

☆ New York, NY



# ISEN

International Society for  
ECT and Neurostimulation

## ECT CERTIFICATE COURSE

May 4th, 2024

## 33rd ANNUAL MEETING

May 5th, 2024

in-person continuing  
education events



etc.venues  
601 Lexington Avenue  
New York, NY 10022



# ISEN: The Society

The International Society for ECT and Neurostimulation (ISEN), formerly the Association for Convulsive Therapy (ACT), was established in 1976 and incorporated as a nonprofit, tax exempt corporation in 1993. ISEN is an international organization dedicated to promoting the safe, ethical, and effective use of Electroconvulsive Therapy (ECT) and other brain stimulation therapies for the treatment of neuropsychiatric illness through education and research.

Activities through which this mission is accomplished include co-sponsorship of *The Journal of ECT* (the official journal of the ISEN), sponsorship of courses on ECT at the annual meeting of the American Psychiatric Association (APA), the ISEN Annual Meeting and Scientific Program (traditionally held in person on the first Sunday of the APA Annual Meeting), an annual certificate course

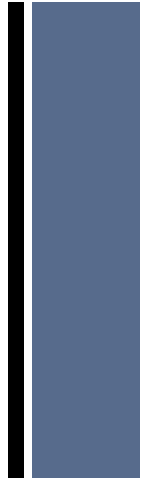
for ECT, co-sponsorship of other scientific meetings and ECT training courses throughout the year, and the convening of task forces regarding ECT issues.

2024 marks the 33<sup>rd</sup> Annual Meeting of the ISEN. The event is set to include plenary presentations by leading experts in the fields of ECT, TMS, and other novel brain stimulation therapies, as well as a poster session for abstract submissions. The course will consist of didactic and practicum experiences, and conclude with an online certificate exam.

Members enjoy the benefit of discounted registration rates.



# Membership Annual Dues



## The Annual Dues Include:

- one-year membership to ISEN (January through December)
- one-year subscription to the print version of *The Journal of ECT*
- one-year access to the full-text online version of *The Journal of ECT*
- full access to the ISEN Internet website, including Membership Directory, Discussions, and ISEN e-news

## The Annual Dues Are as Follows:

- Physician Member.....\$395
- Physician Member w/o print version of *The Journal of ECT*.....\$375
- Physician Member w/o print or online version of *The Journal of ECT* ....\$205
- Nurse Member .....\$100
- Member-in-training (Residents, Fellows, Students) .....\$100

International members may be eligible for reduced pricing. To learn more, and to join or renew your membership, please visit **[www.isen-ect.org](http://www.isen-ect.org)**.



# Venue & Accommodations

## Venue Information

**etc.venues**

601 Lexington Avenue

New York, NY 10022

<https://convene.com/locations/new-york-city/601-lexington-avenue/>

One of New York City's most iconic skyscrapers is now home to Midtown's newest meeting and event venues. 601 Lexington Avenue is a versatile and tech-enabled space with plenty of breakout areas to catch up with colleagues and clients. Look forward to contemporary design, freshly prepared food and award-winning hospitality.

## Accommodations

Attendees are responsible for booking overnight accommodations if needed. A block of rooms has not been reserved at any one hotel. A few nearby hotels to consider:

### ■ Courtyard by Marriott New York Manhattan/Midtown East

866 3rd Ave, New York, NY 10022

*This hotel is just a three-minute walk away.*

### ■ The Lexington Hotel, Autograph Collection

511 Lexington Ave, New York, NY 10017

*This hotel is a six-minute walk away.*

### ■ InterContinental New York Barclay

111 E 48th St, New York, NY 10017

*This hotel is a seven-minute walk away.*



# Important Event Notes

## Refund Policy

A refund of the registration fee, less an \$85 processing fee, will be made when an email written request followed by an email-written confirmation is received two weeks prior to the event start date. After this time, refunds cannot be made. Fees will not be refunded for failure to participate. The sponsors of the course reserve the right to cancel or postpone any conference because of unforeseen circumstances or insufficient enrollment. In the event of such cancellations, full tuition will be refunded. ISEN reserves the right to refuse registration, or refund registration fees, to any person whose presence has the potential to be disruptive and/or not consistent with the mission and goals of the organization.

