



February 2019 News

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DONATIONS

We are pleased to announce that Medtronic has given WIKISTIM a grant that will go a long way toward helping us meet our goals of growing and improving WIKISTIM.

We are also grateful for individual donations in 2018 from our at-large editor and NANS President, B. Todd Sitzman, MD, MPH, and from our editor-in-chief, Richard B. North, MD.

NANS HONORS OUR EDITOR-IN-CHIEF WITH AWARD

At its annual meeting in January, the North American Neuromodulation Society (NANS) recognized the contributions to the field of WIKISTIM editor-in-chief, [Richard B. North, MD](#), with its 2019 Distinguished Service Award. This comes a decade after Dr. North received the NANS Lifetime Achievement Award. Since Dr. North shows no signs of slowing down, will NANS have to come up with a new award in 2029?

WHO ARE WE?

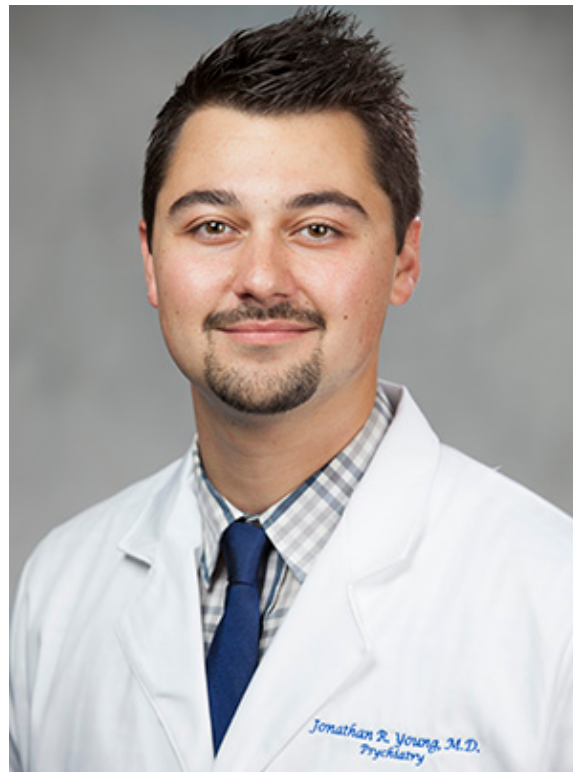
Several months ago, we began highlighting a member of our editorial board in each newsletter. The list of board members at the end of this email includes hyperlinks to the newsletter where each board member was featured. This month, we are happy to introduce Jonathan Young, MD, our noninvasive brain stimulation section editor.

Jonathan R. Young, MD is a PGY-3 resident physician in the Department of Psychiatry & Behavioral Sciences at Duke University School of Medicine. He completed medical school at Stony Brook University School of Medicine in 2016 and received his undergraduate degree from New York University, College of Arts & Science, in 2010.

Dr. Young was born and raised in Seneca Falls, NY, by parents who emigrated from Belgium. His late father, Robert B. Young, MD, was a neuropsychiatrist and inventor who inspired his son to pursue medicine and conduct research in the field of neuromodulation.

As an undergraduate and later as a medical student, Dr. Young founded a startup company to further develop his father's patented device for non-invasive deep brain stimulation. This work led to a research assistant position at Dr. Thomas Thesen's Cognitive Neurophysiology Laboratory at NYU where Dr. Young conducted neuroimaging (fMRI) research. In 2015, he became a visiting graduate student in the Brain

Stimulation Clinic & Research Program of S. Holly Lisanby, MD, at Duke, where he coordinated two multi-center clinical trials in transcranial direct current stimulation (tDCS) and deep transcranial magnetic stimulation (TMS). Most recently, he has been working in the Opti Lab of L. Greg Appelbaum at Duke, where he has been expanding applications of tDCS, including the enhancement of motor learning in a surgical skills training task.



