

**DATE PREPARED: 10/17/2022**

**PERSONAL DATA**

**Citizenship:** American Citizen  
Obtained for Outstanding Skills of National Health Interest  
(National Interest Waiver)

**Business Address:** University of Wisconsin  
Department of Anesthesiology  
600 Highland Ave.  
Madison, WI 53792-3272

**EDUCATION**

**UNDERGRADUATE/GRADUATE EDUCATION**

<b>Degree</b>	<b>Organization</b>	<b>Year(s) Attended</b>
MPH	Assuit University Assuit, Egypt	Jun 2006
MBBCh	Assuit University Assuit, Egypt	Dec 2000
	Nasser Secondary School Assuit Egypt	1991-1994

**POSTDOCTORAL EDUCATION**

<b>Title</b>	<b>Organization</b>	<b>Year(s) Attended</b>
Pain Medicine Fellowship	University of Cincinnati Cincinnati, Ohio, USA	Jul 2013 - Jun 2014
Anesthesiology Residency	University of Cincinnati Cincinnati, Ohio, USA	Jun 2010 - Jun 2014
Internship	University of Cincinnati Cincinnati, Ohio, USA	Jun 2009 - Jun 2010
Clinical Anesthesiology Research Fellowship	Cleveland Clinic Cleveland, Ohio, USA	Feb 2008 – Jun 2009
Internship	Assuit University Hospitals Assuit, Egypt	Mar 2001 - Feb 2002

**CERTIFICATION**

Executive MBA (In process)	
Certified Physician Executive (CPE) (In process)	
American Board of Anesthesiology Certified (Chronic Pain Medicine)	Sep 2016
American Board of Anesthesiology Certified (Anesthesiology)	Mar 2016
USMLE Step 3	Jul 2008
ECFMG Certificate	Sep 24, 2007
USMLE Step 2 CK	Aug 2007

USMLE Step 2 CS	Aug 2006
USMLE Step 2 CS	Aug 2006
USMLE Step 1	Oct 2005

## LICENSURE

Permanent WI State Medical License 62099 – 20

Permanent Ohio State Medical License 35.120110

Valid Permanent Egyptian Medical License

## PROFESSIONAL APPOINTMENTS/EMPLOYMENT HISTORY

Title	Organization	Years
Associate Professor Staff Anesthesiologist	Anesthesiology Department UW School of Medicine and Public Health Madison, WI, USA	Jul 2020 - present
<b>First Division Chief</b> Anesthesiology Department	Chronic Pain Medicine UW School of Medicine and Public Health Madison, WI, USA	Jan 2020 - present
<b>First Medical Director</b> UW Health Pain Services	Chronic Pain Medicine UW School of Medicine and Public Health, Madison, WI, USA	Jul 2015 - present
<b>Medical Director</b> UW Pain Clinic	Chronic Pain Medicine UW School of Medicine and Public Health Madison, WI, USA	Dec 2014 - present
<b>First Section Head</b> Anesthesiology Department	Chronic Pain Medicine UW School of Medicine and Public Health Madison, WI, USA	Jun 2017 - Jan 2020
Assistant Professor Staff Anesthesiologist	Anesthesiology Department UW-Madison School of Medicine and Public Health Madison, WI, USA	Aug 2014 – Jul 2020
Visiting Assistant Professor	Anesthesiology Department UW-Madison School of Medicine and Public Health Madison, WI, USA	Mar 2014 – Jul 2014
Fellow (Chief Fellow)	Pain Medicine Department, Anesthesiology University of Cincinnati Cincinnati, Ohio, USA	Jul 2013 – Jun 2014

Resident Doctor	Anesthesiology Department University of Cincinnati Cincinnati, Ohio, USA	Jun 2010 – Jun 2013
Intern	Anesthesiology Department University of Cincinnati Cincinnati, Ohio, USA	Jun 2009 – Jun 2010
Clinical Research Fellow	Outcomes Research Department Anesthesia Institute, Cleveland Clinic Cleveland, Ohio, USA	Feb 2008 – Jun 2009
Associate Lecturer	Public Health and Family Medicine Department Faculty of Medicine Assiut University Assiut, Egypt	Jul 2006 – Jan 2008
Assistant Lecturer	Public Health and Family Medicine Department Faculty of Medicine Assiut University Assiut, Egypt	Mar 2002 – Jul 2006
Intern	Assiut University Hospitals Assiut University Assiut, Egypt	Mar 2001 – Feb 2002

## LEADERSHIP TRAINING

Executive MBA (in process)

UW Health way lead level training: respect for people	2022
UW Health way lead level training: transformational leadership and OARS plus	2022
UW Health way lead level training: cross-functional teamwork	2022
UW Health way lead level training: continuous improvement	2022
UW Health way lead level training: strategic focus	2022
UW Health way lead level training: Real-time management system	2022
Certified Physician Executive (CPE) ( in process)	2022
American association for physician leadership (AAPL).	2022
AAPL. Building a Path to Leadership Excellence	
AAPL. Financial Skills for Executive Decision Making	2022
AAPL. Resolving conflict	2022
AAPL. Fundamentals of physician leadership: Influence	2021
AAPL. Fundamentals of physician leadership: Finance	2021
AAPL. Fundamentals of physician leadership: Negotiation	2021

AAPL. Fundamentals of physician leadership: Communication	2021
AAPL. Fundamentals of physician leadership: Quality	2021

## HONORS AND AWARDS

<b>Award</b>	<b>Organization</b>	<b>Year</b>
INS travel award, Barcelona, Spain	INS	2022
President's choice award for research	ASRA	2021
World Expert, top 0.1% pain scholars	Expertscape	2021
"Who's Who? in America"	Marquis	2019 – present
Fellow	American Society of Anesthesiology (FASA)	2019 – present
America's Top Doctors		2016 – present
America's Best Physicians		2016 – present
Top 10 Abstracts	ASIPP	2020
Travel Award	International Neuromodulation Society (INS)	2019
1 <sup>st</sup> Place Award Medically Challenging Case Reports	WSA	2019
2 <sup>nd</sup> Place Award Research	WSA	2019
3 <sup>rd</sup> Place Award Research	WSA	2019
Top 100 Pain Management Doctors	That's Great News	2018
Laura Bassi Scholarship (Partial Funding)		2018
Excellence in Student Research Award	Shapiro Program	2018
3 <sup>rd</sup> Place Award	MARC, Chicago, IL, USA	2017
Research featured	<i>MEDPAGE TODAY</i>	2016
Patient Experience Award	Pain Clinic, UW- Madison, Madison, WI, USA	2015
3 <sup>rd</sup> Place Award	MARC, Cleveland, OH, USA	2015
3 <sup>rd</sup> Place Award	OSA, Cleveland, OH, USA	2013
Young Investigator Travel Award	American Pain Society, New Orleans, Louisiana, USA	2013
2 <sup>nd</sup> Place Award	MARC, Kansas City, Missouri, USA	2013
Dean's List	University of Cincinnati, Cincinnati, Ohio, USA	2013
Featured research	<i>Anesthesiology News</i>	2013
Winner of the 3 <sup>rd</sup> Place Research Awards	OSA, Columbus, Ohio, USA	2012

Winner of the 2 <sup>nd</sup> Place Research Awards	OSA, Columbus, Ohio, USA	2012
Winner of the 1 <sup>st</sup> Place Research Awards	OSA, Columbus, Ohio, USA	2012
Winner of the 1 <sup>st</sup> Place Case Report Award	OSA, Columbus, Ohio, USA	2011
Winner of the 1 <sup>st</sup> Place Research Awards	OSA, Columbus, Ohio, USA	2011
Young Physician Achievements	<i>Findings Journal</i>	2011
"Top Story" Research Feature	American Association of Blood Banks and Doctors' Guide website	2010
Late breaking abstract	ASA, San Diego, California, USA	2010
Winner of the 1 <sup>st</sup> Place Research Award, OSA, Columbus, Ohio, USA.	OSA Columbus, Ohio, USA	2010
Best of Section, Education and Patient Safety Award (1 <sup>st</sup> Place)	IARS, Honolulu, Hawaii, USA	2010
1 <sup>st</sup> Place Award in Peri-Operative Studies Award	MARC, Cincinnati, Ohio, USA	2010
Best abstracts chosen by the ASA clinical conference coverage. Presented as broad cast online video presentation for the clinical conference coverage	ASA New Orleans, Louisiana, USA	2009
2 <sup>nd</sup> Place Award for the Clinical Bumpus Award (coauthor).	Cleveland Clinic, Cleveland, Ohio, USA	2009
Winner of the 1 <sup>st</sup> Research award	OSA, Columbus, Ohio, USA	2009
2 <sup>nd</sup> Place Award, OSA (coauthor and presenter)	OSA, Columbus, Ohio, USA	2009
First author and presenter for an abstract selected to be one of the top abstracts at the ASA journal symposium on biomarkers and perioperative outcomes,	ASA New Orleans, Louisiana, USA	2009
1 <sup>st</sup> Place Award	Anesthesiology Institute Research Day Cleveland Clinic, Cleveland, Ohio, USA.	2009
Senior and corresponding author for the top accessed manuscript	<i>Journal of Medical Case Reports</i>	2008
International Scholar	Cleveland Clinic Cleveland, Ohio, USA	2006
Graduation Honor Faculty of Medicine Honor received for maintaining very high-performance scores throughout the medical faculty study years	Assiut University Assiut, Egypt	2000

### MEDICAL SOCIETIES MEMBERSHIPS

International Association of Health Care Professionals

2016 - present

North American Neuromodulation Society (NANS)	2016 - present
Stem Cell and Regenerative Medicine Center (UW)	2015 - present
Wisconsin Society of Anesthesiologists (WSA)	2014 - present
Madison Society of Anesthesiologists	2014 - present
Wisconsin State Medical Society (WMA)	2014 - present
Dane County Medical Society	2014 - present
American Society of Regional Anesthesia and Pain Medicine (ASRA)	2012 - present
American Society of Anesthesiologists (ASA)	2009 - present
Outcomes Research Consortium, Cleveland Clinic, Cleveland, Ohio	2008 - present
American Pain Society (APS)	2013-2014
Member-at-Large of the ASRA Resident Section Committee (RSC)	2012-2014
ASRA Anticoagulation Committee	2012-2014
Ohio State Medical Association (OSMA)	2011-2014
American Society of Interventional Pain Physicians (ASIPP)	2010-2014
International Anesthesia Research Society (IARS)	2010-2014
American Society of Critical Care Anesthesiologists (ASCCA)	2010-2011
International Anesthesia Research Society (IARS)	2010-2014
Ohio Society of Anesthesiologists (OSA)	2009-2014
Society of Neurosurgical Anesthesia and Critical Care (SNACC)	2009-2010

