The Association for Applied Psychophysiology & Biofeedback (AAPB), the pioneering professional society devoted to education and research in this field, will be hosting its 52nd Annual Scientific Meeting in Irving, Texas on March 23-26, 2022 at the Omni Mandalay Hotel at Las Colinas. Please save the dates and make plans to attend the entire meeting. You won’t want to miss the opportunity to attend practical workshops, learn from leading clinicians and researchers and check out the latest equipment.

The goal of this conference is to bring clinicians, physicians, researchers and professionals involved with biofeedback and applied psychophysiology together to exchange information, ideas, scientific data and to share experiences. Biofeedback is a process that enables an individual to learn how to change physiological activity for the purposes of improving health and performance. Precise instruments measure physiological activity such as brainwaves, heart function, breathing, muscle activity and skin temperature. These instruments rapidly and accurately “feed back” information to the user. The presentation of this information — often in conjunction with changes in thinking, emotions and behavior — supports desired physiological changes. Over time, these changes can endure without continued use of an instrument. Hot topics in Biofeedback encompass HRV, Neurofeedback, Optimal Performance.

52nd ANNUAL SCIENTIFIC MEETING HIGHLIGHTS INCLUDE:

- **Three keynote/general sessions** featuring WORLD renowned scientists and practitioners:
  - Inna Khazan, PhD, BCB, BCB-HRV
  - Ronald Swatzyna, PhD, BCN
  - 2022 Distinguished Scientist Lecturer – Donald Moss PhD, BCB, BCN, BCB-HRV

- **Over a dozen Pre-Conference Workshops** on Wednesday, March 23 – Thursday, March 24
- **Over 25 Breakout Sessions** that include a variety of panels, symposia, and lectures
- **Exhibit Hall and Networking Receptions** to allow you to meet and collaborate with those who share an interest in biofeedback
- **MAXIMUM 32 total program APA CE credits and CME** allow you to get the lion’s share of required credits for licensures and certification
- **Virtual attendance will be available for select sessions and virtual registration will be open in 2022. We will stream and record keynote addresses and select sessions (to be determined). Stay tuned for the virtual schedule.**

CONTINUING EDUCATION

**Psychologists:** The Association for Applied Psychophysiology and Biofeedback is approved by the American Psychological Association (APA) to offer continuing education for psychologists. AAPB maintains responsibility for this program and its content. The AAPB 52nd Annual Scientific Meeting offers a **MAXIMUM of 32 credits.**

**BCIA Recertification:** Hour-for-hour attendance in breakout sessions and workshops may be used to fulfill the continuing education requirement for recertification with the certificate of attendance.

**Physicians Accreditation Statement:** In support of improving patient care, this activity has been planned and implemented by Amedco and the Association for Applied Psychophysiology & Biofeedback. Amedco is jointly accredited by the American Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.
ABOUT OUR TRACKS

The meeting sessions are categorized into the following TRACKS, to allow you to select those sessions that are most relevant to you.

Basic Science (All Levels): Applied Psychophysiology and Biofeedback are objective and evidence-based fields. They are grounded in an understanding of several related disciplines; neurophysiology, neuroanatomy, cognitive psychology, neuropsychology, cardiovascular physiology, respiratory physiology, public health and others. These sessions focus on underlying mechanisms and may be experimental, descriptive or literature reviews.

Clinical Interventions and Optimal Performance: This track targets licensed clinicians working with patients as well as performance trainers and educators working with clients. These sessions provide evidence for successful biofeedback training options and typically involve patients wanting specific therapeutic treatments and interventions to address clinically diagnosed problems or healthy clients wanting to improve overall functioning and/or seeking techniques and approaches to enhance optimal performance.

Hot Topics: This track features presentations focused on new ideas, technological advances, challenges and new applications of psychophysiological science. Sessions within this track provide a venue for more speculative thinking as well as information on developments from other disciplines that could impact the way we conduct biofeedback.

ABOUT INSTRUCTIONAL LEVELS

All instructional LEVELS are categorized as Introductory, Intermediate, and Advanced. Complete information, including session descriptions, learning objectives, presenter bios, associated risks, practice GAP and correction analysis, clinical and/or research focus and subject matter classifications are available online, where possible, at www.aapb.org, in full compliance with APA and AMA continuing education requirements. There is no known commercial support for this program.

INTRODUCTORY: Content is designed for psychologists who may have little to no background in a specialized skill or content area. Through this level of programming, the learner can become acquainted with the theoretical underpinnings, principles, methods, and perspectives of a content area. An introductory level program also may serve as the foundation for subsequent intermediate and advanced learning. Introductory level programming may also be related to an emerging area of knowledge or practice. Although this content can be used as a foundation for more advanced learning, an introductory level program may simply focus on breadth, enrichment or general knowledge.

INTERMEDIATE: Content builds upon the learner’s foundational knowledge, familiarity with the literature and/or experience in a content area. Programming at this level includes more depth than at a beginning level program. It could also serve as a refresher course for individuals who have background in a content area and are interested in learning more contemporary applications.

ADVANCED: Builds upon established experience, knowledge and skills in the content area. This may include more diverse applications to specific populations, or a novel application of the skill presented. Advanced level programming tends to be more specialized in nature and allows the learner to integrate and enhance knowledge and skills into their practice or other professional domains.

For those psychologists using the modality of biofeedback and interested in the efficacy, science and latest clinical applications. This conference presents research relevant to psychological practice, education and science; (2) it is our intention to host an offering to help psychologists to keep up with the most current scientific evidence regarding assessment, intervention, and education; and (3) we believe that this program would allow psychologists to increase competencies in order to improve services to patients. This conference is IN NO WAY a substitute for the basic academic education and training needed for entry to the field of psychology.
**MEETING REGISTRATION FEES**

*Prices for workshops are shown per session*

AAPB has special registration rates for **Veterans, *Long-Term Members, and International Attendees as follows:**

