkins University Biomedical Engineering
2011
2010- Thesis committee for Stepheny Tzeng, PhD candidate, Johns Hopkins University Biomedical Engineering
present
2011- Training Advisory Committee and Faculty Member for Research Training in Endocrinology at Johns
present Hopkins University. NIH sponsored grant
2011- Faculty mentor for Neuroscience Academic Development Award (NSADA) at Johns Hopkins
present University

Educational Program Building / Leadership

12/9 – 12/11/2011 5th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”
Project Number:
Sponsor: Stryker
Annual Direct Costs: \$100,000
P.I.: Alfredo Quinones-Hinojosa
Role on Project: Principal Investigator
The funds from this grant will be used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course will consist of didactic sessions as well as cadaveric dissection.

9/24/11 Pituitary Tumor Center Patient Education Day Project Number:
Sponsor: Ipsen
Annual Direct Costs: \$15,000
P.I.: Alfredo Quinones-Hinojosa and Roberto Salvatori
Role on Project: Co-Principal Investigator
The funds from this grant were used for an educational course for patients on pituitary tumors, treatments and management.

8/6/2011 4th Annual Quinones-Hinojosa Stem Cell luncheon for patients
Project Number: pending
Sponsor: Hopkins
Annual Direct Costs: \$25,000
P.I.: Alfredo Quinones-Hinojosa
Role on Project: Principal Investigator
The funds from this grant will be used for an educational day for patients to update them on current stem cell research and therapies for brain cancer.

7/24/2010 3rd Annual Quinones-Hinojosa Stem Cell luncheon for patients
Project Number: 107986
Sponsor: Eisai
Annual Direct Costs: \$7,500
P.I.: Alfredo Quinones-Hinojosa
Role on Project: Principal Investigator
The funds from this grant were used to host an educational day for patients to update them on current stem cell research and thereapies for brain cancer.

- 12/3 – 12/4/2010 4th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”
Project Number:
Sponsor: Stryker
Annual Direct Costs: \$75,000
P.I.: Alfredo Quinones-Hinojosa
Role on Project: Principal Investigator
The funds from this grant will be used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.
- 12/3 – 12/4/2010 4th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”
Project Number:
Sponsor: Covidien
Annual Direct Costs: \$15,000
P.I.: Alfredo Quinones-Hinojosa
Role on Project: Principal Investigator
The funds from this grant were used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.
- 12/3 – 12/4/2010 4th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”
Project Number:
Sponsor: Baxter
Annual Direct Costs: \$5,000
P.I.: Alfredo Quinones-Hinojosa
Role on Project: Principal Investigator
The funds from this grant were used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.
- 12/3 – 12/4/2010 4th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”
Project Number:
Sponsor: Leica
Annual Direct Costs: \$1,000
P.I.: Alfredo Quinones-Hinojosa
Role on Project: Principal Investigator
The funds from this grant were used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.
- 9/25/2010 Pituitary Tumor Center Patient Education Day Project Number:
Sponsor: Ipsen
Annual Direct Costs: \$15,000
P.I.: Alfredo Quinones-Hinojosa and Roberto Salvatori
Role on Project: Co-Principal Investigator

The funds from this grant were used for an educational course for patients on pituitary tumors, treatments and management.

9/12/2009

3rd Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”

Project Number:

Sponsor: Covidien

Annual Direct Costs: \$12,500

P.I.: Alfredo Quinones-Hinojosa

Role on Project: Principal Investigator

The funds from this grant were used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.

DEVELOPMENT AND FUNDRAISING ACTIVITIES

1. Baltimore Running Festival, October 2011: ran half-marathon to raise money and awareness for brain cancer research; www.active.com/donate/qquest

Patient and Supporter-hosted events

2. Mary Lamb’s inaugural Bull Roast and Shrimp Feast, January 15, 2011; event drew over 150 participants and raised more than \$10,000 for brain tumor research
3. Mary Lamb’s inaugural Crab Feast, September 18, 2011; event drew over 265 participants and raised \$9,000 for brain tumor research
4. Mary Lamb’s 2nd annual Bull Roast and Shrimp Feast, January 12, 2012
5. Ann Van Wagner and Shelli Truelove’s inaugural “Bungs for Brains” event, July 16, 2011; event drew over 50 participants and raised over \$2000 for brain tumor research
6. Ann Van Wagner’s inaugural “Bowling for Brains” event; May 15, 2011; event raised over \$15,000 for brain tumor research
7. Brain Cancer Research Foundation for a Cure inaugural “Creating Hope Motorcycle Ride” event; August 22, 2009. <http://braincancerresearch4thecure.com/index.html>

Total Fundraising dollars raised: \$494,769

Total number of supporters: 803

PHILANTHROPIC EFFORTS

International

1. Mexico Mission Trip, August 2011: Performed complete surgeries including pre and post op appointments for underprivileged population in Guadalajara, Mexico.

CLINICAL ACTIVITIES

Certification

7/99 Basic Life Support Certification

7/99 Advanced Cardiac Life Support Certification

- 7/99 Advanced Trauma Life Support Certification
- 4/01 California Medical License # A74329
- 7/05 Maryland Medical License # D0063470
- 11/10 Certified by American Board of Neurological Surgeons

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 follow up 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 (95% brain tumor cases)
Average 5 cases per week x 50 weeks per year (30 hours per week)

Clinical Program Building

- 7/05 Director, Brain Tumor Surgery Program at Johns Hopkins Bayview
- 7/09 Director, Neurosurgical Pituitary Center at Johns Hopkins University

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

System Innovation and Quality Improvement Publications:

1. **Ref # 54.** Attenello FJ, Mukherjee D, Dato G, McGirt MJ, Bohan E, Weingart JD, Olivi A, **Quinones-Hinojosa A**, Brem H. Use of Gliadel (BCNU) wafer in the surgical treatment of malignant glioma: a 10-year institutional experience. *Ann Surg Oncol.* 10/ 2008;15(10):2887-2893.
2. **Ref # 55.** Chaichana KL, McGirt MJ, Frazier J, Attenello F, Guerrero-Cazares H, **Quinones-Hinojosa A**. Relationship of glioblastoma multiforme to the lateral ventricles predicts survival following tumor resection. *J Neurooncol.* 9/ 2008;89(2):219-224.
3. **Ref # 56.** 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.* 4/ 2008;108(4):736-745.
4. **Ref # 58.** McGirt MJ, Chaichana KL, Attenello FJ, Weingart JD, Than K, Burger PC, Olivi A, Brem H, **Quinones-Hinojosa A**. Extent of surgical resection is independently associated with survival in patients with hemispheric infiltrating low-grade gliomas. *Neurosurgery.* 10/ 2008;63(4):700-707; author reply 707-708.
5. **Ref # 59.** McGirt MJ, Chaichana KL, Gathinji M, Attenello F, Than K, Ruiz AJ, Olivi A, **Quinones-Hinojosa A**. Persistent outpatient hyperglycemia is independently associated with decreased survival after primary resection of malignant brain astrocytomas. *Neurosurgery.* 8/ 2008;63(2):286-291; discussion 291.
6. **Ref # 62.** Sanai N, **Quinones-Hinojosa A**, Narvid J, Kunwar S. Safety and efficacy of the direct endonasal transsphenoidal approach for challenging sellar tumors. *J Neurooncol.* 5/ 2008;87(3):317-325.
7. **Ref # 63.** Baird CJ, Conway JE, Sciubba DM, Prevedello DM, **Quinones-Hinojosa A**, Kassam AB. Radiographic and anatomic basis of endoscopic anterior craniocervical decompression: a comparison of endonasal, transoral, and transcervical approaches. *Neurosurgery.* 12/ 2009;65(6 Suppl):158-163; discussion 163-154.
8. **Ref # 65.** Chaichana KL, McGirt MJ, Niranjana 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.* 11/ 2009;31(9):931-939.

9. **Ref # 66.** Chaichana KL, Parker SL, Olivi A, **Quinones-Hinojosa A.** Long-term seizure outcomes in adult patients undergoing primary resection of malignant brain astrocytomas. Clinical article. *J Neurosurg.* 8/2009;111(2):282-292.
10. **Ref # 69.** Gathinji M, McGirt MJ, Attenello FJ, Chaichana KL, Than K, Olivi A, Weingart JD, Brem H, **Quinones-Hinojosa A.** Association of preoperative depression and survival after resection of malignant brain astrocytoma. *Surg Neurol.* 3/ 2009;71(3):299-303, discussion 303.
11. **Ref # 72.** McGirt MJ, Chaichana KL, Gathinji M, Attenello FJ, Than K, Olivi A, Weingart JD, Brem H, **Quinones-Hinojosa AR.** Independent association of extent of resection with survival in patients with malignant brain astrocytoma. *J Neurosurg.* 1/ 2009;110(1):156-162.
12. **Ref # 73.** McGirt MJ, Mukherjee D, Chaichana KL, Than KD, Weingart JD, **Quinones-Hinojosa A.** Association of surgically acquired motor and language deficits on overall survival after resection of glioblastoma multiforme. *Neurosurgery.* 9/ 2009;65(3):463-469; discussion 469-470.
13. **Ref # 74.** McGirt MJ, Than KD, Weingart JD, Chaichana KL, Attenello FJ, Olivi A, Lattera J, Kleinberg LR, Grossman SA, Brem H, **Quinones-Hinojosa A.** Gliadel (BCNU) wafer plus concomitant temozolomide therapy after primary resection of glioblastoma multiforme. *J Neurosurg.* 3/ 2009;110(3):583-588.
14. **Ref # 75.** Mukherjee D, Kosztowski T, Zaidi HA, Jallo G, Carson BS, Chang DC, **Quinones-Hinojosa A.** Disparities in access to pediatric neurooncological surgery in the United States. *Pediatrics.* 10/ 2009;124(4):e688-696.
15. **Ref # 76.** Mukherjee D, Zaidi HA, Kosztowski T, Chaichana KL, Salvatori R, Chang DC, **Quinones-Hinojosa A.** Predictors of access to pituitary tumor resection in the United States, 1988-2005. *Eur J Endocrinol.* 8/ 2009;161(2):259-265.
16. **Ref # 78.** **Quinones-Hinojosa A,** Chang EF, Chaichana KL, McDermott MW. Surgical considerations in the management of falctentorial meningiomas: advantages of the bilateral occipital transtentorial/transfalcaline craniotomy for large tumors. *Neurosurgery.* 5/ 2009;64(5 Suppl 2):260-268; discussion 268.
17. **Ref # 79.** **Quinones-Hinojosa A,** Kaprelian T, Chaichana KL, Sanai N, Parsa AT, Berger MS, McDermott MW. Pre-operative factors affecting resectability of giant intracranial meningiomas. *Can J Neurol Sci.* 9/2009;36(5):623-630.
18. **Ref # 80.** Rodriguez 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.* 10/ 2009;156(2):340-351.
19. **Ref # 84.** Chaichana K, Parker S, Olivi A, **Quinones-Hinojosa A.** A proposed classification system that projects outcomes based on preoperative variables for adult patients with glioblastoma multiforme. *J Neurosurg.* 5/ 2010;112(5):997-1004.
20. **Ref # 85.** Chaichana KL, Kosztowski T, Niranjan A, Olivi A, Weingart JD, Lattera J, Brem H, **Quinones-Hinojosa A.** Prognostic significance of contrast-enhancing anaplastic astrocytomas in adults. *J Neurosurg.* 8/ 2010;113(2):286-292.
21. **Ref # 86.** Chaichana KL, McGirt MJ, Lattera J, Olivi A, **Quinones-Hinojosa A.** Recurrence and malignant degeneration after resection of adult hemispheric low-grade gliomas. *J Neurosurg.* 1/ 2010;112(1):10-17.
22. **Ref # 87.** 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.* 5/ 2010;32(4):442-448.