Dr. Young's main research focus is in the development of novel applications of non-invasive brain stimulation (NIBS) modalities in psychiatry, addiction, and pain management. He is most interested in clinical trials of NIBS technologies, including those addressing the country's opioid epidemic. He has published peer-reviewed articles, abstracts, and conference papers related to his work in neuromodulation.

We were delighted to meet Dr. Young at NANS, which honored him with a travel award. Dr. Young's enthusiasm for a noninvasive brain stimulation section has led us to reconsider all of our data fields, which is a lengthy process but will result in an improved WIKISTIM user experience.

FEBRUARY 2019 STATISTICS

***New this month: Most clicked PUBMED links in last month's newsletter**

1. Vaganée D, Kessler TM, Van de Borne S, De Win G, De Wachter S. Sacral neuromodulation using the standardized tined lead implantation technique with a curved vs a straight stylet: 2-year clinical outcomes and sensory responses to lead stimulation. *BJU Int* 2018 epub <https://www.ncbi.nlm.nih.gov/pubmed/30537223>
2. North RB, Shipley J. WIKISTIM.org: an on-line database of published neurostimulation studies. *Neuromodulation* 2018 21(8):828-836 <https://www.ncbi.nlm.nih.gov/pubmed/30489670>
3. Duarte RV, Thomson S. Trial versus no trial of spinal cord stimulation for chronic neuropathic pain: cost analysis in United Kingdom National Health Service. *Neuromodulation* 2018 epub <https://www.ncbi.nlm.nih.gov/pubmed/30536992>
4. Duse G, Reverberi C, Dario A. Effects of multiple waveforms on patient preferences and clinical

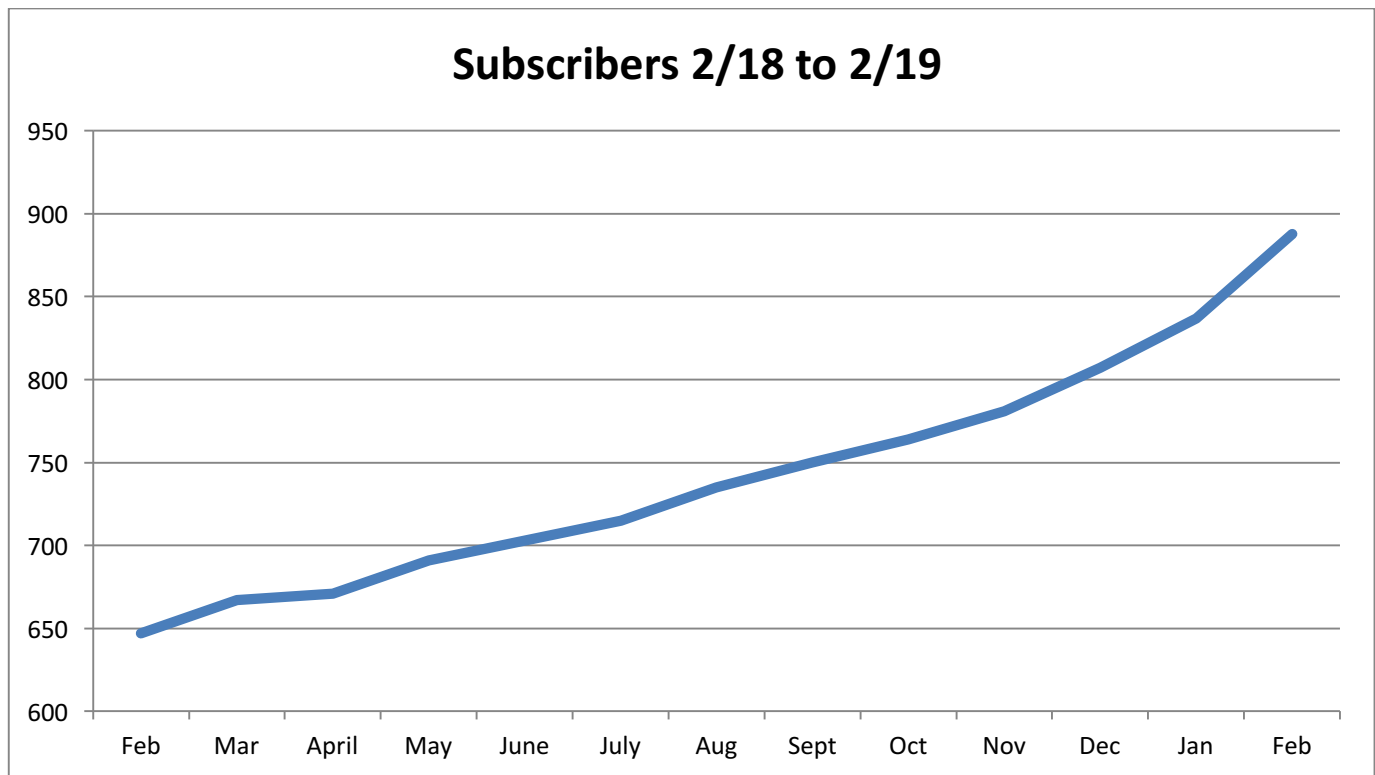
outcomes in patients treated with spinal cord stimulation for leg and/or back pain.