## **SERVICE**

### **Committee Involvement**

Ad hoc member, newsletter committee, ASRA	2022 - present
Adjunct member, pain medicine research committee, ASRA	2022 - present
<b>Co-Chair</b> , NANS SPC committee	2022 - 2024
DEI committee, Anesthesiology, UW, Madison	2021 - present
R & D committee, Anesthesiology, UW, Madison	2021 - present
ASA delegate (Wisconsin), WSA	2021 - present
<b>Vice chair</b> , Education Committee, NANS	2021 - present
Social Media and Web Content <b>Consultant</b> , <i>Neuromodulation Journal</i>	2021 - 2022
Social Media and Web Content <b>Consultant</b> , <i>Neuromodulation Journal</i>	2021 - present
I-ASPEN committee	2021 - 2022
Annual meeting planning committee, ASPEN	2021
<b>Board of Directors</b> , WMS Delegate, WSA	2020
Department of Anesthesiology Operations Team	2020 - present

<b>Faculty</b> , NANS	2020 - present
<b>Secretary</b> , Wisconsin Society of Interventional Pain Physicians	2020 - present
Department of Anesthesiology Operations Team	2020 - present
<b>Faculty</b> , NANS	2020 - present
<b>Secretary</b> , Wisconsin Society of Interventional Pain Physicians	2020 - present
<b>Vice Chair</b> , Abdominal and Pelvic Pain SIG, ASRA	2019 - present
Social Media and Web Content Committee, <i>Neuromodulation Journal</i>	2019 - present
Global Interest Committee, Anesthesiology, UW-Madison	2019 - present
<b>Chair</b> , Pain Management Research Committee, UW-Madison	2019 - present
<b>Vice chair</b> , Headache Special Interest Group, ASRA	2018 - present
<b>Inaugural board of directors</b> , ASPN	2018 - present
<b>Faculty</b> , ASPN	2018 - present
<b>Faculty</b> , ASRA	2018 - present
<b>Faculty</b> , ASIPP	2018 - present
<b>Executive group</b> , Secretary, NANS Education Committee	2018 - 2021
Abstract Review Committee, NANS	2018 - present
INS Therapy Consensus Committee	2018 - present
Clinical Competency Committee, Anesthesiology, UW-Madison	2018 - present
Association of University Anesthesiologists (AUA) Council	2018 - present
Compliance Committee, Anesthesiology, UW-Madison	2018 - present
Educational Track Subcommittee on Pain Medicine, ASA	2017 - present
Pain Medicine Committee, ASA	2017 - present
Faculty Coordinator, MARC	2017 - present
Member at Large ASRA Industry Relations Committee	2017 - present
INS Education and CME Committee	2017 - present
INS Young Neuromodulators Subcommittee	2017 - present
INS Research and Scientific Oversight Committee	2017 - present
INS Quality Standards Subcommittee	2017 - present
Program Evaluation Committee, Anesthesiology, UW-Madison	2017 - present
Regenerative Medicine Special Interest Group, ASRA	2017 - present
ACTION Group Steering Committee, UW-Madison	2016 - present
Pain/Primary Care Group, UW-Madison	2016 - present
Controlled Substance Focus Group, UW-Madison	2016 - present
Operations' Council, MSC, UW-Madison	2016 - present

Madison Chronic Pain Committee (multiple institutes)	2016 - present
Planning Committee Member, Comprehensive Review of Pain Medicine	2015 - present
Headache Special Interest Group, ASRA	2015 - present
Neuromodulation Special Interest Group, ASRA	2015 - present
Perioperative point of care special interest group, ASRA	2015 - present
<b>Chair</b> , Pain Steering Committee, UW-Madison	2014 - present
Member, Annual Meeting Organizing Committee, ASPN	2021
<b>Secretary</b> , State Medical Board, Wisconsin	2020
<b>Chair</b> , Sponsorship and Prizes Committee, MARC	2020
Continuing Education Liaison, DSPS, State of Wisconsin	2019 - 2020
Member at Large, Newsletter Committee, ASRA	2018 - 2020
Education Committee, NANS	2017 - 2021
Compensation Committee, Anesthesiology Department, UW-Madison	2017 - 2020
State Medical Board, Wisconsin	2017 - 2020
Residents and Medical Students Committee, ASA	2017 - 2020
House of Delegates Member, ASA	2016 -2017
Midwest Caucus Member	2016 -2017
Midwest Teller, ASA	2016 -2017
Administrative Affairs Reference Committee	2016 - 2020
<b>Board of Directors</b> , ASA Alternate Delegate, WSA	2015 - 2017
Pain Medicine Committee, University of Cincinnati	2013 - 2014
Residents' Recruitment Committee, Anesthesiology, University of Cincinnati	2011 - 2013
Quality Assurance Committee, Anesthesiology, University of Cincinnati	2010 - 2014
Education Committee, Anesthesiology, University of Cincinnati	2010 - 2014
Research Committee, Anesthesiology, University of Cincinnati	2009 - 2014
Education Committee, OSA	2009 - 2013

### **Reviewer**

*Neuromodulation*

*Pain Physician*

*Anesthesia & Analgesia.*

*British Journal of Anesthesia*

*Journal of Clinical Anesthesia*

*The Journal of Pain*

*Pain Medicine*



*Pain Practice**Regional Anesthesia and Pain Medicine (RAPM)**INS Proposal Reviewer**The Ochsner Journal**British Journal of Medicine and Medical Sciences.**European Journal of Neurology**BMC Musculoskeletal Disorders**BMC Research Notes**WHO Eastern Mediterranean Health Journal.**Journal of Radiology Case Reports**Saudi Medical Journal**Cancer**Trends in Anesthesia and Critical Care***Infographics Editor***Regional Anesthesia and Pain Management (RAPM)*

2020 - 2021

*Pain Practice*

2022 till present

**Editorial board**

Dozens of Journals including

*Pain Physician**Pain and Therapy**Advances in Therapy**Frontiers in Pain Research**Neuromodulation**Journal of Pain Research***Section Editor***Current Headache and Pain Reports**Pain Physician**Medical Case Reports**Journal of Pain Management and Therapy***Lead Guest Editor***Brain Sciences (Neuroimaging of Neuropathic Pain: Review of Current Status and Future Directions)* 2022*Pharmaceutics (Targeted Drug Delivery for Chronic Pain Treatment).* 2022*Biomedicines (Peripheral Nerve Stimulation)* 2021

<i>The Scientific World Journal (Advances in Perioperative Management)</i>	2015
<b>Associate Editor</b>	
<i>Acta Medica Scientia</i>	
<i>International Journal of Anesthesiology and Pain Medicine</i>	
<i>Stem Cell Open Access Journal</i>	
<i>International Journal of Clinical Anesthesiology</i>	
<i>Regional Anesthesia and Pain Medicine (RAPM)</i>	
<i>Pain Practice</i>	
<b>Editor-in-Chief</b>	
<i>Pain Medicine Case Reports (ASIPP Journal)</i>	2020 - present
<b>Moderator/Judge</b>	
Moderator, ASPN, Miami, Florida, USA	2022
Moderator, ASRA, San Francisco, California, USA.	2021
Moderator, ASPN, Miami, Florida, USA	2021
Judge, MARC, USA	2021
Moderator, Poster Session, ASA, USA	2020
Moderator, Comprehensive Pain Review Course, Madison, WI, USA	2019
Moderator, Poster Session, ASRA, New Orleans, Louisiana, USA	2019
Co-Chair, Wisconsin Society of Anesthesiology (WSA), Milwaukee, Wisconsin, USA	2019
Judge, MARC, Detroit, Michigan, USA	2019
Moderator, Poster Session, ASRA, San Antonio, Texas, USA	2018
Judge, MARC, Chicago, Illinois, USA	2017
Moderator, Poster Sessions, ASA, Boston, Massachusetts, USA	2017
Editorial Board Member, Annual Ortho. Conference, Toronto, Ontario, Canada	2017
Moderator, Poster Sessions, ASA, Chicago, Illinois, USA	2016
Judge, MARC, Cleveland, Ohio, USA	2015 - 2016
Moderator - Distance Learning, ASA, San Francisco, CA, USA	2013
<b>Departmental Recruitment Participation</b>	
Recruiter, Chronic Pain Medicine Fellowship Program	2016 - present
UW School of Medicine and Public Health, Madison, WI, USA	
Recruiter, Chronic Pain Medicine Program	2015 - present
UW School of Medicine and Public Health, Madison, WI, USA	

Member, Residents' Recruitment Committee 2009 - 2013  
 Department of Anesthesiology, University of Cincinnati, Ohio, USA

### **PROGRAM AND SYSTEM DEVELOPMENT**

Founder, Chronic Pain Medicine Division and sub-sections, UW-Madison, WI	2021
Specialty Care Redesign for UW Health Pain Management, UW-Madison, WI	2020
Pain Management Protocol for Patients with Sickle Cell, UW-Madison, WI	2019
Management Protocol for Renal Autotransplant, UW-Madison, WI	2019
Management protocol for thoracic outlet syndrome patients, UW-Madison, WI	2019
Founder, Pain Clinic Space Expansion, UW-Madison, WI	2017
ePDMP Group, UW-Madison, WI	2017
Founder, Chronic Pain Medicine Section, Anesthesiology, UW-Madison, WI	2017
Founder, Inpatient Consult Service, Anesthesiology, UW-Madison, WI	2017
Founder, Chronic pain call schedule, Anesthesiology, UW-Madison, WI	2017
Founder, Inpatient Consult service call schedule, UW-Madison, WI	2017
Founder, Pelvic Pain Program, UW-Madison, WI	2016
Founder, Electronic order for office procedure	2016
Founder, Inpatient Pain Consult Service, Anesthesiology Department, UW-Madison, WI	2016
Founder, UW Outreach Chronic Pain Service, Mauston, WI	2016
Controlled Substance Initiative, UW-Madison, WI	2016
Co-founder Pain/Primary Care Group for UW system wide chronic pain management, UW-Madison, WI	2016
Founder UW outreach Chronic Pain Service in Sauk, Prairie City, WI	2016
UW Adults Chronic Pain Program Strategic Planning, WI	2016
GHC Insurance Pain Management Guidelines, WI	2016
Founder, Cancer Pain Program, UW-Madison, WI	2015
Pediatrics' Chronic Pain Program, UW, Madison, WI	2015
Founder, Inpatient Consult Service, UW, Madison, WI	2015
Inmate Clinic Pain Service, UW, Madison, WI	2015
Founder, Pain Clinic Space Expansion, UW, Madison, WI	2015
Founder, UW Chronic Pain Medicine Program Website, UW, Madison, WI	2015
Founder for the following subcommittees: Pediatric's Pain, Acute Pain, Adults' Pain and Cancer Pain, UW, Madison, WI	2015
Founder, Multidisciplinary Chronic Pain Program (Rehabilitation, Physical Medicine, Anesthesiology, Pain Psychology, Psychiatry), UW, Madison, WI	2014