23. **Ref # 88.** Chu EA, **Quinones-Hinojosa A**, Boahene KD. Trans-blepharoplasty orbitofrontal craniotomy for repair of lateral and posterior frontal sinus cerebrospinal fluid leak. *Otolaryngol Head Neck Surg.* 6/ 2010;142(6):906-908.
24. **Ref # 89.** Conway JE, Raza SM, Li K, McDermott MW, **Quinones-Hinojosa A**. A surgical modification for performing orbitozygomatic osteotomies: technical note. *Neurosurg Rev.* 10/ 2010;33(4):491-500.*
25. **Ref # 95.** Grossman R, Mukherjee D, Chaichana KL, Salvatori R, Wand G, Brem H, Chang DC, **Quinones-Hinojosa A**. Complications and death among elderly patients undergoing pituitary tumour surgery. *Clin Endocrinol (Oxf).* 9 2010;73(3):361-368.
26. **Ref # 96.** Hales RK, Shokek O, Burger PC, Paynter NP, Chaichana KL, **Quinones-Hinojosa A**, Jallo GI, Cohen KJ, Song DY, Carson BS, Wharam MD. Prognostic factors in pediatric high-grade astrocytoma: the importance of accurate pathologic diagnosis. *J Neurooncol.* 8/ 2010;99(1):65-71.
27. **Ref # 104.** Mukherjee D, Zaidi HA, Kosztowski T, Chaichana KL, Brem H, Chang DC, **Quinones-Hinojosa A**. Disparities in access to neuro-oncologic care in the United States. *Arch Surg.* 3/ 2010;145(3):247-253.
28. **Ref # 105.** Mukherjee D, Zaidi HA, Kosztowski TA, Halthore A, Jallo GI, Salvatori R, Chang DC, **Quinones-Hinojosa A**. Variations in referral patterns for hypophysectomies among pediatric patients with sellar and parasellar tumors. *Childs Nerv Syst.* 3/ 2010;26(3):305-311.
29. **Ref # 106.** Owusu Boahene KD, Lim M, Chu E, **Quinones-Hinojosa A**. Transpalpebral orbitofrontal craniotomy: a minimally invasive approach to anterior cranial vault lesions. *Skull Base.* 7/ 2010;20(4):237-244.
30. **Ref # 114.** Raza SM, Conway JE, Li KW, Attenello F, Boahene K, Subramanian P, **Quinones-Hinojosa A**. A modified frontal-nasal-orbital approach to midline lesions of the anterior cranial fossa and skull base: technical note with case illustrations. *Neurosurg Rev.* 1/ 2010;33(1):63-70.*
31. **Ref # 115.** Raza SM, Garzon-Muvdi T, Boahene K, Olivi A, Gallia G, Lim M, Subramanian P, **Quinones-Hinojosa A**. The supraorbital craniotomy for access to the skull base and intraaxial lesions: a technique in evolution. *Minim Invasive Neurosurg.* 2/ 2010;53(1):1-8.
32. **Ref # 123.** Chaichana KL, Chaichana KK, Olivi A, Weingart JD, Bennett R, Brem H, **Quinones-Hinojosa A**. Surgical outcomes for older patients with glioblastoma multiforme: preoperative factors associated with decreased survival. Clinical article. *J Neurosurg.* 3/ 2011;114(3):587-594.
33. **Ref # 124.** Chaichana KL, Garzon-Muvdi T, Parker S, Weingart JD, Olivi A, Bennett R, Brem H, **Quinones-Hinojosa A**. Supratentorial glioblastoma multiforme: the role of surgical resection versus biopsy among older patients. *Ann Surg Oncol.* 1/ 2011;18(1):239-245.
34. **Ref # 125.** Chaichana KL, Halthore AN, Parker SL, Olivi A, Weingart JD, Brem H, **Quinones-Hinojosa A**. Factors involved in maintaining prolonged functional independence following supratentorial glioblastoma resection. Clinical article. *J Neurosurg.* 3/ 2011;114(3):604-612.
35. **Ref # 129.** Grossman R, Mukherjee D, Chang DC, Bennett R, Brem H, Olivi A, **Quinones-Hinojosa A**. Preoperative charlson comorbidity score predicts postoperative outcomes among older intracranial meningioma patients. *World Neurosurg.* 2/ 2011;75(2):279-285.
36. **Ref # 130.** Grossman R, Mukherjee D, Chang DC, Purtell M, Lim M, Brem H, **Quinones-Hinojosa A**. Predictors of inpatient death and complications among postoperative elderly patients with metastatic brain tumors. *Ann Surg Oncol.* 2/ 2011;18(2):521-528.
37. **Ref # 142.** Raza SM, **Quinones-Hinojosa A**. The extended retrosigmoid approach for neoplastic lesions in the posterior fossa: technique modification. *Neurosurg Rev.* 1/ 2011;34(1):123-129.
38. **Ref # 143.** Raza SM, Recinos PF, Avendano J, Adams H, Jallo GI, **Quinones-Hinojosa A**. Minimally invasive trans-portal resection of deep intracranial lesions. *Minim Invasive Neurosurg.* 2/ 2011;54(1):5-11.

39. **Ref # 144.** Redmond KJ, Achanta P, Grossman SA, Armour M, Reyes J, Kleinberg L, Tryggstad E, **Quinones-Hinojosa A**, Ford EC. A radiotherapy technique to limit dose to neural progenitor cell niches without compromising tumor coverage. *J Neurooncol.* 2/14/2011.

Star denotes cover article

System Innovation and Quality Improvement efforts within JHM:

2007– present Annual Brain Tumor Stem Cell Luncheon event for patients and families and the Pituitary Day Event for patients and families (Funded by unrestricted educational grants). I lead a multidisciplinary and cross-school institutional program and secured external funding in order to educate brain tumor patients and family members at Hopkins and elsewhere about survivorship, and established a newsletter and social media materials to educate patients and providers alike. In addition, I lead an international course on surgical approaches to the skull base (Funded by unrestricted educational grants) in order to train not only senior residents in the United States but also senior residents and junior faculty from other international programs.

System Innovation and Quality Improvement efforts outside of JHM and Program Building/Leadership:

2007 – present American Association of Neurological Surgeons and the Congress of Neurological Surgeons Brain Tumor Committee member since 2007. Yearly panel participant (unfunded effort) for our international meetings in brain tumor resection and outcomes following extent of resection from low grade to high grade gliomas. This Tumor Executive Committee creates and oversees all clinical practice guideline documents related to brain tumors.

Production of guidelines and/or protocols

1. **Ref # 47.** Chang S, Vogelbaum M, Lang FF, Haines S, Kunwar S, Chiocca EA, Olivi A, **Quinones-Hinojosa A**, Parsa A, Warnick R. GNOSIS: guidelines for neuro-oncology: standards for investigational studies--reporting of surgically based therapeutic clinical trials. *J Neurooncol.* 4/ 2007;82(2):211-220.
2. **Ref # 120.** Zlotnick D, Kalkanis SN, **Quinones-Hinojosa A**, Chung K, Linskey ME, Jensen RL, DeMonte F, Barker FG, Racine CA, Berger MS, Black PM, Cusimano M, Sekhar LN, Parsa A, Aghi M, McDermott MW. FACT-MNG: tumor site specific web-based outcome instrument for meningioma patients. *J Neurooncol.* 9/ 2010;99(3):423-431.

System Innovation and Quality Improvement Extramural Funding:

(*Also listed in Current and Previous Grant section)

- *8/6/2011 4th Annual Quinones-Hinojosa Stem Cell luncheon for patients
Project Number:
Sponsor: Eisai
Annual Direct Costs: \$25,000
P.I.: Alfredo Quinones-Hinojosa
Role on Project: Principal Investigator
The funds from this grant will be used for an educational day for patients to update them on current stem cell research and therapies for brain cancer.
- *12/9 – 12/11/2011 5th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”
Project Number:
Sponsor: Stryker

Annual Direct Costs: \$150,000

P.I.: Alfredo Quinones-Hinojosa

Role on Project: Principal Investigator

The funds from this grant will be used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course will consist of didactic sessions as well as cadaveric dissection.

*7/24/2010

3rd Annual Quinones-Hinojosa Stem Cell luncheon for patients

Project Number: 107986

Sponsor: Eisai

Annual Direct Costs: \$7,500

P.I.: Alfredo Quinones-Hinojosa

Role on Project: Principal Investigator

The funds from this grant were used to host an educational day for patients to update them on current stem cell research and thereapies for brain cancer.

