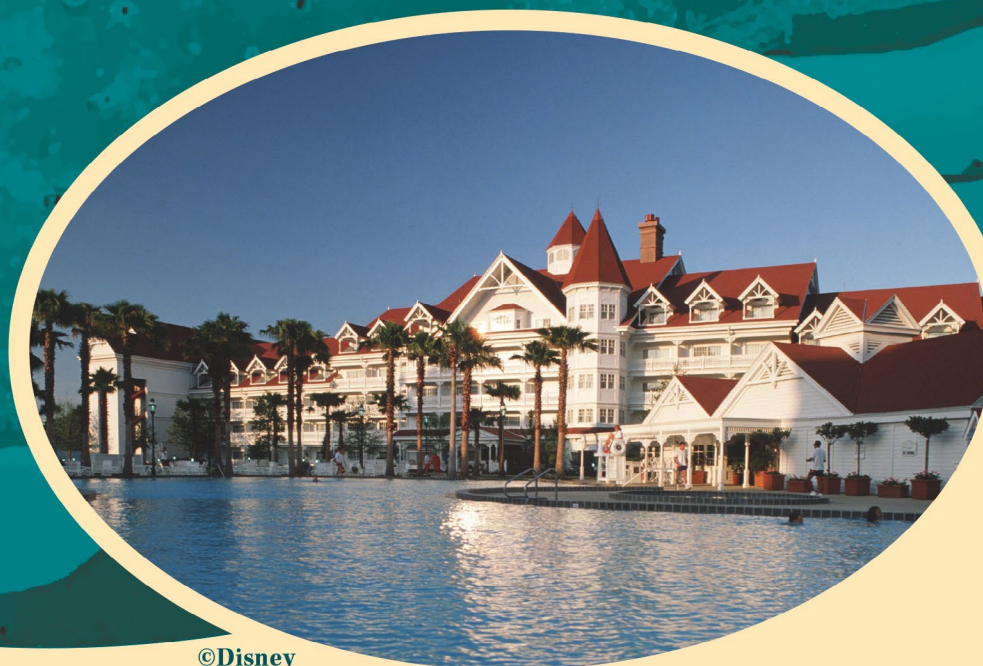




**AMERICAN ACADEMY
OF OROFACIAL PAIN**

47TH SCIENTIFIC MEETING

MAY 4–7, 2023



©Disney

Updates on Facial Pain, Headache, Wellness & Sleep



FLORIDA

DISNEY'S GRAND FLORIDIAN RESORT & SPA



Message from the 2023 Program Committee

AAOP - 2022/2023 OFFICERS

ROBERT MIER, DDS
President

JEFFREY GOLDBERG, DDS
President-Elect

MARIONA MULET DDS, MS
Treasurer

MICHELE A SCHULTZ, DMD
Secretary

ISABEL MORENO HAY, DDS, PHD
Secretary-Elect

JEFFREY SHAEFER, DDS
Council Chair

JAY L. MACKMAN, DDS
Council Vice-Chair

Council Members:

NOJAN BAKHTIARI, DDS

BRIJESH P CHANDWANI, DMD

JAMES HAWKINS, DDS, MS

THOMAS WEBER, DDS, MS

SHERWIN ARMAN, DMD

SHUCHI DHADWAL, BDS, DMD

Parliamentarian

ANDREW SMITH, DDS

Executive Director

KENNETH CLEVELAND

The continuing education and program committees of the American Academy of Orofacial Pain (AAOP) is honored to invite you to its 47th scientific meeting: **Updates on Facial Pain, Headache, Wellness and Sleep**. This conference at the beautiful Disney Grand Floridian Resort in Lake Buena Vista, FL on May 4-7, 2023 will provide the latest information in the dental specialty of Orofacial Pain with a focus on the wellness of our patients.

The content of this meeting will help fulfill our obligation to remain current for the benefit of our patients as clinicians, educators and researchers in the field of orofacial pain and associated disorders. There surely will be topics of interest for all in attendance. Please review the important presentations and world class presenters who will be providing with the latest information in the field. For those of you who are physically unable to attend; **the meeting will also be provided virtually**. Finally, we know that no meeting is complete without a chance to socialize and catch up with your colleagues. We hope to see you at the President's Reception Friday night and have some built in free time Saturday evening so you can take advantage of being at Disney World.

Dr. Mariona Mulet
Co-Chair
2023 Annual Scientific Meeting

Dr. Alex Vaughn
Co-Chair
2023 Annual Scientific Meeting

AAOP Mission & Orofacial Pain Specialty

The American Academy of Orofacial Pain, an organization of dentists and other health professionals, is dedicated to alleviating pain and suffering through the promotion of excellence in education, research, and patient care in the specialty of orofacial pain and associated disorders.

Orofacial Pain (OFP) is the specialty of dentistry that encompasses the diagnosis, management and treatment of pain disorders of the jaw, mouth, face and associated regions. The specialty of Orofacial Pain is dedicated to the evidenced-based understanding of the underlying pathophysiology, etiology, prevention, and treatment of these disorders and improving access to interdisciplinary patient care.

Who Should Attend?

All interested dentists, physicians, physical therapists, researchers, mental health care professionals and other practitioners who diagnose, manage, and treat orofacial pain disorders.



Accreditation Statement

The American Academy of Orofacial Pain is a Nationally Approved PACE Program

Provider for FAGD/MAGD credit. Approval does not imply acceptance by any regulatory authority or AGD endorsement. Current Term 1/1/2022–12/31/2024. Provider AGD ID # 218197.

Total credit educational hours being offered at this conference are 28 (including core conference, preconference workshops, breakfast forums & lunch sessions). The core conference offers 17.5 CE hours. Each preconference offers an additional 6 CE hours, each breakfast forum provides 1 CE hour and each Lunch and Learn provides 1.25 CE hours. Each attendee should claim only those hours of credit that he/she actually spent in the education. Workshops, breakfast & lunch sessions all require additional registration.

