

Message from the Chairs

Dear Friends:

The 2010 Program and Education Committees are pleased to introduce AAPB's 41st Annual Meeting in San Diego, California at the Town & Country Resort.

The theme of this year's meeting is "**Personalized Medicine in the Age of Technology: Psychophysiology and Health.**" We are excited to offer new pre-conference workshops with innovative topics. There really is something for everyone, so plan to attend several sessions.

We are honored to welcome several high-profile speakers, including:

- **Vilayanur S. Ramachandran, MD, PhD:** Personalized medicine in the age of technology
- **Tores Theorell, PhD:** Keeping employees healthy by improving managers' psychosocial competency: the endocrine effects
- **C. Norman Shealy, MD, PhD:** An overview of mind body healing
- **Paul Rapp, PhD:** Neurotherapy in the treatment of traumatic brain Injury: Physiological hypothesis
- **Ute Strehl, PhD:** A meta analysis and more on neurofeedback and ADD/ADHD
- **Nicolas Giardino, PhD:** Efficacy, mechanisms, and applications in COPD
- **David Keyser, PhD:** Pediatric TBI and neurofeedback
- **Forest Tennant, MD:** The simultaneous use of opioid and bioelectric treatments in pain management
- **Jay Gunkleman, QEEG:** Healer-healee psychophysiology

- **David Siever, PhD:** A state of the arts review on selected electrical stimulation devices (AVS, CES, tDCS)
- **Louis Cozolino, PhD:** Neuroscience of human relationships

We have lined up several symposia covering a wide array of topics including new directions in autistic spectrum disorders, updates on PTSD treatment, the polytrauma clinical triad, virtual reality applications, frontiers in gaming, portable devices to improve access to care, phenotypes model updates, applied psychophysiology in the work place, psychotherapy and psychophysiology, and releasing the strangle hold of pain and distress in child and adult trauma.

We have also added a "**Clinical Updates Series**" to provide short overviews and current happenings in areas such as psychopharmacology, sleep, addiction, neurophysiology of pain, sports psychology, z-score training, brain anatomy and physiology, headaches, and more. Drop into a session to update your clinical skills and knowledge in a selected topic of interest!

Last but not least, **Dr. Ed Taub** has agreed to organize an exciting and stimulating centennial celebration to honor **Neal Miller's** contributions to our field. More details to follow. Don't miss it!

We look forward to seeing you in San Diego and hope that you will mark your calendars for the Annual Meeting!

*Gabriel Tan, PhD, ABPP, BCIA-C, BCIA-EEG
Chair, 2010 Annual Meeting Program Committee*
*Sharon Langvardt, MS, LCIMFT
Chair, 2010 Education Committee*

Pre-Conference Workshops Wednesday, March 24

8:00am – 5:00pm

WS01 Biofeedback Equipment Workshop – Practical Skills

Harry Campbell, BPS

8:00am – 5:00pm

WS02 Connectivity & Z Score Training: The Past, the Present, & the Future

Mark Smith, MSW

8:00am – 5:00pm

WS03 Spirituality, Biofeedback and the Arts for Health

Jan Newman, MA, MD, FACS

8:00am – 12:00pm

WS04 A Primer on the Electrical Aspects of SEMG

Jeffrey Bolek, PhD

8:00am – 12:00pm

WS05 Mind-Body Performance Training in Olympic Hopeful Athletes – An Experiential Workshop

Heather Dermeyer, PhD

8:00am – 12:00pm

WS06 Creative Aftercare Programs for Children/Young People Suffering from Chronic Pain

Elizabeth Stroebel, PhD, Susan E. Antelis, MPS, BCIA-C, EEG-C, LMHC

1:00pm – 5:00pm

WS07 HeartMath Heart Coherence Training Workshop

Rollin McCraty, PhD

1:00pm – 5:00pm

WS08 Biofeedback in the Digital Age

Jeffrey Bolek, PhD, Marc Saab, M.Eng

1:00pm – 5:00pm

WS09 Integration of EEG, DC/SCP, and Peripheral Measures in Biofeedback

Thomas Collura, PhD

Thursday, March 25

8:00am – 5:00pm

WS10 Biofeedback and Neurofeedback Applications in Sport Psychology

Michael Linden, PhD, Ben Strack, PhD, Wes Sime, PhD

8:00am – 5:00pm

WS11 Biofeedback Training to Increase Heart Rate Variability: A New Method for Treating Various Autonomic, Emotional, Respiratory, and Cardiovascular Disorders

