



## Neuromodulation News: July 2015

### A Message from the President

Dear INS members,

Thank you for the honor of serving as your seventh president. As I begin my term, I want to express my gratitude to you, the members, as well as our past and current board and preceding presidents, for making the society what it is today. Together, you have helped form the vision for INS's future in this exciting and growing area of medical inquiry and practice.

I believe we all share the passion for exposing the broader medical community to this field and its role as a treatment modality. Equally important, we share a passion for advancing the scientific understanding and skillful practice of neuromodulation therapies for the betterment of patients everywhere.

Among the themes of my tenure, I anticipate working to improve access to these therapies around the world. Whether it be in Sri Lanka or Bangladesh, I am enthused by the prospect of organizing access and training so that patients in areas not currently served may also benefit.

We continue to grow membership and regional engagement by encouraging formation of new regional chapters. Not only was our 12th World Congress in June in Montreal our best-attended meeting yet, it also was the first time we welcomed a full 20 chapters into our midst. The newest chapters represent France, South Africa and Turkey. Meanwhile, the Nordic Neuromodulation Society recently formed in 2014, and three more chapters are in formation in Chile, Colombia and the Middle East.

All regional chapter members not only benefit from interaction with their local peers and regional scientific meetings every year, but also a deep international knowledgebase provided by such member benefits as my favorite journal, the INS's [Neuromodulation: Technology at the Neural Interface](#) that was prescient when it was created in 1998 and keeps getting better all the time (expanding in breadth and depth), the INS [interactive website](#), a variety of society-sponsored initiatives, and the opportunity to connect with professionals who share a multidisciplinary vision.

With the society's growth, one major undertaking will be to institute committees to further our endeavors on many fronts. Among the topics to be addressed there will be such subjects as globalization, membership, research, education, training, and related matters. This will provide many opportunities to bring your talents to bear and actively participate. We would love to hear about your areas of interest if you would like to serve. Simply send a note listing your interests to the [INS Executive Office](#) and we will do our best to get you involved.

In closing, I hope you have heard about our plans for an interim meeting in 2016, to be held in China, in collaboration with the Chinese Neuromodulation Society. Among its offerings, it will feature both a hands-on cadaver workshop and lectures. We will keep you informed as the plans take shape.

Remember, the INS is your society! With that in mind, I encourage you to interact and [contact us](#) if we can be of help to either you, or your patients.

Best regards,

Timothy Deer, MD  
President of INS

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### The International Neuromodulation Society 12th World Congress Had a Successful Synergy

The International Neuromodulation Society welcomed more than 1,400 delegates from 41 countries at its

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12th World Congress in Montreal in June.

Not only was that a record attendance, the quality and quantity of the abstracts, invited presentations, and professional interactions reaffirmed our inspiration and enthusiasm for this promising modality and fascinating field of medical science.

Our Innovations Day preconference was an invigorating look at what the future may hold as new approaches are developed. The Mechanisms of Action preconference helped to underscore our understanding of the science behind the therapies, and an appreciation for the need to reveal more.

Also before the congress, the Canadian Neuromodulation Society and an international group of volunteers worked for several months to present both an inaugural cadaver course and a public event with patients and providers explaining the main therapies on the weekend. Thanks to all who made those efforts a success.

The main scientific program featured more than 360 abstracts that inspired and enriched multidisciplinary discourse. Of them, 120 were presented in an oral form during the 3.5-day program. The program appealed to an array of specialists with tracks on pain, epilepsy, pelvic organ motility disorders, motor and metabolic disorders, cardiovascular disorders, spasticity, cognition and behavior, spinal cord injury, socioeconomics, intrathecal drug delivery, pain, and peripheral nerve stimulation. The abstracts will be published and available for citation in the online version of *Neuromodulation: Technology at the Neural Interface* 18(6) in August.


The organizational team and scientific committee received many positive comments about the quality of the engagement at the event – something that continues to distinguish the INS congresses. The sense of mission was accentuated by acknowledgements of the [top five scientific abstracts](#) as well as the announcement of the third INS Giant of Neuromodulation, Alim Louis Benabid, MD, PhD.



