

CURRICULUM VITAE
Carl W. Bazil, M.D., Ph.D.

Title: Director, Epilepsy and Sleep Division
Caitlin Tynan Doyle Professor of Neurology at CUMC
Columbia University College of Physicians and Surgeons

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Academic training:

Massachusetts Institute of Technology, S.B., 1983.

Emory University, M.S., 1987.

Emory University, Ph.D.(Pharmacology), 1989.

Thesis title: Volatile anesthetics and synaptic neurochemistry.

Sponsor: Kenneth P. Minneman, Ph.D.

Emory University, M.D., 1989.

Medical Licensure:

New York State #184430.

New Jersey #25MA07516600 (inactive)

Clinical Training:

Internal medicine resident, Emory University, July 1989- June 1990.

Neurology resident, New York University, July 1990- June 1993.

Neurology Chief Resident and Instructor, New York University, July 1992- June 1993.

Clinical fellow in epilepsy/EEG, The Neurological Institute of Columbia Presbyterian Medical Center,
Columbia University, July 1993-June 1995.

Professional Societies:

American Academy of Neurology (Fellow)

American Clinical Neurophysiology Society (Fellow)

American Epilepsy Society

American Medical Association

American Neurological Association

American Academy of Sleep Medicine

Academic appointments:

Instructor in Neurology, New York University, New York, NY 1992-3.

Postdoctoral Clinical Fellow/Assistant in Clinical Neurology, College of Physicians and Surgeons of Columbia University, New York, NY 1993-95.

Adjunct Associate Professor, Department of Pharmacy Practice, Long Island University, Brooklyn, NY 1995.

Assistant Professor of Neurology, Mount Sinai School of Medicine, New York, NY 1995-1996.

Assistant Professor of Neurology, College of Physicians and Surgeons, Columbia University, New York, NY 1996-2003.

Associate Professor of Clinical Neurology, College of Physicians and Surgeons, Columbia University, New York, NY 2003-8.

Professor of Neurology, College of Physicians and Surgeons, Columbia University, New York, NY 2008-present.

Director, Epilepsy and Sleep Division, Columbia University Department of Neurology, 2008-present

Hospital Appointments:

Assistant Attending Physician, Mount Sinai Hospital, 1995-6.

Assistant Attending Neurologist, New York Presbyterian Hospital 1996-2003

Associate Attending Neurologist, New York Presbyterian Hospital 2003-2008

Acting Director, Columbia Comprehensive Epilepsy Center, April-November 2004

Attending Neurologist, New York Presbyterian Hospital 2008-present

Director, Columbia Comprehensive Epilepsy Center, 2008-present

Grants and Awards:

Past:

NS054864.01, "Consolidation of Motor Skills and Sleep Homeostasis in Parkinson's Disease." Role: Subinvestigator, Columbia subcontract. 2006-2011, total subcontract \$442,000, 5% effort.

Open-Label Study to Assess the Safety and Tolerability of Intravenous Carbamazepine as Short-Term

Replacement for Oral Carbamazepine in Adult Patients with Epilepsy. 2012. Sponsor: Lundbeck. Role: PI

"Eszopiclone for insomnia in epilepsy," investigator initiated grant, 2007-11, sponsor: Sepracor, Inc. \$127,900.

"Effects of pregabalin on insomnia in patients with epilepsy," investigator initiated grant, 2006-10. sponsor: Pfizer, Inc. \$119,500.

NIH 1RO1NS32375-01A1, "Multicenter study of outcomes after epilepsy surgery", Columbia subcontract principle investigator, 2001-2006, \$400,000.

Columbia University Office of Clinical Trials Pilot Study Award, "Gabapentin for alcohol-induced sleep disruption", \$50,000, 2003-2004.

UCB Pharma, "Effects of Levetiracetam on Sleep in Normal Volunteers", \$107,000, 2003-4

A 7-week multicenter, randomized, double-blind, placebo-controlled, parallel group study to determine the effects of adjunctive levetiracetam on the sleep architecture of adult subjects with partial onset epilepsy receiving a first generation anti-epileptic drug. 2002-2004

"Drowsiness, sleep, and circadian rhythms in patients with temporal lobe epilepsy"

Epilepsy Foundation of America, \$40,000, July 1998-June 1999.

NIH 1RO1NS32375-01A1, "Multicenter study of outcomes after epilepsy surgery", Columbia subcontract principle investigator, 1998-2001, \$151,000.

Individual predoctoral fellow, National Institute of Mental Health; 1986-88.

Multicenter Investigational Drug/device Trials:

Current: Responsive Neurostimulator (RNS) system long-term treatment clinical investigation.
Columbia PI 2012-2016; sub-I 2016-present. Sponsor: NeuroPace.

A Double-Blind, Placebo-Controlled, Parallel-Group Study of Rufinamide Given as Adjunctive Therapy in Patients with Refractory Partial Seizures

A Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel Group Trial to Investigate the Efficacy and Safety of SPM 927 (200 mg/day, 400 mg/day, 600 mg/day) as Adjunctive Therapy in Subjects with Partial Seizures with or without Secondary Generalization. 2002-4

Stimulation of the Anterior Nucleus of the Thalamus for Epilepsy (SANTE), 2004-9

A Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel Group Trial to Investigate the Efficacy and Safety of SPM 927 (200 mg/day, 400 mg/day, 600 mg/day) as Adjunctive Therapy in Subjects with Partial Seizures with or without Secondary Generalization 2002-8 (open label follow on)

Pregabalin add-on trial: a double blind, placebo-controlled, multicenter study in patients with refractory complex partial seizures with or without secondary generalization, 1997-2006 (successfully audited by FDA 2004; no form 487 received)

Pregabalin BID Open-Label Add-on Titration Trial: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter Study in Patients With Partial Seizures, 2000 (study terminated by sponsor)

A multicenter, open-label, safety study to evaluate the use of 25 mg and 50 mg Zonegran (zonisamide) in the initiation of therapy in patients with epilepsy, 2000-2001

An open-label, multicenter study to assess the safety and effectiveness of Diastat (diazepam rectal gel) in the treatment of seizures in adults. 2000-2001.

