# Outline

### **Biological Psychiatry**

Neurotransmitters: The theoretical emotional signaling chemicals of the brain Limitations of the research and potential risks

#### DSM-5<sup>®</sup> and Psychotropic Med Use Depression

Antidepressants: How they are thought to work Cyclics SSRIs **SNRIs** Other common antidepressants – and why they are used Side effects and risk factors Herbals and depression Treatment-resistant depression

#### Improve patient compliance with mental health medications

Limitations of the research and potential risks What you and your clients should know

#### **Bipolar Spectrum**

Medicating Bipolar disorder Current "gold standard" treatment and side effects Anticonvulsant and antipsychotic use in Bipolar disorder Anticonvulsant side effects Risks of medication non-compliance

New! Controversial concepts in treating Bipolar spectrum

#### The Many Manifestations of Anxiety

Medicating anxiety Benzodiazepines Non-benzodiazepines Medications used to treat insomnia Using anxiolytics safely Side effects of the anxiolytics

# Objectives

- Articulate the clinical uses of the five major psychotropic medication classes- the antidepressants, mood stabilizers, anti-anxiety agents, antipsychotics and psychostimulants- including their efficacy, and their common side effects.
- Communicate the potential benefits and risks of using psychotropic medication to treat a wide array of conditions.
- Explore psychotropic medication treatment options for clients with Attention Deficit/Hyperactivity Disorder.
- · Analyze the actions, therapeutic uses, and side effects of antidepressants in adults and children.
- Implement effective methods for collaborating with clients, families and prescribers in order to build a comprehensive treatment plan.
- Explore specific ethical issues and their resolve to the everyday practice of clinical psychopharmacology

#### Schizophrenia

How antipsychotic medications are thought to work Conventional antipsychotics

Second generation agents Antipsychotic side effects Relapse and non-compliance

#### **Controversy surrounding antidepressants** in treating children and adolescents

Antidepressants and suicide in children: The real truth Medicating anxiety in children

Disruptive mood dysregulation disorder – the new pediatric bipolar disorder?

#### **ADHD Medications –** What's new, what's old. Stimulants, Non-Stimulants, and some surprises! The evolution of psychostimulants

Alzheimer's medications, treatments, theory and controversy

What's Next: Newly Approved Mental **Health Medications** 

#### **Live Seminar Schedule**

- 7:30 Registration/Morning Coffee & Tea
- 8:00 Program begins
- 11:50-1:00 Lunch (on your own)
- **4:00** Program ends
- There will be two 15-min breaks (mid-morning & mid-afternoon). Actual lunch and break start times are at the discretion of the speaker. A more detailed schedule is available upon request.

#### **Target Audience**

Counselors • Social Workers • Psychologists • Psychotherapists Case Managers • Marriage & Family Therapists • Nurses Nurse Practitioners • Clinical Nurse Specialists • Addiction Counselors • Pharmacists • Occupational Therapists Occupational Therapy Assistants • Other Mental Health & HealthCare Professionals 







Free Gratitude, Mindfulness & Optimism Worksheets



for more information visit

www.pesi.com/inhouse

Bring any training in-house! Convenient • Cost-Effective • Customizable

54702-1000 ESI, Inc. 1000 'e, WI '*n of PE* , Inc. Box Clair PESI, 20. B

# Psychopharmacology

What You Need to Know Today about **Psychiatric Medications** 

HAGERSTOWN, MD Wednesday **September 11, 2019** 

**PESI** 

WINCHESTER, VA Thursday **September 12, 2019** 

CHARLOTTESVILLE, VA Fridav **September 13, 2019** 

www.pesi.com



**REGISTER NOW:** www.pesi.com/express/72989



# Psychopharmacology

# What You Need to Know **Today** about **Psychiatric Medications**

- Improve your clients' adherence to their meds
- Practical ways to effectively communicate med information
- Best meds for each disorder & age group
- Depression, bipolar, anxiety, schizophrenia, ADHD
- DSM-5<sup>®</sup> and psychotropic med use

HAGERSTOWN, MD Wednesday September 11, 2019

WINCHESTER, VA Thursday September 12, 2019 **CHARLOTTESVILLE, VA** Friday September 13, 2019

A NON-PROFIT ORGANIZATION CONNECTING KNOWLEDGE WITH NEED SINCE 1979

**REGISTER NOW:** www.pesi.com/express/72989

# Psychopharmacology

## What You Need to Know Today about Psychiatric Medications

#### Most Up-To-Date Psychotropic Medication Info

Demands on mental health professionals to expand their knowledge of psychotropic meds are like never before ... not only do you need to be on top of the latest developments and what is on the horizon, but you also have to take that information, and use it most effectively for your client.