**CURRICULUM AND POLICY DEVELOPMENT:**

ASA comments on proposed CDC clinical practice guidelines for prescribing	2022
ASPN low back pain management guidelines	2021
PDMP Delegation Protocol, UW Health, Madison, WI	2020
INS curriculum on spinal cord stimulation management	2019
INS curriculum on spinal cord stimulator implant	2019
INS curriculum on spinal cord stimulator trial	2019
Naloxone Delegation Protocol, UW-Madison, WI	2019
ASA, 21st Century Cures Act, including conditions and maintenance of certification requirements for health information technology (health IT)	2019
ASA response to Office of the National Coordinator for Health Information Technology (ONC) regarding health IT and there are provisions included on opioid use disorder (OUD) treatment and prevention	2019
Report on Pain Management Best Practices: Updates, Gaps, Inconsistencies, and Recommendations. Pain Management Best Practices Inter-Agency Task Force, ASA	2019
Systemic lidocaine for the treatment of pain adults/pediatric/inpatient/ambulatory/emergency department clinical practice guidelines, UW, Madison, Wisconsin	2018
Developing neuromodulation training curriculum, NANS	2018
Chair, Policy and Reimbursement Group, UW Health Opioids Task Force, UW-Madison, WI	2018
UW Health Opioids Task Force, UW-Madison, WI	2018
Pain management algorithm for opioids and non-opioids, UW-Madison, WI	2017
Policy for epidural and intrathecal (neuroaxial) analgesia, UW-Madison, WI	2017
Opioid safety after surgery, UW-Madison, WI	2017
Management of non-malignant chronic pain in primary care – adult – ambulatory clinical practice guideline, UW-Madison, WI	2017
Physician Champion, ePDMP delegation protocols, UW, Madison, Wisconsin	2017
Physician Champion, Health link (EPIC) opioids prescription safety checks UW-Madison, Wisconsin	
Founder, Community outreach academic detailing for safe opioids management, UW-Madison, Wisconsin	2017

Pain Management Assessment and Management Standards, The Joint Commission, UW-Madison, Wisconsin	2017
Chronic Pain Rotation, Acute Pain Fellows, Anesthesiology, UW-Madison, WI	2016
Founder, CME requirement, Opioids Management Training, UW, Madison, WI	2016
Management of Antithrombotic Therapy in the Setting of Periprocedural, Regional Anesthesia and/or Pain Procedures – Adult – Inpatient/Ambulatory, Clinical Practice Guideline, UW-Madison, WI	2016
Founder, Pharmacist Coordinator position, Pain and Opioid Stewardship, Business case, UW-Madison, WI	2016
Botulinum Toxin – Adult/Pediatric – Ambulatory Clinical Practice Guideline UW-Madison, WI	2016
Founder, International Observership Program, Chronic Pain Medicine UW-Madison, WI	2016
Founder, Chronic Pain Medicine elective for Geriatrics' Fellows, Internal Medicine UW-Madison, WI	2016
Founder, Chronic Pain Medicine bservership for undergraduate students UW-Madison, WI	2015
Policy for approving spinal cord stimulators by Unity Insurance Company, WI	2015
Founder, Chronic Pain Medicine elective for fourth year Psychiatry residents, UW-Madison, WI	2015
Founder, Chronic Pain Medicine for second year Internal Medicine residents, Primary Care track, UW-Madison, WI	2015
Founder, Chronic Pain Medicine elective for third year Internal Medicine residents, Primary Care track, UW-Madison, WI	2015
Chronic Pain Medicine elective for 4th year medical students, Anesthesiology, UW-Madison, WI	2015
Founder, Chronic Pain Medicine elective for CA-3 residents, Anesthesiology, UW-Madison, WI	2015
Founder, Chronic Pain Medicine for CA-2 residents, Anesthesiology, UW-Madison, WI	2015

**EXAMINER**

American Board for Interventional Pain Physicians (ABIPP)

2019 - present

**FUNDED RESEARCH:**

<b>Title</b>	<b>Role</b>	<b>Agency</b>	<b>Fund</b>	<b>PI</b>	<b>Year(s)</b>
Shapiro Program (Student Research Program)	PI	UW-Madison	\$ 8.600	Abd-Elsayed	May 2022 Jul 2022
Travel grant		INS	\$ 1000		2022
Shapiro Program (Student Research Program)	PI	UW-Madison	\$ 8.600	Abd-Elsayed	May 2021 Jul 2021
SGX Procura clinical trial	PI	SGX Medical	\$ 3,025	Abd-Elsayed	MAR 2021- April 2022
SGX NOVA, SCS study, DTM	PI	SGX Medical	\$ 18,800	Abd-Elsayed	MAR 2021- April 2022
Shapiro Program (Student Research Program)	PI	UW-Madison	\$ 12.900	Abd-Elsayed	May 2020 Jul 2020
Shapiro Program (Student Research Program)	PI	UW-Madison	\$ 8.600	Abd-Elsayed	May 2019 Jul 2019
Travel Grant		INS	\$ 1000		May 2019
Spinal Cord Stimulator (SCS) Dosing Study	PI	Medtronic	\$18,383	Abd-Elsayed	Jul 2018 – 2020
A Prospective, Multicenter, Randomized, Double-Blinded, Sham-Controlled Study to Evaluate the Efficacy and Safety of Clonidine Micropellets for the Treatment of Pain Associated with Lumbrosacral Radiculopathy in Adults: RePRIEVE-CM (Achieving Radicular Pain Relief Via Epidural Injection of Clonidine Micropellets)	PI	Sollis Therapeutics, Inc. STX-015-18-01	\$67,005	Abd-Elsayed	Oct 2018 – 2020
A Prospective, Multicenter, Randomized, Double-Blinded, Sham-Controlled Study to Evaluate the Efficacy and Safety of Clonidine Micropellets for the Treatment of Pain Associated with Lumbrosacral Radiculopathy in Adults: RePRIEVE-CM (Achieving Radicular Pain Relief Via Epidural Injection of Clonidine Micropellets)	PI	Sollis Therapeutics, Inc. STX-015-18-02	\$4,840	Abd-Elsayed	Oct 2018 – 2020
Medtronic Product Surveillance Registry (PSR)	PI	Medtronic	\$288, 750	Abd-Elsayed	Dec 2016 – present
Shapiro Program (Student Research Program)	PI	UW-Madison	\$12.900	Abd-Elsayed	May 2020 – Jul 2020
Shapiro Program (Student Research Program)	PI	UW-Madison	\$ 8.600	Abd-Elsayed	May 2019 – Jul 2019
Travel Grant		INS	\$ 1000		May 2019

Shapiro Program (Student Research Program)	PI	UW-Madison	\$8,600	Abd-Elsayed	May 2018 – Aug 2018
Shapiro Program (Student Research Program)	PI	UW-Madison	\$ 8,600	Abd-Elsayed	May 2017 – Aug 2017
Shapiro Program (Student Research Program)	PI	UW-Madison	\$ 8,600	Abd-Elsayed	May 2016 – Aug 2016
CREATE-1 Study: CRPS Treatment Evaluation 1 StudyA Randomized, Double-blind, Placebo-controlled Study to Assess the Efficacy and Safety of AXS-02 (Disodium Zoledronate Tetrahydrate) Administered Orally to Subjects with Complex Regional Pain Syndrome Type I (CRPS-I)	PI	Axsome Therapeutics, Inc. AXS02-301	\$ 97, 800	Abd-Elsayed	Jul 2016-Mar 2018
Prescription Drug Overdose Prevention: Opioid Stewardship in WI	PI	CDC	\$ 80,000	-----	Jan 2016
Phase 3, Randomized, Double-blind, Placebo-Controlled Study to Investigate the Efficacy and Safety of the XaraColl® Bupivacaine Implant (300 mg Bupivacaine Hydrochloride) After Open Laparotomy Hernioplasty	PI	Innocoll Block D, Monksland Business Park, Monksland, Athlone, Co. Roscommon Ireland INN-CB-014-016E	\$16,903	Abd-Elsayed	Oct 2015-Mar 2016
Management of myocardial injury After Non-Cardiac Surgery Trial	PI	Population Health Research Institute Hamilton, Ontario, Canada	\$ 5,200	Abd-Elsayed	Sep 2015-Mar 2017
Seed Funding	PI	UW-Madison	\$ 50,000	Abd-Elsayed	Sep 2015
Patient Registry of Intrathecal Ziconotide Management (PRIZM)	PI	Jazz Pharmaceuticals 13-001	\$ 10,933	Abd-Elsayed	Jun 2015-Mar 2017
A Qualitative Assessment of Patients' Perceptions of and Outcomes after Migraine Surgery	CO-I	UW-Madison 2014-1023	\$24,818	Ahmed Afifi	2015
Shapiro Program (Student Research Program)	PI	UW-Madison	\$ 8.600	Abd-Elsayed	May 2015-Jul 2015
Education grant, UW, Madison, WI, USA.	PI	Medtronic 27910	\$ 5,050	Abd-Elsayed	Jul 2015-Oct 2015

