

International Neuromodulation Society Board of Directors' Direct Financial Relationship Disclosures

Matthieu Cachemaille, MD	Speaker Programs	Amount	Date of Service		
	Abbott / St. Jude Medical	\$501 - \$5,000	2023		
	Boston Scientific	\$501 - \$5,000	2022, 2023		
	Arthrex	\$1 - \$500	2023		
	Education / Research Grants	Amount	Purpose	Date	
	Arthrex	\$5,001 - \$20,000	Other	2023	
Denys Fontaine, MD, PhD	Speaker Programs	Amount	Date of Service		
	Abbott / St. Jude Medical	\$501 - \$5,000	2019		
	Boston Scientific	\$501 - \$5,000	2019		
	Consultant / Advisory Board	Amount	Date of Service		
	Medtronic	\$501 - \$5,000	2022		
	Education / Research Grants	Amount	Purpose	Date	
	Medtronic	\$50,001 – \$100,000	Patient Care Services	2019	
Kliment Gatzinsky, MD, PhD	Speaker Programs	Amount	Date of Service		
	Abbott / St. Jude Medical	\$501 - \$5,000	2019		
	Boston Scientific	\$501 - \$5,000	2019, 2020, 2022		
	Medtronic	\$501 - \$5,000	2019, 2020		
	Nevro	\$501 - \$5,000	2019		
	Consultant / Advisory Board	Amount	Date of Service		
	Boston Scientific	\$501 - \$5,000	2019, 2020, 2021, 2022		
	Medtronic	\$501 - \$5,000	2019, 2020, 2021, 2022		
Christopher Gilligan, MD, MBA	Consultant / Advisory Board				
	Mainstay Medical	\$100,001 – \$500,000	2023		
	Saluda Medical	\$20,001 - \$50,000	2023		
	Persica	\$5,001 - \$20,000	2023		
	Company Employee / Owner / Office-holder				
	Iliad Lifesciences	\$5,001 - \$20,000	2023		
	Stock Options				
	Company	Stock Value	# of Options Held	Value of Options	Time of Granting
	Mainstay Medical	0	>50,000	\$50,001 – \$100,000	2021

Lisa Goudman, PhD	Education / Research Grants	Amount	Purpose	Date	
	Lisa Goudman is a postdoctoral research fellow funded by the Research Foundation Flanders (FWO), Belgium (project number 12ZF622N). STIMULUS research group received independent research grants from Medtronic.				
Ashish Gulve, FPMRCA, FPMCAI, FRCA, FCARCSI, MD	Speaker Programs	Amount	Date of Service		
	Medtronic	\$501 - \$5,000	2019, 2022, 2023		
	Mainstay Medical	\$501 - \$5,000	2019, 2022, 2023		
	Boston Scientific	\$501 - \$5,000	2019, 2022, 2023		
	Saluda Medical	\$501 - \$5,000	2019, 2021		
	Nevro	\$501 - \$5,000	2019, 2022		
	Nevro	\$5,001 - \$20,000	2023		
	Consultant / Advisory Board	Amount	Date of Service		
	Boston Scientific	\$501 - \$5,000	2022		
	Boston Scientific	\$1 - 500	2023		
	Medtronic	\$501 - \$5,000	2022, 2023		
Corey Hunter, MD	Speaker Programs	Amount	Date of Service		
	Abbott / St. Jude Medical	\$20,001 - \$50,000	2023		
	Biotronik	\$5,001 - \$20,000	2023		
	Mainstay Medical	\$5,001 - \$20,000	2023		
	Saluda Medical	\$5,001 - \$20,000	2023		
	Consultant / Advisory Board	Amount	Date of Service		
	Abbott / St. Jude Medical	\$20,001 - \$50,000	2023		
	Biotronik	\$5,001 - \$20,000	2023		
	Mainstay Medical	\$5,001 - \$20,000	2023		
	Saluda Medical	\$5,001 - \$20,000	2023		
	Education / Research Grants	Amount	Purpose	Date	
	Abbott / St. Jude Medical	\$5,001 - \$20,000	Patient Care Services	2023	
	Saluda Medical	\$20,001 - \$50,000	Patient Care Services	2024	
	Stock Options - Company	Stock Value	# of Options Held	Value of Options	Time of Granting
	Nalu Medical	\$5,001 - \$20,000	200-1000	\$5,001 - \$20,000	2018
Emil Isagulyan, MD	Speaker Programs	Amount	Date of Service		
	Abbott / St. Jude Medical	\$501 - \$5,000	2020		
	None		2021		
	Consultant / Advisory Board	Amount	Date of Service		
	Medtronic	\$501 - \$5,000	2019		
	Boston Scientific	\$501 - \$5,000	2019		
	None		2021		

