

# Post-Graduate Certificate Program in Advanced Headache Diagnosis and Management

On Demand Information Session



# Meet the Program Directors



Hannah Smith, PhD  
Academic Program Director  
Assistant Dean, Jefferson College of Nursing



Simy Parikh, MD  
Clinical Program Director  
Assistant Professor, Department of Neurology

[HeadacheCertificate@Jefferson.edu](mailto:HeadacheCertificate@Jefferson.edu)

# Headache Medicine Today

- 38M+ headache patients
- Leading cause of disability
- New and emerging therapies
- Rewarding clinical experience



# Jefferson Headache Center

- Premier academic headache center
- Multidisciplinary clinical team
  - Neurologists, psychiatrists, psychologists, nurse practitioners, physician assistants, and registered nurses
- Outpatient clinic for experienced medication management, infusions, and procedures
- Dedicated inpatient headache unit to treat patients with particularly severe headache disorders



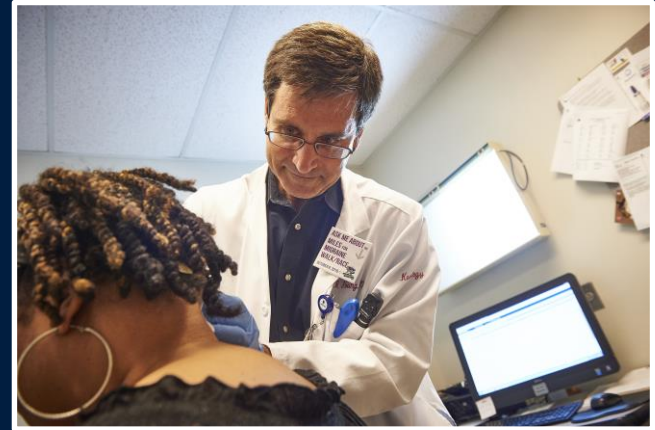
# Program Highlights

- Complete in 1 year (10 credits)
- Interactive online coursework
- Interprofessional student cohort
- Interactive discussion boards
- Mentorship from experts



# Onsite Retreat at the Jefferson Headache Center

- Refine procedural skills
- Practice clinical simulations
- Learn from expert panels
- Interactive case-based learning
- Expert-led journal club



## Course I (4 credits): Headache Diagnosis and Pathophysiology

- Diagnosis of primary headache disorders and cranial neuralgias
- Diagnosis of secondary headache
- Physical exam and history taking
- Neurodiagnostic testing and interpretation
- Pathophysiology of primary headache disorders

# Course I (4 credits): Headache Diagnosis and Pathophysiology

## FACULTY PROFILE

### Primary and Secondary Headache Disorders: Overview



**William B. Young, MD**

Professor of Neurology  
Jefferson Headache Center



**Abigail L. Chua, DO**

Neurology  
Geisinger Health System

### Pathophysiology of Primary Headache Disorders



**Stephen D. Silberstein, MD**

Professor of Neurology  
Jefferson Headache Center



**David W. Dodick, MD**

Professor of Neurology  
Mayo Clinic

### Diagnostic testing



**Stephanie J. Nahas, MD**

Associate Professor of Neurology  
Jefferson Headache Center



**Larry Charleston IV, MD**

Neurology  
Michigan State University



## Course II (4 credits): Headache Treatment

- Outpatient preventive and acute treatments for primary headache disorders
- Treatment of select secondary headache disorders and painful cranial neuralgias
- Management of medication overuse headache
- Neuromodulation devices and procedural interventions
- Infusion treatment programs for the emergency room, outpatient, and inpatient settings
- Multidisciplinary treatment approach

# Course II (4 credits): Headache Treatment

## FACULTY PROFILE

### Treatment of Common Primary Headaches

### Infusion Treatment Programs, Interventional Procedures, and Neuromodulation Devices

### Diagnosis and Treatment Options of Select Other Primary Headache Disorders, Secondary Headache Disorders, and Painful Cranial Neuralgias/Face Pain