" Mechanism of Nociception Induced by Innocuous Cold in Trigeminal System" Assessment of the role of Retigabine in treating cold allodynia and neuropathic pain, animal-based study. University of Cincinnati, Cincinnati, OH, USA. Assessment of the role of CF 341 in treating cold allodynia and neuropathic pain, animal-based study. UC, Cincinnati, OH, USA.	CO-I	NIH (R01) DE018661	\$2,000,000	Gihango Gu	Dec 2008-Jul 2014
The effect of hyperinsulinemic glucose control on outcomes following cardiac surgery: a double blinded randomized clinical trial. Cleveland Clinic (CCF), Cleveland, OH, USA.	CO-I Lead coordinator	CCF/NIH	\$388,000	Andra Duncan	2008
Epidemiological analysis. Coptic Evangelical Organization for Social Services (CEOSS), Egypt.	Database Consultant	CEOSS	\$30,000 (estimated)	Laila Iskander	2007
Survey of attitude of Egyptian patients towards research participation and storage of human biological specimens, Assiut, Egypt.	CO-I	WHO	\$15,000 (estimated)	Alaa AbuZaid	2007
Child Protection Study, Save the Children UK – Bright Tomorrow NGO.	CO-I	NGO.	\$50,000 (estimated)	Laila Iskaner	2007
Cancer epidemiology education in special populations	CO-I	NCI R25 CA112383	\$2,731,461	Amr Soliman	Dec 2004-Aug 2012
Training program in Family Medicine for Primary Health care Physicians in Qena State, Egypt. EC and African Bank.	CO-I Lead trainer	European Community	250,000 Euro.	Ali Zarzour	2006-2008
Biomarkers of heavy metal exposure related to Pancreatic Cancer genetic mutations	CO-I	NCI R03CA123715	\$152,000	Amr Soliman	Jul 2006-Jul 2009
Gender differences in Bladder Cancer risk factors, Egypt. Georgetown University.	CO-I	NIH 5R01 CA115618-05	\$2,182,000	Atef Aziz	Apr 2006-Feb 2012
Molecular epidemiologic characterization of Inflammatory Breast Cancer	CO-I	NCI R03CA117350	\$152,000	Amr Soliman	Sep 2005-Aug 2008



Improving the quality of death certificate registration in Assiut, Egypt.	CO-I	WHO	\$15,000 (estimated)	Mohie Selim	2005
Skill oriented training program in family medicine for primary health care physicians in Upper Egypt, Ministry of Health in Egypt.	CO-I	WHO	\$10,000 (estimated)	Mohie Selim	2004
Intervention program for obesity in Assiut, Egypt.	CO-I	WHO	\$25,000 (estimated)	Mohie Selim	2004
Implementation and Evaluation of a smoking intervention control program for secondary students in Assiut, Egypt.	CO-I	WHO	\$15,000 (estimated)	Mohie Selim	2004
Cadmium, K-ras, and Pancreatic Cancer in Egypt	CO-I	NCI R03CA099513	\$150,000	Amr Soliman	Aug 2003-Aug 2005
Epidemiology of Pancreatic Cancer in the Northeast Nile Delta region of Egypt	CO-I	Topfer fund for pancreatic cancer research	\$ 50,000	Amr Soliman	Aug 2002-Jul 2003
<b>Total</b>			<b>\$8,935,998</b>		

### MENTOR IN MENTORSHIP PROGRAMS

Mentee	From	Institute	Program	Date	Duration
Keth Pride, MD	USA	UW-Madison	Chair of Promotion Committee	2022	NA
Mitchell Keith	USA	UW-Madison	Shapiro	2022	10 weeks
Nancy Cao	USA	UW-Madison	Shapiro	2022	10 weeks
Sarah Yapo	USA	UW-Madison	Shapiro	2022	10 weeks
Abri Roe Click	USA	UW-Madison	RUSCH	2022	10 weeks
Sarah Schubbe	USA	UW-Madison	152 credit	2022-2023	12 weeks
Max Jin	USA	UW-Madison	699 credit	2022-2023	24 weeks
McKenzie Braun	USA	UW-Madison	699 credit	2022-2023	24 weeks
Jin Yucheng	USA	UW-Madison	699 credit	2021-	24 weeks

				2022	
Nguyen Tran	USA	UW-Madison	699 credit	2021- 2022	24 weeks
Meaghan Kenfield	USA	UW-Madison	Research credit	2021	8 weeks
Angelica Izuogu	USA	UW-Parkside	RUSH Program	2021	10 weeks
Adam Ghouse	USA	UW-Parkside	RUSH Program	2021	10 weeks
Kenneth Fiala	USA	UW-Madison	Shapiro Program	2021	10 weeks
Joshua Martens	USA	UW-Madison	Shapiro Program	2021	10 weeks
Carol Garcia	USA	UW-Madison	Shapiro Program	2020	10 weeks
Nicholas Zacharias	USA	UW-Madison	Shapiro Program	2020	10 weeks
Sydney Schmidt	USA	UW-Madison	Shapiro Program	2020	10 weeks
Bradley Stelter	USA	UW-Madison	Research Credits	2020	12 weeks
Christopher Glover	USA	UW-Madison	Research Rotation	2020	4 weeks
Brett Marshal	USA	UW-Madison	Research Rotation	2020	4 weeks
Navjit Singh	USA	UW-Madison	Undergraduate research credits	2019- 2020	1 year
Rewais Hanna	USA	UW-Madison	Medical school research rotation/research credits	2019	2 weeks
Susan Luo	USA	UW-Madison	Shapiro student	2019	10 weeks
Cody Falls	USA	UW-Madison	Shapiro student	2019	10 weeks
Markus Jackson	USA	UW-Madison	Resident research rotation	2019	4 weeks
Michael Gyorfi	USA	UW-Madison	Medical school research rotation/research credits	2019	2 weeks
Meghan Hughes	USA	UW-Madison	Medical school research rotation/research credits	2019	4 weeks
Keneth Fiala	USA	UW-Madison	RUSH Program	2019	10 weeks
Michael Gyorfi	USA	UW-Madison	Path of distinction	2019	10 months

Myles Storey	USA	UW-Madison	699 credit	2019	10 weeks
Tyler Crabaugh	USA	UW-Madison	152 credit	2019	12 weeks
Natalie Raphael	USA	UW-Madison	Clinical observer	2019	2 weeks
Amit Doshi	USA	Penn State University, PA	ASRA junior faculty mentorship program	2019	
Kenneth Fiala	USA	UW-Madison	699 credit	2018- 2019	10 weeks
Christopher Mitry	USA	UW-Madison	699 credit	2018- 2019	10 weeks
Minbo Bai	USA	UW-Madison	Research Rotation	2018- 2019	1 year
Katya Garza	USA	UW-Madison	Undergraduate Research Scholar	2018- 2019	1 year
Haley Sisel	USA	UW-Madison	Undergraduate Research Scholar	2018- 2019	1 year
Sean Nguyen	USA	UW-Madison	Shapiro Program	May 2018	10 weeks
Michael Loebertman	USA	UW-Madison	Shapiro Program	2018	10 weeks
Emily Narel	USA	UW-Madison	RUSCH Program	2018	10 weeks
Kenneth Fiala	USA	UW-Madison	RUSCH Program	2018	10 weeks
Basel Nabeel	Egypt	UW-Madison	International observe/Honorable fellow	2017	8 weeks
Bohan Xing	USA	UW-Madison	Shapiro Program	2017	10 weeks
Antonious Anis	USA	UW-Madison	Shapiro Program	2017	10 weeks
Georgina Kamel	USA	UW-Madison	Honorable Fellow	2017	16 weeks
Ali Zahran	UAE	UW-Madison	International Observe/Honorable Fellow	2017	1 week
Markus Jackson	USA	UW-Madison	Resident Mentee	2016	4 years
Lei Zhao	China	UW-Madison	International Observe/Honorable Fellow	2016	1 year

Brooke Anderson	USA	UW-Madison	Volunteer	2016	4 months
Troy Thompsen	USA	UW-Madison	Observer	2016	1 week
Nicolas Brown	Australia	UW-Madison	Observer	2016	1 week
David Francis	USA	UW-Madison	Shapiro Program	2016	10 weeks
Laura Kruger	USA	UW-Madison	Shapiro Program	2016	10 weeks
Paul Panasiuk	USA	UW-Madison	Shapiro Program	2015	10 weeks
Yusi He	USA	UW-Madison	Shapiro Program	2015	10 weeks

### **PAIN FELLOWS I TRAINED**

<b>Fellow</b>	<b>Institute</b>	<b>Date</b>
Jacob Kraemer	UW-Madison	2021-2022
Matthew Cawling	UW-Madison	2021-2022
Chen Cui	UW-Madison	2020-2021
Richard Tennant	UW-Madison	2020-2021
Sook Yoon	UW-Madison	2019-2020
Leo Varzi	UW-Madison	2019-2020
Rai Desai	UW-Madison	2018-2019
Larry Manders	UW-Madison	2018-2019
Michael Suer	UW-Madison	2017-2018
Lou Graham	UW-Madison	2016-2017
Mathews Timp	UW-Madison	2015-2016

### **PUBLISHED PEER-REVIEWED MANUSCRIPTS:**

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- \*Jin MY, D'Souza RS, Abd-Elseyed AA. Efficacy of Neuromodulation Interventions for the Treatment of Sexual Dysfunction: A Systematic Review. *Neuromodulation*. 2022 Aug 15:S1094-7159(22)00758-9.
- Hussain N, Karri J, Dimitrov T, D'Souza RS, Zhou S, Abdel-Rasoul M, Abd-Elseyed A, Gill J, Simopoulos T, Weaver TE. Incidence and Predictors of Inadvertent Dural Puncture After Percutaneous Spinal Cord Stimulation: A Retrospective Data Base Analysis. *Neuromodulation*. 2022 Aug 14:S1094-7159(22)00760-7.
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- Sam J, Pastrak M, Duda L, Vladicic N, Vrooman B, Ma F, Khandwalla F, Abd-Elseyed A, Catapano M, McGilvray S, Khan JS, Visnjevac O. Clinical Radiofrequency Ablation Outcomes of Combined Sensory Nerve Branch and Dorsal Entry Root Zone Complex Lesions for Sacroiliac Joint Complex Pain. *Adv Ther*. 2022 Jun 9.
- Suer M, Wahezi SE, Abd-Elseyed A, Sehgal N. Cervical Facet Joint Pain and Cervicogenic Headache Treated With Radiofrequency Ablation: A Systematic Review. *Pain Physician*. 2022 May;25(3):251-263.
- Manchikanti L, Simopoulos TT, Pampati V, Manchikanti MV, Kosanovic R, Abdi S, Sanapati MR, Koyalagunta D, Knezevic NN, Beall DP, Soin A, Kaye AD, Abd-Elseyed A, Hirsch JA. Impact Of COVID-19 Pandemic and Updated Utilization Patterns of Sacroiliac Joint Injections from 2000 to 2020 in The Fee-For-Service (FFS) Medicare Population. *Pain Physician*. 2022 May;25(3):239-250.

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#### **INVITED LECTURES AND SCIENTIFIC ORAL PRESENTATIONS:**

- Chronic abdominal pain: treatment algorithm. Pain Week, Las Vegas, Nevada, USA, 2022.