## Event Format and Digital Materials

The ECT Certificate Course and 33<sup>rd</sup> Annual Meeting are being offered exclusively as an in-person events. Video recordings of the Annual Meeting event will be made available to registrants approximately one week after the event. Please note, however, continuing education credits can only be claimed for sessions attended in-person. The ECT Certificate Course will not be recorded.

All event registrants will have access to program information, including slide sets received from speakers in advance of the course or meeting, via a password-protected page on the ISEN website.

## Disclosure of Commercial Relationships

In compliance with the ACCME Standards for Commercial Support, all individuals in a position to control/influence the content of this activity are required to disclose relevant financial interests with any commercial interests and/or non-FDA approved use of a drug or a device that is included in the presentation.

## Enhancing Communication

If you require assistance with hearing or vision to make this conference accessible to you, please email [events@isen-ect.org](mailto:events@isen-ect.org) at least three weeks prior to the event date.



# ECT Course Overview

## Intended Audience

Since its development in 1938, electroconvulsive therapy has remained a crucial part of the psychiatrist's armamentarium in the treatment of major mental illness. Continued research has resulted in numerous refinements in treatment technique. Recommendations in the last decade regarding optimal practice have included important new ideas regarding patient selection, stimulus dose titration, and outpatient maintenance strategies. The International Society for ECT and Neurostimulation (ISEN), in accordance with its mission to promote the safe and effective use of ECT, commissioned a task force in 1997 to study the training and credentialing of clinicians in this treatment modality. As a result of this task force, this full-day course on ECT, with exam, was developed. This course has been developed for psychiatrists, other physicians, and nurses involved in the administration of ECT.

## Objectives

At the conclusion of the course, participants should be able to

- identify the indications for electroconvulsive therapy and appropriateness of patients,
- evaluate patients to determine appropriateness for unilateral or bilateral treatment,
- understand stimulus settings for present ECT devices,
- identify and manage common ECT complications,
- develop effective continuation and maintenance treatment strategies for patients with recurrent illness.

## Continuing Education Information

This activity provides continuing education credit for physicians and psychologists. This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the collaboration of AffinityCE and ISEN. AffinityCE is accredited by the ACCME to provide continuing medical education for physicians.

AffinityCE designates this live CME activity for a maximum of 6 hours of *AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AffinityCE is approved by the American Psychological Association to sponsor continuing education for psychologists. AffinityCE maintains responsibility for this program and its content. The instructional level of this activity is intermediate. The cost to participate in this CE activity is included in the activity registration fee.

Nurses and other health professionals can receive a participation certificate that states that this activity provides *AMA PRA Category 1 Credit(s)™*. This may be used for continuing education credit. Please consult your accrediting organization or licensing board for their acceptance of this CE activity.

Practicum sessions will give attendees sufficient time to complete the course objectives. However, ISEN does not certify the competency of any individual.



# ECT Certificate Course Agenda

*Saturday, May 4, 2024*

Start	End	Session
8:00a	8:45a	REGISTRATION & CONTINENTAL BREAKFAST
8:45a	9:00a	WELCOME & OPENING REMARKS Richard Jaffe, MD
9:00a	9:45a	Patient Selection, Preparation, and Management in ECT Richard Jaffe, MD
9:45a	10:30a	ECT Adverse Effects and Their Management Richard Weiner, MD, PhD
10:30a	10:45a	BREAK
10:45a	11:30a	The Use of Anesthesia in ECT Georgios Petrides, MD
11:30a	12:15p	Decisions in the Course of ECT Robert Greenberg, MD
12:15p	12:30p	Question and Answer Session
12:30p	1:30p	LUNCH & FACULTY ROUNDTABLE DISCUSSIONS