Multicenter, double-blind, randomized, parallel group study comparing the safety and efficacy of 3,000 mg levetiracetam to 1,000 mg of valproate used as monotherapy in epileptic patients with complex partial seizures, 1999 (study terminated by sponsor).

Open label assessment of the clinical utility of Trileptal in monotherapy in patients with partial seizures, 1999-2000.

Open-label dose titration assessment of the clinical utility of a slow, low dose titration schedule of Zonegran in the initiation of therapy in patients with partial seizures, 1999-2000.

An open label, multicenter study to evaluate the safety, tolerability, and therapeutic effect of GP 47779 administered intravenously in subjects with epilepsy. 1998-99 (study terminated by sponsor)

Safety and efficacy of high versus low dose rufinamide monotherapy in patients with inadequately controlled partial seizures, 1997-2001

Pregabalin in-patient monotherapy trial: a double-blind, positive-controlled, multicenter study in patients with refractory partial epilepsy, 1997-98.

Gabapentin monotherapy for newly diagnosed patients with partial seizures, 1997-98

Cost Analysis of the Routine Use of Parenteral IM Fosphenytoin Versus IV Fosphenytoin in the Management of Seizures within the Hospital Setting", Mount Sinai Medical Center 1996.

Board Certification:

National Board of Medical Examiners, 1990

American Board of Neurology and Psychiatry #41900, 1995

Recertified 2005, 2015

Added Qualification in Clinical Neurophysiology, #993, 1999

Recertified 2011

Added Qualification in Sleep Medicine, #371, 2009

Added Qualification in Epilepsy #54, 2013

American Board of Clinical Neurophysiology, 1996

American Board of Sleep Medicine #2836, 2005

Other Professional Activities:

Epilepsy Section Editor, *Current Neurology and Neuroscience Reports*, 2003-present.

Contributing Editor, *The Medical Letter*, 2009-present.

Editorial Board, *JAMA Neurology*, 2014-present; *Epilepsy Research*, 2001-2006; *Epilepsy.com*, 2002-present.

Stroke Division Director search committee, Columbia University, 2007

Abstract reviewer, American Academy of Neurology, 2007-9.

Director of Clinical Anticonvulsant Drug Trials, Columbia University 1996-2008

Board member, American Clinical Neurophysiology Society, 2003-2006

Contributing editor, *Epilepsy Currents*, 2001-2004

Ad-hoc reviewer, *Epilepsia*, *Epilepsy & Behavior*, *Epileptic Disorders*, *Epilepsy Research*, *European Journal of Epilepsy*, *Seizure*, *European Journal of Neurology*, *Physiology and Behavior*, *Sleep*, *Journal of Clinical Sleep Medicine*, *Sleep Medicine*, *Neurology*, *Acta Neurologica Scandinavica*, *Annals of Neurology*, *Archives of Neurology*, *JAMA Neurology*, *JAMA*, *Neuropharmacology*, *British Medical Journal*, *Brain*, *Clinical Therapeutics*, *Neuroscience Letters*, *Neuropediatrics*, *Pediatrics*, *International Journal of Psychopathology*.

Examiner, American Board of Clinical Neurophysiology, 1997-2004; *Journal of the Neurological Sciences*, 2015- present.

NIH peer review panel

Grant reviewer, Citizens United for Research in Epilepsy (CURE), 2009

AAN Practice Parameter Guideline Committee on New AEDs, 2003-4.

Teaching courses:

Columbia University Medical Student Neurosciences, 2014-present

Columbia University neurology residency lectures in epilepsy and sleep, 1998-present

Columbia University clinical neurophysiology residency lectures in epilepsy and sleep, 1998-present

Columbia University Occupational Therapy Program, lectures in epilepsy 2000-2012

City University of New York, lectures in epilepsy and sleep disorders, 2006-present

Mount Sinai School of Medicine, lecture in sleep disorders, 1996-7

Trainees:

Clinical neurophysiology/epilepsy fellows (current position):

Keith Nagle, M.D. 1996-7 (University of Vermont)

Luis Castro, M.D. 1997-8 (University of Sao Paulo)

Susan Herman, M.D. 1997-1999 (Harvard University)

Alison Pack, M.D. 1998-2000 (Columbia University)

Alexandra McBride 1998-2000 (Westchester Medical Group)

Anil Mendiratta, M.D. 1999-2001 (Columbia University)

Linda Leary, M.D. (University of Texas, San Antonio)

Hyunmi Choi, M.D. 2000-2 (Columbia University)

Tina Shih M.D. 2000-2 (UCSF)

Aaron Johnson, M.D. 2001-2 (ACGME)

Catherine Schevon, M.D. 2002-4 (Columbia University)

Kelly Knupp, M.D. 2003-4 (Children's Hospital Colorado)

Derek Chong, M.D. 2004-6 ACGME (New York University)

Nathalie Jette, M.D. 2004-5 (University of Calgary)

Leonie Van Passel 2004-5 ACGME

Sheetal Malik 2004-6 (ACGME 04-05); University of Cincinnati

David Friedman, M.D. 2005-2007 (ACGME 05-06)

