**ACADEMIC INFORMATION**

**T32 Fellowship: Stanford Hospital & Clinic, Palo Alto, CA -** [Center for Sleep Sciences and Medicine](http://sleep.stanford.edu/)– current

Site PI: Emmanuel Mignot, MD, PhD; Grant PI: Allan Pack, MBChB, PhD, FRCP

Pertinent courses: Statistical Learning (completed with *Distinction*)

**Sleep Fellowship: Stanford Hospital & Clinic, Palo Alto, CA -** [Center for Sleep Sciences and Medicine](http://sleep.stanford.edu/)- June ‘15

**Neuro Residency: The Johns Hopkins Hospital, Baltimore, MD -** [Dept. of Neurology](http://www.hopkinsmedicine.org/neurology_neurosurgery/education/residencies/neurology_residency/program_overview/)- June ‘14

**Internship: Shands at the University of Florida, Gainesville, FL -** [Department of Medicine](http://www.medicine.ufl.edu/)- June ‘10

Pertinent courses: Longitudinal Resident as Teacher (RasT) Program

**University of** [Doctor of Medicine](http://www.med.ufl.edu/) **with** [Honors in Research](http://msrp.med.ufl.edu/graduation-with-honors-in-research/) **and Honors for Special Achievement** - May ‘10

**Florida:** Pertinent courses: Medical Student Research Track, Reflective Writing, Narrative

Medicine, Life/Figure Drawing, HEART

**Bachelor of Science with Honors** in Business, Management - May ‘05

Minor in Mathematics

Pre-Medical Tracking

**Howard Hughes** [Fellow](http://www.hhmi.org/cloister/) **-** HHMI-NIH Research Scholars Program

**Medical Institute:** Pertinent courses: AFNI “Bootcamp”, Introduction to the Principles and Practice of Clinical Research

**LICENSURE AND CERTIFICATION**

**License, Medical Board of California** exp. 02-28-2018

**Diplomate, Neurology, American Board of Psychiatry and Neurology** 09-25-2014

**Diplomate, Sleep Medicine, American Board of Psychiatry and Neurology** 10-22-2015

**AWARDS AND RECOGNITION**

**SRS Trainee Merit Award** June ‘17

**AASM Young Investigators Research Forum** April ‘16

**Sleep Research Network Travel Award** October ‘15

**AAN Fellow Scholarship to the Annual Meeting** April ‘15

**Neurology chief resident** July ‘14

**AAN Resident Scholarship to the Annual Meeting** April ‘14

**Neurology on the Hill** March ‘14

**Housestaff Teaching Award** October ‘13

**AAN Medical Student Prize for Excellence in Neurology** May ‘10

[**Gold Humanism Honor Society**](http://www.humanism-in-medicine.org/) **– Chapman Chapter** September ‘09

**Addiction Medicine Book Award** June ‘07

**Clinical Neuroscience Service and Humanity Award** June ‘07

**Maren Creativity Award** March ‘07

**Distinguished Service Award** April ’06, April ‘07

**Exceptional Performance in Neuroscience Award** June ‘06

[**MSRP**](http://msrp.med.ufl.edu/) **Summer Research Fellowship** June ‘06

**SERVICE EXPERIENCE**

**Volunteer –** [**Cardinal Free Clinics**](http://cfc.stanford.edu/)

Stanford University, College of Medicine March ‘16 to Present

**Volunteer category judge –** [**Synopsys Science & Technology Championship**](http://science-fair.org/judges-3/category-judges/)