# ECT Certificate Course Agenda

*Saturday, May 4, 2024*

Start	End	Session
1:30p	2:15p	<b>Practicum Session One</b> .75 credits <b>ECT Devices</b> C. Edward Coffey, MD and Joan Prudic, MD <b>Patient Preparation</b> Charles H. Kellner, MD and Amy S. Aloysi, MD, MPH <b>EEG</b> W. Vaughn McCall, MD, MS
2:15p	2:20p	ROTATE PRACTICUMS
2:20p	3:05p	<b>Practicum Session Two</b>
3:05p	3:20p	BREAK & ROTATE PRACTICUMS
3:20p	4:05p	<b>Practicum Session Three</b>
4:05p	4:10p	RETURN TO GENERAL SESSION
4:10p	4:40p	<b>Question and Answer Session</b>
4:40p	4:45p	<b>Closing Remarks</b> Rich Jaffe, MD

## ONLINE CERTIFICATE EXAM

*Participants may begin the exam at their convenience as early as May 4<sup>th</sup> @4:45p ET, but no later than May 11<sup>th</sup> @ 4:45p ET.*





# ECT Certificate Course Faculty

**AMY S. ALOYSI, MD, MPH**

Associate Professor of Psychiatry, Director,  
MSHS ECT Program, Icahn School of Medicine  
at Mount Sinai  
New York, New York

**C. EDWARD COFFEY, MD**

Affiliate Professor of Psychiatry and  
Behavioral Sciences, Medical University of  
South Carolina  
Charleston, South Carolina

**ROBERT M. GREENBERG, MD**

Medical Director for ECT, RWJ Barnabas  
Health System, Clinical Professor of Psychiatry,  
Robert Wood Johnson School of Medicine  
New York, New York

**RICHARD JAFFE, MD**

***Course Director***

Clinical Associate Professor (Adjunct),  
Psychiatry, Temple University School of  
Medicine  
Philadelphia, Pennsylvania

**CHARLES H. KELLNER, MD, DFAPA**

Professor Emeritus, Department of Psychiatry  
and Behavioral Sciences, Medical University of  
South Carolina  
Charleston, South Carolina

**W. VAUGHN MCCALL, MD, MS**

Case Distinguished University Chair,  
Department of Psychiatry and Health Behavior,  
Executive Vice Dean, The Medical College of  
Georgia, Augusta University  
Augusta, Georgia

**GEORGIOS PETRIDES, MD**

Chairman, Department of Behavioral Health  
and Psychiatry, Trinitas Regional Medical  
Center, RWJBarnabas Health  
Elizabeth, New Jersey

**JOAN PRUDIC, MD**

Clinical Professor of Psychiatry, Columbia  
University Irving Medical Center  
New York, New York

**RICHARD D. WEINER, MD, PHD**

Professor Emeritus, Department of Psychiatry  
and Behavioral Sciences, Duke University  
Medical Center  
Durham, North Carolina



# ECT Certificate Course Registration

## Registration

Visit [www.ISEN-ect.org](http://www.ISEN-ect.org) to register online.

All registrants must submit a current copy of their medical license, or practice equivalent, in order to participate in this event. You will be able to upload such documentation after you register. Documentation must be uploaded to your ISEN account by April 26, 2024.

Trainee and student registrants must verify their status via an enrollment verification letter. Email such documentation to [contact@isen-ect.org](mailto:contact@isen-ect.org).

## Registration Fees ECT Certificate Course May 4, 2024 *(in-person participation only)*

- ☐ ISEN Physician Members \$945
- ☐ ISEN Other Clinician Members \$945
- ☐ ISEN Nurse Members \$345
- ☐ ISEN Residents/Fellows/Student Members\* \$345
- ☐ Non-Member Physicians \$1,345
- ☐ Non-Member Other Clinicians \$1,345
- ☐ Non-Member Nurses \$445
- ☐ Non-Member Residents/Fellows/Students\* \$445

\*Requires status verification

International registrants may be eligible for reduced pricing. To learn more, and to join or renew your membership, please visit [www.isen-ect.org](http://www.isen-ect.org).



# Annual Meeting Overview

## Intended Audience

This year's conference is intended for practitioners, mental health professionals, and researchers of ECT and related stimulation techniques. A poster session will allow for the most recent research in ECT and other brain stimulation modalities to be presented. The information presented in this CME offering reflects the opinion of the presenters. As with all science, there may be multiple explanations for the data and multiple reasonable conclusions.