Peter Tai, M.D. 2005-6 ACGME, Toronto Western Hospital
Andrew Mower 2005-6 ACGME
Karine Abou-Khaled 2006-7 ACGME Beirut
Sudha Kilaru 2006-7 ACGME
Zarya Rubin 2006-7 ACGME (UCB Pharma)
Sean Hwang, M.D. 2006-2008 (Assistant Professor, Long Island Jewish)
Mill Etienne, M.D. 2006-2009 Walter Reed Hospital
Nishi Rampal M.D. 2007-8 (continuous EEG)
Danielle McBrian, M.D. 2007-2009 Columbia University
Sara Inati, M.D. 2007-2009 NIH
Alfred T. Frontera, M.D.; 2007-2009 University of South Florida
Elizabeth Gerard, M.D. 2007-2009 (Northwestern University)
Daniel Freidman M.D. 2008-2010 (New York University)
Kim Pargeon M.D. 2009-11 Cornell University
Jeremy Moeller 2009-11 Yale University
Maja Ilic 2010-11 (ACGME)
Jay Varma 2010-12 Barrow Neurological Institute
Heidi Munger-Clary 2011-13: Wake Forest University
Andres Rodriguez-Ruiz 2012-14: Emory University
Robert Connors 2012-2014: private practice
Cynthia Correll 2012-2014: Geisinger Health System
Suda Jirasakuldej 2013-14 (ACGME)
Alexis Dallara (ACGME) 2014-2015
Nicole Odom 2013-2015
Amy Jongeling 2013-2015 (NYU)
Deepti Anbarasen 2015-16 (Columbia)
Manisha Gupte Holmes 2014-16 (NYU)

Medical student research:

Jesse Thon, 2011-12, Effects of seizures on sleep and learning.
Andrew Rose, Jun-August 2001; Rose AB, McCabe PH, Gilliam FG, Smith BJ, Boggs JG, Ficker DM, Moore JL, Passaro EA, Bazil CW; for the Consortium for Research in Epilepsy (CoRE). Occurrence of seizure clusters and status epilepticus during inpatient video-EEG monitoring. *Neurology* 2003;60:975-978.
Courtney Coursey, June-August 2000, Analysis of the effects of new antiepileptic drugs on EEG activity in patients with diagnosed epilepsy
Christopher Anderson, June-August 1999, effects of status epilepticus on sleep.

Sc.D.

Tzena Smith, 2009 (Tulane University School of Public Health and Tropical Medicine; “Determinants of health system utilization in a national sample of patients with epilepsy.”)

Media appearances

Reuters RE jet lag, June 29, 2016: <http://www.reuters.com/video/2016/06/29/how-snoring-can-kill-you?videoId=369113885&videoChannel=118240>

Reuters RE sleep apnea, June 17, 2016: <http://www.reuters.com/video/2016/06/16/how-to-beat-jet-lag?videoId=368945407&videoChannel=118240&channelName=Health+Watch>

The Today Show, “Are you an elite sleeper?” April 6, 2016: <http://www.today.com/video/are-you-an-elite-sleeper-why-some-people-are-healthy-with-4-or-5-hours-of-sleep-660010563718>

Fox News, New York RE peripheral nerve stimulators for insomnia. February 1, 2016
<http://mms.tveyes.com/MediaCenterPlayer.aspx?u=aHR0cDovL21lZGhhY2VudGVyLnR2ZXllcy5jb20vZG93bmxvYWFnYXRld2F5LmFzcHg%2FVXNlckIEPTMzNTMwMiZNRREIPTU3MzgZnZUmTU RTZWVkpTgxNzYmVHlwZT1NZWRpYQ%3D%3D>

CBS news, New York RE sleeping times for children, September 14, 2015:
[http://67.214.100.182/Player?ClipId=S,201509,80E8BF33-FFF1-4609-88B0-1602036B271C&ReqServer=NDS7\NDS7&QueryName=NY%20Presbyterian&Offset=3403&rai=28ed7e79-0312-4df0-b718-6fca4286e2e8&ran=360%20mediawatch&roi=28ed7e79-0312-4df0-b718-6fca4286e2e8&ron=360%20mediawatch&run=&rut=0&E=12gl27HY27zYi7lc2WJfr7JchWy72i&Time=12gf\(74fHi4S\(74f\(74f\(74lb7xf\(74frj&Related=Pv_3&pbp=Y](http://67.214.100.182/Player?ClipId=S,201509,80E8BF33-FFF1-4609-88B0-1602036B271C&ReqServer=NDS7\NDS7&QueryName=NY%20Presbyterian&Offset=3403&rai=28ed7e79-0312-4df0-b718-6fca4286e2e8&ran=360%20mediawatch&roi=28ed7e79-0312-4df0-b718-6fca4286e2e8&ron=360%20mediawatch&run=&rut=0&E=12gl27HY27zYi7lc2WJfr7JchWy72i&Time=12gf(74fHi4S(74f(74f(74lb7xf(74frj&Related=Pv_3&pbp=Y)

HCP Live MD Coverage of American Academy of Neurology annual meeting April 18-25, 2015:
<http://www.hcplive.com/conference-coverage/aan-2015/QandA-With-Carl-Bazil-MD-PhD-FAAN-of-Columbia-University-Latest-Epilepsy-Medical-Treatments;>
<http://www.hcplive.com/conference-coverage/aan-2015/QandA-With-Carl-Bazil-MD-PhD-FAAN-of-Columbia-University-When-is-Surgery-the-Best-Treatment-for-Epilepsy;>
<http://www.hcplive.com/conference-coverage/aan-2015/QandA-With-Carl-Bazil-MD-PhD-FAAN-of-Columbia-University-Diagnosing-Epilepsy-and-Finding-the-Right-Medication;>
<http://www.hcplive.com/conference-coverage/aan-2015/QandA-With-Carl-Bazil-MD-PhD-FAAN-of-Columbia-University-Finding-Alternative-Treatments-for-Epilepsy>