Conference Clinical and Academic Learning Objectives

During the AAOP 2023 Scientific Meeting Attendees will:

1. Learn and understand about the Orofacial Pain (OFP) dental specialty
2. Learn about and understand the relationship between OFP and headaches
3. Understand the diagnosis and management of pain in adults, adolescents, and children
4. Explore the role of the dentist in sleep medicine and understanding of sleep disorders
5. Explore the role of the dentist in patient wellness
6. Learn about the National Academies report on TMD
7. Explore the role of bruxism with regard to pain and wellness
8. Develop an understanding of access to care issues in orofacial pain practices

FACULTY

Sherwin Arman, DMD, MPH	Paul Durham, PhD	Marc Martel, MD	Christina Semonick, MS, CCC-SLP
Dennis Bailey, DDS	Eli Eliav, DMD, PhD	Isabel Moreno Hay, DDS, PhD	Maram Taema, BDS, MS
Steve Bender, DDS	Stan Farrell, DDS	Mariona Mulet, DDS, MS	Donald Tanenbaum, DDS, MPH
Ian Boggero, PhD	Qiman Gao, BDS, PhD, MSc,	Donald Nixdorf, DDS, MS	Luigi Taranto Montemurro, MD
Brijesh Chandwani, DMD	Shruti Handa, DMD	Richard Ohrbach, DDS, PhD	Antonia Teruel Castellon, DDS
Mary Charles Haigler, DMD, MS	James Hawkins, DDS, MS	Tonya Palermo, PhD	Alex Vaughan, DDS, MS
Glenn Clark, DDS	Michael Howell, DMD	Connor Peck, DDS, MS	Harry Von Piekartz, PT, PhD, MSc, MT
Joseph Cohen, DDS	Emily Kahnert, DPT, CCTT	Janey Prodoehl, PT, PhD, CCTT	Thomas Weber, DDS, MS
Timothy Collins, MD	Mike Karegeannes, DPT CCTT	Mona Riskalla, MD, MS	Richard Zimmerman, MD
David Darrow, MD	Matthew Lark, DDS, MAGD	Marcela Romero Reyes, DDS, PhD, FAHS	
Gary DeWood, DDS, MS	Daniele Manfredini, DDS		

PRELIMINARY PROGRAM OVERVIEW

Updates on Facial Pain, Headache, Wellness and Sleep

THURSDAY | MAY 4, 2023

8:00 am - 5:00 pm

OROFACIAL PAIN INTRODUCTORY PROGRAM

(Additional Registration Required)

8:00 am - 4:00 pm

PRE-CONFERENCE WORKSHOPS

(Additional Registration Required)

- I. Digital Scanning and Printing – Alex Vaughan, DDS
- II. Craniofacial Pain: Clinical Solutions for Complex Presentations – Harry Von Piekartz, PT, PhD, MSc, MT
- III. Diagnostic and Therapeutic Injections in Orofacial Pain and Headache – Donald Tanenbaum, DDS, MPH, Shruti Handa, DMD, Matthew Lark, DDS, MAGD, and Stan Farrell, DDS

FRIDAY | MAY 5, 2023

7:00 am - 8:00 am

BREAKFAST SESSIONS: (Additional Registration Required)**BREAKFAST SESSION 1**

What Have we Learned on the Potential Benefits and Problems Associated with Cannabis Use in the Context of Chronic Pain Management? – Marc O Martel, PhD

BREAKFAST SESSION 2

Assessment of Disordered Breathing in Orofacial Pain – Janey Prodoehl, PT, PhD

7:30 am - 8:00 am

Continental Breakfast with Exhibitors

8:00 am - 5:00 pm

OROFACIAL PAIN INTRODUCTORY PROGRAM

(Additional Registration Required)

8:00 am - 8:30 am

Welcome Remarks and Meeting Opening & Presentation of New Fellows & Introduction of New Members

8:30 am - 8:45 am

Tribute to Dr. Robert Merrill – Donald Tanenbaum, DDS, MPH

PLENARY SESSIONS:

8:45 am - 9:30 am

PLENARY 1

Making Pain Matter: Prioritizing Prevention and Management of Chronic Pain in Children and Adolescents – Tonya Palermo, PhD

9:30 am - 10:15 am

PLENARY 2

The National Academy of Medicine 2020 Report on Temporomandibular Disorders: Progress, Opportunities and Perspectives – Richard Ohrbach, DDS, PhD

10:15 am - 10:40 am

Break with Exhibitors & Posters

10:40 am - 11:25 am

PLENARY 3

Neuropathic Orofacial Pain: From Basic Science to Clinical Application – Eli Eliav, DMD, PhD

11:25 am - 12:10 pm

PLENARY 4

Trigeminal Neuralgia - Make the Diagnosis, Know your Risks – Richard Zimmerman, MD

12:10 pm - 12:30 pm

Panel Discussion

12:30 pm - 1:45 pm

Lunch on Your Own

Residents and Recent Graduates Luncheon

or

LUNCH & LEARNS (Additional Registration Required)**LUNCH & LEARN 1**

Botox for Migraine Prevention – Timothy Collins, MD

LUNCH & LEARN 2

Orofacial Pain Practice Management Tips – Rich Cohen, DDS

12:00 pm - 1:15 pm

Residents & Recent Grads Luncheon

PLENARY SESSIONS:

1:45 pm - 2:30 pm

PLENARY 5

Pharmacological Management of Obstructive Sleep Apnea – Luigi Taranto Montemurro, MD

2:30 pm - 3:15 pm

PLENARY 6

Long-Term Opioid Therapy in Chronic Pain: Research Findings on Opioid Misuse and Clinical Implications – Marc O Martel, PhD

3:15 pm - 3:35 pm

Break with Exhibitors & Posters

3:35 pm - 4:20 pm

PLENARY 7

Demystifying Neuromodulation - Treatment Options for Headache, Neuropathic Pain and Other Refractory Pains – David Darrow, MD, MPH

4:20 pm - 5:05 pm

PLENARY 8

Glial Targets for Neuropathic Orofacial Pain – Paul Durham, MS, PhD

5:05 pm - 5:20 pm

Panel Discussion

5:20 pm - 5:50 pm

AAOP General Membership Meeting

5:50 pm - 6:05 pm

New Members and Fellow Orientation

6:15 pm - 9:30 pm

President's Reception

SATURDAY | MAY 6, 2023

7:00 am - 8:00 am

BREAKFAST SESSIONS: (Additional Registration Required)**BREAKFAST SESSION 3**

Accurate Classification and Treatment Outcomes: Getting to know ICOP – Donald Nixdorf, DDS, MS

BREAKFAST SESSION 4

Sleep, Pain and the Gut Microbiome – Dennis Bailey, DDS

7:30 am - 8:00 am

Continental Breakfast with Exhibitors & Posters

PLENARY SESSIONS:

8:10 am - 9:00 am

PLENARY 9

Acupuncture in the Management of Orofacial Pain – James Hawkins, DDS, MS

9:00 am - 9:45 am

PLENARY 10

Unraveling the Orofacial Cervical Complex – Harry von Piekartz, PT, PhD, MSc, MT

9:45 am - 10:20 am

Break with Exhibitors & Posters

10:20 am - 11:10 am

PLENARY 11

The Current Definition of Bruxism and its Impact on Pain Studies – Daniele Manfredini, DDS, MSc, PhD

11:10 am - 12:00 pm

PLENARY 12

The Connections Between Occlusion and Temporomandibular Disorders – Gary DeWood, DDS, MS

12:00 pm - 12:20 pm

Panel Discussion

12:20 pm - 1:45 pm

Lunch on Your Own

or

LUNCH & LEARNS: (Additional Registration Required)**LUNCH & LEARN 3**

The First Multidimensional Evaluation System for Bruxism: the STAB – Daniele Manfredini, DDS, MSc, PhD

LUNCH & LEARN 4

Acupuncture in Orofacial Pain - Demonstration – James Hawkins, DDS, MS

PLENARY SESSIONS:

1:45 pm - 2:30 pm

PLENARY 13

The Role of Physical Therapy in the Management of TMJ Intra Articular Disorders – Emily Kahnert, DPT, CCTT

2:30 pm - 3:15 pm

PLENARY 14

Sleep, Pain, and Strategies to Decrease Suffering through Better Rest – Michael Howell, MD

3:15 pm - 3:35 pm

Break with Exhibitors & Posters

3:35 pm - 4:20 pm

PLENARY 15

Imaging in TMD: New Technologies on the Horizon – Donald Nixdorf, DDS, MS

4:20 pm - 5:05 pm

PLENARY 16

CGRP Blocking Medications for Migraines: Update and New Additions – Timothy Collins, MD

5:05 pm - 5:25 pm

Panel Discussion

5:30 pm - 6:30 pm

Mentoring Program Reception

SUNDAY | MAY 7, 2023

8:00 am - 8:30 am

Continental Breakfast

8:30 am - 9:00 am

AAOP Research Presentations and Awards, Poster Winners

PLENARY SESSIONS:

9:00 am - 9:45 am

PLENARY 17

A Pediatric Rheumatologist Perspective on TMJ Arthritis: Challenges in Diagnosis and Management – Mona Riskalla, MD

9:45 am - 10:30 pm

PLENARY 18

Orofacial Movement Disorders- Dystonia – Glen Clark, DDS, MS

10:30 am - 11:15 am

PLENARY 19

Orofacial Pain and the Role of Myofunctional Therapy – Christina Semonick, M.S., CCC-SLP

11:15 am - 12:00 pm

PLENARY 20

Managing Fatigue and Insomnia Symptoms in Orofacial Pain. A Practical Guide for Dentists – Ian Boggero, PhD

12:00 pm - 12:15 pm

Panel Discussion

12:15 pm - 12:30 pm

Closing Remarks and Preview of 2024 Program

OROFACIAL PAIN INTRODUCTORY PROGRAM

(Additional Registration Required)

THURSDAY, MAY 4, 2023

8:00 am – 5:00 pm

- 8:00 AM – 8:10 AM** **Welcome and Introduction to Orofacial Pain**
Mariona Mulet, DDS, MS
- 8:10 AM – 9:00 AM** **Functional Anatomy of the Masticatory System, TMJ Imaging**
Sherwin Arman, DMD, MPH
- 9:00 AM – 9:50 AM** **Interview Taking and Physical Examination of the Orofacial Pain Patient**
Thomas Weber, DDS, MS
- 9:50 AM – 10:15 AM** **BREAK**
- 10:15 AM – 11:05 AM** **Diagnosis of Muscular Disorders**
Mary Charles Haigler, DMD, MS
- 11:05 AM – 11:55 AM** **Diagnosis of TMJ Intraarticular Disorders**
Mary Charles Haigler, DMD, MS
- 11:55 AM – 12:25 PM** **Q&A**
- 12:25 PM – 1:25 PM** **LUNCH BREAK**
- 1:25 PM – 2:15 PM** **Neuroanatomy of Orofacial Pain**
Qiman Gao and Maram Taema
- 2:15 PM – 3:05 PM** **Headache Disorders**
Steve Bender, DDS
- 3:05 PM – 3:30 PM** **BREAK**
- 3:30 PM – 4:20 PM** **Neuropathic Pain Disorders**
Marcela Romero Reyes, DDS, PhD, FAHS
- 4:20 PM – 4:50 PM** **Q&A**

FRIDAY, MAY 5, 2023

8:00 am – 5:00 pm

- 8:00 AM – 8:30 AM** **Outgoing President Welcome Remarks, Meeting opening, Presentation of new Fellows/new members (BALLROOM)**
- 8:30 AM – 8:40 AM** **Welcome and Remarks**
- 8:40 AM – 9:30 AM** **Initial Management Strategies in Orofacial Pain - Selfcare, Pharmacology**
Connor Peck, DDS, MS
- 9:30 AM – 10:15 AM** **Role of Behavioral and Psychological Management in Orofacial Pain**
Ian Boggero, PhD
- 10:15 AM – 10:40 AM** **BREAK**
- 10:40 AM – 11:25 AM** **Role of Physical Therapy in the Management of Orofacial Pain**
Emily Kahnert, PT
- 11:25 AM – 12:10 PM** **Intraoral Splints for Temporomandibular Disorders**
Brijesh Chandwani, DMD
- 12:10 PM – 12:30 PM** **Q&A**
- 12:30 PM – 1:45 PM** **LUNCH BREAK**
- 1:45 PM – 2:30 PM** **Sleep Disorders, Sleep and Pain, Intraoral Appliances for Obstructive Sleep Apnea**
Isabel Moreno Hay, DDS, PhD
- 2:30 PM – 3:15 PM** **Diagnostic and Interventional Injections**
Brijesh Chandwani, DMD
- 3:15 PM – 3:35 PM** **BREAK**
- 3:35 PM – 4:35 PM** **Case Presentation**
Faculty
- 4:35 PM – 5:00 PM** **Q&A**

WORKSHOPS

PRECONFERENCE WORKSHOPS

Preconference workshops will be held on **Thursday, May 4, 2023** prior to the AAOP Core Scientific Meeting. These full day workshops require additional registration.

PRE-CONFERENCE I

Digital Scanning and Printing

Alex Vaughan, DDS

9:00 am – 4:00 pm

Program Fee: \$325.00

SYNOPSIS: This course will focus on CAD design of various appliances as well as the both the principals of 3d printing and hands on with various printers.