Neuromodulation 2018 epub <https://www.ncbi.nlm.nih.gov/pubmed/30548106>

- Schwarm FP, Stein M, Uhl E, Maxeiner H, Kolodziej MA. A retrospective analysis of 25 cases with peripheral nerve field stimulation for chronic low back pain and the predictive value of transcutaneous electrical nerve stimulation for patient selection. Neuromodulation 2018 epub <https://www.ncbi.nlm.nih.gov/pubmed/30548104>

Membership

In January, the number of our subscribers grew by 53 to 890. Thank you for spreading the word!



Number of citations in each section

- DBS 4715, with 2 completed WIKISTIM abstracts
- DRG 94, with 9 completed WIKISTIM abstracts
- GES 478
- PNS 55
- SCS 2283, with 129 completed or partially completed WIKISTIM abstracts
- SNS 920

SUPPORT FOR WIKISTIM

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Individual supporters in 2018

- Richard B. North, MD
- B. Todd Sitzman, MD, MPH

Industry support 2018-19

- Boston Scientific
- Medtronic
- Nevro
- Nuvectra

Nonprofit support

- The International Neuromodulation Society (publicity and conference registration)
- The Neuromodulation Foundation, Inc. (WIKISTIM's parent organization)
- The North American Neuromodulation Society

CITATIONS ADDED January 30, 2019

DBS

1. Atkinson-Clement C, Cavazzini É, Zénon A, Witjas T, Fluchère F, Azulay JP, Baunez C, Eusebio A. Effects of subthalamic nucleus stimulation and levodopa on decision-making in Parkinson's disease. *Mov Disord* 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/30681186>
2. Avecillas-Chasin JM, Poologaindran A, Morrison MD, Rammage LA, Honey CR. Unilateral thalamic deep brain stimulation for voice tremor. *Stereotact Funct Neurosurg* 2019 epub:1-8 <https://www.ncbi.nlm.nih.gov/pubmed/30625492>
3. Aygün D, Dere ÜA, Yildiz O, Temel Y, Kocabağcak E. Characterizing the intraoperative microelectrode recording-induced microlesion effect on motor symptoms in patients with Parkinson's disease undergoing deep brain stimulation of the subthalamic nucleus. *Turk Neurosurg* 2018 epub <https://www.ncbi.nlm.nih.gov/pubmed/30649828>
4. Ball CG, Malheiros JM, Battapady H, Tannus A, Hamani C, Covolan L. The neural response to deep brain stimulation of the anterior nucleus of the thalamus: a MEMRI and c-Fos study. *Brain Res Bull* 2019 epub <https://www.ncbi.nlm.nih.gov/pubmed/30658130>
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DRG

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PNFS

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SCS

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Contact

The Neuromodulation Foundation, Inc.
117 East 25th Street
Baltimore, MD 21218
wikistim@gmail.com
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