*12/3 – 12/4/2010

4th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”

Project Number:

Sponsor: Stryker

Annual Direct Costs: \$75,000

P.I.: Alfredo Quinones-Hinojosa

Role on Project: Principal Investigator

The funds from this grant will be used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.

*12/3 – 12/4/2010

4th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”

Project Number:

Sponsor: Covidien

Annual Direct Costs: \$15,000

P.I.: Alfredo Quinones-Hinojosa

Role on Project: Principal Investigator

The funds from this grant were used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.

* 12/3 – 12/4/2010

4th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”

Project Number:

Sponsor: Baxter

Annual Direct Costs: \$5,000

P.I.: Alfredo Quinones-Hinojosa

Role on Project: Principal Investigator

The funds from this grant were used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.

*12/3 – 12/4/2010

4th Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”

Project Number:

Sponsor: Leica

Annual Direct Costs: \$1,000

P.I.: Alfredo Quinones-Hinojosa

Role on Project: Principal Investigator

The funds from this grant were used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.

*9/25/2010

Pituitary Tumor Center Patient Education Day Project Number:

Sponsor: Ipsen

Annual Direct Costs: \$15,000

P.I.: Alfredo Quinones-Hinojosa and Roberto Salvatori

Role on Project: Co-Principal Investigator

The funds from this grant were used for an educational course for patients on pituitary tumors, treatments and management.

*9/12/2009

3rd Annual Skull Base Course at Vista Lab - “Craniofacial Approaches to the Skull Base: From Open to Endoscopic”

Project Number:

Sponsor: Covidien

Annual Direct Costs: \$12,500

P.I.: Alfredo Quinones-Hinojosa

Role on Project: Principal Investigator

The funds from this grant were used for an educational course on surgical approaches to the skull base for residents from Johns Hopkins as well as other world-renowned institutions. The course consisted of didactic sessions as well as cadaveric dissection.

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

- 2006-2007** **Neurology Directorship Search Committee**
Johns Hopkins Medical Institution, Appointed by Dean Miller
- 2008- 2009** **Committee on Graduate Education**, Johns Hopkins Medical Institution
Appointed by Dean Miller
- 2010-2011** **Kimmel Cancer Center Director Search Committee**, Johns Hopkins Bayview
Appointed by Charles Rudin
- 2011-** **Board of Trustees**, Southern Vermont College
Appointed by Karen Gross, President

Editorial Activities

Editorial Board

- 2004** **Journal of Assessment in Neurosurgery**, Topic Editor, Cerebrovascular Surgery
- 2004-present** **Journal Neurosurgery**
- 2005** **Journal of Neurosurgery: Neurosurgical Focus**, *Topic Editor*, Stem Cells Opportunities in Neurosurgery
- 2007** **Journal of Neurosurgery Clinics of North America**, *Topic Editor*, Stem Cells in Neurosurgery
- 2008-present** **Congress of Neurological Surgeons Quarterly Journal**
- 2008-present** **Annals of Surgical Oncology**

2008-present Neurology India
2009-present Journal of Oncology
2009-present Self-Assessment in Neurological Surgery (SANS)
2009-present World Neurosurgery
2009-present World Journal of Stem Cells (WJSC)
2009-present NeuroImage

Journal Peer Review Activities

2004-present Neurosurgery, *ad hoc reviewer*
2007-present Cancer Research Journal, *ad hoc reviewer,*
2007-present Journal of the National Cancer Institute, *ad hoc reviewer*
2007-present Journal of Neurology, *ad hoc reviewer*
2007-present Journal of Experimental Neurology, *ad hoc reviewer*
2007-present Stem Cells Journal, *ad hoc reviewer*
2007-present Journal of Neurology (India), *ad hoc reviewer*
2007-present Journal of Comparative Neurology, *ad hoc reviewer*
2007-present Journal of Neurosurgical Review, *ad hoc reviewer*
2007-present Journal of Rejuvenation Research, *ad hoc reviewer*
2007-present Journal of Neuro-Oncology, *ad hoc reviewer*
2007-present Rejuvenation Research, *ad hoc reviewer*
2008-present Cancer Letters, *ad hoc reviewer*
2008-present Oncogene, *ad hoc reviewer*
2008-present International Journal of Developmental Neuroscience, *ad hoc reviewer*
2008-present Neurosurgical Review, *ad hoc reviewer*
2008-present Trends in Neuroscience, *ad hoc reviewer*
2009-present American Journal of Pathology, *ad hoc reviewer*
2009-present Biomed Central, *ad hoc reviewer*
2009-present Hippocampus, *ad hoc reviewer*
2009-present Cell Biology International, *ad hoc reviewer*
2009-present Cellular and Molecular Life Sciences, *ad hoc reviewer*
2009-present Cold Spring Harbor Protocols, *ad hoc reviewer*
2009-present IEEE Transactions on Nanobioscience, *ad hoc reviewer*
2010-present Current Signal Transduction Therapy, *ad hoc reviewer*
2010-present Journal of Visualized Experiments (JoVE), *ad hoc reviewer*
2010-present PLoS, *ad hoc reviewer*
2011-present Neuroscience Letters, *ad hoc reviewer*
2011-present Regenerative Medicine, *ad hoc reviewer*
2011-present Molecular Pharmaceutics, *ad hoc reviewer*

Advisory Committees

1993 National Academy of Sciences, Committee on Diversity, meeting at UC Irvine.
1995–1998 Harvard Medical School, Committee on Admissions

2000–2003 UCSF Graduate Medical Education Committee
2003–2004 Resident Representative to the Council of State Neurosurgical Societies
2003–2004 In-Training Liaison, Editorial Board Member: *Neurosurgery*
2002– American Association of Neurological Surgeons Young Neurosurgeons Committee Member
2005– Hispanic Scholarship Fund Mentor
2005– Neuro-Oncology Fellowship Committee
2006– Young Faculty Representative to the Council of State Neurosurgical Societies
2007– 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
2007-2009 Hispanic Scholarship Fund, Board of Directors
2007– Cord Foundation, Scientific Review Board
2008– State of Maryland STEM Task Force
2009– Co-Chair CNS/AANS Tumor Section International Committee
2009-2010 Maryland Board of Trustees for Residential Boarding and Educational Programs
2009– Summer Scholars Program at Hopkins Bayview Advisory Committee

Professional Memberships

1993– Society for Neuroscience
1993– Society for the Advancement of Chicanos and Native Americans in Science
1994– Pfeiffer Fellow, Hinton-Wright Society, Harvard Medical School
1994– National Chicano Health Organization and Latin American Student Association, Harvard Medical School
1996– Massachusetts Medical Society
1996– American Medical Association
1997– Boston Area Neuroscience Group
1997– Association for Ethnic Diversity in the Neurosciences
1998– American Association for the Advancement of Science
1998– Society for Experimental Biology and Medicine
1999– Sigma Xi Scientific Research Society
2001– 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
2006– 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)
2007 – MedChi; The Maryland state Medical Society
2010– The Endocrine Society
2011– The Society of University Surgeons

Conference Organizer, Session Chair

1993–1994 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
1995–1999 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
- 1997–1999 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
- April, 1998 Student Co-chair and Moderator, SommaWeiss Research Symposium, Harvard Medical School
Sponsor: Harvard Medical School.
Role include organization of annual research symposium
- 2006 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
- 2007 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
- 2008 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
- 2009 Director of Johns Hopkins CME Symposium (2nd Annual Brain Tumor Management) at 20 Congreso de Cirugia Neurologica
Sponsor: Johns Hopkins University
Role included development of curriculum for this conference and presentation of data

Consultantships

- 2006— ***Revolution Health Group***
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
- 2010- ***Consultant for Covidien***
Brain Surgery Topic Specialist

Role include review course development and surgical lectures

2011-

Consultant for Stryker

Brain Surgery Topic Specialist

Role include review course development and surgical lectures

RECOGNITION

Awards, Honors

- 1990 San Jose State University Debate Tournament, Second Place in Speaker Points
- 1990–1991 Outstanding Tutor Performance Award, San Joaquin Delta College, Stockton, California
- 1991–1992 Helen Danner Memorial Scholarship, San Joaquin Delta College, Stockton, California
- 1990, 1991 President’s List, Delta College, San Joaquin Delta College, Stockton, California
- 1991–1992 Memorial & Student Association Scholarships, San Joaquin Delta College, Stockton, California
- 1992, 1996 National Hispanic Scholarship Fund Scholarship
- 1991–1994 University of California Berkeley, Scholarship
- 1993 Honor’s Research Scholar; UC Berkeley
- 1991–1993 Honor’s List, UC Berkeley
- 1994 Student Life Achievement Award, UC Berkeley
- 1994–1997 Harvard Medical School Scholarship
- 1996 Featured in Harvard Medical School Dean’s Annual Report
- 1998–1999 Howard Hughes Medical Institute Support towards Completion of Medical Studies
- 1998 Listed in “Who’s Who” in the Field of Science
- 1999 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
- 2002 Congress of Neurological Surgeons Blue Ribbon Award for Poster Presentation
- 2003 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, 55th Annual Meeting San Francisco Neurological Society
- 2003 First Place, Region IX Resident Paper Competition, American College of Surgeons
- 2004 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
(1st author: *Changes in Transcranial Motor Evoked Potentials During Intramedullary Spinal Cord Tumor Resection Predict Severity of Postoperative Motor Deficits*)
- 2004 AANS Journal of Neurooncology Award, American Association of Neurological Surgeons
(2nd author: *Frame-Based Stereotactic Biopsy Remains an Important Diagnostic Tool with Distinct Advantages over Frameless Stereotactic Biopsy*)
- 2005 Edwin Boldrey Science Award, 57th Annual Meeting San Francisco Neurological Society
- 2006 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
- 2007 NIH Loan Repayment Program
- 2007 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.
- 2008 NIH Loan Repayment Program
- 2008 University of California Davis Distinguished Dean's Lecture
- 2008 AANS Bittner Award, American Association of Neurological Surgeons
(Senior author: *Extent of surgical resection is independently associated with survival in patients with high and low-grade astrocytoma*)
- 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 AANS 2008 Public Service Citation for outstanding work with medical students and neurosurgical residents
- 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 Honorary Professor at the University of the Americas, Quito, Ecuador
- 2008 America's Role Model Award, Olender Foundation
- 2009 NIH Loan Repayment Program
- 2009 JHU White Coat Ceremony speech
- 2009 California Community College Distinguished Alumni Award
- 2009 Invited Distinguished Speaker at University of Texas, Pan-American
Opening Speech of the 2nd Multidisciplinary Course on Diagnosis and Treatment of Malignant Gliomas in Lisbon, Portugal
- 2009 Invited Speaker to Texas Association of School Administrators
- 2010 NIH Loan Repayment Program
- 2010 Aetna Hispanic Heritage calendar
- 2010 Invited Speaker to HHMI DC/Baltimore Area Network Event
Keynote address at 10th biennial Biomed Science Careers Student Conference, Harvard Medical School
- 2010 Keynote address at Neuroscience Research Forum sponsored by the Vermont chapter for the Society for Neuroscience
- 2010 Healthcare Heroes finalist
- 2010 Invited Speaker for Baltimore Women's Forum
- 2010 American Association of Community Colleges Outstanding Alumni Award