Prof. Benabid was recognized for his development of deep brain stimulation therapy for movement disorder, and for being a pioneer in the field. He lectured about research into near-infrared stimulation as a neuroprotective approach that might deter progression of Parkinson's disease.

You may see photos from the congress, such as the opening reception, on the [International Neuromodulation Society Facebook page](#). Please mark your calendars for the INS 13th World Congress in Edinburgh, Scotland, UK on May 27 – June 1, 2017!

## Calendar of Events



**INS 13th World  
World Congress**  
**Neuromodulation:  
Technology Changing  
Lives**

**SAVE THE DATE:**  
**MAY 27-JUNE 1, 2017**  
**Edinburgh, Scotland, UK**



**Neuromodulation**  
Technology at the Neural Interface  
Editor-in-Chief: Robert W. Lenz, MD, PhD

Official Journal of the International  
Neuromodulation Society  
www.internationalneuromodulation.com

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**INS Expert Panel**

Members may [log in](#) to the members-only section's Global Discussion Forum to participate; watch for updates on our [Expert Panels](#) announcement page.



Benelux Neuromodulation Society President Mike DeJongste, MD, PhD, contributed a photo from the Women in Neuromodulation reception. Women in Neuromodulation, formed in 2014, is a section of the North American Neuromodulation Society that is intended to encourage women to become more active in the field's leadership roles. Pictured from left to right are panel moderator Halena Gazelka, MD, Julie Pilitsis, MD, PhD – WIN co-chair, Tracy Cameron, PhD, Gül Talu, MD, FIPP and Genni Duse, MD.

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### ***Neuromodulation: Technology at the Neural Interface* Impact Factor Rises Steeply**

The 2014 Impact Factor for *Neuromodulation: Technology at the Neural Interface* is 2.701, more than a 50% increase from the previous year. The journal now ranks 76/192 in the Clinical Neurology category (up from 122/194) and 54/123 in Medicine, Research & Experimental (up from 78/124).

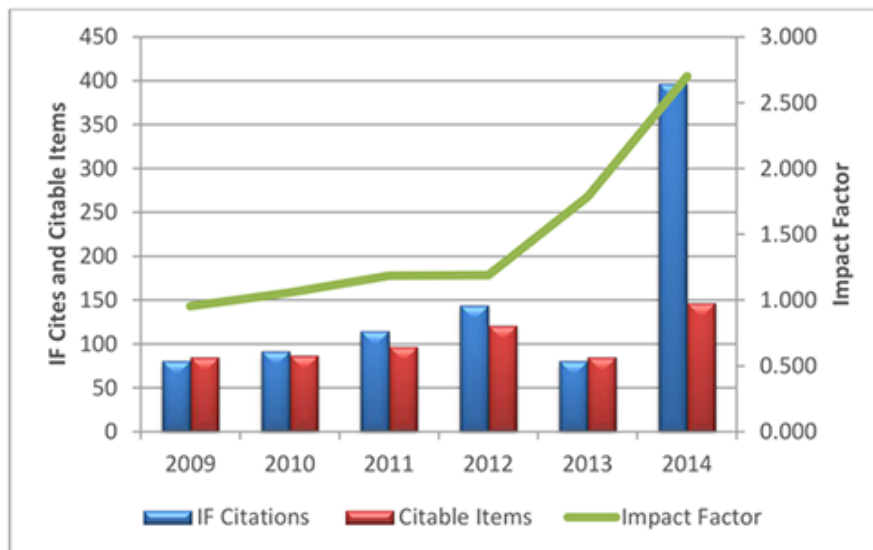
Prior Impact Factors were:

2013 = 1.785

2012 = 1.190

2011 = 1.186

**Chart: *Neuromodulation* Impact Factor Growth**



Contributions that have been instrumental in the growth of our journal come from editor-in-Chief Robert M. Levy, MD, PhD, the editorial board, reviewers, and authors.