Andrea Landi, MD	Consultant / Advisory Board	Amount	Date of Service		
	LivaNova / Cyberonics	\$501 - \$5,000	2023		
Robert M. Levy, MD, PhD	Speaker Programs	Amount	Date of Service		
	Abbott	\$501 - \$5,000	2019		
	Consultant / Advisory Board	Amount	Date of Service		
	Saluda Medical	\$0	2019, 2020, 2021, 2022		
	Nalu Medical	\$0	2019, 2020, 2021, 2022		
	Mainstay Medical	\$0	2019, 2020, 2021, 2022		
	Medtronic	\$0	2021, 2022		
	Stock Options - Company	Stock Value	# of Options Held	Value of Options	Time of Granting
	Nalu Medical		>50,000	\$0	>5 years ago
	Saluda Medical		>50,000	\$0	>5 years ago
Stock options from Nalu and Saluda Medical obtained prior to 2019, and not exercisable through the duration as my term as INS President, and Editor-in-Chief of the journal, Neuromodulation Technology at the Neural Interface.					
Maarten Moens, MD, PhD	Speaker Programs	Amount	Date of Service		
	Medtronic	\$5,001 - \$20,000	2022		
	Nevro	\$501 - \$5,000	2021		
	Saluda Medical	\$501 - \$5,000	2021		
Michelle O'Brien, MBBS(Qld), FANZCA, FFPMANZCA, Mmed	Speaker Programs				
	Abbott / St. Jude Medical	\$501 - \$5,000	2020		
	Boston Scientific	\$1 - \$500	2020		
	Nevro	\$501 - \$5,000	2024		
	Seqirus	\$1 - \$500	2022		
Christophe Perruchoud, MD	Speaker Programs	Amount	Date of Service		
	Boston Scientific	\$501 - \$5,000	2020		
	Medtronic	\$501 - \$5,000	2020		
	Consultant / Advisory Board	Amount	Date of Service		
	Boston Scientific	\$501 - \$5,000	2020		
	Medtronic	\$501 - \$5,000	2020		

Kiran Patel, MD	Speakers Programs	Amount	Date of Service		
	Abbott / St. Jude Medical	\$50,001 – \$100,000	2022		
	Vertos	\$20,001 - \$50,000	2022		
	Boston Scientific	\$1 - \$500	2022		
	Medtronic	\$1 - \$500	2022		
	Nevro	\$1 - \$500	2022		
	Saluda Medical	\$1 - \$500	2022		
	Mainstay Medical	\$50,001 – \$100,000	2022		
	Consultant / Advisory Board	Amount	Date of Service		
	Abbott / St. Jude Medical	\$50,001 – \$100,000	2022		
	Mainstay Medical	\$50,001 – \$100,000	2022		
	Disclosure of Excess Compensation. Previous years (2021) payments for Abbott were given in 2022.				
	Education / Research Grants	Amount	Purpose	Date	
Abbott / St. Jude Medical	\$1 - \$500		2021		
Julie Pilitsis, MD, PhD	Consultant / Advisory Board	Amount	Date of Service		
	Boston Scientific		2021		
	Nevro	\$501 - \$5,000	2021		
	Medtronic	\$5,001 - \$20,000	2021		
	Saluda Medical	\$501 - \$5,000	2021		
	Abbott / St. Jude Medical	\$20,001 - \$50,000	2021		
	Karuna Labs		2020		
	Aim Medical Robotics		2020		
	Education / Research Grants	Amount	Purpose	Date	
	Medtronic	\$501 - \$5,000	Research Grant Funding	2021, 2022	
	Boston Scientific	\$501 - \$5,000	Research Grant Funding	2021, 2022	
	Abbott / St. Jude Medical	\$5,001 - \$20,000	Research Grant Funding	2021, 2022	
	Nevro	\$501 - \$5,000	Research Grant Funding	2021	
	NIH 2R01CA166379, NIH R01EB030324, NIH Blueprint 3U54EB015408, and NIH U44NS115111				
	Stockholder - Company	Stock Options - Company	Stock Value	# of Options Held	Value of Options
Karuna Labs		\$0			2020
Aim Medical Robotics		\$0	greater than 5% of the value of the company		2020
Intellectual Property					