- \* Improve clients' understanding of their mental illness, and how medication aids recovery
- \* Identifying treatment concerns with inappropriate, inadequate doses of medication
- \* Tools to help clients manage unpleasant side effects
- \* Strategies to improve client adherence to medications
- \* Depression, bipolar, anxiety, schizophrenia, ADHD -- the latest trends in medication management

# Speaker \_\_\_\_

N. BRADLEY KEELE, Ph.D., is associate professor of psychology & neuroscience, and biomedical studies at Baylor University. Prior to coming to Baylor, he was a post-doctoral fellow at the National Institutes of Health in Bethesda, MD. Dr. Keele is an expert on the neurobiology of complex emotional behaviors such as fear and anxiety disorders and depression. His lab, with support from the NIH, examines pharmacological and physiological mechanisms involved in emotional behavior and psychopathology. Dr. Keele has published over 25 peer-reviewed, primary research papers and book chapters, and has made presentations at several dozen national scientific meetings.

Dr. Keele earned his B.S. degree in psychology from Baylor, and his Ph.D. in neuroscience from the University of Texas Medical Branch in Galveston.

Speaker Disclosure:

Financial: N. Bradley Keele is an associate professor at Baylor University. He receives a speaking honorarium from PESI, Inc.

Non-financial: N. Bradley Keele has no relevant non-financial relationship to disclose.

#### Questions? Call customer service at 800-844-8260



Hassle-Free Cancellation Policy: If you contact us before the event date, you can exchange for a DVD or CD/digital manual package on the subject (self-study continuing education credit may be available), a certificate to attend another seminar, or receive a tuition refund less a \$30 cancel fee. Substitutions are permitted at any time.

Seminar on DVD or CD Package: You can purchase a self-study package on the subject. You will receive a set of CDs or DVDs that include a digital copy of the seminar manual and post-test/evaluation. You and your colleagues can receive CE hours for a nominal fee. To determine if homestudy credits are available for your profession go to www.pesi.com or call 800-844-8260. Check with your licensing board to verify acceptance of self-study credits for license renewal. Order today by using the order form on this brochure or by calling 800-844-8260.

Have a seminar idea? A manuscript to publish? The nation's top speakers and authors contact PESI first. If you are interested in becoming a speaker or have a new topic idea, please contact Scott Simpson at ssimpson@pesi.com or call 715-855-5263.



PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. Limited seats available; advance online reaistration reauired.

### \*SAVE by including these products with seminar registration!

### Psychopharmacology

Straight Talk on tal Health Medicat

Psychosis-Depression-Bipolar Ansiety-ADHD-Insomnia

Straight Talk on Mental Health Medications - 3rd Edition

#### By Joseph F. Wegmann, R.PH., LCSW

A definitive guide to expand your knowledge in the pharmacological and behavioral treatment of psychosis, anxiety, depression, bipolar, insomnia and ADHD. Updates for the third edition include DSM-5 applications, newly released psychiatric meds, new risk factors with antidepressants, and the latest in geriatric psychopharmacology, (2015)

#### **Private Practice Essentials**

Business Tools for Mental Health Professionals

By Howard Baumgarten, MA, LPC

Private Practice Essentials is an innovative, practical guide and workbook for creating business and clinical success in your counseling and therapy practice. You'll be guided through numerous exercises that provide a solid and personalized plan with realistic and attainable goals. It's like having a professional business consultant right at your fingertips, including 75+ reproducible worksheets, forms and exercises.

### Live Seminar Continuing Education Credit Information

Credits listed below are for full attendance at the live event only. After attendance has been verified, pre-registered attendees will receive an email from PESI Customer Service with the subject line, "Evaluation and Certificate" within one week. This email will contain a link to complete the eminar evaluation and allow attendees to print, email or download a certificate of completion if ir full attendance. For those in partial attendance (arrived late or left early), a letter of attendance is available through that link and an adjusted certificate of completion reflecting partial credit will be issued within 30 days (if your board allows). Please see "LIVE SEMINAR SCHEDULE" on this brochure for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch.

If your profession is not listed, please contact your licensing board to determine your continuing education requirements and check for reciprocal approval. For other credit inquiries not specified below, or questions on home study credit availability, please contact cepesi@pesi.com or 800-844-8260 before the event.

Materials that are included in this course may include interventions and modalities that are bevond the authorized practice of mental health professionals. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with your profession's standards.

PESI, Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Rehab and Psychotherapy Networker.

ADDICTION COUNSELORS: This course has been approved by PESI, Inc., as a NAADAC Approved Education Provider, for 6.0 CE in the skill group. NAADAC Provider #77553. PESI, Inc. is responsible for all aspects of their programmer Full attendance is required; no partial credit will be awarded for partial attendance

COUNSELORS: This intermediate activity consists of 6.25 clock hours of continuing education instruction. Credit requirements and approvals vary per state board regulations. Please save the course outline, the certificate of completion you receive from the activity and contact your state board or organization to determine specific filing requirements.