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## Our New Journal App Puts Current Content at Your Fingertips

The new [Neuromodulation Journal App](#) is now available for download from the Apple App Store. Enjoy an entirely new browsing and reading experience, and keep up to date with the most important updates in neuromodulation even faster:

- Stay current with the latest articles through Early View.
- Be notified when a new issue is available.
- Download articles and issues for offline perusal.
- Save your favorite articles for quick and easy access.
- Share articles with colleagues or students.

INS members, use your society website login details to access your subscription in the new App. Please consult the [instruction sheet](#) for downloading the Neuromodulation App and gaining access to content using your society login.

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## WIKISTIM Popularity Grows – And More Datasheets are Welcome

[WIKISTIM.org](#) presents primary data reported in the neuromodulation literature in a manner that facilitates search, comparison, and meta-analysis. Its development is supported by the neuromodulation community and guided by section editor experts. WIKISTIM lists publications that present primary data and provides datasheets for extracting data.

Subscribers to the free resource have access to two invaluable features not available elsewhere: 1) regularly updated citation lists of publications relevant to neurostimulation and 2) a data management and abstraction scheme customized for each stimulation target (currently six, with more planned): [spinal cord stimulation](#) (SCS), [dorsal root ganglion stimulation](#) (DRG), [deep brain stimulation](#) (DBS), [peripheral nerve stimulation](#) (PNS), [sacral nerve stimulation](#) (SNS), and gastric electrical stimulation (GES).

Citations and completed datasheets can be downloaded to create evidence tables, answer clinical questions, and aid in reimbursement and payment decisions.

The International Neuromodulation Society (INS) encourages you to register for this free resource, to make certain that WIKISTIM includes your papers, and to complete the datasheets for your papers so that others will be more likely to find and cite your work. For instance, when your paper is accepted for publication in *Neuromodulation: Technology at the Neural Interface*, please submit a completed



datasheet to WIKISTIM that summarizes the research and key findings. WIKISTIM will also link to PDFs of posters accepted by INS and annual scientific meetings of regional chapters concerning SCS, PNS, SNS, GES, DBS, and DRG if the authors also submit a completed datasheet for their work.

WIKISTIM appreciates the record number of people who registered for access to the database during the 12th World Congress last month. Even more people stopped by the WIKISTIM table but unfortunately, the surge in Internet traffic to the WIKISTIM site triggered an automatic security alert on the conference hotel's Internet service provider, which responded by blocking access to WIKISTIM. Please take the time now to explore the site now to discover its features. You may also sign up to receive monthly e-newsletters documenting the progress in its growth.

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## Inaugural Cadaver Course Training is Roundly Lauded

The inaugural cadaver course, presented by the International Neuromodulation Society and Canadian Neuromodulation Society, received positive feedback from participants. It took place before the 12th World Congress with organizational oversight and guidance from Canadian Neuromodulation Society President Michel Prudhomme, MD, PhD, Jason Pope, MD, and Steven Falowski, MD. During the daylong workshop, 39 neuromodulators received hands-on and didactic training.



We appreciate the contributions of everyone who made the event a success. Thanks go to our didactic lecturers Giancarlo Barolat, MD; Hans Ericson, MD, PhD; Michael Kretzschmar, MD, DMSc; Marc Russo, MBBS; Mohammed Shamji, MD, PhD, FRCSC; and Kasra Amirdelfan, MD; and to the hands-on instructors Liang Liem, MD; Gennady Gekht, MD, PhD; Jørgen Rostgaard, craniomaxillofacial surgeon, DDS; François Fugère, MD, FRCPC; Salim Hayek, MD, PhD; and Andrew Parrent, MD, BSc.

Please look for similar courses in the future!

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## First Public Event Took Place Prior to the 12th World Congress in Montreal

The Canadian Neuromodulation Society (CNS) and International Neuromodulation Society organized an educational event for the public prior to the 12th World Congress, featuring patients and an international panel of physicians speaking about the development of neuromodulation therapy, spinal cord stimulation, sacral nerve stimulation, and deep brain stimulation.

