

**Alma Yum, MD.**

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**MEDICAL WORK EXPERIENCE:**

- October 2017 – present      Assistant Professor of Neurology  
University of Colorado  
Denver Health Medical Center  
Department of Medicine, Neurology Division  
601 Broadway Street  
Denver, CO 80203
- July 2015 – June 2017      Neurophysiology/Epilepsy fellowship, PGY 5-6  
Barrow Neurologic Institute  
St. Joseph's Hospital  
Phoenix, AZ 85013
- July 2012 – June 2015      Neurology residency, PGY 2-4  
Rutgers Robert Wood Johnson Medical School  
125 Paterson street, suite 6247, New Brunswick NJ 08901  
*\*program director; Lawrence Golbe, MD.*
- July 2011 - June 2012      Preliminary year Internship, PGY 1  
Internal Medicine Residency Program  
Georgia Regents Medical Center (*formerly MCG/Georgia Health Sciences University Hospital*)  
1120 15th street, BI-5070, Augusta, GA 30912

**NON-MEDICAL WORK EXPERIENCE:**

- November 2000 - June 2006      Lead Interactive Designer  
TNT, Turner Entertainment Group  
Atlanta, Georgia
- September - November 2000      Senior Interactive Designer  
marchFIRST, Inc.  
Atlanta, Georgia
- April - September 2000      Senior Interactive Designer  
Atomic Fusion  
Atlanta, Georgia
- June 1998 - April 2000      Interactive Designer  
Turner Classic Movies, Turner Entertainment Group  
Atlanta, Georgia
- May - July 1998      Designer, on-air graphics  
CNN Headline News  
Atlanta, Georgia
- September - November 1997      Graphic Designer, freelance  
Murrell Design Group  
Atlanta, Georgia
- June 1997 - April 1998      Graphic Designer, freelance  
Aquent, EM2, Cartoon Network, Creative Soup,  
Rich's Department Store corporate headquarters, etc.  
Atlanta, Georgia

**EDUCATION:**

- July 2006 - May 2011      Medical Doctorate  
Medical College of Georgia  
at Georgia Health Sciences University (*now Georgia Regents University*)  
1120 15th street, AA-173, Augusta, GA 30912

January 2003 - August 2005      Premedical Post-baccalaureate classes  
Georgia State University  
Atlanta, Georgia

1993-1997, 2000                Bachelor of Fine Arts, Graphic Design  
The University of Georgia  
Athens, Georgia

#### **PUBLICATIONS:**

"Understanding Epilepsy: A Study Guide for the Boards"  
Chapter 13. Ictal and Interictal Epileptiform Electroencephalogram Patterns. (pages 239-250)  
Authors: Alma Yum, Vladimir Shvarts  
Edited by Vibhangini S. Wasade, Marianna Spanaki.  
Cambridge University Press. October 2019  
Online ISBN: 9781108754200  
DOI: <https://doi.org/10.1017/9781108754200>

"Yield of conventional and automated seizure detection methods in the epilepsy monitoring unit"  
Authors: Brad Kamitaki, Alma Yum, Stephen Wong et al.  
Seizure - European Journal of Epilepsy  
July 2019, volume 69, pages 290-295  
DOI: <https://doi.org/10.1016/j.seizure.2019.05.019>

#### **POSTER PRESENTATIONS:**

February 11, 2017                Abstract accepted, poster presented at  
American Clinical Neurophysiology Society annual meeting, Phoenix, Arizona  
"Predictive Numerical Score and Correlation with Seizure-Free Outcomes  
in Refractory Temporal Lobe Epilepsy"  
[ A. Yum, V. Shvarts; Poster No. S28, 2017, American Clinical Neurophysiology Society Annual Meeting, [www.acns.org](http://www.acns.org) ]  
Barrow Neurological Institute

December 5, 2015                Abstract accepted, poster presented at  
American Epilepsy Society annual meeting, Philadelphia, Pennsylvania  
"Reliability of Seizure Detection in the Epilepsy Monitoring Unit"  
[ A.Yum, R. Mani, K.R. Kaufman, K. Sivaraaman, A. Esfahanizadeh, S. Wong; Abstract No. 1.002, 2015,  
American Epilepsy Society Annual Meeting, [www.aesnet.org](http://www.aesnet.org) ]

February 9, 2014                Abstract accepted, poster presented at  
American Clinical Neurophysiology Society annual meeting, Atlanta, Georgia  
"Predicting & Reducing DBS Artifact from EEG"  
[ A. Yum, S. Wong; Poster No. F12, 2014, American Clinical Neurophysiology Society Annual Meeting, [www.acns.org](http://www.acns.org) ]