MARYLAND COUNSELORS: This intermediate activity is approved for 6.25 clock hours of continuing education instruction. The Maryland Board of Professional Counselors recognizes courses and providers that are approved by the NAADAC A certificate of attendance will be awarded at the end of the program to counselors who complete the program evaluation, to submit to their state board.

VIRGINIA COUNSELORS: This intermediate activity consists of 6.25 clock hours of continuing education instruction. Credit requirements and approvals vary per state board regulations. Please contact your licensing board to determine if they accept programs or providers approved by other national or state licensing boards. A certificate of attendance will be awarded at the end of the program to participants who are in full attendance and who complete the program

WEST VIRGINIA COUNSELORS: An application has been submitted to the West Virginia Board of Examiners in Counseling

MARRIAGE & FAMILY THERAPISTS: This activity consists of 380 minutes of continuing education instruction. Credit requirements and approvals vary per state board regulations. You should save this course outline, the certificate of completion you receive from the activity and contact your state board or organization to determine specific filing requirement

NURSES/NURSE PRACTITIONER/CLINICAL NURSE SPECIALISTS: PESI, nc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Nurses in full attendance will earn 6.3 contact hours. Partial contact hours will be awarded for partial attendance

NURSE PRACTITIONERS: This program offers 380 instructional minutes of pharmacology content which is designed to qualify for 6.3 contact hours toward your pharmacology requirement to receive credit. It is your responsibility to submit your certificate of successful completion and a copy of the seminar brochure to your licensing board.



OT Provider #: 3322. Full attendance at this course qualifies for 6.0 contact hours or .6 CEUs in the Category of Domain of OT and Occupational Therapy Process Partial credit will be issued for partial attendance. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. Course Level: Intermediate.

**PHARMACISTS:** PESI, Inc. is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. PE Successful completion of this Knowledge-based activity qualifies for 6.3 contact hours. ACPE Universal Program Number: 0289-0000-18-006-L01-P. Full attendance is required. No partial contact hours will be awarded for partial attendance. You are required to complete a program evaluation/post-test and bring your e-Profile ID to the seminar to receive CPE credit. Don't have your e-Profile ID yet? Visit the National Association of Boards of Pharmacy (NABP) website and complete your e-profile at www.nabp.net in order to obtain your NABP e-Profile ID.

PSYCHOLOGISTS AND PSYCHIATRISTS: The following state psychologist boards recognize activities sponsored by PESI. Inc. as an approved ACCME provider: Alaska, Arkansas, California, Colorado, Georgia, Illinois, Indiana, Kentucky, Maine, Maryland, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico Oklahoma, Pennsylvania, South Carolina and Wisconsin. This activity consists of 6.0 clock hours of continuing education instruction. Certificates of attendance will be issued for you to submit to your state licensing board to recognize for continuing education credit. Full attendance is required; no partial credits will be offered for partial attendance.

**PSYCHIATRISTS:** PESI, Inc. is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for psychiatrists.

PESI, Inc. designates this enduring material for a maximum of 6.0 AMA PRA Category 1 Credit(s). Psychiatrists should only claim credit commensurate with the extent of their participation in the activity.

PENNSYLVANIA PSYCHOLOGISTS: PESI, Inc. is approved by the Pennsylvania State Board of Psychology to offer continuing education for psychologists. PESI maintains responsibility for the program(s). This program qualifies for 6.25 continuing education hours.

SOCIAL WORKERS: PESI, Inc., #1062, is approved to offer social ACE work continuing education by the Association of Social Work Boards (ASWB) Approved Continuing Education (ACE) program nizations, not individual courses, are approved as ACE providers. State and incial regulatory boards have the final authority to determine whether an individual course may be accepted for continuing education credit. PESI, Inc. maintains responsibility for this course. ACE provider approval period: January 27, 2017 - January 27, 2020, Social Workers completing this course receive 6.25 Clinical Practice continuing education credits. Course Level: Intermediate. Full attendance is required; no partial credits will be offered for partial attendance. A certificate of attendance will be awarded at the end of the program to social workers who complete the program evaluatio

PENNSYLVANIA SOCIAL WORKERS, MARRIAGE & FAMILY THERAPISTS AND PROFESSIONAL COUNSELORS: This intermediate activity consists of 6.25 clock hours of continuing education instruction. Credit requirements and approvals vary per state board regulations. Please contact your licensing board to determine if they accept programs or providers approved by other national or state licensing boards. A certificate of attendance will be awarded at the end of the program to participants who are in full attendance and who complete the program evaluation. Full attendance is required; no partial credits will be offered for partial attendance

WEST VIRGINIA SOCIAL WORKERS: The West Virginia Board of Social Work Examiners can only approve programs held in the state of West Virginia. This course does not qualify for West Virginia social work credits. You will still receive a certificate of completion at the end of the seminar to retain for your records.