- 2010 Ruth L. Kirschstein National Research Service Award Distinguished speaker
2010 National Institutes of Health Clinical Loan Repayment Program (LRP) funded by National
2010 Institute of Neurological Disorders and Stroke (NINDS)
Keynote address to La Joya School District at Welcome Back Assembly
Stevenson University Convocation Speech
- 2010 Nifty Fifty scientist at USA Science & Engineering Festival
- 2011 Invited keynote speaker for Success for All Foundation Annual Convention
- 2011 Martinez and Townsel Endowed Lecture at the Marine Biological Laboratory
- 2011 MBL Friday Night Lecture at the Marine Biological Laboratory
- 2011 Honorary Doctor of Humane Letters at Southern Vermont College
- 2011 Commencement address at Southern Vermont College's 84th Commencement ceremony
- 2011 Named in Baltimore Magazine's "Top Docs"
- 2011 Honorary Speaker at Soros Foundation, "Mexicali to Hopkins: A Neurosurgeon's Journey"
- 2011 Honorary Speaker at the Commonwealth Club of California, "Becoming Dr. Q: My Journey from Migrant Farm Worker to Brain Surgeon"
- 2011 Honorary Speaker at Rhoda Goldman Distinguished Lecture in Health Policy - "Beyond the Borders of the Mind: My Journey as an Immigrant"
- 2011 Keynote speaker at GE Hispanic Forum Summit, "Beyond the Borders of the Mind: My Journey as an Immigrant"
- 2011 Invited Panelist for ImmigrationWorks-New America, "Changing the conversation about Immigration: The Workforce of Tomorrow"
- 2011 Honorary Speaker at California State Polytechnic University, "'Beyond the Borders of the Mind: My Journey as an Immigrant"
- 2012 Commencement address at Lackawanna College

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

Local

1. **Quiñones-Hinojosa A.** "The Human SVZ: From Stars to Stem Cells." Brain Tumor Research Seminar Series, Johns Hopkins University, Oct 10, 2005.
2. **Quiñones-Hinojosa A.** "Brain Surgery: Nuances and Pearls" Johns Hopkins Medical School Neuroscience Interest Group Invited Speaker, Jan 2006.
3. **Quiñones-Hinojosa A.** "Introduction of our Brain Tumor Program at Johns Hopkins Bayview Hospital" Johns Hopkins Odenton Practice March 20 2006.
4. **Quiñones-Hinojosa A.** "Brain Tumors: Current Management Strategies". Upper Chesapeake Internal Medicine Practice Grand Rounds, April 19, 2006.
5. **Quiñones-Hinojosa A.** "Introduction of our Brain Tumor Program at Johns Hopkins Bayview Hospital" Johns Hopkins Wyman Park Practice May 9, 2006.
6. **Quiñones-Hinojosa A.** "Introduction of our Brain Tumor Program at Johns Hopkins Bayview Hospital" Johns Hopkins East Baltimore Practice May 18, 2006.
7. **Quiñones-Hinojosa A.** "Brain Surgery and the Physician Scientist" Johns Hopkins Medical School Neuroscience Interest Group Invited Speaker, September 11, 2006.
8. **Quiñones-Hinojosa A.** "Modeling Normal and Malignant Stem Cells" Research Matters 2006: A Conference on the Statewide Academic Health Centers' Cancer Initiatives. Baltimore, MD Nov 16, 2006.
9. **Quiñones-Hinojosa A.** "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.
10. **Quiñones-Hinojosa A.** "Johns Hopkins Stem Cell Course for Graduate and Medical Students: Adult CNS Neural Stem Cells" Feb 15, 2007.
11. **Quiñones-Hinojosa A.** "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.

12. **Quiñones-Hinojosa A** "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.
 13. **Quiñones-Hinojosa A** "Neural Stem Cells" JHMI Neuroscience Course, Baltimore, MD, March 7, 2007.
 14. **Quiñones-Hinojosa A** "Brain Surgery: Speech and Motor Mapping of Eloquent Brain Cortex Intraoperatively" JHMI Neuroscience Course, Baltimore, MD, March 22, 2007.
 15. **Quiñones-Hinojosa A** "Brain Surgery: Speech and Motor Mapping of Eloquent Brain Cortex Intraoperatively" JHMI Neuroscience Course, Baltimore, MD, March 22, 2007.
 16. **Quiñones-Hinojosa A** "Brain Tumors: Current Treatments" Johns Hopkins Neurosurgery Residents Lecture, Baltimore, MD, March 22, 2007.
 17. **Quiñones-Hinojosa A.** 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.
 18. **Quiñones-Hinojosa A.** "Malignant Brain Tumors: Etiology and Management" Johns Hopkins Bayview Medical Center, Medicine Grand Rounds. Johns Hopkins University April 24, 2007. **(CME CREDIT)**
 19. **Quiñones-Hinojosa A.** "Pediatric Neural and Cancer Stem Cells" Children’s Cancer Foundation Speaker. May 10 2007.
 20. **Quiñones-Hinojosa A.** "Human Neural and Cancer Stem Cells" Hopkins Neurology and Neurosurgery Biennial Meeting Speaker. June 1 2007.
 21. **Quiñones-Hinojosa A.** "Human Neural and Cancer Stem Cells" FDA, Rockville, Maryland, Sept 26 2007.
 22. **Quiñones-Hinojosa A.** Latino Heritage Month Talk at School of Public Health, Johns Hopkins Hospital, “Terra Firma: A Journey from Migrant Farm Labor to Neurosurgery” October 2008.
 23. **Quiñones-Hinojosa A,** HACU Annual Conference, Denver CO, Oct 2008.
 24. **Quiñones-Hinojosa A,** HHMI Keynote Speaker, Baltimore, MD November 2008.
 25. **Quiñones-Hinojosa A,** The Maimonides Society, Doctors Brunch, Pikesville, MD March 2, 2008.
 26. **Quiñones-Hinojosa A.** “Stem Cells in the Human Brain”, Harbor Hospital Grand Rounds, Baltimore, MD March 10, 2008.
 27. **Quiñones-Hinojosa A.** “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_grand_rounds_2009_february.html
 28. **Quiñones-Hinojosa A.** Keynote Speaker, Johns Hopkins University Class of 2012, March 2009.
 29. **Quiñones-Hinojosa A.** “Pituitary Surgery – From Past to Present”, Johns Hopkins Hospital Grand Rounds, September 17, 2009.
 30. **Quiñones-Hinojosa A.** “Pituitary Tumors”, Johns Hopkins Hospital Grand Rounds, February 4, 2010.
 31. **Quiñones-Hinojosa A.** “Modern Surgical Management of Pituitary Tumors”, Johns Hopkins Hospital Endocrine Grand Rounds, April 7, 2010.
 32. **Quiñones-Hinojosa A.** “The Molecular and Functional Brain Imaging Seminar Series”, CRB II-David Koch Cancer Research Building, April 21, 2010.
 33. **Quiñones-Hinojosa A.** Invited abstract reviewer, *Tumor section*, 78th Annual Meeting of the American Association of Neurological Surgeons, May 2010.
 34. **Quiñones-Hinojosa A.** “Invasion, Radiation, and Ion Transportation: Effects on Stem Cell Migration”, Johns Hopkins Hospital Neurosurgery Grand Rounds, August 5, 2010.
- National**
35. **Quiñones-Hinojosa A & Kravitz E. A..** “Cloning the Ecdysone-Receptor Protein Binding Gene in the *Homarus americanus*”. Harvard Medical School Pre-Matriculation Summer Program Research Forum. August, '94
 36. **Quiñones-Hinojosa A & Kravitz E. A..** "Cloning the Ecdysone-Steroid Receptor Gene from the American Lobster, *Homarus americanus*. Grass Fellows Lectures in Woods Hole Marine Biology Laboratories. March, 1995.
 37. **Quiñones-Hinojosa A & Kravitz E. A..** "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.