Santa Clara, CA March ’16 to Present

**Volunteer life counselor –** [**New Song College & Career Program**](http://www.baltimorecityschools.org/domain/5954)

New Song Academy August ‘13 to June ‘14

**Member/Volunteer –** [**Gold Humanism Honor Society**](http://www.humanism-in-medicine.org/)**, Chapman Chapter**

University of Florida, College of Medicine September ‘09 to Present

**Volunteer –** [**Equal Access Clinic**](http://equalaccess.med.ufl.edu/)

University of Florida, College of Medicine August ‘05 to June ‘11

**Volunteer – Habitat for Humanity**

University of Florida, College of Medicine August ‘05 to June ‘11

**Volunteer – HHMI Science Education Volunteers**

Howard Hughes Medical Institute August ‘08 to August ‘09

**Volunteer –** [**Project HEAL**](http://projectheal.sites.medinfo.ufl.edu/)

University of Florida, College of Medicine April ‘06 to March ‘09

**Volunteer – Project FRIEND**

University of Florida, College of Medicine March ‘06

**TEACHING/MENTORSHIP EXPERIENCE**

**Mentor –** [**Stanford Institutes of Medicine Summer Research Program**](http://simr.stanford.edu/)

Stanford University, School of Medicine June ’16 to August ‘16

**Clinical Instructor –** [**Sleep Medicine Fellowship**](http://sleep.stanford.edu/education/fellowship.html)

Stanford University, School of Medicine July ‘15 to Present

**Preceptor – Transition to the Wards course**

Johns Hopkins University, School of Medicine February ’14 to March ‘14

**Instructor – Lumbar puncture training, Neurology clinical clerkship**

Johns Hopkins University, School of Medicine July ’11 to June ‘14

**Instructor – Medical Humanities and Clinical Practice**

University of Florida, College of Medicine January ’10 to March ‘10

**Instructor – Life/Figure Drawing Class**

University of Florida, College of Medicine January ’06 to May ‘10

**Instructor – MCAT course**

Kaplan October ’04 to August ’06

**Teaching assistant – Management MAN3025**

University of Florida ‘03

**LEADERSHIP EXPERIENCE**

**Chair Alliance Awards Workgroup** – **Scientific Awards Workgroup**

American Academy of Neurology Sept ‘17 to present

**Subcommittee Member** – **AASM Trainee Symposia Series Subcommittee**

American Academy of Sleep Medicine Sept ‘17 to present

**Editorial Board Member** – ***Practical Neurology***

*Practical Neurology* April ‘17 to present

**Workgroup Member** – **AAN Annual Meeting Sleep Topic workgroup**

American Academy of Neurology June ‘17

**Team Leader** – **New Program Offerings workgroup**

American Academy of Neurology April ‘17 to present

**Team Leader** – [**Synopsys Science & Technology Championship**](http://science-fair.org/judges-3/category-judges/)

Santa Clara, CA March ‘17

**Committee Member** – **Educational Products Subcommittee**

American Academy of Sleep Medicine July ‘16 to Present

**Chair** – [**Sleep Medicine Section**](https://www.aan.com/membership/sections/)

American Academy of Neurology April ‘16 to Present

**Alliance Awards Workgroup Member** – **Scientific Awards Workgroup**

American Academy of Neurology – Scientific Awards Workgroup Sept ‘15 to Sept ‘17

**Committee Member** – [**Graduate Education Subcommittee**](https://www.aan.com/membership/committees/education-committee/)

American Academy of Neurology – GES April ‘15 to April ‘17

**Past Chair** – [**Consortium of Neurology Residents and Fellows**](http://www.aan.com/go/education/consortium)

American Academy of Neurology – CNRF March ‘15 to March ‘16

**Chair** – [**Consortium of Neurology Residents and Fellows**](http://www.aan.com/go/education/consortium)

American Academy of Neurology – CNRF March ‘14 to March ‘15

**Chair Elect** – [**Consortium of Neurology Residents and Fellows**](http://www.aan.com/go/education/consortium)

American Academy of Neurology – CNRF March ‘13 to March ‘14

**Chief Resident** – **Johns Hopkins Neurology Residency**

Johns Hopkins, Department of Neurology July ‘13 to June ‘14

**Webmaster** – [**Johns Hopkins Neurology Resident Website**](https://sites.google.com/site/jhhneurores/) (meyerneurologyresidents/pronatordrift)