PATENTS US 10,182,897 B2 Piecuch B, Kasvikis D, Genova PA, Fischer GS, Pilitsis JG. Surgical Head Clamp and Robotics Platform US 2011/0077504 A1 Fischer G, Cole C, Pilitsis JG. System and Method for Robotic Surgical Intervention Docket Number: 023774-0140 Burdette EC, Pilitsis JG. Image-Guided Pulsed Focused Ultrasound (Provisional) Application No: PCT/US21/35941 Albany Medical College, Pilitsis J, Hadanny A. Machine Learning Based Decision Support System for Spinal Cord Stimulation Long Term Response (application filed) Application No: PCT/US2020/013589 General Electric Company. Madhavan R, Ashe J and Albany Medical College, Pilitsis J. Systems and Methods for Predicting Optimal Deep Brain Stimulation Parameters (application filed)

Dirk Rasche, MD, PhD	Speaker Programs	Amount	Date of Service			
	Abbott / St. Jude Medical	\$501 - \$5,000	2019, 2020, 2022			
	Boston Scientific	\$501 - \$5,000	2019, 2020, 2022			
	Medtronic	\$501 - \$5,000	2019, 2020, 2022			
	Other company	\$501 - \$5,000	2019, 2020, 2022			
	Consultant / Advisory Board	Amount	Date of Service			
	Abbott / St. Jude Medical	\$501 - \$5,000	2019, 2020, 2022			
	Boston Scientific	\$501 - \$5,000	2019, 2020, 2022			
	Medtronic	\$501 - \$5,000	2019, 2020, 2022			
	Other company	\$501 - \$5,000	2019, 2020, 2022			
Philippe Rigoard, MD, PhD	Consultant / Advisory Board	Amount	Date of Service			
	Abbott / St. Jude Medical	\$501 - \$5,000	2019, 2020			
	Medtronic	\$5,001 - \$20,000	2019, 2020			
	Boston Scientific	\$5,001 - \$20,000	2019, 2020			
	Other company	\$501 - \$5,000	2019			
	Education / Research Grants	Amount	Purpose	Date		
	Medtronic	\$500,001 – \$1,000,000	Institutional Grants	2020		
	Abbott / St. Jude Medical	\$500,001 – \$1,000,000	Institutional Grants	2020		
Marc Andrew Russo, MBBS, DA	Consultant / Advisory Board	Amount	Date of Service	Payments ceased 1 Sept. 2020		
	Mainstay Medical	\$50,001 – \$100,000	2019			
	Mainstay Medical	\$20,001 - \$50,000	2020			
	Education / Research Grants	Amount	Purpose			
	Research grants provided to Genesis Research Services from:					
	Biotronik					
	Mainstay Medical					
	Medtronic					
	Nevro					
	Presidio Medical					
	Saluda Medical					
	Stockholder - Company	Stock Options - Company	Stock Value	# of Options Held	Value of Options	Time of Granting
	SPR Therapeutics		\$20,001 - \$50,000			2017
		Saluda Medical		30,000	\$0	2016
		Presidio Medical		40,000	\$0	2019