<table>
<thead>
<tr>
<th></th>
<th>By February 15</th>
<th>After February 15</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Full Meeting (Fri. &amp; Sat. Sessions)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AAPB Member</td>
<td>$465</td>
<td>$520</td>
</tr>
<tr>
<td>ISNR/ISMA/IABMCP Member</td>
<td>$495</td>
<td>$545</td>
</tr>
<tr>
<td>Non-member</td>
<td>$585</td>
<td>$685</td>
</tr>
<tr>
<td>Student Rate</td>
<td>$100</td>
<td>$110</td>
</tr>
<tr>
<td>*Long-Term Member</td>
<td>$375</td>
<td>$399</td>
</tr>
<tr>
<td>VA Member</td>
<td>$265</td>
<td>$290</td>
</tr>
<tr>
<td>VA Non-Member</td>
<td>$315</td>
<td>$415</td>
</tr>
<tr>
<td>International Member</td>
<td>$450</td>
<td>$490</td>
</tr>
<tr>
<td>International Non-Member</td>
<td>$490</td>
<td>$590</td>
</tr>
<tr>
<td>AAPB Past-President</td>
<td>$100</td>
<td>$110</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ONE-DAY Rates (Fri. or Sat.)</strong></th>
<th>By February 15</th>
<th>After February 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAPB Member</td>
<td>$245</td>
<td>$299</td>
</tr>
<tr>
<td>ISNR/ISMA/IABMCP Member</td>
<td>$245</td>
<td>$299</td>
</tr>
<tr>
<td>Non-member</td>
<td>$275</td>
<td>$375</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Full-day Workshops (Wed. &amp; Thurs.)</strong></th>
<th>By February 15</th>
<th>After February 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAPB Member</td>
<td>$265</td>
<td>$285</td>
</tr>
<tr>
<td>ISNR/ISMA/IABMCP Member</td>
<td>$265</td>
<td>$285</td>
</tr>
<tr>
<td>Non-member</td>
<td>$315</td>
<td>$335</td>
</tr>
<tr>
<td>Student Member</td>
<td>$125</td>
<td>$135</td>
</tr>
<tr>
<td>Student Non-member</td>
<td>$150</td>
<td>$175</td>
</tr>
<tr>
<td>*Long-Term Member</td>
<td>$210</td>
<td>$215</td>
</tr>
<tr>
<td>**VA Member</td>
<td>$135</td>
<td>$155</td>
</tr>
<tr>
<td>**VA Non-Member</td>
<td>$155</td>
<td>$170</td>
</tr>
<tr>
<td>International Member</td>
<td>$265</td>
<td>$285</td>
</tr>
<tr>
<td>International Non-Member</td>
<td>$315</td>
<td>$335</td>
</tr>
<tr>
<td>AAPB Past-President</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Half-day Workshops (Wed. &amp; Thurs.)</strong></th>
<th>By February 15</th>
<th>After February 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAPB Member</td>
<td>$145</td>
<td>$165</td>
</tr>
<tr>
<td>ISNR/ISMA/IABMCP Member</td>
<td>$145</td>
<td>$165</td>
</tr>
<tr>
<td>Non-member</td>
<td>$185</td>
<td>$215</td>
</tr>
<tr>
<td>Student Member</td>
<td>$69</td>
<td>$89</td>
</tr>
<tr>
<td>Student Non-member</td>
<td>$95</td>
<td>$105</td>
</tr>
<tr>
<td>*Long-Term Member</td>
<td>$110</td>
<td>$130</td>
</tr>
<tr>
<td>**VA Member</td>
<td>$69</td>
<td>$89</td>
</tr>
<tr>
<td>**VA Non-Member</td>
<td>$79</td>
<td>$99</td>
</tr>
<tr>
<td>International Member</td>
<td>$145</td>
<td>$165</td>
</tr>
<tr>
<td>International Non-Member</td>
<td>$185</td>
<td>$205</td>
</tr>
<tr>
<td>AAPB Past-President</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

** If you have been a member of AAPB for 20 years (consecutive or total) and are a current or renewing member at the time of registration - we will extend an additional 20% off in appreciation – Contact AAPB to register - reference “20 off for 20 on”

** AAPB is committed to support not only our military and veterans but also those who care for them in the VA. Discount applies to active military and VA employees only. Proof of employment or military status required with registration.
HOW TO REGISTER

- **Register online** with a credit card at aapb.org. Confirmations and receipts will be sent by e-mail.
- **Fax** the registration form (as included in this publication) to 720.881.6102 – payment will need to be mailed by check/money order, called in to AAPB headquarters, or paid online when your registration has been entered.
- **Mail** the registration form with payment to: AAPB, PO Box 723248, Atlanta, GA 31339
- **All confirmations will be sent by e-mail**

CANCELLATION, REFUND AND COMPLIANCE POLICY

Please address questions, concerns, and any complaints to AAPB, via Phone: 800-477-8892, or via Email, info@aapb.org. AAPB is committed to accessibility and non-discrimination in its continuing education activities. Participants are asked to be aware of the need for privacy and confidentiality throughout the program. If program content becomes stressful, participants are encouraged to process these feelings during discussion periods. If participants have special needs, we will make every attempt to accommodate them in compliance with the ADA act.

**Refund/Attendance Policy:** Cancellations received in the AAPB office by March 5, 2022 will be refunded minus a $50 processing fee. Cancellations must be made in writing and faxed to 720.881.6102 or emailed to info@aapb.org. Refunds will not be given after this date.

**IMPORTANT NOTICE:** Those who attend this conference in full and complete the appropriate evaluation form will receive CE credits. Those arriving more than 15 minutes after the start time or leaving before a given conference activity is completed will not receive CE credit.

**Grievance Policy:** AAPB is fully committed to conducting all activities in strict conformance with the American Psychological Association’s Ethical Principles of Psychologists. They will comply with all legal and ethical responsibilities to be non-discriminatory in promotional activities, program content and in the treatment of program participants. If participants have special needs, we will attempt to accommodate them. Trainings are held in locations accessible to persons with disabilities. Accommodations will be made if requested. While AAPB works to assure fair treatment for all participants and attempts to anticipate problems, there will be occasional issues which will require intervention and/or action on the part of AAPB. This procedural description serves as a guideline for handling such grievances. When a participant, either orally or in written format, files a grievance and expects action on the issue, the following actions will be taken: 1. If the grievance concerns a speaker, the content presented by the speaker, or the style of presentation, the individual filing the grievance will be asked to put his/her comments in written format. The CE Coordinator will then pass on the comments to the speaker, assuring the confidentiality of the grieved individual. 2. If the grievance concerns a workshop offering, its content, level of presentation, or the facilities in which the workshop was offered, the CE Coordinator will mediate and will be the final arbitrator. If the participant requests action during a workshop or conference, the CE Coordinator or his/her representative will: a. attempt to move the participant to another presentation or; b. provide a credit for a subsequent presentation or; c. provide a partial or full refund of the registration fee. Actions 2b and 2c will require a written note, documenting the grievance, for record keeping purposes. The note need not be signed by the grieved individual. 3. If the grievance concerns the business practices of AAPB, in a specific regard, the CE Coordinator will attempt to arbitrate. There is no commercial support for this program nor are there any relationships between the CE Sponsor, presenting organization, presenter, program content, research, grants, or other funding that could reasonably be construed as conflicts of interest.
SCHEDULE BY DAY

PLEASE NOTE: The schedule is tentative, and subject to change. We will live stream and record keynote presentations and select breakout sessions for virtual ONLY attendee participation. Preconference Workshops will be held onsite, for "in-person" only participation. Virtual Registration for the conference will be offered separately in February 2022 for those who cannot or prefer not to travel.

ALL TIMES LISTED ARE INDICATED IN US CENTRAL TIME.