Johns Hopkins, Department of Neurology March ‘13 to June ‘14

**Neurology Rep. – Housestaff Patient Safety and Quality Council**

Johns Hopkins Hospital May ‘13 to June ‘14

**Class Representative – Residency Selection Committee**

Johns Hopkins, Department of Neurology March ‘12 to March ‘14

**Elected Departmental Representative – ACGME site visit**

Johns Hopkins, Department of Neurology August 2011

**Co-Director –** [**Equal Access Clinic**](http://equalaccess.med.ufl.edu/)

University of Florida, College of Medicine April ‘06 to May ‘10

**Committee Member – UF Medical Selection Committee**

University of Florida, College of Medicine September ‘09 to May ‘10

**Board Member – Student Advisory Board on Community Service**

University of Florida, College of Medicine August ‘08 to May ‘10

**Coordinator – HHMI Journal Club**

Howard Hughes Medical Institute August ‘08 to August ‘09

**Institutional Representative – American Physician Scientists Association (APSA)**

Howard Hughes Medical Institute August ‘08 to August ‘09

**Co-Director – Clinical Neuroscience Pathway (CNP)**

University of Florida, College of Medicine April ‘06 to April ‘07

**Vice President – Student Interest Group in Neurology (SIGN)**

University of Florida, College of Medicine April ‘06 to April ‘07

**Coordinator – Interviewee Hosting Program**

University of Florida, College of Medicine August ‘06 to March ‘07

**Event Coordinator – Doctors Without Borders**

University of Florida, College of Medicine w/ Doctors Without Borders August ‘05 to March ‘07

**Secretary – Equal Access Clinic**

University of Florida, College of Medicine October ‘05 to April ‘06

**Historian – American Medical Association – Medical Student Section, UF**

University of Florida, College of Medicine August ‘05 to April ‘06

**Ethics Committee**

University of Florida, College of Medicine August ‘05

# **RESEARCH EXPERIENCE**

*Researcher*, **PI Emmanuel Mignot, M.D., Ph.D. – T32 in Genetic/Genomic approaches to Sleep Medicine** July ‘15 to Present

*Researcher*, **PI Rachel Salas, M.D. – JHMI Study of Sleep and Stroke** July ‘13 to June ‘14

*HHMI Research Scholar,* [**Hallett Lab**](http://neuroscience.nih.gov/Lab.asp?Org_ID=72) **– NINDS-NIH, Human Motor Control Section** July ‘08 to July ‘09

*Research Assistant,* **Bruijnzeel Addiction Laboratory – UF, Psychiatry Department** May ‘06 to August ‘06

*Research Assistant,* [**UPenn Smell and Taste Lab**](http://www.med.upenn.edu/stc/staff/doty.html) **– UPenn, Otorhinolaryngology Dept.**  ‘04

*Research Assistant,* **Quantum Turbulence Research Laboratory – UF, Physics Department**  ‘04

*Ad hoc reviewer*, **Neurology, Sleep, Journal of Clinical Sleep Medicine, Mayo Clinic Proceedings, Sleep and Breathing, Sleep Medicine, Sleep Health**

# **ONGOING PROJECTS**

Genome-wide association study of periodic limb movement disorder (PLMD), in order to understand pathophysiology and inform therapeutic intervention

Objective subphenotyping of sleep-disordered breathing using the polysomnogram (PSG)

Statistical machine learning methods for better hypersomnia categorization using PSG and MSLT