CNN “Be a champion” RE sleep, December 10, 2014
http://www.cnn.com/interactive/2014/12/specials/dhani-jones-be-a-champion/?hpt=hp_c3#sleep
Today Show RE sleep, November 10, 2014, <http://www.today.com/video/today/56397727#56397727>
and November 13, 2014 <http://www.today.com/video/today/56416357#56416357>

The Today Show, “Snooze or lose.” November 10, 2014: <http://www.today.com/video/today/56397727>
and November 13, 2014: <http://www.today.com/video/today/56416357>

CBS 11 o’clock News RE sleep learning. September 19, 2014.
NY1 regarding sleep apnea, August 22, 2014.
http://www.ny1.com/content/lifestyles/healthy_living/214217/often-overlooked-sleep-apnea-can-lead-to-health-problems/

KCBS radio San Francisco RE ASMR and insomnia, August 5, 2014.
Tbs eFM This Morning, Seoul, Korea regarding sleep deprivation effects of the Word Cup, June 23, 2014. <https://itunes.apple.com/kr/podcast/tbs-efm-this-morning/id564557750?mt=2>
WNBC news, “Clock your sleep project.” <http://www.nbcnewyork.com/video/#!/on-air/as-seen-on/Survey-Looks-to-Clock-Your-Sleep/261313871> and “Campaign for better sleep”
<http://www.nbcnewyork.com/video/#!/on-air/as-seen-on/Campaign-for-Better-Sleep-in-NYC/259591941> May 2014.

WNYC, The Brian Lehrer Show, “Clock your sleep: Adults.” April 23, 2014,
<http://www.wnyc.org/story/clock-your-sleep-adults/>

WNYC, The Brian Lehrer Show, “Family meeting: Sleep.” April 2, 2014,
<http://www.wnyc.org/story/the-brian-lehrer-show-2014-04-02/>

CBS evening News, “Insomnia may be a 24 hour condition.” April 1, 2014,
<http://newyork.cbslocal.com/2014/04/01/seen-at-11-insomnia-may-be-a-24-hour-condition-research-shows/>

CBS evening News, “position yourself for a good night’s sleep.” March 24, 2014,
<http://newyork.cbslocal.com/2014/03/24/seen-at-11-position-yourself-for-a-good-nights-sleep/>

CBS This Morning regarding sleeping pill risks, February 28, 2012 http://www.cbsnews.com/8301-505269_162-57386446/new-study-finds-big-risk-for-sleeping-pills/?tag=hdr;cnay

WNYC (National Public Radio, New York affiliate), The Brian Lehrer Show, “The science of subway sleeping”, December 13, 2011 <http://audio.wnyc.org/bl/bl121311fpod.mp3>

Podcast regarding retigabine 9-20-10:
http://professionals.epilepsy.com/page/hallway_2010_podcasts.html

NY1 News, “The science of sleep: Rising tide of sleep meds battles widespread insomnia.” March 17, 2010,” March 15, 2010; <http://www.ny1.com/content/news/115345/the-science-of-sleep--rising-tide-of-sleep-meds-battles-widespread-insomnia/>

NY1 News, “The science of sleep: Exhaustion not unusual in NYC.” March 15, 2010,
<http://manhattan.ny1.com/content/115211/the-science-of-sleep--exhaustion-not-unusual-in-nyc/>

WPIX-TV News, Catching up on lost sleep? Nearly impossible. February 3, 2010;

New York One, Gene for benign rolandic epilepsy, 1-28-09:
http://www.ny1.com/content/ny1_living/health/92982/researchers-find-gene-linked-to-epilepsy/Default.aspx
http://www.vmsdigital.com/download/012609/SNY025898_01.WMV

New York One, “Yoga classes now offer power naps,” 1-27-09:
http://www.ny1.com/content/ny1_living/health/92894/yoga-classes-now-offer-power-naps/Default.aspx

Martha Steward Radio, “Sleep Awareness Week.” March 3, 2008.

WNYC (National Public Radio, New York affiliate), The Leonard Lopate Show, “Insomnia”, November 9, 2007

60 minutes, “I am a U.S. soldier” (regarding his epilepsy); CBS, November 3, 2004

Media quotes

The Guardian RE night mild as a sleep aid. December 15, 2015,
http://www.theguardian.com/lifeandstyle/2015/dec/15/night-milk-milk-cows-night-sleep-aid-you-need#_

NYMag.com RE sleep starts, September 24, 2015, <http://nymag.com/thecut/2015/09/why-do-i-jerk-awake-right-as-im-falling-asleep.html>

Mic.com, “The science behind why we should all be taking naps at work.” September 2015,
<http://mic.com/articles/126102/naps-at-work-increase-productivity>

Men’s Fitness, “Why am I always tired?”, July 31, 2015
<http://www.mensfitness.com/life/entertainment/why-am-i-always-tired>

VanWinkles, “Hoarders can’t hoard sleep”, June 24, 2015, <https://vanwinkles.com/hoarder-s-can-t-hoard-sleep-study-shows#.VYrTFQsMZxY.gmail>

Prevention, “5 scary signs sleep loss is messing with your mind.” October 31, 2014,
<http://www.prevention.com/health/health-concerns/effects-insomnia-and-sleep-deprivation-your-brain>

Women’s Health, “What to do when you can’t freaking sleep.” September 18, 2014.
<http://www.womenshealthmag.com/health/cant-sleep>

Women’s Health, “The very real dangers of taking sleeping pills.” August 15, 2014.
<http://www.womenshealthmag.com/health/sleeping-pill-dangers>

New York Times, “Rustle, tingle, relax: The compelling world of ASMR. July 29, 2014;
http://well.blogs.nytimes.com/2014/07/28/rustle-tingle-relax-the-compelling-world-of-a-s-m-r/?_php=true&_type=blogs&_php=true&_type=blogs&_r=1

New York Times, "Taking a restful position." January 27, 2014,
http://www.nytimes.com/2014/01/28/science/taking-a-restful-position.html?_r=1

New York Times, "A mental alarm clock." January 14, 2014 :
http://www.nytimes.com/2014/01/14/science/a-mental-alarm-clock.html?_r=0

Reuter's Health. Poor sleep tied to kid's lower academic performance. August 16, 2013
<http://reut.rs/14VZwRg>

Prevention April 2013, "8 New Mistakes that Mess Up Your Sleep.

