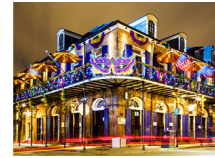




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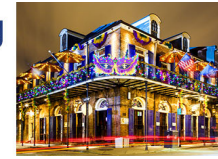
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Abdallah	Ranv	Associate Faculty	Yes											No
Abd-Elsayed	Alaa	Faculty	Yes		Avanos, Medtronic, Sollis, Stimwave Technologies			Medtronic, Sollis	MG Academy, Springer	Thermaquil				No
Abraham	Nirmala	Faculty	No											No
Adams	Meredith	Faculty	Yes				NIH NIBIB, NIH NIAMS, NIH NINDS						Spouse- Fellowship Educational Support (Medtronic)	No
Amin	Sandeep	Faculty	Yes			Avanos, Boston Scientific, Medtronic, Nevro		Abbott, Boston Scientific, Nevro						No
Anitescu	Magdalena	Faculty, Planning	Yes										Medtronic pays salary and professional development for our institution pain fellows	No
ASRA Administrative Team (Borner, Stengel, Stuever)		Society, CME, and Meeting Management	No											No
Badiola	Ignacio	Associate Faculty, Planning	Yes				R21 NIH	R21 NIH					Multiple attorneys and practices as an expert witness	No
Benzon	Honorio	Faculty	Yes		Sandoz International									No
Bhatia	Anuj	Faculty	Yes	Medtronic				Medtronic						No
Bohm	Laura	Faculty	Yes		Goldfinch Biosciences									No
Boretsky	Karen	Faculty, Planning	No											No
Bruel	Brian	Faculty	Yes		Biogen, Daiichi Sankyo, Flowonix, Revance Therapeutics	Medtronic, TerSera								No
Brummett	Chad	Faculty	Yes		Heron Therapeutics, Recro Pharma			NIH-DHHS-US-17-PAF02680, NIH-DHHS-US-16-PAF06270, NIHODHHS-US-16 PAF 07628, NIH-DHHS-US, MDHHS, NIH-DHHS, NIDA, UM Michigan Genomics Initiative	Peripheral Perineural Dexmedetomidine					No
Buvanendran	Asokumar	Board	Yes		Fresenius Kab									No
Calhoun	Bridget	Planning	No											No
Calodney	Aaron	Faculty	Yes		Medtronic, Nevro, Stryker, Vertos Medica									No
Chan	Vincent	CME, Planning	Yes	Phillips Healthcare				University of Toronto (Merit Award), MSH-UHN AMO Innovation Fund						No
Chin	Ki Jimn	CME	No											No
Chin	May	Faculty	No											Yes- Ketamine
Christanson	Julie	Faculty	Yes		Aptinyx, Daiichi Sankyo, Eli Lilly, Intec Pharma, Pfizer, Samumed, Theravance, Tonix, Zynerba	Biogen							Expert Witness: Nix Patterson, Williams & Connolly	Yes
Clauw	Daniel	Faculty	Yes					Aptinyx, Pfizer						No
Cohen	Mitchell	Faculty	No											No
Cohen	Steven	Board, Faculty	Yes		AcelRx, Scilex, Scintilli		SPR Therapeutics							No
Curatolo	Michele	Faculty	No											No
de Leon-Casasola	Oscar	Faculty	Yes		US WorldMeds									Yes- Compounding medications for IT use
Doshi	Tina	Faculty	Yes					Biohaven Pharmaceuticals						No
Durbhakula	Shravani	Planning	No											No
Eckmann	Maxim	Faculty, Planning	Yes		Avanos			Abbott, Boston Scientific			Insight Dental Systems; iKare MTRC		Medico-legal consulting	No
Edwards	Scott	Faculty	Yes		Avanos									No
Elkabassany	Nabil	Board, Faculty	Yes		Foundry Therapeutics									No
Elmofy	Dalia	Faculty	No											No
Falowski	Steven	Faculty	Yes		Abbott, Medtronic, Vertiflex	Abbott, Medtronic, Vertiflex		Abbott, Biotronik, Medtronic, Nuvectra			Saluda, SPR Therapeutics		Speaking at a non-CME promotional event for Abbott.	No
Ferrante	F. Michael	Faculty	No											No
Finlayson	Roderick	Faculty	No											No
Freeman	John	Faculty	No											No
Furlan	Andrea	Faculty	Yes		Workplace Safety and Insurance Board			Canadian Institutes of Health Research					Employer owns app Opioid Manager, a paid app on iTunes	No