**Michael J. Marmura, MD**

**Stewart J. Tepper**

**Clinton Lauritsen, DO**

**Thomas Berk, MD**

**Nicole Spare, DO**

**Shuhan Zhu, MD**

Associate Professor of Neurology  
Jefferson Headache Center

Professor of Neurology  
Dartmouth-Hitchcock Medical Center

Clinical Instructor of Neurology  
Jefferson Headache Center

Assistant Professor of Neurology  
NYU Grossman School of Medicine

Assistant Professor of Neurology  
Jefferson Headache Center

Assistant Professor of Neurology  
Boston University

## Course III (2 credits): Psychological Interventions for Headache and Business Management

- Psychiatric comorbidities
- Psychological and behavioral assessment
- Psychological interventions for headache management
- Physical and emotional wellness
- Billing and revenue management for a headache medicine practice

# Course III (2 credits): Psychological Interventions for Headache and Business Management

FACULTY PROFILE

Psychological and behavioral factors related to understanding and treating headache disorders



**Lex Denysenko, MD**

Assistant Professor of Psychiatry  
Jefferson Headache Center



**Jennifer Kengeter, Psy.D**

Psychology  
Jefferson Headache Center

Business Management



**Brad Klein, MD, MBA**

Medical Director, Headache Center  
Abington Neurological Associates, Ltd

# Additional Content Experts

FACULTY PROFILE

## Rigmor Hoejland Jensen, MD

Professor, Department of Neurology  
Director, Danish Headache Center  
University of Copenhagen, Denmark

## Katherine Foxhall, PhD

Lecturer in Modern History  
School of History at Leicester  
University of Leicester, United Kingdom

## Dawn C. Buse, PhD

Clinical Professor, Department of Neurology  
Albert Einstein College of Medicine of Yeshiva University  
Assistant Professor, Clinical Health Psychology Doctoral Program  
Ferkauf Graduate School of Psychology of Yeshiva University  
Licensed Psychologist

## Richard Lipton, MD

Professor, Department of Neurology; Professor, Department of  
Psychiatry and Behavioral Sciences; Professor, Department of  
Epidemiology & Population Health  
Director, Montefiore Headache Center

## Joanna Kempner, PhD

Professor of Sociology  
Department of Sociology  
Rutgers, The State University of New Jersey

## Messoud Ashina, MD

Professor, Department of Neurology  
Director, Human Migraine Research Unit at the Danish Headache Center  
University of Copenhagen, Denmark

## Rami Burstein, Ph.D.

John Hedley-Whyte Professor of Anaesthesia  
Beth Israel Deaconess Medical Center

## Morris Levin, MD

Professor, Department of Neurology  
Director of the UCSF Headache Center

## Andrew Blumenfeld, MD

Neurology  
Director of the Headache Center of Southern California

*And Others!*

# Multidisciplinary Collaboration



Nurse practitioners at the Jefferson Headache Center outpatient headache clinic, **Kristopher Medina**, **Ji Cho**, **Natalia Danelich**, and **Robin Fry**, are involved in all aspects of patient care. They provide experienced medical management, onabotulinumtoxinA, nerve blocks, and outpatient infusions for patients with variety of headache disorders.

# Admissions Requirements Checklist

- Online Application: [my.Jefferson.edu/apply](https://my.jefferson.edu/apply)
- Transcripts from all colleges/universities attended
- Current professional license and/or certification (such as CRNP, DO, DDS, MD, PA-C, PhD, etc.)
- Resume/CV
- Personal Statement addressing interest in program/goals

# Admissions Tips

- Applications are reviewed as they are completed
- Application deadlines:
  - Priority deadline: March 1<sup>st</sup>
  - Final deadline: August 1st
- Check your MyJefferson account to monitor the status of your application



- Cost per credit is \$1,200 plus fees (2021-22)
- Applicants are automatically considered for any available scholarships
- We recommend checking with your employer to see if any tuition benefits may be applied to this program
- This program is not eligible for federal financial aid

## Application Questions?

Email: [enroll@jefferson.edu](mailto:enroll@jefferson.edu)

Telephone: 215-951-2800

## Program Questions?

Email: [HeadacheCertificate@jefferson.edu](mailto:HeadacheCertificate@jefferson.edu)



**Jefferson**

Thomas Jefferson University