<http://www.prevention.com/health/sleep-energy/8-sleep-problems-explain-why-youre-tired-all-time>

US News & World Report, "Experimental insomnia drug shows promise." 2012:

<http://health.usnews.com/health-news/news/articles/2012/11/28/experimental-insomnia-drug-shows-promise>

<http://blogs.marketwatch.com/encore/2012/11/16/the-true-cost-of-sleeplessness/>

<http://www.foxnews.com/science/2012/11/21/mystery-substance-discovered-in-brain/>

Wall Street Journal, "The true cost of sleeplessness." November 16, 2012;

<http://blogs.marketwatch.com/encore/2012/11/16/the-true-cost-of-sleeplessness/>

New York Times, "To sleep on the subway. Maybe, but to dream/ Poor chance." December 7, 2011,

http://www.nytimes.com/2011/12/08/nyregion/to-sleep-on-the-subway-maybe-but-to-dream-poor-chance.html?_r=2 (also covered by Village Voice and ABC News)

Publications

1. Choi H, Hayat MJ, Hirsch LJ, Bazil CW, Mendiratta A, Kato K, Javed A, Legge AW, Buchsbaum R, Resor S, Heiman GA. Drug-resistant epilepsy in adults: Outcome trajectories after failure of two medications. *Epilepsia* 2016 e-pub. PMID: 27265407
2. Jongeling A, Richins R, Bazil CW. Safety and tolerability of an oral zonisamide loading dose. *Seizure* 2015; 32:69-71.
3. Javed A, Cohen B, Detyniecki K, Hirsch LJ, Legge A, Chen B, Bazil C, Kato K, Buchsbaum R, Choi H. Rates and predictors of patient-reported cognitive side effects of antiepileptic drugs: An extended follow-up. *Seizure*. 2015 Jul;29:34-40.PMID:26076842
4. Jongeling AC, Bazil CW, Claassen J. Status Epilepticus: Redefined or Increasingly Detected? *JAMA Neurol*. 2015 Jun 1;72(6):631-3 PMID:25915727
5. Foreman B, Westwood AJ, Claassen J, Bazil CW. Sleep in the neurological intensive care unit: feasibility of quantifying sleep after melatonin supplementation with environmental light and noise reduction. *J Clin Neurophysiol*. 2015 Feb;32(1):66-74 PMID:25647773
6. Tu B, Hirsch LJ, Bazil CW, Hamberger MJ, Assassi N. Quantitative EEG is an objective, sensitive and reliable indicator of transient anesthetic effects during Wada Tests. *J Clin Neurophysiol* 2015; 32:152-8.
7. Correll CM, Bazil CW. Management of seizures in the elderly. *Curr Geri Rep* 2014 3:73-82.
8. Heck CN; King-Stephens D; Massey AD; Nair DR; Jobst BC; Barkley GL; Salanova V; Cole AJ; Smith MC; Gwinn RP; Skidmore C; Van Ness PC; Bergey GK; Park YD; Miller I; Geller E; Rutecki PA; Zimmerman R; Spencer DC; Goldman A; Edwards JC; Leiphart JW; Wharen RE; Fessler J; Fountain NB; Worrell GA; Gross RE; Eisenschenk S; Duckrow RB; Hirsch LJ; Bazil, C O'Donovan CA; Sun FT; Courtney TA; Seale CG; Morrell MJ. Two-year seizure reduction in adults with medically intractable partial onset epilepsy treated with responsive neurostimulation: final results of the RNS System Pivotal trial. *Epilepsia*. 55(3):432-41, 2014
9. Hamid H; Blackmon K; Cong X; Dziura J; Atlas LY; Vickrey BG; Berg AT; Bazil CW Langfitt JT; Walczak TS; Sperling MR; Shinnar S; Devinsky O. Mood, anxiety, and incomplete seizure control affect quality of life after epilepsy surgery. *Neurology*. 82(10):887-94, 2014
10. Brown FC, Westerveld M, Langfitt JT, Hamberger M, Hamid H, Shinnar S, Sperling MR, Devinsky O, Barr W, Tracy J, Masur D, Bazil CW, Spencer SS. Influence of anxiety on memory performance in temporal lobe epilepsy. *Epilepsy & Behavior* 2014; 31:19-24.
11. Rektor I, Schachter SC, Arzy S, Baloyannis SJ, Bazil C et al. Epilepsy, behavior, and art (Epilepsy, Brain, and Mind, part 1). *Epilepsy & Behavior* 2013.
12. Di Rocco , Loggini A, Di Rocco M, Di Rocco P, Rossi R, Gimelli G, Bazil C. Paradoxical Worsening Of Seizure Activity With Pregabalin In An Adult With Isodicentric 15 (IDIC-15) Syndrome Involving Duplications Of The GABRB3, GABRA5 And GABRG3 Genes. *BMC Neurology* 2013; 13:43.
13. Bazil CW, Dave J, Cole J, Stalvey J, Drake E. Pregabalin increases slow-wave sleep and may improve attention in patients with partial epilepsy and insomnia. *Epilepsy & Behavior* 2012; 23:422-5.
14. Boden-Albala B, Roberts ET, Bazil C, Moon Y, Elkind MS, Rundek T, Paik MC, Sacco RL. Daytime sleepiness and risk of stroke and vascular disease: findings from the Northern Manhattan Study (NOMAS). *Circ Cardiovasc Qual Outcomes* 2012; 5:500-7.
15. Bazil CW. Epilepsy surgery: still underutilized after all these years. *Curr Neurol Neurosci Rep* 2012; 12:348-9.