Richard Gevirtz, PhD, Paul Lehrer, PhD

8:00am – 12:00pm

WS12 Respiratory Training and HRV Biofeedback for Anxiety Disorders and Functional Medical Disorders

Donald Moss, PhD, Fredric Shaffer, PhD

8:00am – 12:00pm

WS13 The Science of Symptoms

Peter Madill, MD

8:00am – 12:00pm

WS14 Breaking the Link Between the Military's Suicide Rate and Coexisting PTSD and TBI

Ronald Swatzyna, PhD

8:00am – 12:00pm

WS15 QEEG and Symptom Guided NeuroRehabilitation Programs

Victoria Ibric, MD, PhD

1:00pm – 5:00pm

WS16 Pathways to Illness, Pathways to Health

Donald Moss, PhD, Angele McGrady, PhD, MEd, LPCC

1:00pm – 5:00pm

WS17 The Arterio-Venous Wave – The Changing Landscape of Heart Rate Variability Biofeedback

Stephen Elliott, Dee Edmonson, RN, BCIA-C-EEG

1:00pm – 5:00pm

WS18 The Psychophysiology of Post Traumatic Stress Disorder: Mind-Body Treatment Strategies

Terri Zucker, PhD

1:00pm – 5:00pm

WS19 The Art and Science of Meditation and Yogic Breathing

Lawrence Edwards, PhD

Schedule of Events

Thursday, March 25 cont'd

5:30pm – 6:30pm

General Session

Personalized Medicine in the Age of Technology

Vilayanur S. Ramachandran, MD, PhD

6:30pm – 8:00pm

Opening Reception

7:00pm – 9:00pm

Stress Management Section Meeting

Keeping Employees Healthy by Improving Managers' Psychosocial Competency: Endocrine Effects

Tores Theorell, MD, PhD

7:30pm – 8:30pm

Student Pizza Party

8:00pm – 9:00pm

Mind/Body Medicine Section Meeting

Clinical Approaches: Mindfulness Based Mind Body Healing Therapies

Ronald A. Alexander, PhD

Friday, March 26

7:30am – 8:30am

Nurses Breakfast

7:30am – 9:00am

Short Courses

SC01 Cranial Electrotherapy Stimulation for Depression, Anxiety & Insomnia

Ray Varlinsky, MA, MFT

SC02 Synergistic High Gamma for Exceptional Performance Training

David Paperny, MD, FAAP, FSAM,

Liana Mattulich, MD, BCIAC, CEEG, Sunny Turner, MA

SC03 Learning Fundamentals for Biofeedback Training

Bruno Kappes, PhD

8:00am – 9:00am

Clinical Updates Series – Session 1

Sleep

Sonia Ancola-Israeli, PhD

Headaches

Carmen Russoniello, PhD, LRT, LPC, BCIAC

9:00am – 9:15am

Opening Welcome & President's Address

John Arena, PhD

9:15am – 10:15am

General Session

Regeneration and Stress at Work: Strategies for Improved Employee Health

Tores Theorell, MD, PhD

***Sponsored by ISMA Section**

10:45am – 11:45am

General Session

An Overview of Mind Body Healing

C. Norman Shealy, MD, PhD

***Sponsored by Mind/Body Section**

11:45am - 12:45pm

Cash Lunches Available in Exhibit Hall

11:45am – 12:45pm

Applied Respiratory Psychophysiology Section Meeting

11:45am – 12:45pm

Education Section Meeting

11:45am – 12:45pm

International Section Meeting

11:45am – 12:45pm

Student Roundtable

11:45am – 12:45pm

Meet the Editor Lunch

1:00pm – 2:30pm

Symposia

SYM01 New Directions in Neurofeedback for Students with Autistic Spectrum Disorder