TUESDAY, MARCH 22, 2022

5:00pm - 7:00pm  Registration Open

WEDNESDAY, MARCH 23, 2022

8:00am - 6:00pm  Registration Open
8:00am - 9:00am  Workshop Attendee-only CONTINENTAL Breakfast
9:00am – 6 or 6:30pm  ***FULL-DAY PRE-CONFERENCE WORKSHOPS***

| TICKETED EVENT | WS01 BCIA Heart Rate Variability Biofeedback Certificate of Completion Workshop - Part 1
| Presented by: | Fredric Shaffer, PhD, BCB-HRV; Donald Moss, PhD, BCB, BCN, BCB-HRV; Inna Khazan, PhD, BCB, BCB-HRV
| CES: | 7.5*
| TRACK: | Basic Science
| LEVEL: | Introductory

*This workshop concludes at 6:30 pm to ensure 7.5 hours toward completion of the BCIA HRV Certificate didactic requirement.

| TICKETED EVENT | WS02 Neurofield Advanced Course - Part 1
| Presented by: | Nicholas Dogris, PhD, QEEG-D, BCN; Tiff Thompson, PhD, R.EEG.T, BCN, QEEG-D, MFT
| CES: | 7
| TRACK: | Clinical Interventions and Optimal Performance
| LEVEL: | Advanced

| TICKETED EVENT | WS03 General Introduction to Biofeedback Peripherals
| Presented by: | Frank DeGregorio, Raymond Yust
| CES: | 7
| TRACK: | Basic Science
| LEVEL: | Introductory

| TICKETED EVENT | WS04 Infraslow (ISF) Bipolar Workshop - Part 1
| Presented by: | Mark Smith, LCSW
| CES: | 7
| TRACK: | Hot Topics
| LEVEL: | Introductory

| TICKETED EVENT | WS05 Brain Connectivity Assessment and Treatment
| Presented by: | Robert Coben, PhD; Anne W. Stevens, PhD
| CES: | 7
| TRACK: | Clinical Interventions and Optimal Performance
| LEVEL: | Intermediate

9:00am - 1:00pm  ***HALF-DAY MORNING PRE-CONFERENCE WORKSHOPS***

| TICKETED EVENT | WS10 Integrating Bio- and Neurofeedback in Psychedelic Assisted Therapies
| Presented by: | Jeff Tarrant, PhD, BCN; Heather Hargraves, MA., C.Psych.Assoc. (SP), NMI-3
| CES: | 4
| TRACK: | Basic Science
| LEVEL: | Intermediate

- 7 -
WEDNESDAY, MARCH 23, 2022

1:00pm – 2:00pm  **LUNCH BREAK (ON YOUR OWN)**

2:00pm – 6:00pm  ***HALF-DAY AFTERNOON PRE-CONFERENCE WORKSHOPS***

**TICKETED EVENT**
WS11  EEG: Linking Neurology, Psychiatry, and Neurotherapy
**Presented by:** Ronald Swatzyna, PhD; Harry Kerasidis, MD; Robert "Rusty" Turner, MD
**CEs:** 4  
**TRACK:** Hot Topics
**LEVEL:** Intermediate

THURSDAY, MARCH 24, 2022

8:00am - 6:00pm  **Registration**

8:00am - 9:00am  **Workshop Attendee-only CONTINENTAL Breakfast**

9:00am -12:00pm  **Exhibitor Move-In and Set-up**

1:00pm – 6:00pm  **AAPB SYNERGY LOUNGE**

Open all day, featuring prominent experts and AAPB-endorsed authors for open discussion, experience sharing and informal networking - and opportunity to reconnect and engage for non-CE learning. The Lounge is designed with virtual capabilities to ensure connectivity between those present at the meeting and those who can join us virtually.
### Full-Day Pre-Conference Workshops

**9:00am – 6 or 6:30pm**

| Ticketed Event | WS12 Heart Rate Variability Biofeedback (HRVB): How To Do It, Why It Works, and For What - Part 2
| Presented by: | Paul Lehrer, PhD, BCB-HRV; Richard Gevirtz, PhD, BCB-HRV
| CEs: | 7.5*
| Track: | Basic Science
| Level: | Introductory

*This workshop concludes at 6:30pm to ensure 7.5 hours toward completion of the BCIA HRV Certificate didactic requirement.*

| Ticketed Event | WS13 Neurofield Advanced Course - Part 2
| Presented by: | Nicholas Dogris, PhD, QEEG-D, BCN; Tiff Thompson, PhD, R.EEG.T, BCN, QEEG-D, MFT
| CEs: | 7
| Track: | Clinical Interventions and Optimal Performance
| Level: | Advanced

| Ticketed Event | WS14 Intraslow (ISF) Bipolar Workshop - Part 2
| Presented by: | Mark Smith, LCSW
| CEs: | 4
| Track: | Hot Topics
| Level: | Intermediate

**8 or 9:00am - 1:00pm**

| Ticketed Event | WS15 BCIA Biofeedback Certification Exam Review
| Presented by: | Fredric Shaffer, PhD, BCB; Donald Moss, PhD, BCB, BCB-HRV; Inna Khazan, PhD, BCB, BCB-HRV
| Track: | Basic Science
| Level: | Introductory

**1:00pm - 2:00pm**

**Lunch Break (On Your Own)**

**2:00pm - 6:00pm**

| Ticketed Event | WS18 Develop, Recover, Advance: A Workshop Connecting the Science and Practice of Neurophysiology to Optimize Brain Health
| Presented by: | Robert Cohen, PhD; Anne W. Stevens, PhD
| CEs: | 2
| Track: | Basic Science
| Level: | Introductory

**2:00pm - 6:00pm**

| Ticketed Event | WS19 Bringing Results Home: Using Portable Neurofeedback and Virtual Reality Devices to Improve Patient Treatment Adherence
| Presented by: | Robert Reiner, PhD, BCB, BCN; Heather Davidson, PhD, BCN; Scott Lloyd, PhD, BCB, BCN
| CEs: | 4
| Track: | Hot Topics
| Level: | Intermediate

### Half-Day Morning Pre-Conference Workshops

| Ticketed Event | WS21 Working with Screen Dependence, Obsession and Addiction: Effects on Health, Wellness and Development
| Presented by: | Mari Swingle, PhD
| CEs: | 4
| Track: | Hot Topics
| Level: | Intermediate

### Half-Day Afternoon Pre-Conference Workshops

**2:00pm - 6:00pm**

| Ticketed Event | WS23 BCIA Neurofeedback Certification Exam Review
| Presented by: | John Demos, MA, LCMHC, BCN, QEEG-D
| CEs: | 4
| Track: | Basic Science
| Level: | Introductory
THURSDAY, MARCH 24, 2022

2:00pm – 9:00pm  **EXHIBITS VIEWING** - During the Annual Meeting, be sure to visit the Exhibit Hall for the latest information on the equipment, products and services you need to practice biofeedback more effectively and efficiently. Don’t miss this opportunity to speak one-on-one with representatives from those organizations that support the field and AAPB.

6:00pm – 6:30 pm  **Group Co-Regulation/Meditation Session**

7:00pm – 9:00pm  **Welcome Reception**

*In Exhibit Hall – Join us for heavy hors d’oeuvres, cash bar and networking!*

---

FRIDAY, MARCH 25, 2022

8:00am - 7:00pm  **Registration**

8:00am – 8:30am  **Morning Meditation**

7:00am - 9:00pm  **EXHIBIT HALL OPEN**

8:00am - 9:00am  **General Attendee CONTINENTAL Breakfast**

9:00am – 7:00pm  **AAPB SYNERGY LOUNGE**

Open all day, featuring prominent experts and AAPB-endorsed authors for open discussion, experience sharing and informal networking - and opportunity to reconnect and engage for non-CE learning. The Lounge is designed with virtual capabilities to ensure connectivity between those present at the meeting and those who can join us virtually.
Human lives are always full of challenges. There is always need for better resilience and self-regulation. The last two years have been particularly challenging to human connection, typically one of the main contributors to our resilience. In this talk, we discuss some of the common denominators to resilience and self-regulation - HRV, compassion, and connection. We will discuss close physiological ties between these concepts and practical ways to integrate them into our lives in order to nurture resilience and self-regulation.