The event drew 117 registrants who included patients, providers, family members, and members of the public. The news was also featured on [Radio Canada](#), where CNS President Michel Prudhomme was interviewed about the therapy.

Attendees were directed to additional materials, which included the International Neuromodulation Society (INS) patient education portal, a brochure about the CNS, and a recent, [province-wide health technology assessment report](#).



The event was moderated by well-known journalist Bernard Derome. Among the speakers was INS President Simon Thomson, MBBS, FFPMRCA, shown speaking in the picture above. He spoke about spinal [cord stimulation guidance](#) from NICE in the United Kingdom.

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## **The International Neuromodulation Society Welcomes Three New Chapters, for a Total of 20**

Our global organization now has 20 chapters, with formalization this year of the status of the French Neuromodulation Society, Nordic Neuromodulation Society, South African Neuromodulation Society, and Turkish Neuromodulation Society.

Other regional societies are in formation in Chile, Colombia and the Middle East.

The latest chapters and their leaders were acknowledged at the General Assembly of Members during the 12th World Congress in June:

- French Neuromodulation Society President Philippe Rigoard, MD, PhD
- Nordic Neuromodulation Society Chairman Kaare Meier, MD, PhD
- South African Neuromodulation Society President Russell Raath, MBChB MMed FIPP
- Turkish Neuromodulation Society President Gül Köknel Talu, MD, FIPP and Chairperson Süleyman Özyalçın, MD, FIPP

The French chapter held a meeting of 21 interested potential members who were attending the 12th World Congress in Montreal.

Please stay tuned to learn about activities of these, and other chapters, through annual scientific meeting announcements in the [INS Global Events Calendar](#) and future newsletters.

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## **Brazilian Chapter and the Neuromodulation Society of Australia and New Zealand Set Their Annual Scientific Meetings for 2016**

The Brazilian Neuromodulation Society will hold its next meeting on May 12-14, 2016 in Natal, Brazil. Please watch for further details to be announced.

Meanwhile, the Neuromodulation Society of Australia and New Zealand 11th Annual Scientific Meeting will take place immediately before the 2016 [Australian Pain Society 36th Annual Scientific Meeting](#) in Perth, Western Australia:

12 - 13 March 2016

Perth Convention and Exhibition Centre

Perth, Western Australia, Australia

Stay tuned for more details at <http://www.neuromodulation.com/australia>

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### **The Argentinean Chapter of the International Neuromodulation Society Offers a Spanish-language scientific journal through collaboration with CENIT Foundation**

The Argentinean chapter of International Neuromodulation Society, Sociedad Argentina de Neuromodulación (SANE), reminds readers that the Spanish-language research periodical [NeuroTarget](#) is available online free-of-charge by registering at <http://neurotarget.com/> for unrestricted access to the journal's content. Since 2006, the CENIT Foundation for Research in Neuroscience has produced this Latin America-based publication.

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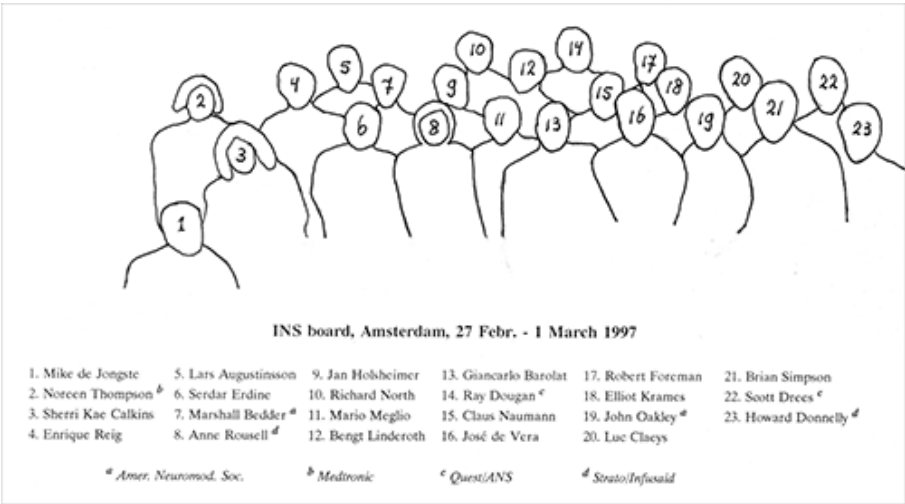
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### **International Neuromodulation Society Board Photos From the Past and Present**