Michael Linden, PhD, Robert Coben, PhD,

Jaime Pineda, PhD

SYM02 Phenotype Model Updated

Jay Gunkelman, QEEG

1:00pm – 2:30pm

Invited Presentations

INV01 The Simultaneous Use of Opioids and Bioelectric Treatments for Pain Management

Forrest Tenant, MD

INV02 A State of the Arts Review on Selected Electrical Stimulation (AVS, CES, tDCS)

David Siever, CET

1:00pm – 2:30pm

Clinical Updates Series – Session 2

Nervous System Plasticity and Use of Stimulation to Accelerate Healing

C. Norman Shealy, MD, PhD

Neurophysiology of Pain and Healing

C. Norman Shealy, MD, PhD

Sport Psychology

Ken Ravizza, PhD

3:00pm – 4:00pm

Concurrent Sessions

Pediatric TBI and Neurofeedback

David Keyser, PhD

Efficacy of biofeedback for ADD/ADHD

Ute Strehl, PhD

***Sponsored by Neurofeedback Division**

4:00pm – 5:30pm

Oral Presentations Session 1

The Low Energy Neurofeedback System (LENS) for the Treatment of Autism: Five Case Studies

Nicholas Dogris, PhD

Intensity of Epileptiform Discharges and Neural Organization In Autistic Children: Impact on Neurofeedback Training

Robert Coben, PhD, William J. Hudspeth, PhD

A Data Mining Approach to Biofeedback: The Role of Neurofeedback

Adrian Van Deusen, Alvaro Dias

Negative Affect and Dimensions of Attention Questionnaire (DAQ): A Screening Tool?

Joan Hageman, PhD

The Use of Neurofeedback for Children with Autism Spectrum Disorder

Guy McCormack, PhD

EEG Gamma Cue Reactivity to Assess Neurofeedback Effects in Addiction

Timothy Horrel, Ayman El-Baz, PhD, Rajesh

Ramaswamy, MD, Allan Tasman, MD, Tato

Sokhadze, PhD

4:00pm – 5:30pm

Oral Presentations Session 2

The Effects of Three Respiration Rates on Blood Pressure and Heart Rate Variability

Christopher Wally, Igor Korenfeld, Kacie Brooks,

Joshua Peterson, Mark Schafer

Postural Effects on Heart Rate Variability and Blood Pressure Detected Using Electrocardiography

Christopher Wally, Igor Korenfeld, Kacie Brooks,

Joshua Peterson, Mark Schafer

Learned Control of Glandular and Visceral Function in Animals: History and Significance for Biofeedback Today

Fred Ernst, PhD

Toe Temperature Norms for Clinical Biofeedback

Steve Fuchs, Leanord Zaichowsky, PhD

Biofeedback in the Treatment of Heart Failure

Dana Frank, Lamees Khorshid, PsyD, Jerome Kiffer, MA,

Christine S. Moravec, PhD, Michael G. McKee, PhD

Friday, March 26 cont'd

4:00pm – 5:30pm

Clinical Updates Series – Session 3

tDCStim/SCP

Jay Gunkelman, QEEGT

Chronic pain model

Richard Gevirtz, PhD

Z-score Training

Thomas Collura, PhD

4:00pm – 5:30pm

Symposia

SYM03 Virtual Reality and Psychophysiology

Mark Wiederhold, MD, PhD, FACP, James Spira, PhD, MPH, ABPP, Brenda Wiederhold, PhD, MBA, BCIA, Skip Rizzo, PhD, Dennis Patrick Wood, PhD, ABPP

SYM04 New Frontiers in Gaming, Part I

Carmen Russoniello, PhD, LRT, LPC, BCIA-C, Eric Graves, Skip Rizzo, PhD, Matt Fish, Bennie Stover, Dan Landeck, Hon Weng Chong

4:00pm - 6:00pm

BCIA Ethics Presentation

Leslie Sherlin, PhD, QEEG-D, BCIA-EEG, BCIA-C

5:15pm – 7:00pm

Poster Session

6:00pm – 9:00pm

BCIA Certification Test

6:30pm – 7:00pm

Council of Chapters

A representative from each chapter is invited to a roundtable discussion to share ideas on how to enhance chapter membership, meetings and activities.