- Hot Topics
- Intermediate
- 60% Clinical/40% Research

LEARNING OBJECTIVES:

- Explain physiological ties between HRV, compassion, and human connection
- Discuss ways to integrate HRV and compassion practices into daily life
- Utilize HRV and compassion practices in improving self-regulation and resilience

TARGET AUDIENCE: Anyone interested in learning more about the physiological ties between HRV, compassion, and connection, as well as ways to integrate practices based on these concepts into our daily lives.

DIVERSITY CONSIDERATIONS: We will discuss ways in which concepts of HRV, compassion and connection apply to diverse groups.

Inna Khazan, PhD, BCB is a faculty member at Harvard Medical School and a clinical psychologist specializing in health psychology and performance excellence training using biofeedback and mindfulness-based approaches. Dr. Khazan is recognized as a pioneer in mindfulness-based biofeedback. She teaches nationally and internationally, including at institutions such as the US Navy Special Warfare, US Army Special Forces, and the Stuttgart Opera and Ballet Company. Dr. Khazan is a member of the board of directors for the Institute for Meditation and Psychotherapy (IMP), Association for Applied Psychophysiology and Biofeedback (AAPB), and Biofeedback Certification International Alliance (BCIA), where she is currently chair elect. Dr. Khazan is the author of numerous journal articles and 2 books: Clinical Handbook of Biofeedback: A Step-by-Step Guide to Training and Practice with Mindfulness and Biofeedback and Mindfulness in Everyday Life: practical solutions for improving your health and performance.
### 90-MINUTE BREAKOUT SESSIONS - SYMPOSIA

<table>
<thead>
<tr>
<th>Session Code</th>
<th>Title</th>
<th>Presented by</th>
<th>CEs</th>
<th>TRACK</th>
<th>LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOS01</td>
<td>Photobiomodulation as Adjunct Intervention for Neurofeedback</td>
<td>Lew Lim, PhD, DNM, MBA</td>
<td>1.5</td>
<td>Hot Topics</td>
<td>Intermediate</td>
</tr>
<tr>
<td>BOS03</td>
<td>Effects of Heart Rate Variability Biofeedback on the Brain</td>
<td>Paul Lehrer, PhD, Richard Gevirtz, PhD, Mara Mather, PhD</td>
<td>1.5</td>
<td>Clinical Interventions and Optimal Performance</td>
<td>Intermediate</td>
</tr>
<tr>
<td>ORAL01</td>
<td>Oral Presentations Session 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**10:30am - 12:00pm**

- **LUNCH ON YOUR OWN**
- **Lunch and Learn:** Biofeedback and Neuromodulation-modalities: A Personalized Approach, Applicable to a Culturally Diverse Population

**Presented by Genomary Krigbaum-Pérez, PsyD, BCB, DAAETS, FAAPB, LP**

Personalized approaches to healthcare delivery have been highlighted in the clinical and research literature. Starting in biomedicine, with personalized medicine, and evolving into a multi-factor framework that includes, genetics, brain structure/function, cognition, psychological and personal factors. Customizing protocols in healthcare delivery take into account that psychophysiological, cultural variability exists among a diverse population of individuals, which plays a clinically significant factor in their care and recovery. In clinical work, a personalized approach, not only positively influences the prescriptive nature of the (health) intervention, but also its course and efficacy. Biofeedback and neuromodulation-modalities lend themselves to a personalized approach aligned with P4 medicine tenets; keying on customized protocols targeting individuals’ (markers) baseline functioning towards their optimal zone of functioning. To deliver personalized, customized protocols, is important to be informed on the science, modality, ethics and clinical best practices involved. Representative deidentified case samples and protocols will be presented.

**12:30pm - 1:00pm**

- **Afternoon Meditation**

---

- 12 -
**FRIDAY, MARCH 25, 2022**

1:35pm – 2:35pm  

--- **60-MINUTE BREAKOUT SESSIONS - SYMPOSIA**---

| BOS04 | Threat, Recovery & Flow: Adjusting Your HRV Set-point for Adaptation  
Presented by: JP (Jack) Ginsberg, PhD; Raouf Gharbo, DO  
CEs: 1  
TRACK: Clinical Interventions and Optimal Performance  
LEVEL: Introductory |
|---|---|
| BOS06 | Alpha the Brain Barometer - The Role of Alpha in Determining Brain Health: Emergent Models & Markers of Brain Deregulation, Disorganization, Standard and Optimal Function  
Presented by: Mari Swingle, PhD  
CEs: 1  
TRACK: Hot Topics  
LEVEL: Intermediate |
| BOS07 | Bringing Results Home: Using Portable Neurofeedback and Virtual Reality Devices to Improve Patient Treatment Adherence  
Presented by: Robert Reiner, PhD, BCB, BCN; Heather Davidson, PhD, BCN; Scott Lloyd, PhD, BCB, BCN  
CEs: 1  
TRACK: Hot Topics  
LEVEL: Intermediate |

2:45pm – 4:15pm  

--- **90-MINUTE BREAKOUT SESSIONS - SYMPOSIA**---

| BOS09 | Autism: New Directions in QEEG Subtypes and Neurofeedback for Autistic Spectrum Disorder  
Presented by: Michael Linden, PhD; Estate (Tato) Sokhadze, PhD; David Cantor, PhD  
CEs: 1.5  
TRACK: Hot Topics  
LEVEL: Intermediate |
|---|---|
| BOS10 | Integrating Bio- and Neurofeedback in Psychedelic Assisted Therapies  
Presented by: Jeff Tarrant, PhD, BCB; Heather Hargraves, MA., C.Psych.Assoc. (SP), NMI-3  
CEs: 4  
TRACK: Basic Science  
LEVEL: Intermediate |
| BOS30 | Bridging Physiology, Science and Daily Life when Providing Stress Management Services  
Presented by: Harry van der Lei, PhD; Wesley Sime, PhD, MPH  
CEs: 1.5  
TRACK: Clinical Interventions and Optimal Performance  
LEVEL: Intermediate |
FRIDAY, MARCH 25, 2022