PRE-CONFERENCE II

Craniofacial Pain: Clinical Solutions for Complex Presentations

Harry Von Piekartz, PT, PhD, MSc, MT

9:00 am – 4:00 pm

Program Fee: \$325.00

SYNOPSIS: Craniofacial pain is a complex and multifactorial condition that can be challenging to manage. This workshop is designed to provide participants with the knowledge and skills necessary to assess and manage patients with complex craniofacial pain presentations.

SESSION ONE: Assessment and Management of the Complex Patient with maxillofacial dysfunction and pain and Collaboration with Other Disciplines

LEARNING OBJECTIVES:

- Understand the multidisciplinary approach to the assessment and management of the complex craniofacial pain patient.
- Identify the key components of a comprehensive craniofacial pain assessment, including history, examination, and imaging.
- Expand knowledge of the clinical (differential) examination and management of the patients with craniofacial pain who has a complex problem.
- Understand the importance of collaboration with other disciplines in the management of the craniofacial pain patient.

PART TWO: Clinical Classification of Craniofacial Neuropathies and its Clinical Implementation

Discussion of a complicated case of craniofacial neuropathy illustrates how musculoskeletal therapy can make a positive contribution to the quality of life of this persistent pain group.

LEARNING OBJECTIVES:

- Understand the clinical classification of craniofacial neuropathy.
- Identify the main characteristics of the different types of craniofacial neuropathies.
- Discuss management options for patients with complex facial neuropathies

This workshop will be highly interactive with a combination of didactic sessions, case presentations, and small group discussions. Participants will have the opportunity to learn from experts in the field of craniofacial pain and neuropathy and to share their own experiences and challenges.

By the end of the workshop, participants will have a deeper understanding of musculoskeletal assessment and management of complex craniofacial pain presentations and the importance of collaboration with other disciplines.

PRE-CONFERENCE III

Diagnostic and Therapeutic Injections in Orofacial Pain and Headache

Donald Tanenbaum, DDS, MPH, Shruti Handa, DMD, Matthew Lark, DDS, MAGD, and Stan Farrell, DDS

9:00 am – 4:00 pm

Program Fee: \$325.00

This will be the second year that this course is presented. Based on participant feedback from last year, the afternoon will be solely dedicated to demonstrations of the specific injection techniques and hands on participation utilizing skulls and mannequins. Handheld ultrasound technology to assist needle placement and injection site accuracy will also be demonstrated.

COURSE OUTLINE:

Beyond the diagnostic dilemmas we face when introduced to a patient with persistent orofacial pain, we then have the difficult task of choosing therapeutic directions of care that are most likely to ease suffering and promote tissue healing. From this perspective, injection protocol are amongst the tools that have proven to be beneficial in assisting diagnosis and addressing tissue injury/sensitization in somatic and neural structures.

As the pain disorders that are encountered by orofacial pain practitioners can be broadly divided into somatic, neuropathic and neuroplastic pain disorders, our challenges often lie in addressing persistent pain in muscles, tendons, the temporomandibular joints and painful conditions directly involving the trigeminal and occipital nerves. In

addition, the neurovascular pain disorders inclusive of migraines, must also be kept in mind when a working diagnosis is being established and treatment is being planned.

This full day program therefore will be designed to discuss and demonstrate the use of both diagnostic and therapeutic injections. The anatomy and neuroanatomy of the orofacial region will be reviewed along with the indications that prompt the use of these injections, specific injection technique protocol and armamentarium, injection frequency recommendations and after care. The use of ultrasound as a tool to assist injection accuracy will also be introduced for common injection protocol and for the regenerative medicine options that are emerging to address temporomandibular joint pathology.

Supportive literature will be presented where available and demonstration videos will be incorporated into the morning presentations. The afternoon will be dedicated to hands-on demonstrations of the specific injection protocol with individual skull models being distributed to assist in understanding the regional anatomy.

Our overall goal is to provide both relevant and up to date didactic knowledge alongside hands-on skills

Injection techniques that will be discussed include:

- Dry Needling
- Trigger point (myoneural) injections
- Prolo therapy (dextrose and lidocaine) for inflammatory disorders
- Hyaluronic Acid (Supartz)
- Steroid injections: Intra-articular/joint capsule, and tendon/ligament attachments
- Regenerative Injection Therapy with Stem Cells
- Botox: Migraine protocol, neuropathic pain, muscle disorders, oromandibular dystonia
- Auriculotemporal nerve blocks
- Occipital nerve blocks,
- Sphenopalatine ganglion nerve blocks
- Techniques used to address the acute TM joint lock
- Ultrasound guided injections

BREAKFAST SESSIONS

These sessions include a breakfast buffet and CE lecture that requires additional registration of \$80.00 per session. On Friday and Saturday there are two breakfasts that run concurrently each day. Please select only one session for each day as you will only be able to attend one session each day. These sessions offer a smaller setting and therefore registration is limited. Each session offers 1 hour of CE.

FRIDAY, MAY 5, 2023

BREAKFAST SESSION 1

What Have we Learned on the Potential Benefits and Problems Associated with Cannabis Use in the Context of Chronic Pain Management?

Marc O Martel, PhD

7:00 am – 8:00 am

Program Fee: \$80.00

SYNOPSIS: During the last decade, patients with chronic pain have increasingly turned to cannabis as a strategy to reduce pain. Many patients with chronic pain also report using cannabis to alleviate other problems that frequently accompany chronic pain, such as sleep disturbances and psychological distress. At the end of this presentation, participants should be able to identify some of the most common types of cannabis products used by patients with chronic pain. Participants should also be able to describe the potential benefits associated with cannabis use that have been observed among patients with chronic pain. Through this presentation, participants will also learn about the potential problems that may accompany the use of cannabis among patients with chronic pain. Participants will be familiarized with the potential psychological and neurocognitive problems that may be associated with cannabis use, and with the diagnostic criteria for cannabis use disorder. Finally, participants should be able to discuss current gaps in knowledge regarding the potential benefits and problems associated with cannabis in the context of chronic pain management.

BREAKFAST SESSION 2

Assessment of Disordered Breathing in Orofacial Pain

Janey Prodoehl, PT, PhD

7:00 am – 8:00 am

Program Fee: \$80.00

SYNOPSIS: This session will discuss evidence-based assessment of disordered breathing in the context of persistent pain. Application activities will focus on clinical assessment and screening of disordered breathing in individuals with chronic neck and temporomandibular disorder.