6:30pm – 7:30pm

Allied Health Professional Section Meeting

6:30pm – 7:30pm

Optimal Functioning Section Meeting

Special Presentation by Ken Ravizza, PhD

6:00pm – 9:00pm

Neurofeedback Division Meeting

Special Presentation by Jay Gunkelman, QEEGT

Saturday, March 27

7:30am – 8:30am

Past President's Breakfast

7:30am – 9:00am

Short Courses

SC04 Mind–Body Links and PsychoNeuroImmunology

Richard Harvey, PhD

SC05 Transcranial DC Stimulation and Slow Cortical Potentials: The Underlying Systems And Mechanisms

Jay Gunkelman, QEEGT

8:00am – 9:00am

Clinical Updates Series – Session 4

Brain anatomy and physiology

Fred Shaffer, PhD

Psychopharmacology

Paul Michael Ramirez, PhD

9:00am – 10:15am

Distinguished Scientist Presentation

10:45am – 11:45am

General Session

Neurotherapy in the Treatment of Traumatic Brain Injury: A Physiological Hypothesis

Paul Rapp, PhD

11:45am - 12:45pm

Cash Lunches Available in Exhibit Hall

11:45am – 12:45pm

sEMG/SESNA Division Meeting

11:45am – 12:45pm

Performing Arts Section Meeting

11:45am – 12:45pm

Student Brown Bag Lunch

11:45am – 12:15pm

BCIA Certification 101

12:15pm – 12:45pm

BCIA Recertification 101

1:00pm – 2:30pm

Symposia

SYM05 Polytrauma Clinical Triad

Gabriel Tan, PhD, ABPP, BCIA-C, BCIA-EEG, Dennis Patrick Wood, PhD, ABPP, CAPT MSC USN (Ret), Thomas M Johnson, MD, CAPT MSC USN

SYM06 Portable Devices to Improve Care Access

Richard Gevirtz, PhD, Fred Muench, PhD, Rollin McCraty, PhD, Evian Gordon, PhD, Ray Valinsky, PhD

SYM07 Integrating Applied Psychophysiology and Biofeedback with Psychotherapy

Hugh Baras, PhD, Eleanor Criswell, EdD, Donald Nadler, PhD, Stephen Sideroff, PhD

1:00pm – 2:30pm

Invited Presentation

INV03 New Frontiers in Gaming, Part II

Michael Schuette, PhD, Aubrey Ewing, PhD

1:00pm – 2:30pm

Clinical Updates Series – Session 5

Addiction

Stephen Sideroff, PhD

Breathing Techniques

Erik Peper, PhD

Surface EMG

Jeffrey Bolek, PhD

3:00pm – 4:00pm

Concurrent Sessions

Efficacy, Mechanisms, and Applications in COPD

Nicholas Giardino, PhD

Special Presentation

Evian Gordon, PhD

4:00pm – 5:30pm

Symposia

SYM08 Stress and Stress Reduction in the Workplace

Peter Schnall, Orfeu M. Buxton, PhD, Rollin McCraty, PhD, Tores Theorell, MD, PhD (discussant)

*Sponsored by ISMA Section

SYM09 What's New in PTSD Treatment

James Spira, PhD, MPH, Constance Dalenberg, PhD, Carmen Russoniello, PhD, LRT, LPC, BCIA-C, Capt Thomas M. Johnson, MD, David W. Hagedorn, PhD, BCIA-EEG

SYM10 Releasing the Stranglehold of Pain and Distress in Childhood and Adult Illness

Elizabeth Stroebel, PhD, Carol Schneider, PhD

4:00pm – 5:30pm

Oral Presentations Session 3

The Uses of Biofeedback Training for an Undergraduate Engineering Programme

Nubli Wahab, PhD

Regulation of trapezius activity and IQ: Is there Psychosomatic Intelligence?