38. **Quiñones-Hinojosa A**, Ogilvy C. S. & Maynard K. I.. “Protecting Against Stroke”. Harvard Medical School Pre-Matriculation Summer Research Program. August, 1997.
39. **Quiñones-Hinojosa A**, Ogilvy C. S. & Maynard K. I.. “An *in vitro* model of Neuronal Ischemia”. Hinton-Wright Biomedical Research Society, Harvard Medical School. February, 1998.
40. **Quiñones-Hinojosa A**, Misdraji J., Batchelor T & Chiocca E. A.. “Lymphomas in the Peripheral Nerve” Neurosurgery Grand Rounds, Mass General Hospital/Harvard Medical School. April 2, 1998.
41. Maynard K. I., **Quiñones-Hinojosa A.**, & Ogilvy C. S.. “Neuroprotection Against Neuronal Ischemia through Metabolic Suppression”. Neurosurgery Grand Rounds, Mass General Hospital/Harvard Medical School. April 23, 1998.
42. **Quiñones-Hinojosa A.** “Neuroprotection from Ischemia by Reducing the Energy Imbalance Using the *in vitro* Rabbit Retina”. Howard Hughes Medical Institute Research Symposium. May 12, 1998.
43. **Quiñones-Hinojosa A** & Maynard K. I.. "Protection against neuronal ischemia by metabolic inhibition". Neurosurgery Grand Rounds, Brigham and Women’s Hospital/Harvard Medical School. Jan 6, 1999.
44. **Quiñones-Hinojosa A**, Ogilvy CS, & Maynard KI. “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.
45. **Quiñones-Hinojosa A**, Jun P, Manley GT, Gupta N. “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.
46. Lawton MT, **Quiñones-Hinojosa A.** “Neuromonitoring During Cerebrovascular Surgery.” Presented at the Congress of Neurological Surgeons, Denver, CO, Oct 2003
47. **Quiñones-Hinojosa A.** “Current Advancement: The Human Brain and Stem Cells” Presented at Grand Rounds Rochester University Neurosurgery Department, Nov 2004
48. **Quiñones-Hinojosa A.** “The Stem Cell Niche in the Human Brain” Presented at Grand Rounds University of Miami Neurosurgery Department, Jan 2005
49. **Quiñones-Hinojosa A.** “100 Years Later: Current Understanding of Human Stem Cells” Presented at Grand Rounds Mayo Clinic Neurosurgery Department, Rochester, MN Jan 2005
50. **Quiñones-Hinojosa A.** “Current Understanding of Human Stem Cells” Presented at Grand Rounds University of Colorado Neurosurgery Department, Denver, CO Jan 2005
51. **Quiñones-Hinojosa A.** “100 Years Later: From Stars to Stem Cells” Presented at Grand Rounds Oregon Health Sciences University, Neurosurgery Department, Portland, Oregon Feb 2005
52. **Quiñones-Hinojosa A.** “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
53. **Quiñones-Hinojosa A.** 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.
54. **Quiñones-Hinojosa A.** 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
55. **Quiñones-Hinojosa A.** “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
56. **Quiñones-Hinojosa A.** “In Search of Cancer Stem Cells in Brain Tumors " Summer Program in Neuroscience, Ethics & Survival, Marine Biological Laboratory, Woods Hole, MA July 8, 2006
57. **Quiñones-Hinojosa A.** "Glioblastoma Multiforme: Isolation and Characterization of Cancer Stem Cells" HHMI Early Investigators Symposium. May 8 2007
58. **Quiñones-Hinojosa A.** “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
59. **Quiñones-Hinojosa A.** “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

60. **Quiñones-Hinojosa A.** 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
61. **Quiñones-Hinojosa A.** 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
62. **Quiñones-Hinojosa A.** Visting Professor, University of Utah, Salt Lake City, UT, March 11-12, 2008
63. **Quiñones-Hinojosa A.** "Human Neural Stem Cells: Current Evidence", AANS, Chicago, April 2008
64. **Quiñones-Hinojosa A.** 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"
65. **Quiñones-Hinojosa A.** FDA, Hispanic Heritage Celebration, College Park, MD Sept 2008
66. **Quiñones-Hinojosa A.** 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"
67. **Quiñones-Hinojosa A.** 2008 Pfeiffer Fall Quarter Visiting Professor at Stanford University, Nov, 2008 <http://med.stanford.edu/medcast/2008/imagination.html>
68. **Quiñones-Hinojosa A.** Guest speaker at the 16th Annual Tumors of the Central Nervous System in Boston. Dec 2008.
69. **Quiñones-Hinojosa A.** Visiting Professor at Allegheny General Hospital, Pittsburg, PA, Jan 2009
70. **Quiñones-Hinojosa A.** "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>
71. **Quiñones-Hinojosa A.** "Worsening Racial Disparities in Access to Sellar and Parasellar Tumor Resection, 1988-2005". Annual Meeting of World Federation Neurological Surgeons, Boston 2009.
72. **Quiñones-Hinojosa A.** "Long-Term Seizure Outcomes in Adult Patients Undergoing Primary Resection of Malignant Brain Astrocytomas". Annual Meeting of World Federation Neurological Surgeons, Boston 2009.
73. **Quiñones-Hinojosa A.** "Disparities in Access to Neuro-Oncological Care Over Two Decades: Are We Worse Off Than Before?". Annual Meeting of World Federation Neurological Surgeons, Boston 2009.
74. **Quiñones-Hinojosa A.** "Cell-Based Therapy", 8th Annual International Neuro-Oncology Conference, Columbus, OH 2009.
75. **Quiñones-Hinojosa A.** "Disparities in Referral to Neuro-Oncological Surgery in the United States", CNS Top Ten Abstracts -Council of State Neurosurgical Societies, Congress of Neurological Surgeons 2009 Annual Meeting, New Orleans, LA 2009.
76. **Quiñones-Hinojosa A.** "Is There a Gender Difference in Mortality Risk Among Traumatic Brain Injury Patients?", CNS Top Ten Abstracts - Section on Neurotrauma & Critical Care, Congress of Neurological Surgeons 2009 Annual Meeting, New Orleans, LA 2009.
77. **Quiñones-Hinojosa A.** "Brain Cancer from Origin to Treatment", A Tribute to Ruth L. Kirschstein, M.D.: Inspiring the Best in Others, Bethesda, MD 2010.
78. **Quiñones-Hinojosa A.** "Human Brain Lab", SPINES 2010. Woodshole, MA 2010.
79. **Quiñones-Hinojosa A.** "Tracking Stem Cells in Brain Tumor Research: Challenges and Future Prospects", 8th Annual World Congress of IBMISPS on Brain, Spinal Cord Mapping and Image Guided Therapy. San Francisco, CA. June 10, 2011.
80. **Quiñones-Hinojosa A.** "Human Brain Lab", SPINES 2011. Woodshole, MA 2011.

International

81. **Quiñones-Hinojosa A.** "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
82. **Quiñones-Hinojosa A.** "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

83. **Quiñones-Hinojosa A.** “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
84. **Quiñones-Hinojosa A.** “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
85. **Quiñones-Hinojosa A.** “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
86. **Quiñones-Hinojosa A.** “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
87. **Quiñones-Hinojosa A.** “Intraoperative Neuromonitoring and Neuronavigation for the Management of Brain Tumors” Brain Lab Academy Meeting, Munich, Germany, March 26, 2007
88. **Quiñones-Hinojosa A.** “Brain Cancer and Stem Cells: Current Understanding” Brain Lab Academy Meeting, Munich, Germany, March 26, 2007
89. **Quiñones-Hinojosa A.** “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
90. **Quiñones-Hinojosa A.** “Isolation and Differentiation of Human Neural and Cancer Stem Cells” Spain, European Association of Neurological Surgery, June 15-16
91. **Quiñones-Hinojosa A.** “Human Cancer Stem Cells: What do we Know” Italy, Updates in Neurooncology, June 28-30 (Invited Speaker and Section Director with Francesco DiMeco)
92. **Quiñones-Hinojosa A.** “Brain Cancer Stem Cells: Current Management and Etiology of Glioblastoma Multiforme” Course Director Mexico/Guadalajara, July 12-13 2007
93. **Quiñones-Hinojosa A.** “Management of low grade gliomas” Invited Speaker, Quito Ecuador, Nov 13-16, 2007 Neuroscience Conference.
94. **Quiñones-Hinojosa A.** “Management of high grade malignant gliomas” Invited Speaker, Quito Ecuador, Nov 13-16, 2007 Neuroscience Conference.
95. **Quiñones-Hinojosa A.** “Nuevos Paradigmas en Gliomas Cerebrales”, XX International Neurological Surgery Congress, Cancun Mexico, July 2009.
96. **Quiñones-Hinojosa A.** “Estado Actual en Transplante de Celulas Madre”, XX International Neurological Surgery Congress, Cancun Mexico, July 2009.
97. **Quiñones-Hinojosa A.** “Multidisciplinary Approaches to Brain Cancer”, Conferences on Advances in Oncologic Neurosurgery, Madrid, Spain, March 2010.
98. **Quiñones-Hinojosa A.** “Estereotactica Biopsy vs. microsurgery on gliomas”, 3rd International Congress of Minimally Invasive Neurosurgery, Guadalajara Jalisco, Mexico, April 2010.
99. **Quiñones-Hinojosa A.** “Current State of Stem Cell Transplantation in CNS”, 3rd International Congress of Minimally Invasive Neurosurgery, Guadalajara Jalisco, Mexico, April 2010.
100. **Quiñones-Hinojosa A.** “Current State and Etiology of Glioblastoma”, 3rd International Congress of Minimally Invasive Neurosurgery, Guadalajara Jalisco, Mexico, April 2010.
101. **Quiñones-Hinojosa A.** “Low grade gliomas: a multidisciplinary approach” National Meeting of the Portuguese Society of Neurosurgery. Coimbra, Portugal, 19th to 21st May 2011.
102. **Quiñones-Hinojosa A.** “High grade gliomas: from etiology to treatment” National Meeting of the Portuguese Society of Neurosurgery. Coimbra, Portugal, 19th to 21st May 2011.
103. **Quiñones-Hinojosa A.** “Hacia un manejo integral del paciente con Gliadel®”, Promesas e Innovadores en Neurocirugía, 26 de mayo de 2011 a las 15:30 h. Hotel Meliá Castilla. Sala Doblón. Madrid
104. **Quiñones-Hinojosa A.** “Gliomas: from etiology to treatment”, Reunión conjunta del XVI Congreso Nacional de la Sociedad Española de Neurocirugía (SENEC) y el Congress of Neurological Surgeons (CNS), Madrid, Spain May 26th 2011.
105. **Quiñones-Hinojosa A.** “The role of extent of resection in high grade gliomas”, Reunión conjunta del XVI Congreso Nacional de la Sociedad Española de Neurocirugía (SENEC) y el Congress of Neurological Surgeons (CNS), Madrid, Spain May 26th 2011.