- Waveforms in peripheral nerve stimulation. WIP, Budapest, Hungary, 2022.
- History and development of wave forms. WIP, Budapest, Hungary, 2022.
- Peripheral nerve stimulation wave forms. ASIPP, PNS webinar, 2022.
- Peripheral nerve stimulation for the lower extremity. FSIPP, Tampa, Florida, USA, 2022.
- Intrathecal drug delivery for treating cancer pain. INS/Neuromodulation journal club, 2022.
- The Technology Behind Innovative Localized Treatments, for Relief from Chronic Neuropathic Pain. ASIPP, Las Vegas, Nevada, USA, 2022.
- PNS innovative technology. ASIPP, Las Vegas, Nevada, USA, 2022.
- The Burden of Coronavirus Disease 2019–Related Cases, Hospitalizations, and Mortality Based on Vaccination Status and Mandated Mask Use: Statewide Data From Wisconsin and Narrative Review of the Literature. Webinar by the A & A journal, 2022.
- Engaging trainees at pathway to promotion/ leveraging learners. Junior faculty development seminar. Anesthesiology, UW, Madison, WI, USA, 2022.
- Facial pain syndromes. Otolaryngology grand rounds, UW, Madison, WI, USA, 2022.
- Advances in wireless peripheral nerve stimulation. ASPN, Las Vegas, Nevada, USA, 2022.
- Intrathecal medications for treating cancer pain. SWISS pain congress, Montreux, Switzerland, 2021.
- Infusion therapy for treating pain conditions. SWISS pain congress, Montreux, Switzerland, 2021.
- Advances in peripheral nerve stimulation. SWISS pain congress, Montreux, Switzerland, 2021.
- Radiofrequency ablation of the hip joint. I-ASPN, Virtual webinar, 2021.
- Sonographic anatomy in chronic pain medicine. New York and New Jersey pain somposium, Jersey City, New Jersey, USA, 2021.
- Diabetic neuropathy, state of the art. General Medicine grandrounds, UW, Madison, WI, USA, 2021.
- Post-Surgical Neuralgia: Diagnosis and Treatment. Pain Week, Las Vegas, Nevada, USA, 2021.
- Optimizing Medical Management of Neuropathic Pain: Case Studies Addressing Modern Care Challenges with Painful Diabetic Peripheral Neuropathy of the Feet. Pain Week, Las Vegas, Nevada, USA, 2021.
- Abd-Elseyed A. Utility of Electrical Neuromodulation for Treating Chronic Pain Syndrome in the Pediatric Setting, a Systematic Review. AHN Continuing Medical Education Innovations in Pain Management Course Program, Allegheny Health Network, Pittsburgh, PA, USA, 2021.
- Advances in Peripheral Nerve Stimulation. NWPG, England, 2021.
- Intrathecal drug delivery. ASPN, Miami, Florida, USA, 2020.

- Interventional headache and role of RFA. ASPN, Miami, Florida, USA, 2020.
- Opioid prescribing for acute and chronic pain. MSA, Minneapolis, Minnesota, USA, 2020.
- Guidelines for opioid prescription. MidSOUTH nursing conference, Little Rock, Arkansas, USA, 2020.
- Neuromodulation for treating chronic pain. Grand Rounds, Neurosurgery Department, Madison, Wisconsin, USA, 2020.
- Integrative solutions to challenges in chronic pain management. Reid Health, Richmond, Indiana, USA, 2019.
- Integrative solutions to challenges in chronic pain management. Johnson Memorial Hospital, Abington, VA, USA, 2019.
- Intrathecal Drug Delivery: Optimal Management of Patients with Pain and/or Spasticity/IDDS for Chronic Non-Cancer Pain: PRO, ASRA, New Orleans, Louisiana, USA, 2019.
- Nerve blocks and RFA for the knee and hip joints. ASIPP, Memphis, Tennessee, USA, 2019.
- The LGBTQ: The least studied population in medicine. ASA, Orlando, Florida, USA, 2019.
- Advances in pain medicine: implications for the physical therapist. WPTA, Madison, Wisconsin, USA, 2019.
- Opioids prescription guidelines and the most recent updates on cannabinoids. WSC, Madison, WI, USA, 2019.
- Advances in interventional headache. SECI, Assiut, Egypt, 2019.
- Advances in wireless peripheral nerve stimulation. SECI, Assiut, Egypt, 2019.
- ASA pain: Anesthesiologists' Tailored approach to patient safety considerations when using opioid analgesics. WSA, Milwaukee, WI, USA, 2019.
- Establishing a Chronic Pain Program. WSA, Milwaukee, USA, 2019.
- Headache and a typical facial pain, nerve blocks and radiofrequency ablation, Comprehensive pain review course, UW-Madison, Wisconsin, USA, 2019.
- The opioid epidemic, prescribers' safe practice. Live webinar, NSC, 2019.
- Peripheral nerve stimulation. Case conference, Anesthesiology, UW-Madison, Wisconsin, USA, 2019.
- Safer Prescribing of Opioids after Trauma and Surgery (SPOTS). Introduction to the role of prescription opioids in the opioid crisis. UW, Madison, Wisconsin, USA, 2019.
- Longitudinal Data from the Targeted Drug Delivery Product Surveillance Registry: Pocket Fill Risk, Identification and Mitigation. INS, Sydney, Australia, 2019.

- Advanced pain procedures for treating chronic pain. Orthopedic surgery grand rounds, UW-Madison, Wisconsin, USA, 2019.
- Targeted Drug Delivery (TDD) as an Effective Cancer-Pain Therapy: Registry Safety and Patient Outcomes. NANS, Las Vegas, Nevada, USA, 2019.
- Use of Cooled Radiofrequency Ablation for refractory Meralgia Paresthetica. ASRA, San Antonio, TX, USA, 2018.
- Intrathecal Drug Delivery in 2018: Mechanisms, Guidelines, and Practice/Latest on IDDS Outcomes. Plenary Session, ASRA, San Antonio, TX, USA, 2018.
- SCS and IDDS Practical Demonstration for Implantable Success/Safe Intrathecal Therapy Practices. PA/NP/Nursing, ASRA, San Antonio, TX, USA, 2018.
- Perioperative considerations for patients with spinal cord stimulators and intrathecal pumps. Israel Society of Anesthesiology, Tel Aviv, Israel, 2018.
- Advances in chronic pain procedures. Assiut University, Assiut, Egypt, 2018.
- Hello health, dissociating pain management from opioids in the local culture, patient education initiatives. ASA, San Francisco, CA, USA, 2018.
- Part Two: Radiofrequency Ablation of the Spine and Major Joints, Updates on Technology and Outcomes. Refresher course, ASA, San Francisco, CA, USA, 2018.
- Part One: Radiofrequency Ablation of the Spine and Major Joints, Updates on Technology and Outcomes. Refresher course, ASA, San Francisco, CA, USA, 2018.
- Anesthetic considerations for patients with implanted chronic pain devices. WSA, Sheboygan, WI, 2018.
- Advances in Neuromodulation. Ain Shams University, Cairo, Egypt, 2018.
- Local anesthetic drugs: pharmacology and clinical application. Comprehensive review of pain medicine, UW, Madison, Wisconsin, USA, 2018.
- Cranial nerve blocks and facial pain syndromes. Comprehensive review of pain medicine, UW-Madison, Wisconsin, USA, 2018.
- Combating the opioids epidemic. Arizona Pharmacy Association, Phoenix, Arizona, USA, 2018.
- Interventional headache and facial pain syndromes. ASIPP, Chicago, Illinois, USA, 2018.
- EVOLVE workflow and ITDD updates. ASIPP, Chicago, Illinois, USA, 2018.
- Fibromyalgia and chronic knee osteoarthritis. Second year medical students' clerkship, UW-Madison, Madison, Wisconsin, USA, 2018.
- Interventions for treating headache and facial pain syndromes. South Egypt Cancer Institute, Assiut, Egypt, 2018.

- Advances in neuromodulation. Egyptian Society of Anesthesiology, Cairo, Egypt, 2018.
- Interventional headache procedures. Egyptian Society of Anesthesiology, Cairo, Egypt, 2018.
- Radiofrequency ablation for treating meralgia Paresthetica. MARC, Cincinnati, Ohio, USA, 2018.
- Targeted Drug Delivery Utilization as a Therapy Option in Cancer Pain: Safety and Patient Outcomes from a Large Multi-Center Registry. World ASRA, New York, NY, 2018.
- Intrathecal drug delivery medications, NANS website, 2018.
- Intrathecal drug delivery in perspective, NANS website, 2018.
- Role of UW in combating the opioids epidemic. Governor's task force for opioids crisis. UW-Madison, Madison, WI, 2017.
- Pain management for peripheral nerve injury. Peripheral nerve symposium, UW-Madison, Madison, WI, USA, 2017.
- Genicular nerve RFA for treating chronic knee pain. plenary session, Ortho annual meeting, Toronto, Canada, 2017.
- Opioid crisis in the workplace. Plenary session, NAOHP, Chicago, IL, USA, 2017.
- Upper extremity and pericranial nerve blocks. Plenary session, South Egypt Cancer institute annual meeting, Hurghada, Egypt, 2017.
- Basics of ultrasound use. Plenary session, South Egypt Cancer institute annual meeting, Hurghada, Egypt, 2017.
- Anesthetic considerations for chronic pain patients with implanted devices and more. Plenary session, Wisconsin Society of Anesthesiologists, Wisconsin Dells, Wisconsin, USA, 2017.
- The opioid crisis: considerations for prescribers. Plenary session, Illinois oral health conference. Bloomington, Illinois, USA, 2017.
- Local anesthetic drugs: pharmacology and clinical application. Comprehensive review of pain medicine. UW, Madison, Wisconsin, USA, 2017.
- Cranial nerve blocks and facial pain syndromes. Comprehensive review of pain medicine. UW, Madison, Wisconsin, USA, 2017.
- Rationale opioid prescribing with discussing the CDC and Wisconsin guidelines. Hospitalists staff meeting, UW-Madison, Madison, Wisconsin, USA, 2017.
- Cooled RFA for treating chronic hip pain. Plenary session, Taiwan Society of Minimally Invasive Spine Surgery, Taipei, Taiwan, 2017.
- Cooled RFA for treating chronic knee pain. Plenary session, Taiwan Society of Minimally Invasive Spine Surgery, Taipei, Taiwan, 2017.
- Chronic pain management. Divine Savior Health System, Portage, Wisconsin, USA, 2017.