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Invited Lectures/CME

American Academy of Neurology annual meeting, Emerging therapies in Epilepsy course, director, April 19, 2016, Vancouver

Rubin Museum, “Parasomnias” with author Elizabeth Hand, April 1, 2016, New York

American Academy of Neurology annual meeting, Therapeutics of Epilepsy course, director March 16, 2013, San Diego; May 3 2014, Philadelphia; April 20, 2015, Washington

Update on Somatization at the mind-body interface: Differential diagnosis and treatment. “Psychogenic seizures as a paradigm: Differential diagnosis and entrée to treatment. July 19, 2014, New York.

International Clinical Neurophysiology Conference. Technical advances in EEG: Ambulatory, remote, and chronic intracranial EEG monitoring” and “Impact of sleep and sleep disorders on patients with epilepsy.” April 17, 2014, Antalya, Turkey.

Medica conference, “Advances in the treatment of refractory epilepsy.” April 15, 2014, Istanbul, Turkey.

Wilbert Jeffry-Smith Wilson Distinguished lecture, Association of Consultant Physicians of Jamaica Annual Symposium. “Sleep, memory, and epilepsy.” September 15, 2013, Kinston, Jamaica.

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Sleep Rounds, Montefiore Medical Center. “Sleep disorders in neurology. April 30, 2013, New York.

Neurology Grand Rounds, Cornell University. “Sleep and memory: Implications for epilepsy.” February 20, 2013, New York

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American Academy of Sleep Medicine Interpreting Sleep Studies Course, “Neurologic PSG interpretation: seizure disorders” and “Neurologic PSG interpretation: Non-seizure disorders”, October 23-24, 2010; September 23-24, 2011; September 28-29, 2012; Darien, IL

Neurology Grand Rounds, Saint Lukes/ Roosevelt Hospital, “Sleep Disorders in Neurology”, September 12, 2012, New York.

PriMed Internal Medicine Review course. “Insomnia: Beyond the zolpidem prescription.” June 22, 2012, New York.

American Academy of Neurology annual meeting, epilepsy course, “My patient is seizure free – now what?” April 14, 2008, Chicago; April 2009, Seattle; April 12, 2010, Toronto; April 15, 2011, Honolulu; April 22, 2012, New Orleans.

Epilepsy, Brain, Mind Symposium, “Impact of seizures on sleep and memory.” Prague, Czech Republic, March 22, 2012.

Hong Kong Neurological Society Annual Meeting, “Sleep and Epilepsy”; October 29, 2011, Hong Kong

Hong Kong Epilepsy Society Workshop, “Clinical aspects of polysomnography and MSLT” and “REM sleep disorder”; October 28, 2011, Hong Kong

Columbia University, Annual Update and Intensive Review of Internal Medicine. “Sleep disorders”, July 28, 2011; August 12, 2010; July 25, 2008, New York.

Columbia University Pediatric Neurology Grand Rounds. “Sleep and sleep disorders in children.” June 24, 2011, New York.

Columbia University Neurology Grand Rounds, “Sleep, sleep disorders, and memory.” May 25, 2011, New York

American Academy of Neurology annual meeting, sleep course, “Sleep and memory”, April 15, 2011, Honolulu.

Valley Hospital Epilepsy Symposium, “Epilepsy and sleep: Diagnostic and therapeutic considerations.” October 27, 2010, Ridgewood, NJ

Middle East Epilepsy and Neurology Update, “AEDs and sleep” and “Generic AEDs for epilepsy: Pros and Cons”, October 15-16, 2010, Sharm el Sheikh, Egypt.

Neurology Grand Rounds, Cornell University, “Sleep Disorders in Neurology”, September 29, 2010, New York.

American Academy of Neurology annual meeting, sleep course, “Sleep and epilepsy” April 2009, Seattle; April 11, 2010, Toronto

Epilepsy, Brain, and Mind Symposium, “Sleep: Influences on memory in epilepsy.” Prague, March 19, 2010.

Neurology Grand Rounds, Methodist Hospital, “Sleep and Epilepsy”, April 23, 2009, New York.

Neurology Grand Rounds, New York University, “Sleep Disorders in Neurology”, April 21, 2009, New York.

Columbia University Neurology Grand Rounds, “Practical issues in anticonvulsant therapy.” February 18, 2009, New York.

Sleep 2008, Interface of neurology and sleep course. “Sleep and epilepsy.” June 8, 2008, Baltimore.

MS Center of New York, Grand Rounds, “Sleep disorders in neurology”, May 28, 2008, New York

Medical College of Wisconsin Neurology Grand Rounds, “Sleep disorders in Neurology,” April 11, 2008, Milwaukee, WI

Westchester Medical Center Neurology Grand Rounds, “Practical issues in Epilepsy,” April 2, 2008, Valhalla, NY

Portuguese Epilepsy Society annual meeting, “Sleep and Epilepsy”, March 7, 2008, Lisbon, Portugal

SUNY Downstate Neurology Grand Rounds, “Sleep disorders in neurological diseases.” October 19, 2007, Brooklyn, New York

New York Medical College Symposium, Update on Epilepsy in Adults with Disabilities; “Intercation between sleep an epilepsy and the effective management of both. October 17, 2007, Valhalla, New York

Medical University of South Carolina Epilepsy Grand Rounds, “Sleep and epilepsy,” October 15, 2007, Charleston, North Carolina

North Shore Hospital Neurology Grand Rounds, “Sleep disorders in neurological diseases.” October 5, 2007, Manhasset, New York

International Epilepsy Congress Symposium, “The Joy of Sleep”; chairman and lecturer, “Better nights for Better Days in Epilepsy.” July 9, 2007, Singapore.