OTHER PROFESSIONS: This activity qualifies for 380 minutes of instructional content as required by many national, state and local licensing boards and professional organizations. Save your course outline and certificate of completion, and contact your own board or organization for specific requirements



Advance registration required.

WALK-INS

of seminar.

MAIL

ONLINE

PHONE

FAX



# QUESTIONS? Call 800-844-8260 or e-mail us at info@pesi.com. How to Register: PSYCHOPHARMACOLOGY: WHAT YOU NEED TO KNOW TODAY ABOUT PSYCHIATRIC MEDICATIONS

please print: staple duplicate forms.

## pesi.com/express/72989

800-844-8260

Please have credit card available

## 800-554-9775

PESI, Inc. PO BOX 1000 Eau Claire, WI 54702-1000

#### 2 Check location: (make copy of locations)

## □ HAGERSTOWN, MD

**September 11, 2019** 72989HAG Hampton Inn Hagerstown 1716 Dual Highway • 21740 (301) 739-6100

#### WINCHESTER, VA September 12, 2019 72989WCH

The George Washington A Wyndham Grand Hotel 103 E Piccadilly St • 22601 (540) 678-4700

#### CHARLOTTESVILLE, VA September 13, 2019 72989CHV

Hilton Garden Inn Charlottesville 1793 Richmond Road • 22911 (434) 979-4442

#### **REGISTER NOW** pesi.com/express/72989

ADA NEEDS We would be happy to accommodate your ADA needs; please call at least two weeks prior to the seminar date.

Walk-ins are welcome but admission cannot be guaranteed. Call M-F 7:00-6:00 Central Time for space availability if registering within one week

#### TUITION OPTIONS

 FREE Military Tuition: PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. Limited seats available; advance online ration required

• \$30 Tuition: If you are interested in being our registration coordinator for the day, go to: www.pesi.com/coord for availability and job description, or call our Customer Service Dept. at 800-844-8260.

• Groups of 5 or more: Call 800-844-8260 for discounts.

 Discounted Student Rate: As part of its mission to serve educational needs. PESI, Inc. offers a reduced rate of 50% off standard tuition for students. Enclose a current student schedule with registration form

Go to www.pesi.com/students or call 800-844-8260 for details.

Cannot be combined with other discounts

Mail Code: See mail code box on address panel on reverse sic	le
Name	Profession
Employer Name	
Employer Address	
Dept/Floor/Suite	
City	County
State	Zip
Home/Cell Ph ( )	
Dept. Ph ( )	

Please complete entire form (to notify you of seminar changes):

*F-mail	addross

\*Registrant's e-mail is required to receive your certificate of completion and registration confirmation

## **B** Check tuition:

#### TUITION WITH SEMINAR MANUAL

**\$199.99** - choose one of the options below: per person for 2 or more preregistering together —OR—

single registration postmarked 3 weeks prior to seminar date

**\$229.99** standard

#### ADD-ON PRODUCTS

outed at seminar—FREE SHIPPING

#### State State

#### □ \$34.99\* Private Practice Essentials book

\*Attendees add applicable state and local taxes except in AK, DE, MT, NH, OR

#### **4** Indicate method of payment:

ALL REGISTRATIONS MUST BE PREPAID. Purchase orders welcome (attach copy)

Check enclosed payable to **PESI, Inc.** 

MC VISA AE Discover Novus 16 digits 13-16 digits 15 digits 16 digits

Card #

V-Code #\*:

#### Card Exp. Signature

(\*MC/VISA/Discover: last 3-digit # on signature panel on back of card.) (\*American Express: 4-digit # above account # on face of card.)

#### CAN'T ATTEND THE SEMINAR? See below for individual product order

#### Psychopharmacology \_\_\_\_ Seminar on DVD\* (video) \$199.99 (RNV050515)

Seminar on CD\* (audio) \$169.99 (RNA050515)

Psychopharmacology, 3rd Edition book\* \$24.99 (PLIR083825)

#### Private Practice Essentials book\* \$34.99 (PUB084900)

CE hours and approvals on products may differ from live CE approvals.	Product total \$ *Shipping
*Shipping is \$6.95 first item + \$2.00 each add'I item.	Subtotal
**Residents add applicable state and local taxes except in AK, DE,MT, NH, OR	TOTAL



FOR OFFICE USE ONLY Fed ID # 26-3896894 © 2019 PESI, Inc.