4:30pm – 5:30pm  60-MINUTE BREAKOUT SESSIONS - SYMPOSIA

<table>
<thead>
<tr>
<th>BOS12</th>
<th>What's All the Noise About? Aperiodic Noise in the Brain and Its Colors of Pink, White and Brown</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Presented by:</strong> Tiff Thompson, PhD, R.EEG.T, BCN, QEEG-D, MFT</td>
<td></td>
</tr>
<tr>
<td><strong>CES:</strong> 1</td>
<td></td>
</tr>
<tr>
<td><strong>TRACK:</strong> Hot Topics</td>
<td></td>
</tr>
<tr>
<td><strong>LEVEL:</strong> Advanced</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BOS13</th>
<th>What Our QEEG May Be Missing in Children’s Brains: Ethical Considerations for Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Presented by:</strong> Ronald Swatzyna, PhD; Robert “Rusty” Turner, MD</td>
<td></td>
</tr>
<tr>
<td><strong>CES:</strong> 1</td>
<td></td>
</tr>
<tr>
<td><strong>TRACK:</strong> Hot Topics</td>
<td></td>
</tr>
<tr>
<td><strong>LEVEL:</strong> Intermediate</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ORAL04</th>
<th>Oral Presentations Session 4: Neurofeedback Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td>The following 30-minute abstract presentations will be featured:</td>
<td></td>
</tr>
<tr>
<td>Differentiating Neurofeedback Paradigms: The Time has Come; Taking Neurofeedback Research to the Next Level: Lessons from Literature and Research</td>
<td></td>
</tr>
</tbody>
</table>

6:00pm – 7:15pm  KEY02: Keynote Address/Distinguished Scientist Lecture:

**The Integration of Lifestyle Change, Self-Care, and Professional Treatment Interventions for Chronic Conditions: The Pathways Model**

**Presented by Donald Moss, PhD, BCB, BCN, BCB-HRV**

Donald Moss, PhD, BCB, is Dean, College of Integrative Medicine and Health Sciences, at Saybrook University, Oakland, CA. There he has built training programs in biofeedback, clinical hypnosis, integrative mental health, wellness coaching, and integrative/functional nutrition. Dr. Moss is currently President of the Society for Clinical and Experimental Hypnosis. He is also the ethics chair and international certification chair for the Biofeedback Certification International Alliance. He has served as president of Division 30 (hypnosis) of the American Psychological Association, and president of the Association for Applied Psychophysiology and Biofeedback (AAPB). He is also a member of the International, Interdisciplinary, and Interreligious Research Group on ‘Consciousness Studies,’ at the Pontifical Academy, “Athenaeum Regina Apostolorum,” Rome, Italy. He has a book to be released in July 2018 with co-author Angele McGrady on Integrative Pathways: Navigating Chronic Illness with a Mind-Body-Spirit Approach (Springer). He also has a book in preparation with co-editor Inna Khazan on Mindfulness, Compassion, and Biofeedback Practice (AAPB) and a book in preparation with co-editor Fredric Shaffer on Physiological Recording Technology and Applications in Biofeedback and Neurofeedback (AAPB). Moss is co-editor of Foundations of Heart Rate Variability Biofeedback (AAPB, 2016), co-author of Pathways to Illness, Pathways to Health (Springer, 2013), and chief editor of Handbook of Mind-Body Medicine for Primary Care (Sage, 2003) and Humanistic and Transpersonal Psychology (Greenwood, 1998).
FRIDAY, MARCH 25, 2022

7:15pm – 10:00pm  Presidential Reception in Exhibit Hall
Heavy hors d’oeuvres, cash bar and networking!

SATURDAY, MARCH 26, 2022

8:00am – 8:45am  Morning Meditation
8:00am – 6:00pm  Registration
8:00am - 9:00am  General Attendee CONTINENTAL Breakfast
7:00am - 1:00pm  EXHIBITS OPEN
9:00am – 7:00 pm  AAPP SYNERGY LOUNGE
Featuring prominent experts and AAPP-endorsed authors for open discussion, experience sharing and informal networking - and opportunity to reconnect and engage for non-CE learning. The Lounge is designed with virtual capabilities to ensure connectivity between those present at the meeting and those who can join us virtually.

9:00am - 10:00am  *** 60-MINUTE BREAKOUT SESSIONS- SYMPOSIA***

<table>
<thead>
<tr>
<th>BOS14 Teaching Breathing Biofeedback</th>
<th>BOS16 Agonism and Antagonism Among the Shoulder Muscles: An SEMG Approach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presented by: Taylor Capozziello, PhD, BCB, BCN, CMT</td>
<td>Presented by: Gabriel Sella, MD</td>
</tr>
<tr>
<td>CEs: 1</td>
<td>CEs: 1</td>
</tr>
<tr>
<td>TRACK: Basic Science</td>
<td>TRACK: Clinical Interventions and Optimal Performance</td>
</tr>
<tr>
<td>LEVEL: Introductory</td>
<td>LEVEL: Intermediate</td>
</tr>
</tbody>
</table>

10:30am - 12:00pm  *** 90-MINUTE BREAKOUT SESSIONS - SYMPOSIA***

<table>
<thead>
<tr>
<th>BOS18 The Use and Misuse of Montages in EEG Analysis</th>
<th>BOS19 Pain and Heart Rate Variability Biofeedback from Three Perspectives</th>
<th>BOS20 Ethical Principles and Practice Standards in Biofeedback and Neurofeedback</th>
<th>BOS35 Infraslow Neurofeedback for Affective Disorders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presented by: Tiff Thompson, PhD, R.EEG. T., BCN, QEEG-D, MFT</td>
<td>Presented by: Brad Lichtenstein, ND, BCB; David Hopper, DC, OMT; Inna Khazan, PhD, BCB, BCB-HRV</td>
<td>Presented by: Donald Moss, PhD, BCB, BCN, BCB-HRV</td>
<td>Presented by: Tyson Perez, DC; Mark Smith, LCSW BCN QEEGD</td>
</tr>
<tr>
<td>CE: 1.5</td>
<td>CE: 1.5</td>
<td>CE: 1.5</td>
<td>CE: 1.5</td>
</tr>
<tr>
<td>TRACK: Basic Science</td>
<td>TRACK: Clinical Interventions and Optimal Performance</td>
<td>TRACK: Clinical Interventions and Optimal Performance</td>
<td>TRACK: Hot Topics</td>
</tr>
<tr>
<td>LEVEL: Introductory</td>
<td>LEVEL: Intermediate</td>
<td>LEVEL: Introductory</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SATURDAY, MARCH 26, 2022

12:00pm - 1:30pm  **LUNCH ON YOUR OWN**

12:15pm – 1:15 pm  **Lunch and Learn:** *Neurofeedback: How Your Mind Can Change Your Brain OR Excitation and inhibition in the Mammalian Central Nervous System as it Relates to Neurofeedback*

*Presented by Maurice (Barry) Sterman, PhD*

The primary voluntary functions of the brain can be summarized as attention, movement, and problem solving. Using a new approach to the functional tracking of these functions with the quantitative EEG we can now identify functional states and their interactions simply and efficiently. The basic evidential data supporting this conclusion will be reviewed.