## Objectives

At the conclusion of the conference, participants should be able to

- discuss the latest clinical trials and knowledge of ketamine and ECT in treating depression,
- discuss the latest clinical data new techniques in managing ECT post-op agitation and delirium,
- summarize new strategies in the use of TMS and MST in the treatment of psychiatric disorders,
- describe topics in basic science and clinical research of ECT and related brain stimulation treatment.

## Continuing Education Information

This activity provides continuing education credit for physicians and psychologists. This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the collaboration of AffinityCE and ISEN. AffinityCE is accredited by the ACCME to provide continuing medical education for physicians.

AffinityCE designates this live CME activity for a maximum of 7.25 hours of *AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AffinityCE is approved by the American Psychological Association to sponsor continuing education for psychologists. AffinityCE maintains responsibility for this program and its content. The instructional level of this activity is intermediate. The cost to participate in this CE activity is included in the activity registration fee.

Nurses and other health professionals can receive a participation certificate that states that this activity provides *AMA PRA Category 1 Credit(s)™*. This may be used for continuing education credit. Please consult your accrediting organization or licensing board for their acceptance of this CE activity.



# ISEN 33<sup>rd</sup> Annual Meeting Agenda

Sunday, May 5, 2024 (page 1)

Start	End	Symposia / Sessions
7:30a	8:30a	REGISTRATION & CONTINENTAL BREAKFAST
8:00a	8:30a	UPDATE ON THE SOCIETY Adriana Hermida, MD [President, ISEN] WELCOME AND OPENING REMARKS Daniel Maixner, MD [Program Committee Chair, ISEN]
		CLINICAL CARE DILEMMAS AND STRATEGIES Adriana Hermida, MD & Phern-Chern Tor, MBBS, MMed (Psy) [chairs]
8:30a	9:00a	Comorbid Personality Difficulties and Response to ECT for Depression Declan McLoughlin, MD
9:00a	9:30a	Enhancing Patient and Family Experience: Update on ENCODE Program and Use of ECT Support Groups Paula Bolton, MS, CNP, ANP-BC Teresa Henderson, MSN, CNP, FNP-BC Vona Davis, MSN, PMHNP-BC
9:30a	10:00a	Post Ictal Agitation Review and Treatment Strategies Lyndsay Head, MD, MBA, FASA
10:00a	10:15a	BREAK
10:15a	10:45a	ECT vs. Ketamine: A Critical Review of the Comparative Data Gerard Sanacora MD, PhD
10:45a	11:15a	Prescribing ECT: Not As Simple As It Used To Be Shane Gill, BMBS, FRANZCP
11:15a	11:40a	Question and Answer Session Clinical Care Dilemmas and Strategies Symposium Presenters



# ISEN 33<sup>rd</sup> Annual Meeting Agenda

Sunday, May 5, 2024 (page 2)

Start	End	Symposia / Session
11:40a	1:00p	<b>AWARDS LUNCHEON</b> <b>2024 Trainee Travel Awards</b> presented by Adriana Hermida, MD  <b>Best Abstract by a Trainee Award</b> presented by Irving Reti, MBBS to Azriel Hong Kiat Koh, MBBS <b>for The Association Between Outpatient Continuation/Maintenance ECT, Readmission Risk and Total Direct Cost in Patients with Depressive, Bipolar and Psychotic Disorders: A Naturalistic Retrospective Cohort Study</b>  <b>Best Abstract Award</b> presented by Phern-Chern Tor, MBBS, MMed (Psy) to H. Yavuz Ince, MD for <b>Epilepsy-Risk in Children and Adolescents Receiving ECT</b>  <b>Best Publication, Journal of ECT Award</b> presented by Randall Espinoza, MD, MPH to Simon Hjerrild, MD, PhD for ECT and Risk of Road Traffic Accidents. A Danish Register–Based Cohort Study  <b>Mary Rosedale Patient Advocacy Award</b> presented by Paula Bolton, MS, CNP, ANP-BC
		<b>ADVANCES IN ECT</b> Daniel Maixner, MD [chair]
1:00p	1:30p	<b>Towards Personalized Electrical Dosing in ECT: Factors and Methods</b> Randall Espinoza, MD, MPH
1:30p	2:00p	<b>Individualizing Amplitude to Improve ECT Clinical Outcomes</b> Chris Abbott, MD, MS
2:00p	2:30p	<b>Neurocognitive Effects of ECT: Separating Fact from Fiction</b> Shawn McClintock, PhD, MSCS
2:30p	2:45p	<b>Question and Answer Session</b> Advances in ECT Symposium Presenters