Columbia University Neurology Grand Rounds, “Sleep disorders in neurological diseases.” June 20, 2007, New York.

University of North Carolina Neurology Grand Rounds, “Sleep and Epilepsy.” March 28, 2007, Chapel Hill, NC

Long Island University College of Pharmacy and Health Sciences CME, “Epilepsy.” March 4, 2007, New York.

Beth Israel Neurology Grand Rounds, “Sleep and Epilepsy.” March 2, 2007, New York.

Columbia University Department of Pediatric Neurology Grand Rounds. “Sleep and sleep disorders in children.” January 12, 2007, New York

Saint Vincent's Hospital, Department of Psychiatry Grand Rounds. "Sleep disorders in neurological diseases." December 14, 2006, New York.

Asian-Oceanic Epilepsy Congress. "Epilepsy Treatment in the U.S.A." November 18, 2006, Kuala Lumpur, Malaysia.

University of Utah, Neurology and Neurosurgery Grand Rounds, "Sleep and Epilepsy." October 25, 2006, Salt Lake City.

University of Lisbon, Sleep and Neurological Disorders Course, "Sleep and Epilepsy." September 29, 2006, Lisbon, Portugal.

UK Chapter, International League Against Epilepsy Annual Meeting, "Effects of AEDs on sleep and sleep apnoea on epilepsy." September 20, 2006, Newcastle-Upon-Tyne, United Kingdom.

Albert Einstein School of Medicine, Department of Neurology Grand Rounds, "Update on Epilepsy", May 12, 2006, Philadelphia.

SUNY Downstate, Neurology Grand Rounds, "Sleep disorders in neurological diseases", January 20, 2006, New York

Basic & Clinical Neurosciences Course, Columbia University; yearly lectures on chronobiology and antiepileptic drugs, 1998-2006, New York.

Epilepsy Awareness Day, Columbia University, "Sleep and Epilepsy", November 5, 2005, New York

American Academy of Neurology Fall Conference, "Update on Epilepsy", October 30, 2005, Philadelphia.

International Epilepsy Congress, "Effects of AEDs on Sleep", August 31, 2005, Paris.

Update on Epilepsy and Sleep Disorders; "Sleep disorders in neurological disease", "Real-world differences between antiepileptic drugs", May 14, 2005, New York.

Columbia University Epilepsy Awareness Day, November 6, 2004, "Sleep and Epilepsy", New York, NY

Examining neurologic disease thorough the lens of sleep disorders. "Comorbid sleep and seizure disorders." November 13, 2004, Los Angeles; November 20, 2004, Boston, January 15, 2005, Dallas.

Neurosurgery Grand Rounds, "Sleep deprivation and fatigue in medicine." Columbia University, November 4, 2004, New York, NY

Columbia University CME Program, "Sleep Disorders in Neurologic Diseases." October 30, 2004, Tarrytown, NY.

Neurology Grand Rounds, "Sleep Disorders in Neurologic Diseases." September 8, 2004, New York Medical College, Valhalla, NY.

Pediatric Neurology Grand Rounds, “Sleep and sleep disorders in children.” August 23, 2004, Columbia University, New York, NY

Neurology Grand Rounds, “Sleep deprivation and fatigue in medicine.” Columbia University, June 23, 2004, New York, NY

Connecticut Neurological Society Annual Meeting, “Parasomnias and Epilepsy. June 18, 2004, Hartford, CT

American Epilepsy Foundation symposium, “AEDs, seizures, and sleep.” Boston, MA December 9, 2003.

National Epifellows Foundation, “Sleep and Epilepsy.” Boston, MA, December 5, 2003

Recent Advances in Neurosciences, “Neural networks in sleep and epilepsy.” American Hospital, Istanbul, Turkey, November 20, 2003.

Recent Advances in Neurosciences, “Use of new anticonvulsant drugs in epilepsy and other conditions.” American Hospital, Istanbul, Turkey, November 20, 2003.

Neurology Grand Rounds, “Sleep Disorders in Neurologic Diseases.” November 7, 2003, Beth Israel Hospital, New York, NY.

American Academy of Neurology Fall Conference, “Update on Epilepsy.” October 24, 2003, New Orleans, LA

25th International Epilepsy Congress, “Comprehensive care of patients with epilepsy: Control, comorbidity, cost.” October 15, 2003, Lisbon, Portugal

7th Annual Epilepsy Symposium, “Effects of sleep on epilepsy.” Presbyterian Hospital of Texas, Dallas, TX, September 27, 2003

Neurology Grand Rounds, “Beneficial and adverse effects of anticonvulsant drugs.” New York University, New York, NY, June 24, 2003.

Neurology Grand Rounds, “Beneficial and adverse effects of anticonvulsant drugs.” Brookdale Hospital, Brooklyn, NY, April 11, 2003.

Neurology Grand Rounds, “Sleep Disorders in Neurology.” Columbia University, New York, NY January 8, 2003.

Neurology Grand Rounds, “Beneficial and adverse effects of anticonvulsant drugs.” New York Medical College, Valhalla, NY, December 18, 2002.