Ingrid Pirker–Binder, MA Sc, Ed, Martin Ecker, MD, Christian Fazekas, PD, MD, Sylvia Titze, Karl Sudi, Richard Crevenna

Ultradian Effects in Neurofeedback Performance: A Comparison between Morning and Afternoon EEG Amplitude Training Sessions

Adrian Van Deusen, Alvaro Dias

Mind–Body Performance Training in Olympic Hopeful Athletes

Heather Dermeyer, PhD

Neurofeedback for Insomnia

Barbara Hammer, PhD, Kimberly A. Brown, MSOM, LAC, Elena C. Ilioi, Agatha P. Colbert, MD

Integrating Biofeedback and Interactive Computer Music for Stress Reduction

David Bradshaw, PhD, Miguel Chuaqui, PhD, Robert C. Jacobson, PhD, Santosh Balakrishnan, MS

6:00pm – 10:00pm

Neil Miller Celebration & Claude Bernard Gathering

Dr. Neil Miller is recognized by many as the “father” of psychophysiology. Enjoy a relaxing evening in honor of Neil Miller’s legacy. Several presenters will gather to share personal and professional anecdotes in celebration of Dr. Miller’s life. We invite you to join us for dinner and the journey down memory lane.

AAPB 41st Annual Meeting Registration Form

March 24-27, 2010

One registration form per attendee. Copy this form as needed. (Please print or type)

Registration Information				
Name: _____ <small style="display: flex; justify-content: space-between; width: 100%;">(First) (Last) (Credentials)</small>				
Affiliation: _____				
Address: _____				
City: _____ State: _____ Zip: _____ Country: _____				
Is this a new address? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Day Phone: _____ Fax: _____				
Email: _____ License Number _____				
First-Time Attendee? <input type="checkbox"/> Yes <input type="checkbox"/> No	New Member Since 3/2009? <input type="checkbox"/> Yes <input type="checkbox"/> No	Are you BCIA Certified? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, for <input type="checkbox"/> General BF and/or <input type="checkbox"/> EEG	Vegetarian Meals Required? <input type="checkbox"/> Yes <input type="checkbox"/> No	For continuing education purposes, please check all that apply: <input type="checkbox"/> Nurse <input type="checkbox"/> Physician <input type="checkbox"/> Social Worker <input type="checkbox"/> Psychologist <input type="checkbox"/> Physical Therapist <input type="checkbox"/> Other: _____

Fee Schedule		
Full Registration	Before 2/19/10	After 2/19/10
AAPB Member	<input type="checkbox"/> \$425	<input type="checkbox"/> \$480
Spouse of AAPB Member	<input type="checkbox"/> \$425	<input type="checkbox"/> \$480
ISNR Member	<input type="checkbox"/> \$425	<input type="checkbox"/> \$480
Non-Member	<input type="checkbox"/> \$525	<input type="checkbox"/> \$580
Full-Time Student (enclose copy of student ID)	<input type="checkbox"/> \$95	<input type="checkbox"/> \$110
One-Day Registration	Before 2/19/10	After 2/19/10
Friday, March 26, 2010	<input type="checkbox"/> \$225	<input type="checkbox"/> \$225
Saturday, March 27, 2010	<input type="checkbox"/> \$225	<input type="checkbox"/> \$225
<i>*Deduct \$15 for each additional registration from the same organization submitted at the same time. Excludes students and one-day registrations.</i>	Registration Fee: \$ _____	*Discount: \$ _____
Registration Fee Total: \$ _____		

Nurse's Breakfast
Nurses Breakfast – All nurses invited Friday, March 26, 2010, 7:30am – 8:30am \$20
Nurses Breakfast: \$ _____

Section/Division Meetings
Thursday, March 25, 2010 <input type="checkbox"/> ISMA Section <input type="checkbox"/> Mind/Body Medicine Section
Friday, March 26, 2010 <input type="checkbox"/> Applied Respiratory Psychophysiology Section <input type="checkbox"/> Education Section <input type="checkbox"/> International Section <input type="checkbox"/> Allied Health Professionals Section <input type="checkbox"/> Optimal Functioning Section <input type="checkbox"/> Neurofeedback Division
Saturday, March 27, 2010 <input type="checkbox"/> sEMG/SESNA Division <input type="checkbox"/> Performing Arts Psychophysiology Section

