

HERMES G. GARCIA, MD

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EDUCATION

Thomas Jefferson University Hospital, Department of Neurosurgery

Minimally Invasive Endoscopic Cranial Base Surgery Fellowship

July 2017 – June 2018

Supervisor: James J. Evans, MD

Swedish Neuroscience Institute, Cherry Hill Campus

Skull Base and Cerebrovascular Surgery Fellowship

July 2016 – June 2017

Supervisor: Johnny B. Delashaw, MD

University of Puerto Rico, School of Medicine, Department of Neurosurgery

Neurosurgery Residency

July 2009 – June 2016

Program Director: Caleb E Feliciano, MD

Thomas Jefferson University Hospital, Department of Neurosurgery

Endoscopic Cranial Base Surgery In-folded Fellowship

April 2013 – December 2013

Supervisor: James J. Evans, MD

University of Puerto Rico, School of Medicine

Doctor of Medicine

August 2005 – June 2009

Magna Cum Laude / GPA 3.97

University of Puerto Rico, Rio Piedras Campus

Bachelor of Science in Biology

August 2005 – June 2009

Magna Cum Laude / General GPA 3.75 / Major GPA 3.80

WORK HISTORY

Orlando Health Neuroscience and Rehabilitation

Neurosurgery Group

Orlando Regional Medical Center

Neurosurgeon – Minimally Invasive Neuro-Oncologic Surgery and Endoscopic Skull Base Surgery

September 2018 - Present

BOARD CERTIFICATION

American Board of Neurological Surgeons, Primary Examination

April 2014

American Board of Neurological Surgeon, Oral Board

May 2021

MEDICAL LICENSE EXAMINATIONS

United States Medical Licensing Examination, **Step 1**

July 2007

United States Medical Licensing Examination, **Step 2 CK**

July 2008

United States Medical Licensing Examination, **Step 2 CS**

May 2009

United States Medical Licensing Examination, **Step 3**

November 2009

PUBLICATIONS

Chitguppi C, Rimmer RA, **Garcia HG**, Koszewski IJ, Fastenberg JH, Nyquist GG, Rosen MR, Huntly C, Rabinowitz MR, Evans JJ. Evaluation of Cranial Base Repair Techniques Utilizing a Novel Cadaveric CPAP Model. *Int Forum Allergy Rhinol*. 2019 Jul; 9(7): 795-803

Rimmer RA, Duffy AN, Knops AM, Rabinowitz MR, Koszewski IJ, Rosen MR, Ortlip T, Heffelfinger RN, **Garcia HG**, Evans JJ, Nyquist GG, Curry JM. The Role of Free Tissue Transfer in the Management of Chronic Frontal Sinus Osteomyelitis. *Laryngoscope*. 2019 Jul; 129(7): 1497-1504.

Rimmer RA, Chitguppi C, Garcia HG, Koszewski IJ, Nyquist GG, Rosen MR, Huntley C, Evans JJ, Rabinowitz MR. *Int Forum Allergy Rhinol.* 2019 Feb; 9(2): 197-203

Garcia HG, Otten M, Pyfer M, Singhal SJ, Ilorete AM, Kshetry V, Farrel CJ, Nyquist G, Rosen M, Evans JJ. Minimizing Septectomy for Endoscopic Transsphenoidal Approaches to the Sellar and Suprasellar Regions: A Cadaveric Morphometric Study. *J Neurol Surg B* 2016 Dec;77(6):479-484

Huntley C, Ilorete AMC, Nyquist GG, Otten M, **Garcia HG**, Farrell C, Rosen MR, Evans JJ. Perforation of a nasoseptal flap does not increase the rate of post-operative cerebrospinal fluid leak. *Int Forum Allergy Rhinol.* 2015 Apr;5(4):353-5

Garcia HG, Willcox TO, Evans JJ. Vestibular Schwannoma Presenting with Intratumoral Hemorrhage: Case Report. *JHN Journal* 2013; 8(2): 2-5

Vale FL, Reintjes S, **Garcia HG**. Complications After Mesial Temporal Lobe Surgery Via Inferior Temporal Gyrus Approach. *Neurosurgery Focus* 34 (6), 2013

Santos-Vera B, Vazquez-Torres Rafael, **Garcia HG**, Ramos JM, Arencibia F, Velez ME, Miranda JD. Jimenez-Rivera CA. Cocaine Sensitization Increases Ih Current Channel Subunit 2 (HCN2) Protein Expression in Structures of the Mesocorticolimbic System. . *Journal of Molecular Neuroscience.* 2013 May;50(1):234-45.

Colon-Cesario M, Wang J, **Garcia HG**, Ramos X, Davila JJ, Laguna J, Rosado C, Peña de Ortiz SA. Inhibitor of DNA Recombination Blocks Memory Consolidation, but Not Reconsolidation in Context Fear Conditioning. *Journal of Neuroscience.* 2006; 26 (20):5524-33.

BOOK CHAPTERS

Garcia HG, Evans JJ. "Tuberculum Sellae – Perspective". *Skull Base Surgery: Strategies.* Walter C. Jean. New York: Thieme, 2019.

PRESENTATIONS

"Endoscopic Endonasal Resection of Tuberculum Sella Meningiomas - Case Selection and Technical Nuances"

9th International Federation of Neuroendoscopy World Congress of Neuroendoscopy
Hilton Orlando Bonnet Creek Resort
Oral Presentation
November 24, 2019.

"Podium Dissection and Hands-On Laboratory"

9th International Federation of Neuroendoscopy World Congress of Neuroendoscopy - Pre-Meeting Workshop
Hilton Orlando Bonnet Creek Resort
Oral Presentation and Live Dissection
November 21, 2019.