The International Neuromodulation Society has seen steady growth over the years. The full board, including chapter presidents, now has 29 members. Early board meetings, such as one in Amsterdam in 1997, were somewhat smaller. A photo from the 1997 meeting is followed by a list of identities of the people pictured there, provided by Prof. Jan Holsheimer. (People in the 1997 picture include board members and others.) Beneath that is a photo taken during a break in the most recent meeting of the full board in Montreal in June, followed by a diagram and list of people pictured in it.



The International Neuromodulation Society met in Amsterdam in 1997.



Identities of the people pictures in the 1997 photo.



The International Neuromodulation Society full board met in June 2015 in Montreal.





A numbered key to the list of people pictured in the 2015 full board photo.

Pictured in the 2015 photo:

1. Benelux Neuromodulation Society President Mike DeJongste, MD, PhD
2. International Neuromodulation Society Director-at-Large Ashwini Sharan, MD
3. International Neuromodulation Society Secretary Marc Russo, MBBS, DA(UK)FANZCA, FFPMFANZCA
4. Turkey Neuromodulation Society President Prof. Dr. Gül Köknal Talu
5. International Neuromodulation Society Treasurer Fabián Piedimonte, MD
6. Poland Neuromodulation Society Prof. dr hab.n.med. Wojciech Maksymowicz
7. Neuromodulation Society of the United Kingdom and Ireland President Roger Strachan, MBChB, MD, FRCSE, FRCS(SN)
8. International Neuromodulation Society President Timothy Deer, MD
9. Japan Neuromodulation Society Takamitsu Yamamoto, MD, PhD
10. Canadian Neuromodulation Society Michel Prudhomme, MD, PhD
11. International Neuromodulation Society Emeritus Director-at-Large Eliot Krames, MD
12. South Africa Neuromodulation Society President Russell Raath, MBChB MMed FIPP
13. International Neuromodulation Society Editor-in-Chief Robert Levy, MD, PhD
14. China Neuromodulation Society President Guoming Luan, MD, PhD
15. Argentinean Neuromodulation Society President Juan Carlos Andreani, MD
16. France Neuromodulation Society President Philippe Rigoard, MD, PhD
17. International Neuromodulation Society Director-at-Large Konstantin Slavin, MD
18. Swiss Neuromodulation Society President Christophe Perruchoud, MD
19. Italian Neuromodulation Society Vice President Alessandro Dario, MD
20. North American Neuromodulation Society Senior Advisor to the Board Joshua Prager, MD
21. Brazilian Neuromodulation Society President Tiago Freitas, MD, PhD
22. Nordic Neuromodulation Society Chairman Kaare Meier, MD, PhD
23. International Neuromodulation Society Director-at-Large Leonardo Kapural, MD, PhD
24. Turkish Neuromodulation Society Chairperson N. Suleyman Ozyalcin MD, FIPP
25. South Eastern Europe Neuromodulation Society Secretary Stefanos Korfias, MD, PhD
26. North American Neuromodulation Society President David Kloth, MD
27. International Neuromodulation Society Past President Simon Thomson, MBBS, FRCA, FIPP, FFPMRCA
28. International Neuromodulation Society Director-at-Large Ali Rezai, MD
29. German Neuromodulation Society President Jan Vesper, MD, PhD

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## Employment Listings

Did you know the Members Only Area of the International Neuromodulation Society website includes a section where members may list employment opportunities and fellowship and training openings? Take a look at: <https://inns.memberclicks.net/employment>.

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***If you like what you see and want to become involved in the INS...***

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