Workshops <small>Planning to proctor? Please visit www.aapb.org for more information. Please indicate which workshops you intend to pay for:</small>				
Wednesday, March 24, 2010	Member Before 2/19/10	Non-Member Before 2/19/10	Member After 2/19/10	Non-Member After 2/19/10
WS01 8:00am – 5:00pm	<input type="checkbox"/> \$240	<input type="checkbox"/> \$260	<input type="checkbox"/> \$260	<input type="checkbox"/> \$290
WS02 8:00am – 5:00pm	<input type="checkbox"/> \$240	<input type="checkbox"/> \$260	<input type="checkbox"/> \$260	<input type="checkbox"/> \$290
WS03 8:00am – 5:00pm	<input type="checkbox"/> \$240	<input type="checkbox"/> \$260	<input type="checkbox"/> \$260	<input type="checkbox"/> \$290
WS04 8:00am – 12:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS05 8:00am – 12:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS06 8:00am – 12:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS07 1:00pm – 5:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS08 1:00pm – 5:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS09 1:00pm – 5:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS10 1:00pm – 5:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$175	<input type="checkbox"/> \$155	<input type="checkbox"/> \$205
Thursday, March 25, 2010	Member Before 2/19/10	Non-Member Before 2/19/10	Member After 2/19/10	Non-Member After 2/19/10
WS10 8:00am – 5:00pm	<input type="checkbox"/> \$240	<input type="checkbox"/> \$260	<input type="checkbox"/> \$260	<input type="checkbox"/> \$290
WS11 8:00am – 5:00pm	<input type="checkbox"/> \$240	<input type="checkbox"/> \$260	<input type="checkbox"/> \$260	<input type="checkbox"/> \$290
WS12 8:00am – 12:00pm	<input type="checkbox"/> \$240	<input type="checkbox"/> \$260	<input type="checkbox"/> \$260	<input type="checkbox"/> \$290
WS13 8:00am – 12:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS14 8:00am – 12:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS15 8:00am – 12:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS16 1:00pm – 5:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS17 1:00pm – 5:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS18 1:00pm – 5:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
WS19 1:00pm – 5:00pm	<input type="checkbox"/> \$125	<input type="checkbox"/> \$145	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
<i>Full-Time Students may take a 50% discount for full and half day workshops.</i>	Workshop Total:			\$ _____

Join AAPB
<input type="checkbox"/> Regular Member \$180
<input type="checkbox"/> Student Member \$65
Membership Total: \$ _____

Please indicate your intent to attend:

Please visit www.aapb.org for more details and event times.