12:30pm-1:00pm  **Afternoon Meditation**

1:35pm – 2:35 pm  ***60-MINUTE BREAKOUT SESSIONS - SYMPOSIA***

<table>
<thead>
<tr>
<th>BOS25 Successfully Integrating Applied Psychophysiology Procedures into a Medical Care Environment</th>
<th>ORAL05 Oral Presentations Session 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Presented by:</strong> David Arroyo, Psic. Npf, BCB</td>
<td>The following 15-minute and/or 30-minute abstract presentations will be featured</td>
</tr>
<tr>
<td><strong>CEs:</strong> 1</td>
<td>Effect of Nature-based Physical Activity on Post-traumatic Growth among Healthcare Providers with Post-traumatic Stress; Heart Rate Variability Biofeedback with Mindfulness for Military Posttraumatic Stress Disorder: A Pilot Study</td>
</tr>
<tr>
<td><strong>TRACK:</strong> Clinical Interventions and Optimal Performance</td>
<td><strong>LEVEL:</strong> Intermediate</td>
</tr>
</tbody>
</table>

2:45pm – 4:15  ***90-MINUTE BREAKOUT SESSIONS - SYMPOSIA***

<table>
<thead>
<tr>
<th>BOS27 Using Heart Rate Variability to Structure Client Interactions</th>
<th>BOS29 Applications in Chronic Pain Management</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Presented by:</strong> Matthew Bennett, MBA; Inna Khazan, PhD, BCB, BCB-HRV</td>
<td><strong>Presented by:</strong> Peter Behel, MA; JP (Jack) Ginsberg, PhD; Christopher Gilbert, PhD</td>
</tr>
<tr>
<td><strong>CEs:</strong> 1.5</td>
<td><strong>CEs:</strong> 1.5</td>
</tr>
<tr>
<td><strong>TRACK:</strong> Clinical Interventions and Optimal Performance</td>
<td><strong>TRACK:</strong> Clinical Interventions and Optimal Performance</td>
</tr>
<tr>
<td><strong>LEVEL:</strong> Introductory</td>
<td><strong>LEVEL:</strong> Intermediate</td>
</tr>
</tbody>
</table>
BOS32 The Challenge of Habit: Making Meaningful Changes in a Quest to Improve Brain Health  
**Presented by:** Anne Ward Stevens, PhD  
**CEs:** 1  
**TRACK:** Clinical Interventions and Optimal Performance  
**LEVEL:** Introductory

BOS33 An Integrative Psychophysiological Approach to Balance the Gut-Brain Axis  
**Presented by:** Ashlie Bell, PhD, LCSW, BCN  
**CEs:** 1  
**TRACK:** Hot Topics  
**LEVEL:** Introductory

6:00pm – 7:15pm  
**KEY03:** Biofeedback in Association with Human Health in the Next 20 Years: Revisited  
**Presented by:** Ron Swatzyna, PhD

The current state of mental health treatment may have come full circle. “Big Pharma” has used the Diagnostic and Statistical Manual (DSM) for over 50 years as a diagnostic reference. However, the use of neurochemistry to reregulate brain function has had limited success, at best. When it does work, ongoing positive results require an individual to maintain a consistent regime of the prescribed medication. Permanent change does not occur. Biofeedback is based on returning the cortex (neurofeedback) and subcortex (biofeedback) to homeostasis. This concept has long struggled to achieve recognition from the medical field. Now that the National Institute of Mental Health has stated that the DSM is not a valid instrument and will no longer fund research based on its categorization, we have an opportunity to meld science with psychiatry and psychology. The advancement of new technologies has enabled us to develop working relationships with psychiatrists and neurologists. Effective and sustainable improvement over the next 20 years depends on our disciplined attention to the scientific method and how we accurately and professionally represent our field. We must claim ONLY what the current research can show, work within a framework that traditional medicine can relate to, and mentor and teach the next generation of providers.

Ronald J. Swatzyna, PhD received his Masters of Science and Doctorate of Philosophy in Social Work from The University of Texas Arlington. Currently, he is the Director/Chief Scientist of Neuropsychology Research at Houston Neuroscience Brain Center and Founder of Clinical NeuroAnalytics, LLC. Dr. Swatzyna is a licensed clinical social worker, and board certified in neurofeedback and biofeedback by the Biofeedback Certification International Alliance (BCIA). For the past 23 years, Dr. Swatzyna has analyzed and treated the most diagnostically challenging and 15 years ago he started using electroencephalography (EEG) and quantitative EEG (qEEG) data to assist psychiatrists in medication selection and titration. Dr. Swatzyna has retired City of Arlington, Texas professional Firefighter-EMT-I and a veteran of Vietnam and the first Gulf War. Finally, his personal battle with a traumatic brain injury and posttraumatic stress disorder has motivated him to become a leading expert in brain dysfunction.

7:15pm – 10:30 pm  
**SATURDAY NIGHT AAPB “CONNECTIONS” CLOSING RECEPTION**
MEETING LOCATION

Hotel Information/Reservations: Omni Mandalay Hotel at Las Colinas

Special rates of $189 single/double (plus tax) per night have been arranged for the conference. In room wifi is included in the room rate. The special room rate will be available until February 25, 2022 or until the group block is sold-out, whichever comes first. Please call the hotel directly at 1-800-THE-OMNI (800-843-6664) OR (972) 556-0800 and reference “AAPB” to make your reservation. Be sure to request the discounted rate for the AAPB Annual Meeting. Reservation requests received after the deadline date will be based on availability at the Hotel's prevailing rates.

PLEASE NOTE: Beware of 3rd Party Hotel Scams Offering to Book Your Room! Only book your hotel reservations through the AAPB website reservation link or by calling the hotel directly, listed above. AAPB and/or Hyatt staff will never contact attendees and/or exhibitors, via phone or e-mail, offering to book your room, offering a reduced rate or to inform you the block is selling out. Do not give your CC or payment information to anyone who calls/emails offering assistance with your reservation.

Airport Information

The closest major airport is Dallas Forth Worth (DFW) which is about 15 minutes from the hotel. The second closest airport is Dallas Love Field (DAL) which is only 20 minutes from the hotel. Visit aapb.org for driving directions, Hotel parking and Ground transportation information.
GENERAL INFORMATION

Overall Conference Objectives:
- Discuss new psychophysiology and biofeedback methods to evoke human potential and achieve results in a clinical setting.
- Determine psychophysiology and biofeedback techniques to improve patients’ quality of life.

Americans with Disabilities Act (ADA) Statement: ADA accommodations will be made in accordance with the law. If you require ADA accommodations, please indicate what your needs are at the time of registration. We cannot ensure the availability of appropriate accommodations without prior notification.

Product Guidelines: 1) Some of the products exhibited here may not be effective for the suggested applications. 2) Some of the equipment being exhibited may not have been registered by the FDA. 3) An FDA declaration of safe and effective use may not apply to uses being promoted here. Please check with each vendor to ascertain FDA status of any device you are considering. 4) AAPB makes no endorsement, either stated or implied regarding the products.

Special AAPB Section Meetings: AAPB currently has seven Special Interest Sections. Members elect to join these groups when they pay their annual dues. At the Annual Meeting, each group has an opportunity to meet and collaborate. These meetings can include a special lecture or presentation, panel discussions or a social hour. All AAPB members are invited and encouraged to attend section/division meetings. To join a section or division, contact AAPB at info@aapb.org.

Tickets Required: Admission to pre-conference workshops is by ticket only. Tickets may be purchased during the registration process or at on-site registration. Tickets purchased onsite will be strictly on a space-available basis.