Neurology Grand Rounds, “Beneficial and adverse effects of anticonvulsant drugs.” North Shore Hospital, Manhasset, NY, November 8, 2002

Columbia Epilepsy Awareness Day, “Medicamentos antiepilépticos y cirugía para epilepsia” and “The latest in antiepileptic drug treatments.” New York, November 2, 2002.

Epilepsy: Practical Integrated Curriculum, Boston, May 14, 2002.

Epilepsy: Practical Integrated Curriculum, West Orange, NJ, May 8 2002.

Epilepsy Grand Rounds, “Beneficial and adverse effects of anticonvulsant drugs.” United Hospital, Minneapolis, MN, April 23, 2002.

Epilepsy Grand Rounds, “Beneficial and adverse effects of anticonvulsant drugs.” MINCEP, Minneapolis, MN, April 23, 2002.

Medicine Grand Rounds, Harlem Hospital, “Anticonvulsant Use in Epilepsy and Other Conditions.” New York, March 5, 2002.

Pediatric Neurology Grand Rounds, Columbia University, “Sensible use of new (and older) anticonvulsant drugs.” New York, February 12, 2002.

Pfizer National Symposium on Epilepsy, “The importance of sleep in the epileptic patient”, Barcelona, Spain, January 25, 2001

Merritt-Putnam Symposium, “Sleep and Epilepsy”, New York, October 6, 2001.

Lamictal 10th Anniversary Symposium, “Lamictal: For a good night’s sleep.” Amsterdam, September 8, 2001.

24th International Epilepsy Congress, Merritt-Putnam Symposium, “Beneficial and adverse effects of AEDs on sleep.” Buenos Aires, Argentina, April 15, 2001.

Workshop on Antiepileptic Drug Monotherapy Indications, NIH/NINDS, “Can these trials be done in the current climate?” Rockville, MD, March 8, 2001.

Neurology Grand Rounds, Temple University, “Optimal use of eight new (plus a few old) drugs for epilepsy. March 2, 2001, Philadelphia

Neurology Grand Rounds, Emory University, “Epilepsy and disorders of sleep and melatonin”, Atlanta, GA, January 12, 2001.

American Epilepsy Society Annual Meeting, Sleep Section, “Effects of antiseizure drugs on sleep”, Los Angeles, CA December 3, 2000.

Neurology Grand Rounds, Medical College of Virginia, “Sleep and Epilepsy”, Richmond, VA October 27, 2000

Psychiatry Grand Rounds, Kingsborough Psychiatric Center, “Pharmacology of Antiseizure Drugs”, Brooklyn, NY September 26, 2000.

Neurology Grand Rounds, Columbia University, “Optimal use of eight new (plus a few old) drugs for epilepsy. September 20, 2000, New York

Merritt Putnam Lectures on Epilepsy, “Optimal use of anticonvulsant drugs”, September 16, 2000, New York NY

Visiting Professor, Maine Medical Center, “Anticonvulsants After Lamictal” and “Classification and Consequences of Status Epilepticus”, June 28-29, 2000, Portland, Maine

Epilepsy Monitoring: The State of the Art, “Identification of patients for nonlesional epilepsy surgery”, May 19, 2000, White Plains, NY

Brain Attacks, Continuing education course for EMTs and paramedics, “Seizures and status epilepticus”, May 18, 2000, New York, NY

Department of Neurology Grand Rounds, New York Medical College, “Sleep and Epilepsy”, March 15, 2000, Valhalla, NY.

Department of Medicine Grand Rounds, New York Downtown Hospital, “Pathophysiology of Sleep Disorders”, March 14, 2000, New York, NY.

Department of Emergency Medicine Grand Rounds, Columbia University College of Physicians and Surgeons, “Acute Seizure Management”, February 2, 2000, New York, NY

Visiting Professor, Eastern Maine Medical Center, “Sleep Disorders in Epilepsy” and “Classification and Consequences of Status Epilepticus”, December 15-16 1999, Bangor, Maine

Merritt Putnam Lectures on Epilepsy, “Sleep Disorders in Epilepsy”, September 25, 1999, New York NY

Epilepsy Foundation of Southern New York Consumer Conference, “Antiepileptic Drug Therapy”, April 10, 1999

Eastern EEG Society, “Classification of Sleep Disorders”, March 12 1999, New York NY

Merritt Putnam Lectures on Epilepsy, “Special Considerations for Women with Epilepsy”, March 6, 1999, Chicago IL

Merritt Putnam Lectures on Epilepsy, “An Update on the Treatment of Status Epilepticus”, October 31 1998, Seattle WA

University of Tennessee, “Classification and Consequences of Status Epilepticus”, August 15, 1998, Memphis TN

Second Russian-American Symposium of the Clinical and Social Aspects of Epilepsy, “Sleep and Epilepsy, July 6, 1998, St. Petersburg, Russia

Merritt Putnam Lectures on Epilepsy, “Special Considerations for Women with Epilepsy”, May 9 1998, Kansas City MO

Mount Sinai School of Medicine Neurology Grand Rounds, “Sleep and Epilepsy”, March 2 1998, New York NY

Columbia University Neurology Grand Rounds, “Sleep and Epilepsy”, February 4 1998, New York NY

Carl W. Bazil, M.D., Ph.D.

Merritt Putnam Lectures on Epilepsy, “Recent Advances in the Diagnosis and Treatment of Epilepsy”, October 18 1998, New York NY

Merritt Putnam Lectures on Epilepsy, “Update on the Use of Phosphenytoin”, July 20 1997, Quebec City, Quebec

Merritt Putnam Lectures on Epilepsy, “Current Decisions in Treatment Options: Finding a Place for the Newer AEDs”, June 7 1997, Rochester NY

SUNY Brooklyn Neurology Grand Rounds, “Surgical Treatment of Epilepsy”, February 28 1997, New York NY