By the end of this session, participants will:

- Describe three dimensions of disordered breathing in individuals with chronic pain
- Identify appropriate tools with which to capture change in each dimension of disordered breathing
- Describe clinically relevant screening tools for disordered breathing in an orofacial pain population
- Contrast breathing metrics in select cases of individuals with temporomandibular disorder and healthy controls

WORKSHOPS

BREAKFAST SESSIONS *(continued)*

SATURDAY, MAY 6, 2023

BREAKFAST SESSION 3

Accurate Classification and Treatment Outcomes- Getting to know ICOP

7:00 am - 8:00 am

Program Fee: \$80.00

SYNOPSIS: The International Classification of Orofacial Pain, also known as ICOP, is a valuable tool for clinicians in diagnosing and treating orofacial pain. It provides a comprehensive and systematic approach to understanding the underlying causes of orofacial pain, which can often be complex and difficult to diagnose.

The purpose of ICOP is to standardize the classification and diagnosis of orofacial pain, enabling healthcare professionals to make accurate diagnoses and develop effective treatment plans. It is particularly useful in cases where the diagnosis is uncertain, or where the clinician is unaware of the specific clinical presentation.

ICOP is based on a series of interrelated axes, including the location of the pain, the type of pain, its duration and pattern, and any associated symptoms or conditions. These axes provide a detailed framework for diagnosis, allowing clinicians to identify the underlying causes of orofacial pain and develop tailored treatment plans.

One of the primary benefits of ICOP is its ability to improve treatment outcomes. By accurately identifying the underlying causes of orofacial pain, clinicians can develop targeted treatment plans that address the root cause of the problem. This can lead to more effective and efficient treatments, reducing the need for repeated or unnecessary interventions.

Additionally, by standardizing the classification and diagnosis of orofacial pain, ICOP can help to improve communication between healthcare professionals, ensuring that patients receive consistent and high-quality care. It can also be used as a tool for research, providing a consistent and reliable framework for studying orofacial pain.

In conclusion, the International Classification of Orofacial Pain is a valuable resource for clinicians in diagnosing and treating orofacial pain. Its systematic approach enables healthcare professionals to accurately identify the underlying causes of pain and develop targeted treatment plans, leading to more effective and efficient care.

BREAKFAST SESSION 4

Sleep, Pain and the Gut Microbiome

Dennis Bailey, DDS

7:00 am - 8:00 am

Program Fee: \$80.00

SYNOPSIS: There has been a growing body of evidence that demonstrates the relationship between the health of our gut and the health of our body and the brain. This in turn has an impact on our sleep as well as pain. In addition this relationship is recognized as being bi-directional. The overall purpose of this breakfast conference is to explore these relationships and be able to address gut health as it relates to improved sleep, reduced pain and ultimately improve one's quality of life.

LUNCH & LEARN SESSIONS

These sessions include a lunch buffet and CE lecture that requires additional registration of \$85.00 per session. On Friday and Saturday there are three Lunch Sessions that run concurrently each day. Please select only one session for each day as you will only be able to attend one session each day. These sessions offer a smaller setting and therefore registration is limited. Each session offers 1.5 hours of CE.

FRIDAY, MAY 5, 2023

LUNCH & LEARN 1

Botox for Migraine Prevention

Timothy Collins, MD

12:30 pm - 1:45 pm

Program Fee: \$85.00

SYNOPSIS: During this session we will review the evidence supporting the use of Botox (brand) botulinum toxin for the prevention of chronic daily migraine. We will also review evidence regarding possible mechanisms of action. Injection technique and injection locations will be reviewed.

LUNCH & LEARN 2

Orofacial Pain Practice Management Tips

Rich Cohen, DDS

12:30 pm - 1:45 pm

Program Fee: \$85.00

Present information that will help new and established OFP practitioners establish and maintain a financially successful OFP practice that is committed to the highest level of quality of care.

SYNOPSIS: This presentation will cover practice management hints that will help with Models for setting up a new practice. Appropriate Documentation for Billing insurance with the new guidelines as of Jan 1, 2023. How to maximize production with emphasis on how to best schedule exams and procedures.

Present procedures that can help your patients and your production.

SATURDAY, MAY 6, 2023

LUNCH & LEARN 3

Thve First Multidimensional Evaluation System for Bruxism: the STAB

Daniele Manfredini, DDS, MSc, PhD

12:30 pm - 1:45 pm

Program Fee: \$85.00

SYNOPSIS: The definition of bruxism has evolved over the past few years, progressively going beyond the old belief that bruxism is synonymous of grinding the teeth while asleep (Lobbezoo et al., 2013; Lobbezoo et al., 2018). With the increase in knowledge concerning the sleep correlates and the muscle activities that may equally be present also during wakefulness (Manfredini et al., 2019; Manfredini et al., 2021), the bruxism construct has shifted from a pathology or disorder to a motor activity that may be a sign of underlying conditions and may even have possible physiological or protective relevance (Raphael et al., 2016; Manfredini et al., 2016).

In the 2018 consensus paper, sleep bruxism (SB) is defined as a masticatory muscle activity (MMA) during sleep that is characterized as rhythmic (phasic) or non-rhythmic (tonic) and is not a movement disorder or a sleep disorder in otherwise healthy individuals. Awake bruxism (AB) is defined as a masticatory muscle activity during wakefulness that is characterized by repetitive or sustained tooth contact and/or by bracing or trusting of the mandible and is not a movement disorder in otherwise healthy individuals (Lobbezoo et al., 2018).

Within these premises, while preparing the Standardized Tool for the Assessment of Bruxism (STAB), the need emerged for the identification of the best strategy to define the bruxism status, comorbidities, etiology, and consequences. As muscle activities, both sleep and awake bruxism require a thorough assessment that could be based on a combination of subject-based, clinically based, and instrumentally based information.

The rationale for creating the tool and the road map that led to the selection of items included in the STAB have been discussed in some recent publications (Manfredini et al., 2020; Manfredini et al., 2022). This lecture presents the STAB, with the list of items included in each specific axis and domain.

LUNCH & LEARN 4

Acupuncture in Orofacial Pain - Demonstration

James Hawkins, DDS, MS

12:30 pm - 1:45 pm

Program Fee: \$85.00

SYNOPSIS: This presentation will discuss the origin and various styles of acupuncture. It will address proposed mechanisms of action for acupuncture, as well as evidence for and against its use. Finally, it will discuss acupuncture resources for the orofacial pain practitioner.

LEARNING OBJECTIVES:

- Discuss acupuncture theory
- Describe evidence for and against acupuncture use
- State acupuncture resources.