- RFA for treating chronic pain conditions. Plenary session, IX central American Congress of Neurosurgery, Guatemala City, Guatemala, 2017.
- RFA for treating neuroaxial and joint painful conditions. Cemesa Hospital. Guatemala City, Guatemala, 2017.
- RFA for treating cervical pain and knee pain. Yarden Hospital. Guatemala City, Guatemala, 2017.
- RFA for treating neuroaxial and joint painful conditions. General de Accidentes de IGSS Hospital. Guatemala City, Guatemala, 2017.
- RFA for treating lumbar low back pain and knee pain. El Pilar Hospital. Guatemala City, Guatemala, 2017.
- RFA for treating sacroiliac joint pain and knee pain. Militar Hospital. Guatemala City, Guatemala, 2017.
- RFA for treating neuroaxial and joint painful conditions. Sermesa Hospital. Guatemala City, Guatemala, 2017.
- RFA for peripheral nerves for treating chronic pain conditions and headache. Egyptian Society of Anesthesiology, Cairo, Egypt, 2017.
- Ultrasound for nerve blocks for treating chronic pain conditions. Egyptian Society of Anesthesiology, Cairo, Egypt, 2017.
- Pulsed radiofrequency for treating resistant sural neuralgia. MARC, Chicago, IL, USA, 2017.
- Closed circuit T2-3 blood patch for a Jehovah's Witness patient. MARC, Chicago, IL, USA, 2017.
- Facial pain syndromes and blocks. ENT staff meeting, UW, Madison, WI, USA, 2017.
- Anesthesia for advanced pain procedures. Grand Rounds, Anesthesiology Department, UW, Madison, WI, USA, 2017.
- Radiofrequency ablation for treating chronic headache. Shapiro Program, UW, Madison, WI, USA, 2016.
- RFA for chronic pain conditions. Dubai, United Arab Emirates, 2016.
- RFA for chronic pain conditions. International Medical Center, Jeddah, Saudi Arabia, 2016.
- RFA for chronic pain conditions. King Abdul Aziz University, Jeddah, Saudi Arabia, 2016.
- Opioids epidemic and academic detailing. Quality and Safety Panel, UW, Madison, WI, USA, 2016.
- Chronic pain management for the surgical patients. General Surgery Grand Rounds, UW, Madison, WI, USA, 2016.
- Cranial Nerve Blocks and Facial Pain Syndromes. Comprehensive Review of Pain Medicine. UW School of Medicine and Public Health, Madison, WI, USA, 2016.

- What do we know about opioids, risks and benefits? Christ TV Satellite Channel, Los Angeles, California, USA, 2016.
- Challenging painful conditions, Cancer pain and Neuropathy. Christ TV Satellite Channel, Los Angeles, California, USA, 2016.
- Neck pain, joints pain and pelvic pain. Christ TV Satellite Channel, Los Angeles, California, USA, 2016.
- Low back pain, chest pain and abdominal pain. Christ TV Satellite Channel, Los Angeles, California, USA, 2016.
- Nerve blocks for treating headache and facial pain conditions. GHC staff meeting, Madison, WI, USA, 2016.
- Cancer pain management. UW, Carbone Cancer Center grand rounds, Madison, WI, USA, 2016.
- Nerve blocks and advanced therapies for treating pelvic pain. Part of the course titled "Mastering pelvic pain; strategies and techniques for a multimodal approach. SGS meeting, Palm Springs, California, USA, 2016.
- Spinal cord stimulator implantation for idiopathic peripheral neuropathy. MARC, Minneapolis, Minnesota, USA, 2016.
- Intercostal radiofrequency ablation for intercostal neuralgia. MARC, Minneapolis, Minnesota, USA, 2016.
- Facial nerve blocks and radiofrequency ablation for treating headache conditions. In service nursing staff meeting, Madison Surgical Center, Madison, WI, USA, 2016.
- Opioids in the management of non-malignant chronic pain / Nerve blocks and radiofrequency ablation. Division of Pharmacy professional development, UW School of Medicine and Public health, Madison, WI, USA, 2015.
- Cranial Nerve Blocks and Facial Pain Syndromes. Comprehensive Review of Pain Medicine. UW School of Medicine and Public health, Madison, WI, USA, 2015.
- A challenging percutaneous spinal cord stimulator placement on a patient with levoscoliosis. MARC, Cleveland, Ohio, USA, 2015.
- Pain review lecture series for Ortho/Rehab Pain fellow, UW School of Medicine and Public health, Madison, WI, USA, 2015-present.
- Pain boards review lecture series. For anesthesiology residents, UW School of Medicine and Public health, Madison, WI, USA, 2015-present.
- Study of chronic orofacial pain with preclinical models. Federation of American societies for experimental biology. Bethesda, Maryland, 2014.



- Chronic pain in children. A lecture for residents, American Family Hospital, UW, Madison, WI, USA, 2014.
- Advances in neuromodulation for chronic pain management. Grand rounds, Anesthesiology, University of Cincinnati, Cincinnati, Ohio, USA, 2014.
- Capsazepine alleviates trigeminal neuralgia that manifested with cold allodynia and hyperalgesia in a rat model. Abstract presented at the ASA meeting, San Francisco, California, USA, 2013.
- Role of potassium channel activators in pain management. Grand rounds, Anesthesiology Department, University of Cincinnati, Cincinnati, Ohio, USA, 2013.
- Anesthetic consideration for a patient with multiple pterygia syndrome (aka excobar syndrome). Abstract presented at the MARC meeting, Kansas City, Missouri, USA, 2013.
- Anesthetic considerations for a patient with hypothenar hammer syndrome. Abstract presented at the MARC, Kansas City, Missouri, USA, 2013.
- Anesthesia for an obstetric patient with postural orthostatic tachycardia syndrome. Abstract presented at the SOAP meeting, Monterey, California, USA, 2012.
- Hereditary angioedema and pregnancy. Abstract presented at the SOAP meeting, Monterey, California, USA, 2012.
- Biostatistics and research design, boards review. A lecture for the cardiovascular fellows, University of Cincinnati, Cincinnati, Ohio, USA, 2011-2013.
- Anesthetic considerations in a parturient with a Klippel-Trenaunay Weber Syndrome. Abstract presented at the SOAP, Las Vegas, Nevada, USA, 2011.
- Management of severe pulmonary hypertension in a parturient with a recent diagnosis of systemic lupus erythematosus. Abstract presented at the MARC meeting, Chicago, USA, 2011.
- Biostatistics and research design, boards review. A lecture for residents, University of Cincinnati, Cincinnati, Ohio, USA, 2011-2013.
- Impact of Peri-operative Transfusion of Fresh Blood on Post-operative Mortality. Abstract presented at the American Society of Blood Banks, Baltimore, Maryland, USA, 2010.
- Does peri-operative transfusion of fresh blood reduce post-operative mortality?. Abstract presented at the OSA meeting, Columbus, Ohio, USA, 2010.
- Outcomes of bariatric surgery in national surgical quality improvement program. Abstract presented at the MARC meeting, Cincinnati, Ohio, USA, 2010.
- Hyperglycemia and outcomes after cardiac surgery. Abstract presented at the MARC meeting, Cincinnati, Ohio, USA, 2010.

- Impact of cigarette smoking on major surgical complications. Abstract presented at the MARC meeting, Cincinnati, Ohio, USA, 2010.
- A nomogram for predicting surgical complications in bariatric surgery patients. Abstract presented at the MARC meeting, Cincinnati, Ohio, USA, 2010.
- Visual Loss and Impairment after Spine Surgery: A Case Control Study at the Cleveland Clinic. Online video presentation for the clinical conference coverage (ASA 2009), New Orleans, Louisiana, USA, 2009.
- Impact of cigarette smoking on major surgical complications. Abstract presented at the Cleveland Clinic research day, Cleveland, Ohio, USA, 2009.
- The relationship between intraoperative and postoperative glucose concentrations in predicting outcomes after cardiac surgery. Abstract presented at the OSA meeting, Columbus, Ohio, USA, 2009.
- TAP catheter analgesia in postoperative renal transplant pain control. Abstract presented at the OSA meeting, Columbus, Ohio, USA, 2009.
- Do increasing intraoperative glucose concentrations worsen outcomes after cardiac surgery?. Abstract selected for oral presentation at the ASA Journal Symposium on Biomarkers and Perioperative Outcomes, New Orleans, USA, 2009.
- Do increasing intraoperative glucose concentrations worsen outcomes after cardiac surgery?. Abstract presented at the Cleveland Clinic Anesthesiology research day, Cleveland, Ohio, USA, 2009.
- Is there is a relationship between patient characteristics and consenting rate for randomized clinical trials?. Abstract presented at the MARC meeting, Chicago, USA, 2009.
- Anesthetic Management of Pregnant Patients with Brain Tumors. Abstract presented at the MARC meeting, Chicago, USA, 2009.
- Is there is a relationship between patient characteristics and consenting rate for randomized clinical trials?. Grand rounds of the Department of Outcomes Research, Anesthesiology Institute, Cleveland Clinic, Cleveland, Ohio, USA, 2009.
- Anesthetic Management of Pregnant Patients with Brain Tumors. Grand rounds of the Department of Anesthesiology, Cleveland Clinic, Cleveland, Ohio, USA, 2009.
- Is there is a correlation between the tissue oxygenation and the age of transfused blood?. Grand rounds of the Department of Outcomes Research, Anesthesiology Institute, Cleveland Clinic, Cleveland, Ohio, USA, 2008.

- Balancing risk: red blood cell transfusion strategies in major non-cardiac surgeries. Grand rounds of the Department of Outcomes Research, Anesthesiology Institute, Cleveland Clinic, Cleveland, Ohio, USA, 2008.
- Does socioeconomic status differs significantly between patients of muscle invasive bladder cancer and controls?. Abstract presented at the scientific conference of South Egypt Cancer Institute, Hurghada, Egypt, 2008.
- Study of risk factors of urinary bladder cancer in Assiut Governorate. Abstract presented at the annual meeting of the Egyptian Association of Public Health and Community Medicine in Faculty of Medicine, Assiut University, Assiut, Egypt, 2006.
- Study of risk factors of urinary bladder cancer in Assiut Governorate. Master thesis defense presentation, Faculty of Medicine, Assiut University, Assiut, Egypt, 2005.
- Familial aggregation of pancreatic cancer in Egypt. Grand Rounds, Public Health Department, Faculty of Medicine, Assiut University, Assiut, Egypt, 2004.