# **PUBLICATIONS**

1. \***co-first**: Scapuccin M\*, **Schneider L\***, et al. Integrating the Divided Nasal Cannula into the Routine Polysomnogram to Assess Nasal Cycle: Feasibility and Impact on Outcomes. *JCSM* (accepted for publication 1/2018)
2. Olsen M, [**Schneider L**](https://www.ncbi.nlm.nih.gov/pubmed/29329416), et al. Automatic, ECG-based detection of autonomic arousals and their association with cortical arousals, leg movements, and respiratory events in sleep. *SLEEP* (accepted for publication 1 2018)
3. \***co-first**: Koch H\*, [**Schneider L**\*](https://www.ncbi.nlm.nih.gov/pubmed/29029253), et al. Breathing disturbances without hypoxia are associated with objective sleepiness in sleep apnea. *SLEEP*, 2017 Nov:1;40(11).
4. [**Schneider L**](https://www.ncbi.nlm.nih.gov/pubmed/28837992), Mignot E. Diagnosis and Management of Narcolepsy. *Semin Neurol*, 2017 Aug;37(4):446-460.
5. Kalmbach DA, [**Schneider LD**](https://www.ncbi.nlm.nih.gov/pubmed/28364486), et al. Genetic basis of chronotype in humans: Insights from three landmark GWAS. *SLEEP*, 2017 Feb 1;40(2).
6. Jordan JT, Mayans D, [**Schneider L**](https://www.ncbi.nlm.nih.gov/pubmed/26976522), et al. Education research: Neurology resident education: Trending skills, confidence, and professional preparation. *Neurology*. 2016 Mar 15;86(11):e112-7.
7. Rakusa M, … [**Schneider L**](http://www.ncbi.nlm.nih.gov/pubmed/?term=Voice+of+young+neurologists+around+the+world). Voice of young neurologists around the world. *Neurology*, 2016 Jan 26; 86:e40-e41.
8. Schreck K, [**Schneider L**](http://www.ncbi.nlm.nih.gov/pubmed/26195241), Geocadin R. A 44-year-old woman with rapidly progressive weakness and ophthalmoplegia. *Neurology*, 2015 Jul 21;85(3):e22-7.
9. Jordan J, Sellner J, Struhal W, [**Schneider L**](http://www.neurology.org/content/82/14/e112.full.pdf+html), Mayans D. Obtaining an Adult Neurology Residency Position in the United States: An Overview. *Neurology*, 2014 Apr 8;82(14):e112-5.
10. [**Schneider LD**](http://www.neurology.org/content/82/14/e116.long), Probasco JC, Newsome SD. Clinical Reasoning: A 68-year-old-man with a first presentation of status epilepticus. *Neurology*, 2014 Apr 8;82(14):e116-21.
11. [**Schneider L**](http://www.ncbi.nlm.nih.gov/pubmed/23363409), Houdayer E, Bai O, Hallett M. What we think before a voluntary movement. *Journal of Cognitive Neuroscience*, 2013 Jun;25(6):822-9.
12. Benninger DH, Berman BD, Houdayer E, Pal N, Luckenbaugh DA, [**Schneider L**](http://www.ncbi.nlm.nih.gov/pubmed/21321333), Miranda S, Hallett M. Intermittent theta-burst transcranial magnetic stimulation for treatment of Parkinson disease. *Neurology,* 2011 Feb 15;76(7):601-9, 2011.
13. Bai, O, Rathi, V, Lin, P, Huang, D, Battapady, H, Fei, D, [**Schneider, L**](http://www.ncbi.nlm.nih.gov/pubmed/20675187), Houdayer, E, Chen, E, Hallett, M. Prediction of human voluntary movement before it occurs. *Clinical Neurophysiology*, 2010 Feb;122(2):364-72.

# **BOOKS & CHAPTERS**

1. “Anatomy and Physiology of Normal Sleep” in [***Sleep and Neurologic Disease***](http://store.elsevier.com/Sleep-and-Neurologic-Disease/isbn-9780128040744/). Editor: Miglis, M. Pending publication (February 2017).
2. [***Manual of the Neurologic Examination for Neurologists in Training***](http://www.dgn.org/e-book). Toyka, Claβen, **Schneider**, and Saur. eBook (October 2016).