GENERAL INFORMATION

HOW TO REGISTER

You may register by completing and mailing or faxing the Conference Registration form to the AAOP office or register online through the AAOP website (www.aaop.org). **AAOP members should login to the website prior to attempting register for the meeting online in order to receive the member discount and be recognized as a member registrant. Members should be sure to select the accurate member category when registering for the meeting.**

The registration fee includes: admission to the May 5-7, 2023 plenary scientific sessions, daily continental breakfast, refreshment breaks, and the President's Reception on Friday evening. **Attendance for the intro course on May 4-5 has a separate registration category. Additional fees are required for May 4th preconference workshops and the May 5th & 6th breakfast sessions and lunch session.** Please list any dietary restrictions on your registration or forward to aaopexec@aaop.org.

EXHIBITS

Educational and informational displays of companies relevant to the treatment of orofacial pain and/or your practice will be available for viewing and interaction during the conference.

PHYSICAL CHALLENGES

The American Academy of Orofacial Pain wishes to ensure that no individual with a disability or special need is excluded, denied services, segregated or otherwise treated differently than other individuals because of the absence of auxiliary aids or services. If you need any auxiliary aids or services identified in the American with Disabilities Act, please contact Kenneth Cleveland, AAOP Executive Director, at 609-504-1311, or write to him at AAOP Headquarters, 174 S. New York Road, POB 478, Oceanville, NJ 08231 or aaopexec@aaop.org.

ATTIRE

Attire for the conference is business casual. Meeting room temperatures often vary during the course of the meeting, so please plan accordingly.

QUESTIONS

If you have any questions or need additional information, please contact the AAOP office at: 609-504-1311 or admin@aaop.org.

The AAOP President's Reception will be held Friday night from 6:30-9:30 PM at the Summer House Patio at the Grand Floridian.

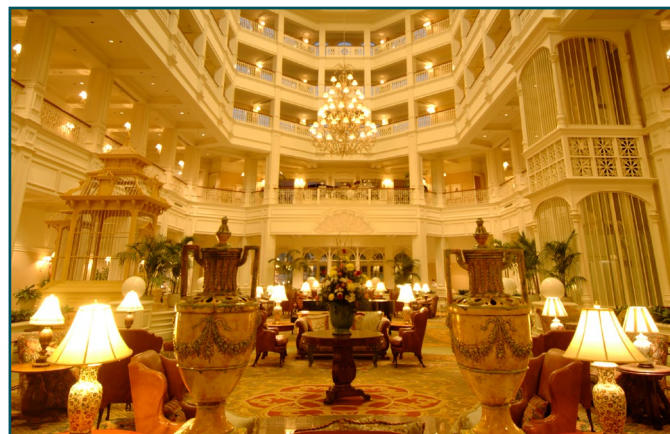
There are no official AAOP events scheduled for Saturday evening. We encourage you to attend the AAOP President's Reception on Friday and utilize Saturday evening to experience all that Disney and Orlando have to offer.

HOTEL LOCATION/ACCOMMODATIONS

The AAOP 2023 Scientific Meeting will be held at Disney's Grand Floridian Resort in Lake Buena Vista, FL. AAOP has secured a rate of \$295.00++/night single/double occupancy for this meeting. This rate is well below the current public rate and won't last long. This room block is being held until April 3, 2023. After this date or when the block is full, reservations will be at the market rate and subject to availability, so make your reservations early by booking online via our custom meeting weblink:

<https://www.mydisneygroup.com/aaop2023>

This link and your MyDisneyExperience account are where you should book your dinner reservations, tickets, and other events while at Disney.





MEMBERSHIP INFORMATION

AAOP Mission

The American Academy of Orofacial Pain, an organization of dentists and allied health care professionals, is dedicated to alleviating pain and suffering through the promotion of excellence in education, research and patient care in the field of orofacial pain and associated disorders.

AAOP Aims and Purposes

To establish acceptable criteria for the diagnosis and treatment of orofacial pain and temporomandibular disorders. To stress the significant incidence of orofacial pain problems for both medical and dental professions. To provide a base for annual meetings for the dissemination of research and treatment for orofacial pain and temporomandibular disorders. To support the Journal of Orofacial Pain stressing research and current studies on orofacial pain and temporomandibular disorders. To encourage and stress the study of orofacial pain and temporomandibular disorders at undergraduate and postgraduate levels of dental education. To provide a common meeting ground for world-wide authorities on orofacial pain and temporomandibular disorders. To encourage hospitals and dental schools to establish centers for treatment of orofacial pain and temporomandibular disorders. To encourage research and evaluation of equipment and procedures.

Benefits of AAOP Membership

- **Continuing Education.** AAOP's Annual Scientific--Meetings features cutting edge scientific knowledge with clinical take home value at a significant member discount. Members are also invited to attend member only symposia and workshops such as the Dental Sleep Medicine Symposium that was offered this past October. AAOP is working to develop mini-residencies, special interest groups and online continuing education. AAOP members are also invited to attend sister academy meetings around the world at the sister academy member rate. Members are encouraged to attain certification by the American Board of Orofacial Pain (ABOP) which is a requirement for elevation to Fellow of the Academy status. (ABOP is a separate organization who administers a board exam in orofacial pain)
- **Journal & Newsletter Subscription.** Subscription to the *Journal of Oral & Facial Pain and Headache*, *Complimentary Orofacial Pain Guidelines*, and the *AAOP Newsletter* including an online archive of past news. (Please note that student members do not receive the journal and/or guidelines)
- **The AAOP Website & Member Directory.** Inclusion in the AAOP Member Directory features a personalized profile page that can be linked with your professional website and all of your social media outlets. You control what information is presented to the public and to members.
- **Professional Networking & Development.** AAOP offers access to world renowned leaders in the fields of OFP, TMD, Headache, Sleep and other associated disorders. As a member you will have access to the Member Forum/List-serve, important professional development documents such as the OFP/ICD-10 Guide and information on the AAOP Member Directory that is of publically available. Whether you have a technical question, billing issue or are looking to expand your practice, AAOP leaders are available to assist you and our archive of documents is at your fingertips.
- **Patient Referrals and Information.** Prospective patients are visiting the AAOP website and looking for you. In addition the AAOP office is contacted directly by 100-200 prospective patients each year and they are directed to the member(s) nearest them. Various Patient Education Brochures are available at a nominal cost to AAOP members. Additional patient information is posted online.
- **Leadership/Participation.** All AAOP members are eligible to vote for academy officers/directors and on all important policy decisions. AAOP encourages its members, with an interest, to get involved in one of our committees. Your knowledge and opinions matter to us and your level of involvement is up to you. AAOP offers an annual leadership development program at no cost to its members.
- **Research and Training.** AAOP actively and financially supports research via annual grants. These grants are open to all professionals but the results of this research reaches AAOP members first. AAOP is also active within the dental school community. AAOP maintains the position of leadership within CODA when reviewing Orofacial Pain Programs at dental schools across the United States. Orofacial pain program directors meet annually at the AAOP meeting to discuss the current trends in OFP education and training.
- **Camaraderie.** AAOP is first and foremost about people. Many lifelong friendships and professional relationships have been fostered via AAOP membership. For 40+ years professionals like you have been coming to AAOP for scientific knowledge, clinical insights and the support of fellow colleagues.