## **WORKSHOPS:**

- Spinal cord stimulation, fluoroscopic guided workshop, ASPN, Miami, Florida, USA, 2022.
- Ultrasound lower extremity peripheral nerve stimulation, NANS, Orlando, Florida, USA, 2022.
- Wireless SCS. ASPN, Las Vegas, Nevada, USA, 2022.
- Musculoskeletal exam, ASRA, San Francisco, California, USA, 2021.
- Coordinator for US and fluoroscopic guided workshops, ASRA, San Francisco, California, USA, 2021.
- Adductor canal block and genicular nerve blocks, ultrasound workshop, ASA, San Diego, California, USA, 2021.
- Peripheral nerve stimulation, NANS, Las Vegas, Nevada, USA, 2021.
- Surgical suturing, NANS, Orlando, Florida, USA, 2021
- Vertebral Augmentation II (Advanced): Thoracic Vertebral Augmentation, Vertebral Implants (KIVA), and Vertebral RFA (Advanced Course), ASRA, New Orleans, Louisiana, USA, 2019.
- Ultrasound and Fluoroscopy for Blocks of the Head and Neck (Trigeminal, SPG, Cervical Medial Branches and Facet Injection, Cervical SNRB, GON/TON, Stellate Ganglion) (Advanced Course), combined ultrasound and cadaver workshop, ASRA, New Orleans, Louisiana, 2019.
- Major Joint Denervation Techniques: Radiofrequency and Cryoablation Lesions, Articular Nerve Blocks (Knee, Hip, Shoulder), Combined Ultrasound and Cadaver Workshop, ASRA, New Orleans, Louisiana, 2019.

- Lumbar facet joint injections. Cadaver workshop, Memphis, Tennessee, 2019.
- SIJ injections. Cadaver workshop, ASIPP, Memphis, Tennessee, 2019.
- Upper extremity nerve blocks. US workshop on live models. SECI, Assiut, Egypt, 2019.
- Chronic pain procedures under fluoroscopic guidance. SECI, Assiut, Egypt, 2019.
- Chronic pain procedures. US workshop on live models. WSA, Milwaukee, USA, 2019.
- Cooled and Conventional RFA of the Thoracic and Cervical Spine, Intercostal Nerves. Cadaver Workshop, ASRA, San Antonio, TX, USA, 2018.
- Regenerative Medicine and MSK Seminar and Workshop: Procedures and Techniques. Cadaver Workshop, ASRA, San Antonio, TX, USA, 2018.
- Major Joints: Radiofrequency and Cryoablation Lesions, Articular Nerve Block – Knee, Hip, Shoulder. Cadaver Workshop, ASRA, San Antonio, TX, USA, 2018.
- Pain procedures for treating chronic pain. Ultrasound Workshop, Israel Society of Anesthesiology, Tel Aviv, Israel, 2018.
- Hands on training on chronic pain procedures. Ultrasound Workshop, SECI, Assiut, Egypt, 2018.
- Dorsal column, DRG and peripheral nerve stimulation. Cadaver Workshop, Little Rock, Arkansas, USA, 2018.
- Sympathetic block techniques. Cadaver Workshop, ASIPP, Memphis, TN, USA, 2018.
- Stellate ganglion and trigeminal nerve block techniques. Cadaver Workshop, ASIPP, Memphis, TN, USA, 2018.
- Sacroiliac joint radiofrequency ablation techniques. Cadaver Workshop, ASIPP, Memphis, TN, USA, 2018.
- Nerve blocks for treating headache. Cadaver Workshop, ASIPP, Memphis, TN, USA, 2018.
- Sacroiliac joint injection technique. Cadaver Workshop, ASIPP, Memphis, TN, USA, 2018.
- Spinal cord stimulator implantation techniques. Cadaver Workshop, Ain Shams University, Cairo, Egypt, 2018.
- Genicular nerve blocks. Ultrasound Workshop, SECI, Assiut, Egypt, 2018.
- Genicular nerve block. Ultrasound Workshop, ASA, Boston, Massachusetts, USA, 2017.
- Body nerve blocks. Ultrasound Workshop, South Egypt Cancer Institute Annual Meeting, Hurghada, Egypt, 2017.
- Spinal cord stimulators and intrathecal pumps. Cadaver Workshop, UW School of Medicine and Public Health, Madison, WI, USA, 2015.

**SCIENTIFIC POSTER PRESENTATIONS:**

- Nieuwoudt S, Howe A, Szabo E, McGaughey M, Liu D, Ingram E, Ahmad S, Bolding M, Sojn A, Abd-Elseyed A, Franke M. A novel injectable helical wire rope structure electrode (Injectrode) enables minimally invasive placement and removal of a neurostimulator. Neuroelectronic Interfaces Gordon Research Conference, Ventura, California, USA, 2022.
- \*Finnem M, Abd-Elseyed A. Use of Peripheral Nerve Stimulation in the Treatment of Intractable Sural and Posterior Tibial Neuralgia. AAPM, New Orleans, Louisiana, USA, 2022.
- \*Kraemer J, Abd-Elseyed A. Peripheral Nerve Stimulation for Chronic Ilioinguinal and Genitofemoral Neuralgia: A Light at the End of the Tunnel. NANS, Orlando, Florida, USA, 2022.
- \*Habibi M, Abd-Elseyed A. Non-Permanent Peripheral Nerve Stimulators for Treatment of Postoperative-Related Chronic Pain. NANS, Orlando, Florida, USA, 2022.
- Abd-Elseyed A, Schultz D, Zeong H, Spencer R, Bahl C. Updated Longitudinal Data from the Targeted Drug Delivery (TDD) Product Surveillance Registry: Effect of Pump Durable Design Changes. NANS, Orlando, Florida, USA, 2022.
- \*Cawling M, Finnem M, Abd-Elseyed A. Peripheral Nerve Stimulation For Prolonged Effective Relief of Intractable Ilioinguinal and Genitofemoral Neuralgia.: A Case Study. ASRA, Orlando, Florida, USA, 2021.
- \*Finnem M, Abd-Elseyed A. Use of peripheral nerve stimulation in the treatment of intractable ilioinguinal and genitofemoral neuralgia. ASRA, Orlando, Florida, USA, 2021.
- Hussain N, Muhammad M, Simopoulos T, Weaver T, Schroell R, Abd-Elseyed A, Gill J. The incidence of spinal cord injury after spinal cord stimulator implant: An updated retrospective review. ASRA, Orlando, Florida, USA, 2021.
- \*Rushmer T, Abd-Elseyed A. Elimination of Neuropathic and Phantom Limb Pain After 60 Days of Peripheral Nerve Stimulation in a Patient with Amputation After Blast Injury. ASRA, Orlando, Florida, USA, 2021.
- \*Habibi M, Abd-Elseyed A. A Case of Cooled Radiofrequency Ablation of Nervous Femoralis to Treat Greater Trochanteric Pain Syndrome. ASRA, Orlando, Florida, USA, 2021.
- \*Fiala K, Marten J, Abd-Elseyed A. Peripheral nerve stimulation for treating pain. Shapiro program, UW, Madison, Wisconsin, USA, 2021.
- \*Marten J, Fiala K, Abd-Elseyed A, Izuogu A. Pulsed Radiofrequency for treatment of Trigeminal Neuralgia. Shapiro program, UW, Madison, Wisconsin, USA, 2021.
- \*Habibi M, Abd-Elseyed A. Non-Permanent Nerve Stimulators for Treatment of Postoperative-Related Chronic Pain. ASA, San Diego, California, USA, 2021.

- Zhou S, Hussain N, Gill J, Simopoulos T, Abd- Elsayed A, Weaver T. The incidence of spinal cord injury after spinal cord stimulator implant: an updated retrospective review. OSA, Ohio, USA, 2021.
- Nadherny W, Pham A, Fiala F, Urits I, Viswanath O, Abd-Elsayed A. Efficacy of Electrical Spinal Cord Stimulation with Neuromodulating Medications. Twenty-Third Annual Meeting, American Society of Interventional Pain Physicians (ASIPP). New Orleans, Louisiana, USA, 2021.
- \*Fiala K, Marten J, Abd-Elsayed A. Lumbar peripheral nerve stimulation for chronic low back pain, Shapiro program presentation, UW, Madison, Wisconsin, USA, 2021.
- Abd-Elsayed A, Gyrofi M. Cooled Radiofrequency Ablation for Treating Ilioinguinal and Genitofemoral Neuralgias: A Case Report. AAPM, Columbus, Ohio, USA, 2021.
- Calodney A, Hatheway J, Abd- Elsayed A, Xu J, Slangen R, Johaneck L. The Evolve Workflow: Spinal Cord Stimulation (SCS) Programming from the Product Surveillance Registry. WIP, 2020.
- Alaa Abd-Elsayed, J Karri. Prevention of Opioid Induced Hyperalgesia with Peri-Operative Ketamine in a Chronic Pain Patient. ASRA, 2020.
- Polson G, Sun J, Karri J, Orhurhu C, Abd-Elsayed A. Prevention of Opioid-Induced Hyperalgesia with Peri-Operative Ketamine in a Chronic Pain Patient. ASRA, 2020.
- Alaa Abd-Elsayed, J Karri. Use of Electrical Neuromodulation for Treating Chronic Pain Syndromes in the Pediatric Population. ASRA, 2020.
- Abd-Elsayed A, Bajracharya G, Sharkawy H. Subcostal Anterior Versus Posterior Medial Quadratus Lumborum Block in Abdominal Surgery: A Retrospective Analysis. ASA, 2020.
- Desai R, Abd-Elsayed A. Spinal Cord Stimulation for Idiopathic Peripheral Neuropathy. NANS, Las Vegas, Nevada, USA, 2020.
- Abd-Elsayed A, Karri J. Comparison of Spinal Cord Stimulation Waveforms for treating Chronic Low Back Pain: A Systematic Review and Meta-analysis. ASIPP, 2020.
- El-Naggar A, Reis C, Hatheway J, Schmidt T, Pico T, Sanapati M, Abd-Elsayed A, Patel A, Calodney A, Nair A, Tan Y, McCammon S, Cleland A. Using lower amplitudes to maintain effective HD SCS therapy – the SCS Dosing study. NANS, Las Vegas, Nevada, USA, 2020.
- El-Naggar A, Reis C, Hatheway J, Schmidt T, Pico T, Sanapati M, Abd-Elsayed A, Patel A, Calodney A, Nair A, Tan Y, McCammon S, Cleland A. Variations in perception threshold amplitudes from positional changes with low dose and high dose spinal cord stimulation therapy - SCS Dosing Study. NANS, Las Vegas, Nevada, USA, 2020.
- El-Naggar A, Reis C, Hatheway J, Schmidt T, Pico T, Sanapati M, Abd-Elsayed A, Patel A, Calodney A, Nair A, Tan Y, McCammon S, Cleland A. Characterization of active electrodes in

chronic back and leg pain patients treated with HD SCS therapy. NANS, Las Vegas, Nevada, USA, 2020.