# ISEN 33<sup>rd</sup> Annual Meeting Agenda

*Sunday, May 5, 2024 (page 3)*

Start	End	Symposia / Session
2:45p	3:00p	<b>BREAK</b>
		<b>STUDIES IN NEUROMODULATION</b> Irving Reti, MBBS [chair]
3:00p	3:30p	<b>Rapid Depressive Symptoms Improvement in Bipolar Disorder Type 1 after Stanford Accelerated Intelligent Neuromodulation Therapy (SAINT): A Two-Site Feasibility and Safety Open-Label Trial</b> Jorge Almeida, MD, PhD
3:30p	4:00p	<b>Current Status of TMS: Lessons from a Very Large Patient Registry</b> Harold Sackeim, PhD
4:00p	4:30p	<b>A Preliminary Report from the Confirmatory Efficacy and Safety Trial of Magnetic Seizure Therapy for Depression (CREST-MST)</b> Daniel Blumberger, MD, MSc, FRCPC
4:30p	4:45p	<b>Question and Answer Session</b> Studies in Neuromodulation Symposium Presenters
4:45p	5:45p	<b>POSTER SESSION &amp; RECEPTION</b>



# ISEN Annual Meeting Faculty & Planning Committee

## Planning Committee

**FRANK M. MOSCARILLO, MD**

*Executive Director, ISEN*

Chevy Chase, Maryland

**ADRIANA P. HERMIDA, MD**

*President, ISEN*

Professor, Geriatric Psychiatry Fellowship  
Director, Department of Psychiatry and  
Behavioral Sciences, Emory University  
Atlanta, Georgia

**DANIEL F. MAIXNER, MD**

*Vice President, ISEN*

*Program Chair*

ECT Program Director, Professor of Psychiatry,  
Michigan Medicine  
Ann Arbor, Michigan

**IRVING M. RETI, MBBS**

*Secretary, ISEN*

Director, Brain Stimulation Program, Professor of  
Psychiatry and Behavioral Sciences, Johns  
Hopkins Hospital  
Baltimore, Maryland

**PHERN-CHERN TOR, MBBS, MMed (Psy)**

*Treasurer, ISEN*

Head of Neurostimulation Services,  
Institute of Mental Health (Singapore)  
Singapore

**PAULA BOLTON, MS, CNP, ANP-BC**

*Nursing Subcommittee Co-Chair, ISEN*

Program Director, Psychiatric Neurotherapeutics  
Program, McLean Hospital  
Belmont, Massachusetts

**DONNA ECKLESDAFER, MSN, BSN, RN**

*Nursing Subcommittee Co-Chair, ISEN*

Neuromodulation Clinic Manager, Pine Rest  
Christian Mental Health Services  
Grand Rapids, Michigan

## Clinical Care Dilemmas and Strategies

**ADRIANA P. HERMIDA, MD**

(see above)

**DECLAN M. MCLOUGHLIN, PhD**

Research Professor of Psychiatry, Trinity College  
Dublin & St Patrick's University Hospital  
Dublin, Ireland

**PAULA BOLTON, MS, CNP, ANP-BC**

(see above)

**TERESA HENDERSON, MSN, CNP, FNP-BC**

Charge Nurse, Psychiatric Neurotherapeutics  
Program, McLean Hospital  
Belmont, Massachusetts

**VONA DAVIS, MSN, PMHNP-BC**

Assistant Director of Nursing Operations,  
Hill Center Partial Hospital Program/Outpatient  
Trauma Clinic, McLean Hospital  
Belmont, Massachusetts