106. **Quinones-Hinojosa A.** “Recent advances in brain tumor management: intracerebral delivery from mesenchymal stem cells to nanoparticles” International Symposium on Clinical and Basic Investigation in Glioblastoma, June 23-25, 2011, Valencia, Spain.
107. **Quinones-Hinojosa A.** “Cell Migration in the Human Brain: From Fetal Development to Glioma Invasion”. Grand Rounds, Cleveland Clinic, August 11, 2011.
108. **Quinones-Hinojosa A.** "Regulation Of Brain Tumor Dispersal By NKCC1". 10th Anniversary International Neuro-Oncology Update, Vanderbilt University, September 16, 2011.

Invited and Published Scientific Platform Presentations

1. **A Quiñones-Hinojosa**, B.E. Derrick, E.J. Barea-Rodriguez, P.H. Janak & J.L. Martinez, Jr. “Long-Term Potentiation in the Nucleus accubens *in vivo*”. Soc. Adv. Chicanos & Native Amer. Sci., 1994.
2. **A Quiñones-Hinojosa** & E. A. Kravitz. "Cloning the Ecdysone-Steroid Receptor Gene from the American Lobster, *Homarus americanus*". Soc. Adv. Chicanos & Native Americans in Sci. 1995.
3. G. Tang, **A. Quiñones-Hinojosa**, & G. Harsh IV. “Spinal Cord Concussion: Clinical Presentation, Radiographic Features and Long-term outcome”. Annual Joint Section Meeting of of Spine and Peripheral Nerves, AANS/CNS Rancho Mirage, CA, Feb 11, 1998.
4. S. P. Leon, T.M. Moriarty, A. Zamani, F. Jolez, C. H. Martin, **A. Quiñones-Hinojosa**, & E. J. Woodard. “Preliminary Experience with Intraoperative MRI in Spinal Surgery”. Annual Joint Section Meeting of Spine and Peripheral Nerves, AANS/CNS Rancho Mirage, CA, Feb 11, 1998.
5. **A Quiñones-Hinojosa**, C.S. Ogilvy & K.I. Maynard. Neuroprotection from Ischemia by Reducing the Energy Imbalance Using the *In vitro* Rabbit Retina: A Tribute to Adelbert Ames III, Charles Anthony Pappas Professor of Neuroscience, Emeritus. Presented at the Harvard Medical School/Somma Weiss Research Symposium Day. April 24, 1998.
6. MC Scheuller, **A Quiñones-Hinojosa**, JL Hegarty, MT Lawton, RK Jackler. “Pontine Cavernous Malformations: Translabyrinthine Approach”. Presented at the National Academy Meeting of Otolaryngology—Head and Neck Surgery. OTO/HNS Journal August 2000. P244.
7. **A Quiñones-Hinojosa**, N Sanai, PK Sneed, DA Larson, WM Wara, LH Pitts, MW McDermott. “The Incidence of Facial Nerve Weakness Followin Gamma Knife Radiosurgery for Acoustic Neuromas in Patients Over 60 Years Old”. Oral presentation at the 9th International Facial Nerve Symposium. San Francisco, CA, July 29- August 1, 2001. P 46.
8. **A Quiñones-Hinojosa**, D Morabito, M Rollins, MC Holland, GT Manley. “In Vitro Comparison of Two Different Brain Tissue Oxygen Monitos”. Presented at the 19th Annual National Neurotrauma Symposium Nov 9-10, San Diego, CA. *J of Neurotrauma* 18(10) 1137, 2001.
9. **A Quiñones-Hinojosa**, R Lyon, M Gulati, C Yingling, N Gupta. “Spinal Cord Mapping as an Adjunct for Resection of Intramedullary Spinal Cord Tumors”. AANS/CNS Section on Pediatric Neurological Surgery. Oral Presentation, New York, NY, Dec 2001.
10. **A Quiñones-Hinojosa**, N Sanai, J Malek, MT Lawton. “Combined Microsurgical and Endovascular Management of Intracranial Aneurysms”. Joint Annual Meeting of the AANS/CNS Section on Cerebrovascular Surgery & American Society of Interventional and Therapeutic Neuroradiology. Oral Presentaion. Dallas Texas, Feb 2002. *J Neurosurg* 2002; 96(1):168A-169A.
11. C Gadkary, G Zada, **A. Quiñones-Hinojosa**. “Meta-analysis of Hypothermia Therapy for Traumatic Brain Injury” 2002 Annual Meeting of the Southern Neurosurgical Society, Savannah, Georgia, March 2002.
12. **A Quiñones-Hinojosa**, P Jun, GT Manley, N Gupta. “Report on Childhood Injuries Associated with Automobile Airbag Deployment.” Oral Presentation, CNS 2003, Denver, CO. *Neurosurgery*, 53(2) 498-499; 2003.
13. **A Quiñones-Hinojosa**, J A Walker, M S Berger. “Intraoperative speech mapping in 17 bilingual patients undergoing tumor resection.” Oral Presentation, CNS 2003, Denver, CO. *Neurosurgery*, 53(2) 508; 2003.
14. **A. Quiñones-Hinojosa**, R Lyon, MT Lawton. “Transcranial Motor Evoked Potentials During Basilar Aneurysm Surgery: Technique Application in 30 Consecutive Patients.” AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, Oral Presentation, February 1- 4, 2004, San Diego CA. *J Neurosurg* 100 (1): A185-A185 JAN 2004.
15. **A Quiñones-Hinojosa**, R Lyon, G Zada, KR Lamborn , N Gupta, MW McDermott, PR Weinstein. “Changes in Transcranial Motor Evoked Potentials During Intramedullary Spinal Cord Tumor Resection

- Predict Severity of Postoperative Motor Deficits.” AANS, Oral Presentation, May 1-6, 2004, Orlando, FL. **J NEUROSURG** 100 (4): 771-772 APR 2004.
16. 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.” AANS, Oral Presentation, May 1-6, 2004, Orlando, FL; **J NEUROSURG** 100 (4): 770-770 APR 2004.
 17. N. Sanai, AD Tramontin, **A Quiñones-Hinojosa**, N M. Barbaro, N Gupta, S. Kunwar, M T. Lawton, M W. McDermott, A T Parsa, J M-Garcia-Verdugo, M S. Berger, A Alvarez-Buylla. “Unique Periventricular Niche in Adult Human Brain Contains Astrocytic Stem Cells but No Evidence of Chain Migration” CNS Meeting, Oral Presentation, Oct 2004. **NEUROSURGERY** 55 (2): 484-484 792 AUG 2004.
 18. **A Quiñones-Hinojosa**, EF Chang, MT Lawton. “Thrombotic Intracranial Aneurysms: Classification Scheme and Management Strategies in 68 Patients”, CNS Meeting, Oral Presentation, Oct 2004. **NEUROSURGERY** 55 (2): 475-476 769 AUG 2004.
 19. N Sanai, **A Quiñones-Hinojosa**, N Gupta, V Perry, CB Wilson, M T Lawton. “Pediatric Intracranial Aneurysms: The University of California San Francisco Experience for the Past 24 years. AANS/CNS Pediatric Section Meeting, Oral Presentation, Dec 2004.
 20. Auguste K, **Quinones-Hinojosa A**, Lyon R, Sun PP, Perry VL, Gupta N. “Use of intraoperative transcranial motor evoked potentials to predict outcome after resection of pediatric intramedullary spinal cord tumors” **NEUROSURGERY** 57 (2): 436-436 918 AUG 2005.
 21. **Quinones-Hinojosa A**, Sanai N, Gonzalez-Perez O, Garcia-Verdugo JM, Berger MS, Alvarez-Buylla A “Cellular composition and cytoarchitecture of the adult human subventricular zone: A niche of stem cells”. **NEUROSURGERY** 57 (2): 427-427 892 AUG 2005.
 22. **Alfredo Quinones-Hinojosa**, “Mouse Adipose-Derived Mesenchymal Stem Cells Migrate Toward Intracranial Gliomas and Inhibit Tumor Growth” (World Stem Cell Summit, Baltimore, MD 2009).
 23. Ford E, Achanta P, Kleinberg L, Reyes J, Armour E, **Quinones-Hinojosa A.**, “Neural Progenitor Cells in the Adult Brain: Ablation with Localized Radiation”, Radiation Research Society, 2009.
 24. Pendleton C, Zaidi H, Pradilla G, Cohen-Gadol AA, **Quiñones-Hinojosa A.** Dr. Harvey Cushing’s Radical Attempt at Human Pituitary Transplantation. Poster. 11th International Pituitary Congress, Washington, D.C. 2009. [*Award: Travel Award]
 25. Pendleton C, Zaidi H, Raza S., Chaichana K, Carson B, Cohen-Gadol A; **Quinones-Hinojosa A.** “Harvey Cushing’s Contributions to Mapping the Motor and Sensory Cortex 1896-1912”, 2009. (AANS Podium Presentation, Philadelphia, PA, 2010).
 26. Pendleton C, Zaidi H, Sperle K, Cohen-Gadol A, **Quinones-Hinojosa A.** “Dr. Harvey Cushing’s Early Experience with Pituitary Disorders at Johns Hopkins Hospital, 1896-1912”, 2009. (*AANS 1st Place AANS History Section , *Journal of Neurosurgery*, Philadelphia, PA, 2010).
 27. Kim T, Momin E, Choi J, Zaidi H, Park M, Reipa V, **Quinones-Hinojosa A**, Hyeon T, Bulte J, Gilad A. Hollow Structured Mesoporous Silica Coated MnO Nanoparticles as Highly Efficient T1 Contrast Agents and Their Applications in MR tracking of Transplanted Mesenchymal Stem Cells. (ISMRM-ESMRMB Joint Annual Meeting, Stockholm, Sweden, 5.3.2010).
 28. Mukherjee D., Grossman R., Chaichana K., Chang D., Salvatori R., Brem H., **Quinones-Hinojosa A.** “Post-Operative Outcomes Among Elderly Patients with Pituitary Tumors”.(AANS Oral Presentation, Philadelphia, PA, May 4, 2010).
 29. Shah SR, Mohyeldin A, Adams H, Garzon-Muvdi T, Aprhys C, **Quinones-Hinojosa A.** “Aberrations in Hippo Signaling in GBMs - a possible connection to mesenchymal phenotype”. (Society for Neuro-Oncology Plenary Presentation Top Scoring, Montreal, Canada, November 18-21, 2010).
 30. **Quinones-Hinojosa A.** “Evidence favoring radical resection of gliomas”. (Society for Neuro-Oncology Sunrise Presentation, Montreal, Canada, November 18-21, 2010).
 31. Auvergne RM, Sim FJ, Wang S, Chandler-Militello D, Burch J, Li X, Bennet A, Mohile N, Pilcher W, Walter K, Johnson M, Achanta P, **Quinones-Hinojosa A**, Natesan S, Goldman SA. “Transcriptional distinctions between A2B5-defined human glial progenitor cells and those derived from glial tumors at all stages of gliomagenesis”. (Society for Neuro-Oncology Plenary Presentation, Montreal, Canada, November 18-21, 2010).