- Abd-Elseyed A. Peripheral nerve stimulation for treating sural neuralgia. NANS, Las Vegas, Nevada, USA, 2020.
- Starns L, Abd-Elseyed A, Schultz D. Longitudinal Data from the Targeted Drug Delivery (TDD) Product Surveillance Registry: Effect of Pump Durable Design Changes. NANS, Las Vegas, Nevada, USA, 2020.
- Schultz D, Abd-Elseyed A, Hatheway J, Zhang X, Weaver T, Spencer T. Longitudinal Data from the Targeted Drug Delivery (TDD) Product Surveillance Registry: Pump Pocket Location. NANS, Las Vegas, Nevada, USA, 2020.
- El-Naggar A, Reis C, Hatheway J, Schmidt T, Pico T, Sanapati M, Abd-Elseyed A, Tan Y, McCammon S. Positional changes resulting in variations of perception threshold amplitudes with SCS Dosing Study. CSIPP, Napa, California, USA, 2019.
- El-Naggar A, Reis C, Hatheway J, Schmidt T, Pico T, Sanapati M, Abd-Elseyed A, Tan Y, McCammon S. Characteristics of Patients using High Dose (HD) Spinal Cord Stimulation - The SCS Dosing Study. CSIPP, Napa, California, USA, 2019.
- El-Naggar A, Reis C, Hatheway J, Schmidt T, Pico T, Sanapati M, Abd-Elseyed A, Patel A, Calodney A, Nair A, Tan Y, McCammon S, Cleland A. Variations in perception threshold amplitudes from positional changes with low dose and high dose spinal cord stimulation therapy - SCS Dosing Study. ASRA, New Orleans, Louisiana, USA, 2019.
- El-Naggar A, Reis C, Hatheway J, Schmidt T, Pico T, Sanapati M, Abd-Elseyed A, Patel A, Calodney A, Nair A, Tan Y, McCammon S, Cleland A. Characterization of active electrodes in chronic back and leg pain patients treated with HD SCS therapy. ASRA, New Orleans, Louisiana, USA, 2019.
- \*Fischer M, Abd-Elseyed A. Pulsed radiofrequency for treating resistant sural neuralgia. ASRA, New Orleans, Louisiana, USA, 2019.
- \*Karri J, Abd-Elseyed A. Exploring diversity in pain literature. ASRA, New Orleans, Louisiana, USA, 2019.
- \*Schroeder S, Abd-Elseyed A. Successful treatment of chronic pelvic pain with peripheral nerve stimulator. ASRA, New Orleans, Louisiana, USA, 2019.
- \*Zhao L, Abd-Elseyed A. Homeopathy or allopathy for neuropathy? Evidence for nerve stimulators in the treatment of peripheral neuralgia. ASA, Orlando, Florida, USA, 2019.

- \*Luo S, Abd-Elseyed A. TAP block as treatment modality for chronic abdominal pain. WSA, Milwaukee, USA, 2019.
- \*Zhao L, Abd-Elseyed A. Homeopathy or allopathy for neuropathy? Evidence of nerve stimulators in the treatment of peripheral neuralgia. WSA, Milwaukee, USA, 2019.
- \*Schalow C, Abd-Elseyed A. evaluating the efficacy of checking the PDMP in Wisconsin on reducing opioids prescriptions. WSA, Milwaukee, USA, 2019.
- \*Roche I, Neguyan S, Flanny K, Abd-Elseyed A. radiofrequency ablation for treating headache. WSA, Milwaukee, USA, 2019.
- \*Gyorfi M, Abd-Elseyed A. radiofrequency ablation for the treatment of refractory occipital neuralgia. WSA, Milwaukee, USA, 2019.
- El-Naggar A, Reis C, Hatheway J, Schmidt T, Pico T, Sanapati M, Abd-Elseyed A, Tan Y, McCammon S. Characteristics of Patients using High Dose (HD) Spinal Cord Stimulation - The SCS Dosing Study. NAPA pain meeting, California, USA, 2019.
- Abd-Elseyed A. Radiofrequency ablation for treating headache, A novel approach. ASPN, Miami, Florida, USA, 2019.
- Starnes L, Abd-Elseyed A, Eldabe S, Schultz D, Schiess M, Stromberg K, Plunkett R. Longitudinal Data from the Targeted Drug Delivery (TDD) Product Surveillance Registry: MRI Risk Mitigation. INS, Sydney, Australia, 2019.
- Mitry C, Abd-Elseyed A. Peripheral nerve stimulation for treating sural neuralgia. Undergraduate symposium, UW-Madison, Wisconsin, USA.
- Sisel H, Garza K, Abd-Elseyed A. Examining the diversity of social identities among US medical school students. Undergraduate symposium, UW-Madison, Wisconsin, USA.
- Abd-Elseyed A. Spinal cord stimulation for treating peripheral neuropathy. NANS, Las Vega, Nevada, USA, 2019.
- Hatheway J, Calodney A, Eldabe S, Abd-Elseyed A, Tan Y, Weaver T, Spencer R. Targeted Drug Delivery (TDD) For Nonmalignant Pain (NMP): Low Dose Monotherapy Approach. NANS, Las Vega, Nevada, USA, 2019.
- Abd-Elseyed A. Spinal cord stimulators for peripheral neuropathy. NANS, Las Vega, Nevada, USA, 2019.
- \*Manders L, Abd-Elseyed A. Cluneal Peripheral Nerve Stimulation: Case Report of Effective Analgesia for an Underdiagnosed Cause of Low Back Pain. NANS, Las Vega, Nevada, USA, 2019.



- Abd-Elseyed A, Perruchoud C, Spencer R, Stromberg K, Weaver T, Stearns L. Targeted Drug Delivery (TDD) Utilization as a Therapy Option in Cancer Pain: Safety and Patient Outcomes from the Product Surveillance Registry (PSR). NANS, Las Vega, Nevada, USA, 2019.
- \*Deasi R, Abd-Elseyed A. Cooled radiofrequency ablation for treating meralgia paresthetica, ASRA, San Antonio, TX, USA, 2018.
- \*Nguyen S, Fiala K, Abd-Elseyed A. Radiofrequency ablation for treating supraorbital and supratrochlear neuralgia associated with chronic headache. ASRA, San Antonio, TX, USA, 2018.
- \*Wendhal A, Abd-Elseyed A. Peripheral nerve stimulator trial and permanent implant for ilioinguinal and genitofemoral neuralgia. ASRA, San Antonio, TX, USA, 2018.
- \*Loebertman M, Narel E, Abd-Elseyed A. Effect of hardware on radiofrequency ablation. ASRA, San Antonio, TX, USA, 2018.
- \*Loebertman M, Narel E, Abd-Elseyed A. Radiofrequency ablation for patients with pacemakers. ASRA, San Antonio, TX, USA, 2018.
- \*Manders L, Abd-Elseyed A. Pulsed Radiofrequency Ablation for sural neuralgia: Effective treatment for a rare cause of chronic ankle pain. ASRA, San Antonio, TX, USA, 2018.
- \*Kravchenko K, Abd-Elseyed A. Radiofrequency ablation for treating meralgia paresthetica. ASRA, San Antonio, TX, USA, 2018.
- \*Potter B, Abd-Elseyed A. Alveolar Nerve Blocks for Refractory Facial Pain. ASA, San Francisco, CA, USA, 2018.
- Loebertmann M, Abd-Elseyed A. One versus two nerve blocks before performing RFA. Shapiro program, UW, Madison, Wisconsin, 2018.
- Nguyen S, Abd-Elseyed A. RFA for treating headache conditions. Shapiro program, UW, Madison, Wisconsin, 2018.
- \*Narel E, Abd-Elseyed A. One vs Two Diagnostic Blocks Before Performing Radiofrequency Ablation. Presentation at RUSCH program, UW, Madison, Wisconsin, USA, 2018.
- \*Fiala K, Abd-Elseyed A. Radiofrequency Ablation for Treating Headache. Presentation at RUSCH program, UW, Madison, Wisconsin, USA, 2018.
- Perruchoud C, Abd-Elseyed A, Spencer R, Stromberg K, Weaver T, Stearns L. Safety and Effectiveness of Targeted Drug Delivery (TDD) for Cancer Pain Management: Results from the Product Surveillance Registry (PSR). INS, European Chapter, Nijmegen, The Netherlands, 2018.
- \*Tarawneh O, Abd-Elseyed A. Use of Spinal Cord Stimulator Therapy in Patients with Lumbar Back and Lower Extremity Diabetic Neuropathy. Undergraduate symposium, UW-Madison, Wisconsin, USA, 2018.

- Israel J, Brys N, Salem A, Anderson B, Abd-Elsayed A, Smith J, Afifi A “Like a Normal Person Again:” A Qualitative Analysis of the Impact of Migraine Surgery. Plastic Surgery Research Council, Birmingham, Alabama, USA, 2018.
- Abd-Elsayed A, Calodney A, Perruchoud C, Spencer R, Stromberg K, Weaver T, Stearns L. Safety and Effectiveness of Targeted Drug Delivery (TDD) for Cancer Pain Management: Results from the Product Surveillance Registry (PSR). WIP, Dublin, Ireland, 2018.
- O’Gorman C, Abd-Elsayed A, Goebel A, Jones A, Kapural L, Niecestro R, Paez J, Tabuteau H. Clinical Development of AXS-02 for Complex Regional Pain Syndrome. AAPM, Vancouver, Canada, 2018.
- Jackson M, Abd-Elsayed A. Spinal cord stimulation for painful diabetic neuropathy complicated by Charcot foot syndrome. NANS, Las Vegas, Nevada, USA, 2018.
- \*Netzel C, Abd-Elsayed A. A successful implementation of spinal cord stimulator therapy for lumbar back and lower extremity diabetic neuropathy. NANS, Las Vegas, Nevada, USA, 2018.
- \*Netzel C, Abd-Elsayed A. A challenging application of spinal cord stimulator therapy for lumbar back pain secondary to traumatic L1 vertebral body compression fracture. NANS, Las Vegas, Nevada, USA, 2018.
- Abd-Elsayed A. Spinal cord stimulator for treating chemotherapy induced peripheral neuropathy. NANS, Las Vegas, Nevada, USA, 2018.
- Abd-Elsayed A. Spinal cord stimulator implantation for treating peripheral neuropathy. NANS, Las Vegas, Nevada, USA, 2018.
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