Konstantin Slavin, MD	Consultant / Advisory Board	Amount	Date of Service
	Abbott / St. Jude Medical	\$5,001 - \$20,000	2019
	Abbott / St. Jude Medical	\$501 - \$5,000	2020, 2021, 2022
	Boston Scientific	\$501 - \$5,000	2019, 2020
	Biotronik	\$5,001 - \$20,000	2019, 2020
	Biotronik	\$501 - \$5,000	2021, 2022
	Insightec	\$1 - \$500	2022
	Medtronic	\$5,001 - \$20,000	2019
	Medtronic	\$501 - \$5,000	2020
	Medtronic	\$1 - \$500	2021, 2022
	Nuvectra	\$5,001 - \$20,000	2019
	Saluda Medical	\$501 - \$5,000	2022
	SPR Therapeutics	\$1 - \$500	2022
	Stimwave / Stimrelieve	\$501 - \$5,000	2019, 2020
	Stimwave / Stimrelieve	\$1 - \$500	2022
	Thermaquil	\$1 - \$500	2019
	Other company	\$1 - \$500	2019
	Education / Research Grants		
	Company	Amount	Date
	Abbott / St. Jude Medical	\$5,001 - \$20,000	2020
	Boston Scientific	\$5,001 - \$20,000	2020
	Medtronic	\$20,001 - \$50,000	2020
	Stockholder	Stock Value	Time of Granting
	Other company	\$100,001 – \$500,000	2017
	Other company	\$100,001 – \$500,000	2018
Carlos Tornero Tornero, MD, PhD	Speaker Programs	Amount	Date of Service
	Medtronic	\$501 - \$5,000	2020, 2021
	Abbott / St. Jude Medical	\$501 - \$5,000	2020, 2021
	Boston Scientific	\$501 - \$5,000	2021
	Saluda Medical	\$501 - \$5,000	2021
	Other company	\$501 - \$5,000	2021
	Consultant / Advisory Board	Amount	Date of Service
	Abbott / St. Jude Medical	\$501 - \$5,000	2021

Jan Vesper, MD, PhD	Speaker Programs	Amount	Date of Service	
	Abbott / St. Jude Medical	\$501 - \$5,000	2020, 2022	
	Boston Scientific	\$501 - \$5,000	2022	
	Medtronic	\$501 - \$5,000	2022	
	Other company	\$501 - \$5,000	2020, 2022	
	Consultant / Advisory Board	Amount	Date of Service	
	Abbott / St. Jude Medical	\$1 - \$500	2022	
	Boston Scientific	\$1 - \$500	2019	
James Yu, MD FANZCA FFPMANZCA	Medtronic	\$1 - \$500	2022	
	Other company	\$5,001 - \$20,000	2021	
	Speaker Programs	Amount	Date of Service	
	Abbott / St. Jude Medical	\$501 - \$5,000	2019	
	Nevro	\$501 - \$5,000	2019	
	Education / Research Grants	Amount	Purpose	Date
	Abbott / St. Jude Medical	\$501 - \$5,000	Patiet Care Services	2021
	Boston Scientific	\$501 - \$5,000	Patiet Care Services	2019
	Medtronic	\$501 - \$5,000	Patiet Care Services	2020
	Nalu Medical	\$501 - \$5,000	Patiet Care Services	2019

No Relevant Disclosures

Daniel Benzecry Almeida, MD
 William Omar Contreras Lopez, MD, PhD
 Arthur Cukiert, MD, PhD
 Paresh K Doshi, MD, PhD
 Hidehiro Hirabayashi, MD, PhD
 Gul Koknel Talu, MD
 Pyung Bok Lee, MD, PhD
 Guoming Luan, MD, PhD
 Keith MacDougall, MD, PhD
 Isaac Peña, MD
 Alif Noeriyanto Rahman MD, SpOT, FIPM, FIPP, CIPS