AAOP Membership Categories

- (a) All members of the American Academy of Orofacial Pain {Academy}, including any and all categories of membership in the Academy, must agree to abide by the bylaws of the Academy.
- (b) All members of the Academy, including any and all categories of membership in the Academy, must agree to abide by the Code of Conduct of the American Academy of Orofacial Pain and be willing to work within the Academy's "Objectives" to promote the best interest and ideals of the Academy throughout said membership.
- (c) All Members of the Academy with the exception of the Retired, Life/Life Fellow & Honorary Membership categories must be a permanent resident of the United States of America, Canada, Mexico, Bermuda, the Bahamas or an independent Caribbean nation or
 - (1) Be a member in good standing of one of the Sister Academies as per the current Sister Academy Agreement regarding membership, or
 - (2) Have been a continuous member in good standing of AAOP and joined prior to 1987.

Active Members

Be a licensed dentist (DDS, DMD or equivalent degree) or be a licensed physician (MD, DO or equivalent degree) or be a non-dental or non-physician allied health care professional or researcher in good standing within the state or country within which they practice. Active Members shall possess the right to hold office, serve on the Academy Council or chair a committee. Active Members shall possess the right to vote in the election of officers, at the annual membership business meeting and for all items required to be presented to the membership of the academy for further action. Regular payment of dues is a requirement for maintenance of Active membership in the Academy.

Affiliate Members

Affiliate Members are non-dentist and non-physician allied health care professionals or researchers who are permanent residents of Canada, Mexico, or the USA or an affiliate member in good standing of one of the Sister Academies. These members have all rights and obligations of active members except the right to vote or be an Academy officer.

Student/Initiatory Members

Shall be a current full-time dental or post-graduate dental student in good academic standing, and one of the following: (1) a licensed dentist (D.D.S., D.M.D. or equivalent degree) in good standing within the state or country within which they practice and a current participant of an Academy recognized post-doctoral full-time university residency program, or (2) a licensed dentist (D.D.S., D.M.D. or equivalent degree) in good standing within the state or country within which they practice and a graduate within the past 12 months of an Academy recognized post-doctoral full-time university residency program or (3) a full time, current dental student with interest in temporomandibular disorders

and/or orofacial pain or (4) be a licensed dentist (D.D.S., D.M.D. or equivalent degree) in good standing within the state or country within which they practice and enrolled in, or successfully completed within the past 12 months, an orofacial pain post-graduate or residency program not described above and approved by council for student/initiatory membership. A full-time orofacial pain post-graduate or residency program must be consistent with current CODA accreditation standards. Student/Initiatory Members may serve on or chair a committee. Student/Initiatory Members shall possess the right to vote in the election of officers, at the annual membership business meeting and for all items required to be presented to the membership of the academy for further action. Student/Initiatory Members shall have all the add'l benefits of membership except a subscription to the AAOP designated journal. Regular payment of dues is a requirement for maintenance of Student/Initiatory membership in the Academy. Student/Initiatory Memberships must be transitioned to active membership within (12) months of completing their program and/or within (4) four years from date of joining.

Additional Membership Categories

Fellow, Retired, Life and Honorary Membership are elevated categories of membership available to members upon completion of additional criteria as stated in the AAOP Bylaws.

Additional Membership Criteria

In addition to the stated criteria listed in Membership Categories, Members Shall:

1. Agree to adhere to the Academy's Code of Conduct.
2. Be willing to work within the Academy's Objectives to promote the best interest and ideals of the Academy.
3. Be approved by Council upon recommendation of the Membership Committee.
4. Upon approval by Council, the membership at-large will be notified by written or electronic means of the pending applications and barring any written objection they will be accepted as members. If any objections are received, the application will be returned to the Membership Committee for further consideration.
5. Pay all annual dues as set by the Council on a yearly basis.

Please see the AAOP Bylaws on-line for additional Membership Information and also see the AAOP Statement of Aims and Purposes, Code of Conduct and Position Papers. Visit www.aaop.org.

Dues

The AAOP membership year is January 1st - December 31st. Members joining after September 1st of any year will receive the final few months of the current year at no additional cost.

Active: Student/Initiatory Enrolled:
\$475.00 \$250.00

Application on Reverse!



American Academy Of Orofacial Pain

MEMBERSHIP APPLICATION

Please carefully review the membership information on previous page.

Membership Category: Select Your Membership Category

- ☐ Active: \$475.00
☐ Affiliate: \$325.00
☐ Student/Initiatory: \$250.00

Your Demographic Information:

Name _____
 Last Name First Name Middle Initial Credentials

Office Address _____

City State Zip Code

Country (if not USA) _____

() Work () Fax

Email address _____

Home Address _____

City State Zip Code

() Home Phone () Fax

Email address _____

Date of Birth _____

Preferred mailing address (check one) ☐ Office ☐ Home

Your Licenses, Education Degrees

1. List State/Country Licenses:

2. Type of Degree: _____ Year Received: _____

School _____

3. Type of Degree: _____ Year Received: _____

School _____

4. Type of Degree: _____ Year Received: _____

School _____

A. Your Practice and Certification:

Years in practice _____

Focus of practice _____

Percent of time devoted to Orofacial Pain patients _____%

Are you certified by the American Board of Orofacial Pain?

☐ Yes ☐ No

If other Boards, please list _____

B. Please check and send or have sent to AAOP office:

- ☐ Completed application form
☐ Payment
☐ Program Director Letter (Students Only please send a brief letter from your program director verifying student status and expected date of program completion)

C. Attestation of Applicant:

By signing below, the applicant agrees to the policies and code of conduct and ethics of the American Academy of Orofacial Pain, and strive to promote the "Mission" and "Aims and Purposes" of the Academy. The applicant further agrees to provide the Academy with any materials it or the Membership Committee deems necessary.