"Standard versus Expanded Endonasal Trans-Sphenoidal Approaches: Technique and Indications"

9th International Federation of Neuroendoscopy World Congress of Neuroendoscopy - Pre-Meeting Workshop
Hilton Orlando Bonnet Creek Resort
Oral Presentation
November 21, 2019

"Endoscopic Skull Base Surgery - Grand Rounds and Cadaver Lab"

UPR Neurosurgery Residency Program
University of Puerto Rico, Medical Sciences Campus
Oral Presentation
October 25, 2019

“Minimally Invasive Neuro-Oncologic and Endoscopic Skull Base Surgery

Orlando Health APP Oncology Symposium
Orlando Health Heart Institute
Oral Presentation
October 23, 2019

“Surgical Management of CSN Tumors”

2019 - 2nd Annual Neuroscience Symposium.
Embassy Suites by Hilton, Orlando Downtown
Oral Presentation
April 13, 2019.

**“Neuroendoscopy in Transphenoidal and Transcranial Approaches:
2-Year PR Experience”.**

Nathan Rifkinson Neurosurgery Forum
University of Puerto Rico, School of Medicine
Oral Presentation
May 2016

**“The Incidence of Seizures in Patients with Chronic Subdural Hematomas
Treated with Burr Hole Evacuation”.**

65th Southern Neurosurgical Society Annual Meeting
Ritz Carlton San Juan, PR
Abstract Oral Presentation.
February 2014

**“Minimizing Sepectomy of Endoscopic Transphenoidal Approaches to the Sellar
and Suprasellar Regions: A Cadaveric Morphometric Study”.**

North American Skull Base Society 24th Annual Meeting
Grand Manchester Hyatt, San Diego CA
Abstract Oral Presentation.
February 2014

**“Morphometric and Clinical Analysis of the “1.5 Approach” – A Novel Approach
to the Sphenoid Sinus with Preservation of the Nasoseptal Flap”.**

North American Skull Base Society 24th Annual Meeting
Grand Manchester Hyatt, San Diego CA
Abstract Poster Presentation.
February 2014

**“First Reported Case of SUNCT Syndrome Resolved by Resection
of Pituitary Tumor in Pediatric Patient”.**

North American Skull Base Society 24th Annual Meeting
Grand Manchester Hyatt, San Diego CA
Abstract Poster Presentation.
February 2014

“The Expression of Caveolae-Associated Proteins in C6 Glial and 1321N1 Cell Lines”

MBRS RISE Poster Sessions 2004
University of Puerto Rico, Medical Sciences Campus
Abstract Poster Presentation.
August 2014

The hzf-3/nurr1 Gene is Regulated by the Activation of CREB During Consolidation of Contextual Fear Memory."

XIII Annual Puerto Rico Neuroscience Conference

University of Puerto Rico, Rio Piedras Campus

Abstract Poster Presentation.

August 2014

COMMUNITY SERVICE

Missionary trip to Costa Rica Tshipiri Indigenous Community **2008**

Affiliation: "Doctors Rescue Alliance". President: Jose A. Alvelo, MD
UPR, School of Medicine

Capetillo Clinics – Rio Piedras, PR **2007**

Affiliation: "Student Association for Community Service"
UPR, School of Medicine

Ambulatory Clinics "Lazos de Amor" **2007**

Affiliation: "Student Association for Community Service"
UPR, School of Medicine

Outreach Program **2000**

Affiliation: Latin-American Center for Sexually Transmitted Diseases.
Supervisor: Jose Franquis, MD

AWARDS

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| Magna Cum Laude in Doctor of Medicine Degree | June 2009 |
| Academic Excellence in Surgery | June 2009 |
| Academic Excellence in Medicine | June 2009 |
| Alpha Omega Alpha Member, Junior Year Inductee | February 2008 |
| High Honors in Mechanisms of Disease Course, 2 nd Year Medicine | March 2008 |
| Honor Roll Tuition Exemption in UPR Medical School (Years 1-4) | 2006- 2009 |
| Magna Cum Laude Bachelors of Science in Biology | May 2005 |
| Honor Award 2004 for Academic Excellence, UPR Rio Piedras Campus | May 2005 |
| PRLS AMP NSF Undergraduate-Graduate Link Program | August 2003 |
| MBRS-RISE Summer Research Program | June 2004 |

CERTIFICATIONS

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| Principles and Practice of Gamma Knife Radiosurgery Training, UPMC | March 2017 |
| Advanced Cardiovascular Life Support (ACLS) Provider | June 2016-June 2018 |

AFFILIATIONS/MEMBERSHIPS

Congress of Neurological Surgeons (CNS) – Former Resident Chapter
American Association of Neurological Surgeons (AANS) – Former Resident Chapter

LANGUAGES

Spanish – Native language.
English – Native language.
Italian – Basic reading, speaking, and comprehension.

EXTRACURRICULAR ACTIVITIES

Puerto Rico Marathon/Half Marathon March 22nd, 2015; San Juan, PR – Half Marathon Completion
ABNS Written Board Exam Review Series – UPR School of Medicine, Neurosurgery Program, January-March 2015.

Annual Neurosurgery Charity Softball Tournament – New York, NY. June 2013 to 2015.

Indoor Soccer Resident Team Striker/Forward Position – UPR, School of Medicine Indoor Soccer Tournament 2009-2016

INTERESTS

Guitar: play and musical composition.

Sports: running, weight training, soccer, softball, and cross training

Art: drawing and painting; appreciation.