Thursday, March 25, 2010	Friday, March 26, 2010	Saturday, March 27, 2010
<input type="checkbox"/> GEN01 - Vilayanur S. Ramachandran, MD, PhD <input type="checkbox"/> RECOOPEN - Opening Reception <input type="checkbox"/> STUPIZZA - Student Pizza Party	<input type="checkbox"/> SC01 - Cranial Electrotherapy Stimulation for Depression, Anxiety & Insomnia <input type="checkbox"/> SC02 - Synergistic High Gamma for Exceptional Performance Training <input type="checkbox"/> SC03 - Learning Fundamentals for Biofeedback Training <input type="checkbox"/> CUS1 - Clinical Updates Series – Session 1 <input type="checkbox"/> OPENCER - Opening Welcome & President's Address <input type="checkbox"/> GEN02 - Tores Theorell, MD, PhD <input type="checkbox"/> GEN03 - C. Norman Shealy, MD, PhD <input type="checkbox"/> STURND - Student Roundtable & Brown Bag Lunch <input type="checkbox"/> LUNED - Meet the Editor Lunch <input type="checkbox"/> SYM01 - New Directions in Neurofeedback for Students with Autistic Spectrum Disorder <input type="checkbox"/> SYM02 - Phenotype Model Updated <input type="checkbox"/> INV01 - The Simultaneous Use of Opioids and Bioelectric Treatments for Pain Management <input type="checkbox"/> INV02 A State of the Arts Review on Selected Electrical Stimulation <input type="checkbox"/> CUS2 - Clinical Updates Series – Session 2 <input type="checkbox"/> CON - David Keyser <input type="checkbox"/> CON - Ute Strehl <input type="checkbox"/> ORAL1 - Oral Presentations Session 1 <input type="checkbox"/> ORAL2 - Oral Presentations Session 2 <input type="checkbox"/> CUS3 - Clinical Updates Series – Session 3 <input type="checkbox"/> SYM03 - Virtual Reality and Psychophysiology <input type="checkbox"/> SYM04 - New Frontiers in Gaming, Part I <input type="checkbox"/> BCIA1 - BCIA Ethics Presentation <input type="checkbox"/> POST - Poster Session <input type="checkbox"/> BCIA2 - BCIA Certification Test	<input type="checkbox"/> SC04 - Mind–Body Links and PsychoNeuroimmunology <input type="checkbox"/> SC05 - Transcranial DC Stimulation and Slow Cortical Potentials: The Underlying Systems And Mechanisms <input type="checkbox"/> CUS4 - Clinical Updates Series – Session 4 <input type="checkbox"/> DIST - Distinguished Scientist Presentation <input type="checkbox"/> GEN04 - Paul Rapp, PhD <input type="checkbox"/> STURND - Student Roundtable & Brown Bag Lunch <input type="checkbox"/> BCIA3 - BCIA Certification 101 <input type="checkbox"/> BCIA4 - BCIA Recertification 101 <input type="checkbox"/> SYM05 - Polytrauma Clinical Triad <input type="checkbox"/> SYM06 - Portable Devices to Improve Care Access <input type="checkbox"/> INV03 - New Frontiers in Gaming, Part II <input type="checkbox"/> SYM07 - Integrating Applied Psychophysiology and Biofeedback with Psychotherapy <input type="checkbox"/> CUS5 - Clinical Updates Series – Session 5 <input type="checkbox"/> CON - Nicholas Giardino, PhD <input type="checkbox"/> CON - Evian Gordon, PhD <input type="checkbox"/> SYM08 - Stress and Stress Reduction in the Workplace <input type="checkbox"/> SYM09 - What's New in PTSD Treatment <input type="checkbox"/> SYM10 - Releasing the Stranglehold of Pain and Distress in Childhood and Adult Illness <input type="checkbox"/> ORAL3 - Oral Presentations Session 3 <input type="checkbox"/> BISTRO - Neil Miller Celebration & Claude Bernard Gathering

Room Sharing Plan

AAPB can assist interested members in identifying shared hotel lodging opportunities at the Town & Country Resort for the Annual Meeting. If you plan to attend and are looking for a roommate, please complete this section and AAPB will send you a list with the names of other members who are interested in sharing a room.

Note: We will contact you by email. Please make sure you have included your email address on this form.

Male
 Female
 Smoker
 Non-Smoker
 Check-in Date: _____
 Check-out Date: _____

Method of Payment:

Total Due: \$ _____ <input type="checkbox"/> Option 1: Total Enclosed <input type="checkbox"/> Option 2: Minimum \$200 deposit due now, balance to be paid by February 12, 2010. <input type="checkbox"/> Charge the remaining balance to the card listed below on February 12. <input type="checkbox"/> I will send an additional check. <input type="checkbox"/> American Express <input type="checkbox"/> Visa <input type="checkbox"/> Master Card <input type="checkbox"/> Discover Card Number: _____ Expiration Date: _____ Amount to be charged: \$ _____ Name on Card: _____ Signature: _____	Notes Join AAPB now and use the member-rate registration fees! Full-Time Students may take a 50% discount for full and half day workshops. Special Services: If you have a disability which may require special accommodations in order to fully participate in the AAPB Annual Meeting, please contact the AAPB office.	Cancellation Policy Cancellations received in writing by March 1, 2010 will be issued a refund less a \$50 processing fee. NO refunds will be granted after this date. Refunds are processed following the conference.
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Mail or fax this form with payment to:
 AAPB
 10200 West 44th Avenue, Suite 304
 Wheat Ridge, CO 80033

Phone: 800.477.8892
 Fax: 303.422.8894
 Questions? aapb@resourcenter.com

Proctors Needed

Anyone (especially students) interested in volunteering to be a proctor for the workshops at the Annual Meeting may do so by contacting the AAPB office. Proctors attend workshops free of charge in exchange for collecting attendee tickets, distributing handouts, and monitoring sign in sheets. To be eligible to proctor, you must register for the full meeting. If interested, please fax (303) 422-8894 or email Allison Mendrys at amendrys@resourcenter.com your proctor request beginning January 1, 2010. Please list three workshops, in order of preference, that you would like to proctor and the best way to contact you. Please note: Proctors will be assigned courses in the order requests are received. We are unable to accept any early requests.