# **INVITED LECTURES**

*Stuck in the Revolving Door: Challenges in Narcolepsy:* Platform Presentation

69th AAN Annual Meeting, Boston, MA April ‘17

*Flip-flopped Circuits – Sleep-disorder insights into neurologic disease*: Neurology Grand Rounds

Universität Leipzig, Leipzig, Germany September ‘16

*Flip-flopped Circuits – Sleep-disorder insights into neurologic disease*: Neurology Grand Rounds

Universität Würzburg, Würzburg, Germany September ‘16

*“Simple” Stats for Sleep Physicians*: Stanford Sleep Medicine Fellowship

Stanford Sleep Medicine Center. Redwood City, CA May ‘16 to present

*What I Learned About Research*: Navigating Your Career Section

68th AAN Annual Meeting, Washington, D.C. April ‘16 to present

*Sleep and Obesity – Treat the One, Improve the Other*: Stanford BeWell Employee Health Program

Stanford, CA March ‘16

*What I Learned About Research*: Futures in Clinical Research Luncheon

67th AAN Annual Meeting, Washington, D.C. April ‘15

*Overview of Sleep and Polysomnography:* Stanford Clinical Neurophysiology Conference

Stanford Hospital, Palo Alto, CA February ‘15

*Groundbreaking Treatments in Disorders of Hypersomnia*

Stanford Sleep Medicine Center, Redwood City, CA February ‘15

*If CPAP Works, Why Am I Still Tired?:* Stanford A.W.A.K.E. patient user meeting

Stanford Sleep Medicine Center, Redwood City, CA December ‘14

*Impact of Bariatric Surgery on OSA – A Systematic Review*

Stanford Sleep Medicine Center. Redwood City, CA October ‘14

*Circadian Rhythm – Approximately a Day*

Stanford Sleep Medicine Center. Redwood City, CA September ‘14

*Sleep Recovery Following Stroke:* Neurology Grand Rounds, chief research symposium

Johns Hopkins Hospital, Baltimore, MD June ‘14

*The AAN Does That:* Consortium of Neurology Residents and Fellows meeting at AAN Annual Meeting

2014 AAN Annual Meeting, Pennsylvania, PA May ‘14

*Just Like in the Old Days – PML and IRIS in MDS:* Neurology Grand Rounds, clinical case presentation

Johns Hopkins Hospital, Baltimore, MD March ‘14

*If You Haven’t Seen It, It’s New to You - CADASIL:* Neurology Grand Rounds, clinical case presentation

Johns Hopkins Hospital, Baltimore, MD March ‘13

*Common Things Being Common – AIDP in CMV:* Neurology Grand Rounds, clinical case presentation

Johns Hopkins Hospital, Baltimore, MD October ‘12

*Case of the Crimson Kippers – Listeria Meningitis:* Neurology Grand Rounds, clinical case presentation

Johns Hopkins Hospital, Baltimore, MD December ‘11

*What were we thinking?! A new paradigm in the evaluation of volition*: Science Dinner Lecture Series

HHMI-NIH Research Scholars Program, National Institutes of Health, Bethesda, MD February ‘09

**EXTRACURRICULARS**

**Solo Guitar Project – Attention April** ‘01 to Present

**“Surrational” Digital photographer/artist** ‘01 to Present

**Professional Organizations**

*AASM* ‘14 to Present

*AMA, AAN, Chapman Honor Society* ‘10 to Present

*AHMA, APSA, AAN, MDS – Junior Member, Chapman Honor Society* ‘09 to ‘10

*MDS – Junior Member* ‘08 to ‘09

**ADDITIONAL INFORMATION**

Skills: Typing – 65 wpm, Epic, CPRS, FTP, Windows, Mac OSX, Linux, Unix, iOS, Android, Microsoft Office 365, Microsoft Internet Explorer/Firefox/Chrome/Safari, Adobe Creative Suite (Photoshop, Acrobat, etc.), AFNI, MATLAB, R, shell scripting, PLINK, SNPTEST pipeline

Experience with clinical and research: polysomnography, fMRI, structural MRI, EEG, EMG/NCS, TMS, botulinum toxin injections

Languages Spoken: Spanish (moderate); Japanese (fragmentary)