EXHIBIT HALL AND REGISTRATION HOURS

<table>
<thead>
<tr>
<th>Exhibit Hours</th>
<th>Registration Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thursday, March 24</strong></td>
<td></td>
</tr>
<tr>
<td>Exhibitor Set-up</td>
<td>Tuesday, March 22</td>
</tr>
<tr>
<td>9:00am – 12:00pm</td>
<td>5:00pm to 7:00pm</td>
</tr>
<tr>
<td>Exhibit Hall Open</td>
<td>Wednesday, March 23</td>
</tr>
<tr>
<td>2:00pm – 6:30pm</td>
<td>8:00am to 6:00pm</td>
</tr>
<tr>
<td>Opening Reception in Exhibit Hall</td>
<td>Thursday, March 24</td>
</tr>
<tr>
<td>7:00pm – 9:00pm</td>
<td></td>
</tr>
<tr>
<td><strong>Friday, March 25</strong></td>
<td></td>
</tr>
<tr>
<td>Opening Reception in Exhibit Hall</td>
<td>8:00am to 7:00pm</td>
</tr>
<tr>
<td>7:00pm – 9:00pm</td>
<td>8:00am to 6:00pm</td>
</tr>
<tr>
<td>President Reception</td>
<td>Saturday, March 26</td>
</tr>
<tr>
<td>7:00pm – 9:00pm</td>
<td>8:00am to 6:00pm</td>
</tr>
<tr>
<td><strong>Saturday, March 26</strong></td>
<td></td>
</tr>
<tr>
<td>Exhibits Viewing</td>
<td></td>
</tr>
<tr>
<td>7:00am to 1:00pm</td>
<td></td>
</tr>
<tr>
<td>Exhibitor Teardown</td>
<td></td>
</tr>
<tr>
<td>1:00pm to 4:00pm</td>
<td></td>
</tr>
<tr>
<td>Closing Reception</td>
<td></td>
</tr>
<tr>
<td>7:15pm to 10:30pm</td>
<td></td>
</tr>
</tbody>
</table>

ABOUT AAPB

The Association for Applied Psychophysiology and Biofeedback (AAPB) was founded in 1969 as the Biofeedback Research Society. The goals of the association are to promote a new understanding of
Biofeedback and advance the methods used in this practice. AAPB is a non-profit organization as defined in Section 501(c)(6) of the Internal Revenue Service Code.

It is the mission of AAPB to promote and represent the science and practice of self-regulation to enhance health and performance. It is the association's vision to integrate self-regulation into everyday life. The Association is hard at work meeting these objectives:

- Encouragement of scientific research and expansion of clinical and educational applications of biofeedback and applied psychophysiology.
- Integration of biofeedback with other self-regulatory methods.
- Promoting high standards of professional practice, ethics, and education.
- Increasing member knowledge through events, publications, educational programs, and special interest sections and divisions.
- Making the public aware of biofeedback.
### REGISTRATION INFORMATION

Name: ___________________________________________ Credentials: ____________________________

Organization: ___________________________________________ License #: ___________________________

Mailing Address: ___________________________________________ City: ______________ State: ________ Zip: ______________

City: ___________________ State: __________ Zip: __________ Phone: ___________________________

Email: ___________________________________________ Fax: ___________________________

Emergency Contact Name and Phone: ___________________________

Vegetarian Meals? ☐ Yes ☐ No Special Assistance Required? ___________________________________________

First-time attendee? ☐ Yes ☐ No Are you BCIA Certified? ☐ Yes ☐ No — If yes, please indicate for which: ☐ BF ☐ NF ☐ PMDB ☐ HRV

New Member Since March 2021? ☐ Yes ☐ No For continuing education purposes, please check all that apply: ☐ Psychologist ☐ Physician

### FEE SCHEDULE

<table>
<thead>
<tr>
<th>FULL REGISTRATION</th>
<th>By 2/15/22</th>
<th>After 2/15/22</th>
<th>FULL REGISTRATION</th>
<th>By 2/15/22</th>
<th>After 2/15/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAPB Member</td>
<td>☐ $465</td>
<td>☐ $20</td>
<td>*Long-Term Member</td>
<td>☐ $375</td>
<td>☐ $290</td>
</tr>
<tr>
<td>ISNR/ISMA/IABMCP Member</td>
<td>☐ $495</td>
<td>☐ $545</td>
<td>**VA Member</td>
<td>☐ $265</td>
<td>☐ $290</td>
</tr>
<tr>
<td>Non-member</td>
<td>☐ $585</td>
<td>☐ $685</td>
<td>International Member</td>
<td>☐ $490</td>
<td>☐ $490</td>
</tr>
<tr>
<td>Full-time Student (enclose copy of Student ID)</td>
<td>☐ $100</td>
<td>☐ $110</td>
<td>International Non-Member</td>
<td>☐ $490</td>
<td>☐ $590</td>
</tr>
<tr>
<td>AAPB Past President</td>
<td>☐ $100</td>
<td>☐ $110</td>
<td>International Non-Member</td>
<td>☐ $490</td>
<td>☐ $590</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ONE-DAY REGISTRATION</th>
<th>By 2/15/22</th>
<th>After 2/15/22</th>
<th>ONE-DAY REGISTRATION</th>
<th>By 2/15/22</th>
<th>After 2/15/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member: Friday, March 25, 2022</td>
<td>☐ $245</td>
<td>☐ $299</td>
<td>Member: Saturday, March 26, 2022</td>
<td>☐ $245</td>
<td>☐ $299</td>
</tr>
<tr>
<td>Non Member: Friday, March 25, 2022</td>
<td>☐ $275</td>
<td>☐ $375</td>
<td>Non Member: Saturday, March 26, 2022</td>
<td>☐ $275</td>
<td>☐ $375</td>
</tr>
</tbody>
</table>