32. Adams H, Avendaño J, Raza SM, Olivi A, **Quinones-Hinojosa A**. “Extent of Resection in Lobar Glioblastoma Multiforme: A United States National Database Analysis of 10 Years.” (Society for Neuro-Oncology Concurrent Presentation, Montreal, Canada, November 18-21, 2010).
33. Raza S, Boahene K, **Quinones-Hinojosa A**. “Combined Transorbital-Endonasal Approach to the Anterior Skull Base”. (21st Annual North American Skull Base Society Meeting Oral Presentation, Scottsdale, Arizona, February 18-20, 2011). Skull Base: An Interdisciplinary Approach. Eds: Gleeson M and Kraus D. 21st Annual Meeting, North American Skull Base Society Presentation Abstracts. Volume 21, March 2011.
34. Raza S, Pradilla G, **Quinones-Hinojosa A**, Boahene K. “Transconjunctival Approach to the Anterior Skull Base”. (21st Annual North American Skull Base Society Meeting Oral Presentation, Scottsdale, Arizona, February 18-20, 2011). Skull Base: An Interdisciplinary Approach. Eds: Gleeson M and Kraus D. 21st Annual Meeting, North American Skull Base Society Presentation Abstracts. Volume 21, March 2011.
35. Raza S, Boahene K, **Quinones-Hinojosa A**. “Avoiding Facial Incisions: Combined Transcranial - Transfacial Approaches to the Skull Base”. (21st Annual North American Skull Base Society Meeting Oral Presentation, Scottsdale, Arizona, February 18-20, 2011). Skull Base: An Interdisciplinary Approach. Eds: Gleeson M and Kraus D. 21st Annual Meeting, North American Skull Base Society Presentation Abstracts. Volume 21, March 2011.
36. Melvin T, **Quinones-Hinojosa A**, Lim M, Stewart C, Boahene K. “Endoscopic harvest and Transposition of Vascularized Pericranial Flap for Minimal Access Open and Endoscopic Skull Base Repair: Technical Notes and Case Illustration”. (21st Annual North American Skull Base Society Meeting Oral Presentation, Scottsdale, Arizona, February 18-20, 2011). Skull Base: An Interdisciplinary Approach. Eds: Gleeson M and Kraus D. 21st Annual Meeting, North American Skull Base Society Presentation Abstracts. Volume 21, March 2011.
37. Pendleton C, Raza S. **Quinones-Hinojosa A**. “Overlooked Contributions to Skull Base Surgery: Harvey Cushing’s Experience at the Johns Hopkins Hospital, 1896 to 1912”. (21st Annual North American Skull Base Society Meeting Oral Presentation, Scottsdale, Arizona, February 18-20, 2011). Skull Base: An Interdisciplinary Approach. Eds: Gleeson M and Kraus D. 21st Annual Meeting, North American Skull Base Society Presentation Abstracts. Volume 21, March 2011.
38. Mohyeldin A, Shah S, Hsu W, Wolinsky JP, Gokaslan Z, **Quinones-Hinojosa A**. “From Chordomas to Gliomas: putting the brakes on Brachyury”. (21st Annual North American Skull Base Society Meeting Oral Presentation, Scottsdale, Arizona, February 18-20, 2011). Skull Base: An Interdisciplinary Approach. Eds: Gleeson M and Kraus D. 21st Annual Meeting, North American Skull Base Society Presentation Abstracts. Volume 21, March 2011.
39. Mehta V, Wijesekera O, Pendleton C, **Quiñones-Hinojosa A**, Jallo, GI, Ahn, ES. Harvey Cushing and
40. Tzeng, S.T., **Quiñones-Hinojosa, A.**, Green, J.J. “Non-Viral Gene Therapy for Glioblastoma Multiforme”. Society for Biomaterials Annual Meeting 2011. Orlando, FL. April 13, 2011.
41. Pendleton C, Mathioudakis N, **Quiñones-Hinojosa**. “Early Medical Treatment of Pituitary Lesions” Hot Topic for oral presentation. 12th International Pituitary Congress. Boston, MA. June 2, 2011
42. Chen L, Guerrero-Cazares, Noiman L, Smith C, Beltran N, Levchenko A, **Quinones-Hinojosa A**. “Controlling the migration of GBM cells: lessons from neurogenic niches”. Abstract oral presentation. The Society for NeuroOncology 16th annual meeting. Orange County, CA. November 18, 2011.
43. Noiman L, Guerrero-Cazares H, Chen L, Smith C, Beltran N, Levchenko A, Quinones-Hinojosa A. “Effects of slit proteins on human-derived fetal neural progenitor cells”. Poster presentation. Society for Neuroscience Annual Meeting. Washington, DC. November 15, 2011.

Invited Panels and Workshops:

2007-2011 NIH International Workshop on Chordoma Treatment
2012 NIH CNBT Study Session, February 16-17, 2012

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. “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 Antonia, 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.

2008

56. Johns Hopkins University, Applied Physics Laboratory Hispanic Heritage Month, Keynote Speaker, April 2008
57. Maryland Hispanic Bar Association 15th Annual Gala, Keynote Speech, September 25, 2008
58. Hispanic Association of Colleges and Universities 22nd Annual Conference “Championing Hispanic Higher Education Success: Strengthening the Nation’s Prosperity and Opportunity” Keynote Speaker, October 11-13 2008
59. Stanford Pfeiffer Lecturer, “The Creative Brain: Imagination and Knowledge”, Stanford Medical School, October 2008. <http://med.stanford.edu/medcast/2008/imagination.html>

2009

60. 38th National Migrant Seasonal Head Start Conference Keynote speaker, Wash DC, January 27-30, 2009
61. Texas School Board Association, Keynote Speaker, October 3, 2009, Houston Tx
62. University of Texas Pan American Distinguished Speaker Series, Nov 17, 2009, Tx

2010

63. Invited speaker to minority students from Georgia International Welcome Center group, Johns Hopkins Bayview, April 6, 2010.
64. Central Scholarship Bureau, Invited keynote speaker, Suburban Club, Pikesville, Maryland, November 17, 2010.
65. Biomedical Science Career Student Program at Harvard. “Dark Days and Starry Nights”. February 2010
66. La Joya ISD Welcome Back Staff Assembly. “Dr. Q – His Story”. August 2010.

2011

67. 4th Annual Penn State Global Health Conference Keynote Speaker, Penn State, PA, March 18, 2011
68. Second Look weekend for Hopkins Medical Students, Hopkins Medical School, April 2011
69. Undergraduate Nu Rho Psi (Neuroscience Honor's Society) Keynote Speaker, Hopkins University, April 2011.
70. Student National Medical Association (SNMA) at Johns Hopkins School of Medicine Keynote Speaker, White Coat Ceremony, April 2011
71. Baltimore City Public Schools "Claiming Our Future - A Career Exploration Day", sponsored by the Johns Hopkins School of Medicine, Office of Diversity and Cultural Competence, Speaker, Hopkins Baltimore, Md, May 2011
72. American Medical Student Association at American River College and University of California at Davis Keynote speaker at the 9th Annual Pre-Medical and Pre-Public Health Conference “Learn to Lead Strive to Change, Act to Inspire” October 8-9, 2011 at University of California, Davis
73. Mission trip to provide surgery for the underprivileged, August 17-21, University of Guadalajara, Guadalajara, Mexico.
74. Keynote speech at San Joaquin Delta College “Passport to College” event, October 8, San Joaquin Delta College, Stockton, California.

Commencement Speeches

- | | |
|------|---|
| 2007 | Johns Hopkins University Black and Latino Graduate Commemoration, May |
| 2007 | Yale Physician Assistant School Commencement Speech, Oct |
| 2009 | Yale Medical School Commencement Speech, May |
| 2009 | Park View High School Commencement Speech, June |
| 2011 | Southern Vermont University Commencement Speech, May |
| 2012 | Lackawanna College, May |

Selective National Media Coverage

- 1996 Profiled in Harvard Medical School 1996 Deans Annual Report
- 1999 Profiled in Boston Globe Newspaper Cover Article
Profiled in NPR Interview, WBUR Boston
- 2005 Profiled in Hopkins DOME Cover Article: “The Remarkable Journey of Dr. Q”.
http://www.hopkinsmedicine.org/dome/0609/top_story.cfm