December 9, 2013                Abstract accepted, poster presented at  
American Epilepsy Society annual meeting, Washington, D.C.  
"Supraventricular Tachycardia associated with VNS Deactivation"  
[ A. Yum, K.R. Kaufman, R. Mani; Abstract No. 3.296, 2013, American Epilepsy Society Annual Meeting, [www.aesnet.org](http://www.aesnet.org) ]

#### **SPEAKING PRESENTATIONS:**

June 15, 2017                    Grand Rounds presentation  
"Predictive Numerical Score and Correlation with Seizure Free outcomes  
In Refractory Temporal Lobe Epilepsy"  
Research presentation; development of numerical scoring system based on presurgical epilepsy workup,  
and correlation with postsurgical seizure outcomes seen in temporal lobe epilepsy patients

based on retrospective chart review  
Barrow Neurological Institute

March 11, 2015      Grand Rounds presentation  
"New Onset Refractory Seizures"  
Case presentation of NMDA receptor encephalitis and its diagnostic challenges  
Rutgers Robert Wood Johnson Medical School

January 23, 2013      Grand Rounds presentation  
"Acute Proximal Weakness"  
Case report for muscle weakness caused by myophosphorylase deficiency  
Rutgers Robert Wood Johnson Medical School

September 19, 2012      Case presentation  
"Progressive distal numbness and weakness"  
Case report for Chronic Inflammatory Demyelinating Polyneuropathy,  
presented for Neuromuscular Grand Rounds  
Rutgers Robert Wood Johnson Medical School

\*\*\*Additional lectures given:

Monthly epilepsy lectures given for neurology residents and medical students' neurology/epilepsy rotation (2015 – 2017),  
8/12/2014 Peripheral nerves of the Upper extremities, 6/12/2014 Post-MI neurologic prognosis, 5/9/2014 Paraneoplastic  
neuropsychiatric syndromes, 12/27/2013 Cranial Nerves VII-XII, 4/30/2012 Diverticulitis, 3/30/2012 Myasthenia Gravis,  
3/19/2012 Parapneumonic effusion, 1/11/2012 Chylothorax, 10/26/2011 Serotonin syndrome, 8/24/2011 Acute myelogenous leukemia.

**RESEARCH PROJECTS:**

"Presurgical assessment scoring system & prediction of postsurgical outcomes in temporal lobe epilepsy"

Objective numerical scores were assigned to refractory epilepsy patients based on results of presurgical workup,  
then compared to surgical outcomes after selective amygdalohippocampectomy.  
(literature review of each investigational modality, followed by retrospective chart review of presurgical evaluation and  
assessment of surgical outcomes)

"Clinical seizure detection methods in the Epilepsy monitoring unit"

review of seizure events captured in adult EMU patients, with comparison of seizure detection methods and their reliability  
(retrospective review of video and EEG files, with statistical analysis using generalized linear models)

**LICENSURE & CERTIFICATION:**

- Colorado state medical license, since August 2017
- Arizona state medical license, since July 2016
- American Board of Neurology & Psychiatry, certificate # 60528, since 9/12/2016
- ABPN Epilepsy certification, certification #1843, since 10/22/2018
- ABPN Clinical Neurophysiology, certification #3256, since 10/15/2019

**PROFESSIONAL SOCIETIES:**

- American Epilepsy Society, member since 2013
- American Academy of Neurology, member since 2012

**REFERENCES:**

- Dr. David Treiman\*      Director of Epilepsy, Barrow Neurological Institute  
David.Treiman@DignityHealth.org
- Dr. Vladimir Shvarts      Director of Fellowship & IOM, Epilepsy Division, Barrow Neurological Institute  
Vladimir.Shvarts@DignityHealth.org

- Dr. Suhayl Dhib-Jalbut\* Chairman, Department of Neurology  
suhayl.jalbut@rutgers.edu
- Dr. Lawrence Golbe\* Program Director, Rutgers Robert Wood Johnson Neurology Residency  
golbe@rwjms.rutgers.edu
- Dr. Stephen Wong\* Medical Director of Clinical Neurophysiology, Rutgers Robert Wood Johnson Medical School  
stephen.wong@rutgers.edu
- Dr. Ed Maa Director, Epilepsy Center, Denver Health Medical Center  
edward.maa@dhha.org

*\*Letters of recommendation available by request.*