Applicant Signature: _____

Print Name: _____

D. Payment

Dues Amount for Membership Type: \$ _____

Voluntary Research Fund Donation: \$ _____

Total: \$ _____

(If you choose to FAX your application, DO NOT send the original by mail as doing so may result in duplicate charges to your credit card.)

- ☐ Check (US currency drawn on US bank)
☐ VISA ☐ MasterCard ☐ American Express

Credit Card # _____

Exp. Date _____ Validation Code _____

Name of Card Holder _____

Authorized Signature _____

Your Credit Card Statement will read "AAOP"

PLEASE SEND COMPLETED PACKETS TO:

AAOP Membership Chair

174 S. New York Rd., POB 478, Oceanville, NJ 08231

609-504-1311; Fax: 609-573-5064

aaopexec@aaop.org or through www.aaop.org


Join AAOP today! www.aaop.org

AAOP 47th Scientific Meeting
May 4–7, 2023 | Disney's Grand Floridian Resort & Spa | Orlando, Florida

REGISTRATION FORM

For additional information or assistance with this form, telephone: 609-504-1311. **Online registration is available at www.aaop.org**
Or you may mail completed form to AAOP Registration, 174 S. New York Rd., POB 478, Oceanville, NJ 08231 or fax it to 609-573-5064 or email: exec@aaop.org

CONTACT INFO: (please print or type)

☐ Please check if assistance is needed 

Dr./Prof./Mr./Ms. _____ Last Name _____ First Name _____ M.I. _____
Preferred First Name _____ Degree(s)/Credential(s) _____
Practice/Employer/Position info _____
Address _____
City _____ State/Province _____ Postal Code _____ Country _____
Telephone _____ Email _____
Guest Name (Social Function admission) _____
Dietary Restrictions _____

REGISTRATION CATEGORIES AND FEES: Registration for the main conference, May 5–7, 2023, includes all plenary sessions & social events.

Please check one:

	On-Site		On-Site
<input type="checkbox"/> AAOP Members – Fellow of the Academy	\$825.00 \$ _____	<input type="checkbox"/> Non-Member Professional	\$1,050.00 \$ _____
<input type="checkbox"/> AAOP Members – Active	\$825.00 \$ _____	<input type="checkbox"/> AES Member Introductory Rate	\$825.00 \$ _____
<input type="checkbox"/> AAOP Members – Affiliate	\$825.00 \$ _____	<input type="checkbox"/> Student Members	\$395.00 \$ _____
<input type="checkbox"/> AAOP Life Members	\$575.00 \$ _____	<input type="checkbox"/> Student Non-Members	\$550.00 \$ _____
<input type="checkbox"/> Sister Academy Members	\$825.00 \$ _____	<input type="checkbox"/> Spouse/Guest	\$50.00 \$ _____
			Full time students only—verification required)

PRE-CONFERENCE WORKSHOPS (Registration for 1)

Thursday, May 4, 2023

- ☐ Pre-Conference I \$325.00 \$ _____
Digital Scanning and Printing
- ☐ Pre-Conference II \$325.00 \$ _____
Craniofacial Pain: Clinical Solutions for Complex Presentations
- ☐ Pre-Conference III \$325.00 \$ _____
Diagnostic and Therapeutic Injections in Orofacial Pain and Headache

BREAKFAST SESSIONS (Registration is 1 per day)

Friday, May 5, 2023

- ☐ #1 What Have we Learned on the Potential Benefits and Problems Associated with Cannabis Use in the Context of Chronic Pain Management?
- ☐ #2 Assessment of Disordered Breathing in Orofacial Pain

Saturday, May 6, 2023

- ☐ #3 Accurate Classification and Treatment Outcomes: Getting to know ICOP
- ☐ #4 Sleep, Pain and the Gut Microbiome

LUNCH & LEARN SESSIONS (Registration is 1 per day)

Friday, May 5, 2023

- ☐ #1 Botox for Migraine Prevention
- ☐ #2 Orofacial Pain Practice Management Tips

Saturday, May 6, 2023

- ☐ #3 The First Multidimensional Evaluation System for Bruxism: the STAB
- ☐ #4 Acupuncture in Orofacial Pain - Demonstration

OROFACIAL PAIN INTRODUCTORY PROGRAM

Thursday & Friday, May 4–5, 2023

\$600.00 \$ _____

Total (Registration/Workshops/Forums/etc) \$ _____

METHOD OF PAYMENT

If you require special payment arrangements, please contact the office at 609-504-1311.

☐ Enclosed is a check **payable to AAOP**. Checks must be payable in U.S. Dollars and issued by a U.S. Correspondent Bank. Each registrant is responsible for any and all bank charges. A \$50.00 processing fee will be charged for checks returned unpaid.

☐ I wish to pay my fees by **credit card**. Please note: this charge will appear on your statement as "AAOP".

☐ Amex (15 digits) ☐ Master Card (16 digits) ☐ Visa (16 digits)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Expiration Date: ____ / ____ Validation Code _____ (3 digit code on the back of V/MC and 4 digit on front of AMEX)

Address associated with the Card if different from address listed above: _____

Name on Card (please print): _____

Authorizing Signature: _____

Note: Registrations paid by credit card may be faxed to 609-573-5064. Keep a copy of your fax transmittal confirmation for your record. If faxing, do not mail the original form. Doing so may result in duplicate charges to your credit card. Please do not email your credit card information.

CANCELLATION POLICY

If you must cancel your registration, all requests must be received in writing by AAOP Registration or via email to aaopexec@aaop.org or faxed to the number above and postmarked or transmitted electronically no later than **April 20, 2023**. All fees paid will be refunded minus a \$50.00 processing fee. **There will be no refunds after April 20, 2023.**

REGISTER ONLINE at www.aaop.org
RETURN THIS COMPLETED FORM WITH PAYMENT TO:
AAOP REGISTRATION
174 S. New York Rd., POB 478
Oceanville, NJ 08231
E-mail: aaopexec@aaop.org
P: 609-504-1311 | F: 609-573-5064
www.aaop.org



AAOP
174 S. New York Rd.
POB 478
Oceanville, NJ 08231

Join AAOP Today!
www.aaop.org

AAOP 2023

AMERICAN ACADEMY OF OROFACIAL PAIN

47th Scientific Meeting • May 4–7, 2023

Disney's Grand Floridian Resort & Spa • Orlando, FL