Germanovich	Andrew	Associate Faculty	Yes	Nuvectra	Masimo		Masimo Corporation, Novartis Pharmaceuticals							No
Goel	Vasudha	Associate Faculty	No											No
Grant	Stuart	CME	Yes		B. Braun			SPR Therapeutics	Oxford University Press					No
Grider	Jay	Faculty	Yes		Abbott, Intralink Spine, Medtronic, Vertos Medical			Abbott, Flowonix, Nevro, Vertos			Intralink Spine			No
Grimmer	Jennifer	Faculty	No											No
Guirgus	Maged	Faculty, Planning	Yes		Avanos, Boston Scientific, Nevro			Abbott, Avanos, Boston Scientific, Neurous, Nevro						No
Gutati	Amitabh	Faculty	Yes		AIS, Flowonix, Medtronic								Speaking at a non-CME promotional event for SPR Therapeutics.	No
Gulur	Padma	Faculty	No											No
Hassett	Afton	Faculty	Yes		AbbVie, Precision Health Economics									No
Hooten	W. Michael	Faculty	Yes					NIH					US WorldMeds	Yes, Epidural administration of corticosteroids
Howe	Erica	Faculty	Yes										CEO of The Medical Educator	No
Huang-Lionnet	Julie	Associate Faculty	No											No
Hunt	Christine	Associate Faculty	No											No



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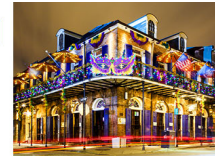
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Hurtoon	Marc	Faculty, Planning	Yes			Mainstay Medical, Saluda								No
Hurley	Robert	Faculty, Planning	Yes		Metronic		NIH, AHRQ, Robert Wood Johnson Foundation	Avanos	University of Florida					No
Hussaini	Zohra	Faculty, Planning	Yes	Flowonix, Medtronic, Nevro										No
Jackson	Heather	Faculty	No											No
Jaremko	Kellie	Planning	No											No
Kapural	Leonardo	Faculty	Yes		Abbott, Avanos, Biotronik, Medtronic, Nalu Medical, Neuro, Stimgenics		Avanos, Biotronik, Gilmer, Medtronic, Neuros Medical, Neuro, Saluda, Sollis, SPR Therapeutics			Nalu			Speaking at a non-CME promotional event for Nevro.	Yes, SCS for abdominal pain
Khan	Talal	Faculty	Yes					Nevro						No
Kohan	Lynn	Faculty	Yes			Avanos		Avanos					Arnold and Palmer - expert opinion; Speaking at a non-CME promotional event for Avanos.	No
Kopp	Sandra	Board	No											No
Latif	Uman	Associate Faculty	Yes			Mainstay Medica		Nevro, Sollis Therapeutics						No
Lema	Mark	Faculty	Yes		DeGroote Pain Institute at McMaster University									No
Lubenow	Timothy	Faculty	Yes		Abbott, Avanos, Boston Scientific, Flowonix, Medtronic, Nevro			Abbott, Boston Scientific						No
Mariano	Edward	Board, Faculty	No											No
Martinez	Marte	Faculty	No											No
Mekhal	Nagy	Faculty	Yes		Boston Scientific, Relievan Medsystems, Sollis Therapeutics			Halyard, Mallinckrodt, Mesoblast, Neuros Medical					Medical Monitor for closed-loop SCS "Evoke Study" Saluda Medical, HF-10 for PDN "Senza PDN study" Nevro Inc, Mild for LSS "Motion study" Vertos Medical, Ultra High Pulse width SCS "Hi-Fi study Nuvectora	No
Memtsoudis	Stavros	Board	Yes	Sandoz, Teikoku Pharma					Multicatheter infusion system			Owner SGM Consulting, FC Monmouth		No
Mina	Maged	Faculty	Yes			Pfizer, Salix								No
Modir	James	Faculty	No											No
Nader	Antoun	Faculty	No											No
Nagpal	Ameet	Faculty	Yes		Texas Medical Board (Standard of Care Reviews)	Avanos							Medical Director, Dannemiller	No
Narouze	Samer	Board, Faculty	No											Yes- PNS
Nicol	Andrea	CME, Faculty, Planning	Yes				NIH							No