- 2006 Featured in Latina Magazine: In Praise of Latin Men. November 2006
Featured in People En Espanol Magazine: “HSF Alumni Hall of Fame 2006”.
<http://www.youtube.com/watch?v=SotJToDUpuI>
Interview in the Howard Hughes Medical Institute Magazine, "Perspectives & Opinions" HHMI Bulletin. 2006 Nov;19(2):42
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>
- 2007 Promise and Progress Cover Article- Winter 2007
Profiled in Hopkins Medicine Journal Article: Cover Article “Doctor Without Borders: The Alfredo Story” Winter 2007: <http://www.hopkinsmedicine.org/hmn/W07/feature1.cfm>
Profiled in an NPR WYPR Interview with Sheilah Kast: Maryland Morning. Jan 22, 2007
Profiled in the Johns Hopkins Bayview News Magazine, “Quinones’ Quest, Winter 2007, volume 23, No 1.
Profiled in ABC show: Hopkins 24/7, 2007
Profiled in ABC WJLA- interview with Gordon Peterson. Feb 27, 2007
<http://dynamic.wjla.com/watchvideo.hrb?s=wjla&id=1370>
Profiled in NBC WBAL- interview with John Sherman. March 5, 2007
<http://www.wbaltv.com/news/11177318/detail.html>.
Profiled in Fox News (Live)- Interview with Kelly Wright. March 11, 2007
Profiled in an NPR WUFT Interview with Candace Adorka: Mid-Florida Public Radio. April 27, 2007
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>
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
Profiled in The Diane Rehm Show (Live) NPR- Interview.
<http://thedianerehmshow.org/shows/2007-05-29/life-and-career-neurosurgeon-dr-alfredo-quinones-hinojosa>
Interview with Radio Show and Host Eli Bravo Radio Global, WNAM 1210 AM, Miami, August 1, 2007
Interview with W Radio, Live with Carolina Sandoval. August 20, 2007
Feature in Fresno Bee Newspaper, Fresno CA, August 20, 2007
Interview with Luisa Fernanda, Epicentro, Wash DC, August 25, 2007.
<http://www.epicentroradio.com/archive.html>
Interview with Miguel Almaguer, NBC4, Wash DC, October 4, 2007.
<http://video.nbc4.com/player/?id=163929>
Interview with Liliana Henao, Telemundo Washington, DC – WZDC, Oct 9, 2007
Profiled in “Baltimore Magazine”, Top Doctors, November 2007
- 2008 Profiled in Sacramento Univision News, Feb 1, 2008
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>
New York Times June, 2008
<http://www.nytimes.com/2008/06/05/arts/television/25docu.html?scp=1&sq=alfredo+quinones&st=nyt>
Good Morning America June 2008 <http://abcnews.go.com/video/playerIndex?id=5252282>
Good Morning America Radio June 2008 <http://abcnews.go.com/video/playerIndex?id=5259254>
ABC News Health with Erica Baumgart June 2008
<http://abcnews.go.com/Health/story?id=5247256&page=1>
ABC HOPKINS June 2008 http://hopkins.abcnews.com/dr_profiles/alfredo-quinones-hinojosa
Nova Science NOW July 2008 <http://www.pbs.org/wgbh/nova/sciencenow/0303/03.html>
NBC Today Show July 2008 <http://www.msnbc.msn.com/id/25802159/>
Midday with Dan Rodricks July 2008 http://www.wypr.org/mid_day.html
Profiled in “Baltimore Magazine”, Baltimore Grill August 2008

Health Magazine, “What the stars are really thankful for”, Nov 2008

<http://living.health.com/2008/10/15/celebrity-thankful-health/>

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

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

2009 “One-on-One with Maria Hinojosa”, WGBH Television April 2009

[Maria Hinojosa: One-on-One with Alfredo Quinones-Hinojosa | WGBH Multimedia](#)

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>

The Stockton Record, “Brain Surgeon Latest Distinguished Delta Graduate”, November 20, 2009.

http://www.recordnet.com/apps/pbcs.dll/article?AID=/20091120/A_NEWS/911200331#STS=g2ez1owm.ljln

NeuroLogic, “For Stem Cell Therapy, No prescriptions Yet”, Fall 2009.

2010 Baltimore Sun, “Johns Hopkins Doctors do Brain Surgery via Eyelid”, June 26, 2010.

<http://www.baltimoresun.com/health/bs-hs-hopkins-eye-lid-surgery-20100626,0,2199544.story?page=1>

Fox News Interview, Doctors Remove Brain Tumor Through Eyelid in Ground-Breaking Surgery, September 2010.

<http://www.foxnews.com/health/2010/09/22/doctors-remove-brain-tumor-eyelid-ground-breaking-surgery/?test=latestnews>

CNN Interview with Sanjay Gupta, October 2010.

<http://www.cnn.com/video/#/video/health/2010/10/05/dnt.gupta.dr.q.human.factor.cnn?iref=allsearch>

2011 AARP My Generation, “Dr. Q: Fulfilling the American Dream: From migrant farm worker to world class brain surgeon”, February 2011. <http://www.aarp.org/personal-growth/life-stories/info-02-2011/fullfilling-the-america-dream.html>

Evelyn and Walter Hass, Jr. Fund First Person Stories, “I Came Here with a Dream”, April 2011.

<http://www.haasjr.org/what-were-learning/stories#>

NPR On Point interview with Tom Ashbrook, “Educating Illegal Immigrants”, September 27, 2011.

<http://onpoint.wbur.org/2011/09/27/educating-illegal-immigrants>

Fox News Latino, “Our American Dream: From Migrant Farm Worker to Top Brain Surgeon”, October 19, 2011, Lucy Hood. <http://latino.foxnews.com/latino/community/2011/10/19/our-american-dream-john-hopkins-top-brain-surgeon-was-once-undocumented-field/>

C-Span TV, Q&A with Alfredo Quinones-Hinojosa, September 7, 2011. <http://www.c-spanvideo.org/program/301396-1>

Sirius XM Radio, “Doctor Radio”, September 27, 2011.

Los Angeles Times featured interview, “Patt Morrison Asks: The brain, Alfredo Quinones-Hinojosa”, October 1, 2011. <http://articles.latimes.com/2011/oct/01/opinion/la-oe-morrison-hinojosa-20111001>

NPR / Latino USA featured interview, “From the Fields to the Operating Room: Becoming Dr. Q”, October 14, 2011. <http://www.latinousa.org/967-2/>

KPCC (NPR) interview with Patt Morrison, “From farmhand to neurosurgeon: “Becoming Dr. Q”.

October 18, 2011. <http://www.scpr.org/programs/patt-morrison/2011/10/18/21055/dr-q>

The Tavis Smiley show feature interview, October 20, 2011.

<http://www.pbs.org/wnet/tavissmiley/interviews/neurosurgeon-dr-alfredo-quinones-hinojosa/>

Baltimore Magazine, feature story in annual “Top Docs” issue, “The Curious Case of Dr. Q”, Volume 104, Issue 11. <http://www.baltimoremagazine.net/health/2011/11/the-curious-case-of-dr-q>

KIRO-FM, The Johns Curley Show, November 3, 2011.

<http://mynorthwest.com/?nid=577&a=35481&p&n>

La Opinion feature interview with Martha Sarabia, September 28, 2011.

WLRN-FM (NPR), Topical Currents, “A Surgeon’s Path From Migrant Fields to Operating Room”,

October 26, 2011. <http://www.wlrn.org/radio/programs/topical-currents/archive/a-surgeon28099s-path-from-migrant-fields-to-operating-room/>

- AARP Radio Primetime feature interview, November 16, 2011.
AARP Radio VIVA Su Segunda Juventud feature interview, November 16, 2011.
NPR Tell Me More feature interview, November 16, 2011.
2012 FOX news with Kelly Wright. Interview about book “Becoming Dr. Q”

Selective International Media Coverage

- 2007 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>
Interview with Newspaper “Fronteras de la Noticia” Mexico, June, 2007
Interview with Newspaper “El mundo” Spain. August 13, 2007
<http://www.elmundo.es/elmundosalud/2007/08/08/medicina/1186597495.html>
Interview with Newspaper “El Mercurion” 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}
Interview en “Aqui y Ahora”, UNIVISION, Dec 27, 2007
2008 Interview in “Al Punto”, with Jorge Ramos, UNIVISION, March 28, 2008
Interview in “Sabado Gigante”, with Don Francisco, UNIVISION, March 29, 2008
ABC News with David Puente 2008
Interview with NY Times 2008 <http://www.nytimes.com/2008/05/13/science/13conv.html>
Interview in Reader’s Digest, Feb 2008 with Max Alexander <http://www.readersdigest.com.au/illegal-immigrant-turned-brain-surgeon>
Eye on Harvard: Terra Firma – A Journey from Migrant Farm Labor to Neurosurgery with Ogan Gurel April 2008 <mms://68.251.204.75/video/intimetv/har025.wmv=20>
Insights in Medicine: Advances in Neuro-Oncology - Stem Cell Therapy with Ogan Gurel April 2008 <http://www.intimetv.com/assets/flash/iim030.html>
Hablemos de Salud with Dr. Elmer Huerta and Pablo Sanchez, April 2008
World View Exclusiva with David Puente May 2008
<http://abcnews.go.com/video/playerIndex?id=4867913>
Press Release for HOPKINS, New York, May 2008
Press Release for PBS NOVA Science NOW, New York, June 2008
2009 La Opinión, “La vida del ‘Doctor Q’ contagia de inspiración”, June 21, 2009
<http://www.impre.com/noticias/nacionales/2009/6/21/la-vida-del-doctor-q-contagia--131240-1.html>
MSN Interview with Yunie Kim <http://today.msnbc.msn.com/id/25802159>
CNN en Español interview with Ione Molineras, September 2009
<http://www.totalvideopro.com/drquinonez/Dr%20Alfredo%20Quinonez.wmv>
2010 “The New American”. Mun2 News special, aired on MSNBC and Mun2, April 2010.
<http://www.holamun2.com/shows/news-special/news-special-the-new-america-full-episode>
From Field Hand to Brain Surgeon; RWJF 'Harold Amos Medical Faculty Development' program scholar makes remarkable journey, Interview with Molly Tomlinson, November 15, 2010.
<http://www.rwjfleaders.org/news/field-hand-brain-surgeon>
2011 Centro Universitario de Ciencias de la Salud. “Concluyó con éxito el Programa de Neurocirugía Comunitaria”, August 21, 2011 <http://www.cucs.udg.mx/articulo.php?id=1952>
Centro Universitario de Ciencias de la Salud. “Realizan neurocirugías de mínima invasión en Hospital Civil”, August 18, 2011 <http://www.cucs.udg.mx/articulo.php?id=1950>
2012 “Surgical Neurology International”, Neurocirugía Hoy Volume 11. January 10, 2012
<http://surgicalneurologyinternational.com/blog/category/societies/publications/neurocirugia-hoy/>

OTHER PROFESSIONAL ACCOMPLISHMENTS

Languages

Spanish Speaker, Writer and Reader