Continuing Education Physicians

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the [Institute for the Advancement of Human Behavior (IAHB)] and Association for Applied Psychophysiology and Biofeedback (AAPB). The [IAHB] is accredited by the ACCME to provide continuing medical education for physicians..

AMA PRA Statement

The [IAHB] designates this educational activity for a maximum of 30.25 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nurses

Amedco is an approved provider of continuing nursing education by the Wisconsin Nurses Association Continuing Education Approval Program Committee, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

This course is co-provided by Amedco and Association for Applied Psychophysiology and Biofeedback (AAPB). Maximum of 30.25 contact hours.

CA Nurses

Amedco approved by the CA Board of Registered Nursing, Provider #CEP13683, for 30.25 contact hours

Psychologists

AAPB is approved by the American Psychological Association to offer continuing education for psychologists. AAPB maintains responsibility for this program and its content. 30.25 hours.

Professional and National Certified Counselors, Marriage and Family Therapists

This course is co-sponsored by Amedco and Association for Applied Psychophysiology and Biofeedback (AAPB). Amedco is recognized by the National Board for Certified Counselors to offer continuing education for certified counselors. We adhere to NBCC continuing education guidelines. Provider #5633. 30.25 hours.

Social Workers

This course has been submitted for review to NASW in Washington, DC.

BCIA Recertification

Hour-for-hour attendance in short courses and workshops is accepted with the certificate of attendance for Category A – accredited continuing education. General Session hours are accepted as electives. BCIA accepts credits that have been approved for CE by APA.

Satisfactory completion

Participants must complete an attendance/evaluation form in order to receive a certificate of completion/attendance. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available.

Getting your certificate has been made easier. Simply go online to www.cmecertificateonline.com after the meeting, complete the attendance/evaluation form and print your certificate. In addition, your certificate will be emailed to you. This online evaluation system will be available at the end of the day March 28 through May 30, 2010. After that date, certificates will no longer be available.

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.

Exhibitor & Sponsor Information

Exhibit space and sponsorship opportunities are still available! Attendees at the AAPB Annual Meeting include researchers and clinicians from around the world, representing all levels and facets of the field. Each of them comes to the meeting seeking new ideas in product and service technology. For information on becoming an exhibitor or sponsor, please contact Allison Mendrys, AAPB Meeting Coordinator, at amendrys@resourcenter.com or 800.477.8892.

Silent Auction Information

The annual Silent Auction allows the AAPB Foundation to raise money to support the student scholarship program and biofeedback research. We need your donations and participation to keep the Foundation's alive. The auction will open the morning of Friday, March 26 and close that evening at the reception. For information on donating, visit www.aapb.org.

General Session Objectives:

- 1) Become familiar with the new concepts of personalized medicine which take into account the biomarkers, psychological markers, and cultural idiosyncrasies of individuals seeking biofeedback services
- 2) Become familiar with new technologically driven applications and tools which could be integrated into biofeedback practices

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 with 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.



10200 W. 44th Avenue, Suite 304
Wheat Ridge, CO 80033
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www.aapb.org

AAPB 41st Annual Meeting

*Personalized Medicine in the Age of
Technology: Psychophysiology and Health*

March 24 - 27, 2010

San Diego, California

Hotel Information

Welcome to San Diego, California's second largest city. Where blue skies keep watch on 70 miles of beaches and a gentle Mediterranean climate begs for a day of everything and nothing. Bordered by Mexico, the Pacific Ocean, the Anza-Borrego Desert and the Laguna Mountains, San Diego county's 4,200 square miles offer immense options for business and pleasure. In Mission Valley, the heart of San Diego, the Town & Country has been welcoming guests for over fifty years. The Town and Country offers luxurious accommodations, countless amenities, and our devoted attention to vacationers and convention delegates alike.

AAPB has reserved a block of rooms at \$156 single/double occupancy (plus applicable taxes). For reservations, call 800.772.8527 by March 5, 2010 and identify yourself as an AAPB attendee.