Ottestad	Einar	Faculty	Yes		Bioness, Ipsen, Nine Continents Medical, SPR Therapeutics, Tulavi Medical								Speaking at a non-CME promotional event for SPR Therapeutics.	No
Palmer	Pamela	Faculty	Yes							AcelRx	AcelRx	AcelRx		No
Patel	Trusharth	Associate Faculty	No											No
Pearson	Amy	Associate Faculty	Yes										Social Media Manager for the Anesthesia Patient Safety Foundation (APSF) and receive compensation for this. (Nonprofit)	No
Petersen	Erika	Faculty	Yes		Abbott, Medtronic, Neuros, Nevro, Synerfuse			Medtronic, Neuros, Nevro, ReNeuron	Springer	Synerfuse				Yes- PNS of head and face
Petersohn	Jeffrey	Faculty	No											Yes- Epidural administration of sterio
Pino	Carlos	Board, CME, Faculty, Planning	Yes		Mainstay Medical									No
Provenzano	David	Board, Faculty, Planning	Yes		Avanos, Boston Scientific, Esteve, Medtronic, Nevro, Salix			Abbott, Medtronic, Nevro, Stimgenics						No
Rana	Maunak	Faculty	No											No
Rosenquist	Richard	Faculty	Yes		Mainstay Medical				Springer, UpToDate			KURE/SMART Pain Holdings, LLC		No
Sayed	Dawood	Faculty	Yes		Abbott, Flowonix, Nevro, PainTaq, SPR Therapeutics, Stimgenics, Vertiflex, Vertos Medical			Abbott, Biotronic, Nevro, Sollis Therapeutics		SPR Therapeutics			Speaking at a non-CME promotional event for Nevro.	No
Schreiber	Kristin	Faculty	Yes		AAAPT, IASP travel grant advisory, IMMPACT, VHA, MERIT grant study section			NIH R35, NIH K23 (past), NSF, Foundation for the Study of the Therapeutic Encounter, Harvard-Osher Center for Integrative Medicine pilot grant (past), BWH Department of Anesthesiology, Perioperative and Pain Medicine						No
Schwenk	Eric	Faculty	No											Yes- Ketamine for pain and headach
Shah	Shalini	Faculty	Yes					Pfizer						No
Shah	Jarna	Faculty	No		Averitas									No
Shankar	Hariharan	Faculty, Planning	No											No



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Silberstein	Stephen	Faculty	Yes	Abide Therapeutics, Alder Biopharmaceuticals, Allergan, Amgen, Avanir Pharmaceuticals, Biohaven Pharmaceuticals, Cefaly, Curelator, Dr. Reddy's Laboratories, Egalet Corporation, GlaxoSmithKline, EnEURA, electroCore Medical, Impel NeuroPharma, Lilly USA, Medscape, Novartis, Satsuma Pharmaceuticals, Supernus Pharmaceuticals, Teva Pharmaceuticals, Theranica, Trigemina										No
Simons	Laura	Faculty	No											No
Sivanesan	Eellan	Faculty	No											No
Souza	Dmitri	Faculty	No											No
Strand	Natalie	Faculty	No											No
Sutherland	Stephani	Faculty	Yes		Inland Valley Recovery Services									No
Toiba	Reda	Faculty, Planning	No											No
Vallejo	Ricardo	Faculty	Yes		Medtronic	Avanos				Stimgenics	CEO Stimgenics			No
Van Zundert	Jan	Faculty	No											No
Viscusi	Eugene	Board, Faculty, Planning	Yes	AcclRx	Heron, Innacoll, Merck, Recro Pharma, Salix, Shionogi	Heron, Salix								No
Vorenkamp	Kevin	CME, Faculty, Planning	No											No
Votta-Velis	Gina	Board, Faculty	No											No
Wallace	Mark	Faculty	No											No
Warren	Daniel	Faculty	No											Yes - buprenorphine preparations for pain
Weinstein	Michael	Faculty	No											No
Williams	Kayode	Planning	No											No
Younger	Jarred	Faculty	No											Yes- low dose naltrexone and low dose dextromethorphan
Zadina	James	Faculty	Yes						Inventor on patents covering compounds he will describe. These are assigned to Tulane University and the VA, who in turn has licensed them to Mirata Pharma					No