Registration Fee: $__________
REGISTRATION FEE TOTAL: $__________

### WORKSHOPS... PLEASE NOTE: Additional fees required. Workshops indicated on pages 6-8

<table>
<thead>
<tr>
<th>WORKSHOP</th>
<th>DATE</th>
<th>TIME</th>
<th>SPEAKER</th>
<th>LOCATION</th>
<th>PARTICIPATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS01</td>
<td>Weds</td>
<td>9am - 6:30 pm</td>
<td>BCIA Heart Rate Variability Biofeedback Certificate of Completion Workshop - Part 1</td>
<td>☐ $265/$285</td>
<td>☐ $315/$335</td>
</tr>
<tr>
<td>WS02</td>
<td>Weds</td>
<td>9am - 6 pm</td>
<td>Neurofield Advanced Course - Part 1</td>
<td>☐ $265/$285</td>
<td>☐ $315/$335</td>
</tr>
<tr>
<td>WS03</td>
<td>Weds</td>
<td>9am - 6 pm</td>
<td>General Introduction to Biofeedback Peripherals</td>
<td>☐ $265/$285</td>
<td>☐ $315/$335</td>
</tr>
<tr>
<td>Workshop ID</td>
<td>Time</td>
<td>Title</td>
<td>Instructor(s)</td>
<td>Early Bird (2/15/2022)</td>
<td>Member (2/15/2022)</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>-------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>WS05</td>
<td>9 am – 6 pm</td>
<td>Brain Connectivity Assessment and Treatment</td>
<td>Infraslow (ISF) Bipolar Workshop - Part 1</td>
<td>$265/$285</td>
<td>$315/$335</td>
</tr>
<tr>
<td>WS15</td>
<td>8 am – 12 pm</td>
<td>BCIA Biofeedback Certification Exam Review</td>
<td>Bipolar Workshop - Part 2</td>
<td>$145/$165</td>
<td>$185/$215</td>
</tr>
<tr>
<td>WS18</td>
<td>2 pm – 4 pm</td>
<td>Develop, Recover, Advance: A Workshop Connecting the Science and</td>
<td>Bipolar Workshop - Part 2</td>
<td>$145/$165</td>
<td>$185/$215</td>
</tr>
<tr>
<td>WS19</td>
<td>2 pm – 6 pm</td>
<td>Bringing Results Home: Using Portable Neurofeedback and Virtual Reality Devices to</td>
<td>Bipolar Workshop - Part 2</td>
<td>$145/$165</td>
<td>$185/$215</td>
</tr>
</tbody>
</table>
Thursday, March 24, 2022
- REC01 Opening Reception
- KEY01 Strength in Numbers: HRV, Compassion, Connection by Inna Khazan: Keynote Address
- BOS01 Photobiomodulation as Adjunct Intervention for Neurofeedback
- BOS03 Effects of Heart Rate Variability Biofeedback on the Brain
- ORAL01 Oral Presentations Session 1
- LL01 LUNCH AND LEARN SESSION: Biofeedback and Neurofeedback Modalities: A Personalized Approach, Applicable to a Culturally Diverse Population
- BOS04 Threat, Recovery & Flow: Adjusting Your HRV Set-point for Adaptation
- BOS06 Alpha the Brain Barometer - The Role of Alpha in Determining Brain Health: Emergent Models & Markers of Brain Deregulation, Disorganization, Standard and Optimal Function
- BOS07 Bringing Results Home: Using Portable Neurofeedback and Virtual Reality Devices to Improve Patient Treatment Adherence
- BOS09 Autism: New Directions in QEEG Subtypes and Neurofeedback for Autistic Spectrum Disorder
- BOS10 Integrating Bio- and Neurofeedback in Psychodelic Assisted Therapies
- BOS30 Bridging Physiology, Science and Daily Life when Providing Stress Management Services
- BOS12: What’s All the Noise About? Aperiodic Noise in the Brain and Its Colors of Pink, White and Brown
- BOS13 What Our QEEG May be Missing in Children’s Brains: Ethical Considerations for Practice
- ORAL04 Oral Presentations Session 4: Neurofeedback Focus
- KEY02 Distinguished Scientist Lecture: The Integration of Lifestyle Change, Self-Care, and Professional Treatment Interventions for Chronic Conditions: The Pathways Model By Donal Moss
- REC02 President and Poster Reception

Friday, March 25, 2022
- KEY01 Strength in Numbers: HRV, Compassion, Connection by Inna Khazan: Keynote Address
- BOS01 Photobiomodulation as Adjunct Intervention for Neurofeedback
- BOS03 Effects of Heart Rate Variability Biofeedback on the Brain
- ORAL01 Oral Presentations Session 1
- LL01 LUNCH AND LEARN SESSION: Biofeedback and Neurofeedback Modalities: A Personalized Approach, Applicable to a Culturally Diverse Population
- BOS04 Threat, Recovery & Flow: Adjusting Your HRV Set-point for Adaptation
- BOS06 Alpha the Brain Barometer - The Role of Alpha in Determining Brain Health: Emergent Models & Markers of Brain Deregulation, Disorganization, Standard and Optimal Function
- BOS07 Bringing Results Home: Using Portable Neurofeedback and Virtual Reality Devices to Improve Patient Treatment Adherence
- BOS09 Autism: New Directions in QEEG Subtypes and Neurofeedback for Autistic Spectrum Disorder
- BOS10 Integrating Bio- and Neurofeedback in Psychodelic Assisted Therapies
- BOS30 Bridging Physiology, Science and Daily Life when Providing Stress Management Services
- BOS12: What’s All the Noise About? Aperiodic Noise in the Brain and Its Colors of Pink, White and Brown
- BOS13 What Our QEEG May be Missing in Children’s Brains: Ethical Considerations for Practice
- ORAL04 Oral Presentations Session 4: Neurofeedback Focus
- KEY02 Distinguished Scientist Lecture: The Integration of Lifestyle Change, Self-Care, and Professional Treatment Interventions for Chronic Conditions: The Pathways Model By Donal Moss
- REC02 President and Poster Reception

Saturday, March 26, 2022
- KEY01 Strength in Numbers: HRV, Compassion, Connection by Inna Khazan: Keynote Address
- BOS01 Photobiomodulation as Adjunct Intervention for Neurofeedback
- BOS03 Effects of Heart Rate Variability Biofeedback on the Brain
- ORAL01 Oral Presentations Session 1
- LL01 LUNCH AND LEARN SESSION: Biofeedback and Neurofeedback Modalities: A Personalized Approach, Applicable to a Culturally Diverse Population
- BOS04 Threat, Recovery & Flow: Adjusting Your HRV Set-point for Adaptation
- BOS06 Alpha the Brain Barometer - The Role of Alpha in Determining Brain Health: Emergent Models & Markers of Brain Deregulation, Disorganization, Standard and Optimal Function
- BOS07 Bringing Results Home: Using Portable Neurofeedback and Virtual Reality Devices to Improve Patient Treatment Adherence
- BOS09 Autism: New Directions in QEEG Subtypes and Neurofeedback for Autistic Spectrum Disorder
- BOS10 Integrating Bio- and Neurofeedback in Psychodelic Assisted Therapies
- BOS30 Bridging Physiology, Science and Daily Life when Providing Stress Management Services
- BOS12: What’s All the Noise About? Aperiodic Noise in the Brain and Its Colors of Pink, White and Brown
- BOS13 What Our QEEG May be Missing in Children’s Brains: Ethical Considerations for Practice
- ORAL04 Oral Presentations Session 4: Neurofeedback Focus
- KEY02 Distinguished Scientist Lecture: The Integration of Lifestyle Change, Self-Care, and Professional Treatment Interventions for Chronic Conditions: The Pathways Model By Donal Moss
- REC02 President and Poster Reception

**METHOD OF PAYMENT**

**TOTAL DUE: $________ AMOUNT TO BE CHARGED: $________**

☐ Check/Money Order

If paying by credit card, please login to your member profile and pay online. All credit cards are accepted. Should you have issues, please contact info@aapb.org or call (800) 477-8892.

**CANCELLATION POLICY:** Cancellations received in the AAPB office by March 5, 2022 will be refunded minus a $50 processing fee. NO REFUNDS WILL BE GRANTED AFTER MARCH 5, 2022. Cancellations must be made in writing and emailed to info@aapb.org. Fees cannot be refunded for registrations cancelled after the conference begins.

**PLEASE NOTE:**
- Join AAPB now and use the member-rate registration fees!
- Full-time students see www.aapb.org for workshop discount information.
- Special Services: If you have a disability which may require special accommodations to fully participate in the AAPB Annual Meeting, please contact AAPB headquarters at info@aapb.org.

**Questions?** info@aapb.org
- Phone: 800.477.8892
- Fax: 720.881.6102
- Email: info@aapb.org

**AAPB**
- PO Box 723246
- Atlanta, GA 31139

**www.aapb.org**