# ISEN Annual Meeting Faculty & Planning Committee *(continued)*

**LYNDSAY W. HEAD, MD, MBA, FASA**

Emory Specialty Associates Anesthesiology,  
Division Chief of Inpatient Community Practice  
Atlanta, Georgia

**GERARD SANACORA MD, PhD**

George D. Gross and Esther S. Gross Professor of  
Psychiatry, Yale University School of Medicine  
Director Yale Depression Research Program  
Co-Director Yale New Haven Hospital  
Interventional Psychiatry Service  
New Haven, Connecticut

**SHANE GILL, BMBS, FRANZCP**

Director of Psychiatry Training, South Australia,  
Clinical Lecturer, Discipline of Psychiatry,  
University of Adelaide  
Adelaide, Australia

**Advances in ECT**

**DANIEL F. MAIXNER, MD**

(see above)

**RANDALL ESPINOZA, MD, MPH**

Professor of Clinical Psychiatry, Geffen School of  
Medicine at UCLA, Medical Director, ECT and  
Interventional Psychiatry Program, Resnick  
Neuropsychiatric Hospital at UCLA  
Los Angeles, California

**CHRIS ABBOTT, MD MS**

Professor, Neuromodulation Division Chief  
University of New Mexico  
Albuquerque, New Mexico

**SHAWN M. MCCLINTOCK, PhD, MSCS**

Professor, Division of Psychology, Department  
of Psychiatry, UT Southwestern Medical Center  
Dallas, Texas

**Studies in Neuromodulation**

**IRVING M. RETI, MBBS**

(see above)

**JORGE ALMEIDA, MD PhD**

Director, Bipolar Disorder Center, Associate  
Professor of Psychiatry, Department of  
Psychiatry and Behavioral Sciences, Dell  
Medical School, The University of Texas at  
Austin  
Austin, Texas

**HAROLD A. SACKEIM, PhD**

Professor, Departments of Psychiatry and  
Radiology, Vagelos College of Physicians and  
Surgeons of Columbia University  
New York, New York

**DANIEL M. BLUMBERGER, MD, MSc, FRCPC**

Director and Chair, Temerty Centre for  
Therapeutic Brain Intervention  
Centre for Addiction and Mental Health  
Professor, Department of Psychiatry,  
University of Toronto  
Toronto, Ontario





# ISEN Annual Meeting Faculty & Planning Committee *(continued)*

## Awards

### **AZRIEL KOH HONG KIAT, MBBS**

Senior Resident, National Healthcare Group  
Singapore

### **H. YAVUZ INCE, MD**

Clinical Assistant Professor, University of Michigan  
Ann Arbor, Michigan

### **SIMON HJERRILD, MD, PhD**

Associate Clinical Professor, Aarhus University  
Denmark



# ISEN Annual Meeting Registration

## Registration

Visit [www.ISEN-ect.org](http://www.ISEN-ect.org) to register online.

Trainee and student registrants must verify their status via an enrollment verification letter. Email such documentation to [contact@isen-ect.org](mailto:contact@isen-ect.org).

## Registration Fees 33<sup>rd</sup> Annual Meeting May 5, 2024 *(in-person participation only)*

- ☐ ISEN Physician Members \$490
- ☐ ISEN Other Clinician Members \$490
- ☐ ISEN Nurse Members \$150
- ☐ ISEN Residents/Fellows/Student Members\* \$150
- ☐ ISEN Abstract Poster/Oral Presenters\*\* \$250
- ☐ Non-Member Physicians \$870
- ☐ Non-Member Other Clinicians \$870
- ☐ Non-Member Nurses \$250
- ☐ Non-Member Residents/Fellows/Students\* \$250
- ☐ Non-Member Abstract Poster/Oral Presenters\*\* \$450

\*Requires status verification

\*\*Requires acceptance of submitted abstract; one presenter per poster

International registrants may be eligible for reduced pricing. To learn more, and to join or renew your membership, please visit [www.isen-ect.org](http://www.isen-ect.org).