

## OUTLINE

### MEDS 101

Case study  
Reasons to be knowledgeable about psychiatric medications  
Lessons from other disciplines  
Pharmacy  
Nursing  
Ethics guidelines  
The common questions clients have about their medications  
Handling differences of opinion between yourself and a prescribing professional

### GENERAL OVERVIEW OF THE NERVOUS SYSTEM

Organization of the nervous system  
Structure of the neuron  
Communication between neurons  
How medicines interact with the nervous system

### DEPRESSION MEDICATIONS

Neurobiology  
SSRIs and SNRIs  
Mechanism of action  
Benefits and adverse reactions  
Medications in these categories  
Case study

### ANXIETY DISORDER MEDICATIONS

DSM-5® anxiety categories  
Deconstructionist approach taken by prescribers  
Neurobiology  
SSRIs and Benzodiazepines  
Mechanism of action  
Benefits and adverse reactions  
Medications in these categories  
Case study

### BIPOLAR MEDICATIONS

Monotherapy  
Lithium, anticonvulsants, and 2nd generation antipsychotics  
Mechanism of action  
Benefits and adverse reactions  
Medications in these categories  
Case study

### ADHD MEDICATIONS

Neurobiology  
Methylphenidate and amphetamine  
Mechanism of action  
Delivery systems  
Benefits and adverse reactions  
Medications in these categories  
Case study

### ANTIPSYCHOTIC MEDICATIONS

Psychosis symptoms  
Neurobiology  
1st and 2nd generation  
Antipsychotics  
Mechanism of action  
Benefits and adverse reactions  
Medications in these categories  
Case study

### INSOMNIA MEDICATIONS

Causes and treatments for insomnia  
Medications for insomnia  
Half-life  
Benefits and adverse reactions  
Case study

### LIMITATIONS OF THE RESEARCH & POTENTIAL RISKS

## Objectives

1. Discuss the proper role of mental health professionals who treat clients receiving both psychotherapeutic medications and psychotherapy.
2. Explore specific ethical issues and resolutions related to communicating with clients and prescribing professionals about psychotropic medications.
3. Explain the neurotransmitter systems and neuroanatomy underlying the biological basis for mental disorders and pharmacotherapy.
4. Identify the major classes of drugs used to treat mental disorders and which mental disorders are appropriately treated with each class of drugs.
5. Describe adverse effects and drug reactions of the commonly prescribed psychotropic medications and when to alert the prescriber about them.
6. Analyze the role that half-life plays in the efficacy of insomnia medications prescribed for clients and how it may affect behavioral interventions.



**Hassle-Free Cancellation Policy:** If you contact us before the event date, you can exchange for a certificate to attend another seminar, or receive a tuition refund less a \$30 cancel fee. Substitutions are permitted at any time.

**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](mailto: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. *Advanced online registration required.*



**ROANOKE, VA**  
Wednesday, May 1, 2019

**RICHMOND, VA**  
Thursday, May 2, 2019

**NORFOLK, VA**  
Friday, May 3, 2019

# PSYCHOPHARMACOLOGY

## Essential Information for Mental Health Professionals

NON-PROFIT ORG  
US POSTAGE PAID  
EAU CLAIRE, WI  
PERMIT NO 32729

PESI  
P.O. Box 1000  
Eau Claire, WI 54702-1000  
A Division of PESI, Inc.

# PSYCHOPHARMACOLOGY

## Essential Information for Mental Health Professionals

Featuring **Dr. Kenneth Carter**, board certified clinical psychologist and professor of Psychology at Oxford College of Emory University

• **Why (and what) you should know about psychopharmacology**

• **Questions you can expect from clients and prescribers, and how to answer them**

• **Latest ethical guidelines from APA, NASW, ACA and others**

• **Latest information and newest medications for depression, anxiety, bipolar, ADHD, psychosis and insomnia**

**ROANOKE, VA**  
Wednesday, May 1, 2019

**RICHMOND, VA**  
Thursday, May 2, 2019

**NORFOLK, VA**  
Friday, May 3, 2019



**A NON-PROFIT ORGANIZATION CONNECTING KNOWLEDGE WITH NEED SINCE 1979**

**REGISTER NOW: [www.pesi.com/express/69978](http://www.pesi.com/express/69978)**

**REGISTER NOW: [www.pesi.com/express/69978](http://www.pesi.com/express/69978)**

# PSYCHOPHARMACOLOGY

## Essential Information for Mental Health Professionals

Dr. Kenneth Carter, a board certified clinical psychologist with a Master's degree in clinical psychopharmacology, shares his clinical experience and training to provide detailed information about the range of common medications prescribed for mental health conditions. You will get the latest information on antidepressants, anxiolytics, and common medications for insomnia and Attention deficit/Hyperactivity Disorder among others. Through lecture, the examination of multi-disciplinary ethics codes and real case examples, you will take a close look at the ethical decisions that accompany medication use and the non-prescribers role and limits with regards to medication discussions with your patients.

Dr. Carter answers questions from providers in the field and walks through examples of practical clinical discussions that come up every day in practice, including how to discuss scope of practice with your patients in order to optimize their care when working with multiple providers. The goal is for you to leave better prepared to communicate with your clients as well as the prescribers, as Dr. Carter instructs you on how the medications work, their benefits, and the side effects and dangerous reactions associated with them.

## SPEAKER

**Kenneth Carter, PhD, ABPP**, is a board-certified clinical psychologist and professor of psychology at Oxford College of Emory University in Atlanta, Georgia. Dr. Carter received his M.A. and PhD in clinical psychology from the University of Michigan in Ann Arbor and a postdoctoral master's degree in clinical psychopharmacology from Fairleigh Dickerson University. Dr Carter has taught clinical psychopharmacology classes at Emory University since 2005 and has presented highly rated psychopharmacology workshops to clinicians throughout the United States since 2010. Dr. Carter has served as a senior assistant research scientist in the Epidemic Intelligence Service of the Centers for Disease Control and Prevention. He has been a psychotherapist and researcher for more than 20 years, during which time he has garnered awards from the National Institutes of Health, the National Heart, Lung and Blood Institute, and the University of Michigan. Dr. Carter has presented at numerous conferences and written several books and articles on introductory psychology, neuropsychology and psychopharmacology.

### Speaker Disclosures:

Financial: Kenneth Carter is a professor at Oxford College of Emory University. He receives a speaking honorarium from PESI, Inc.

Non-financial: Kenneth Carter is a member of the American Psychological Association; the Association for Psychological Science; and the American Board of Professional Psychology.

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

**REGISTER NOW: [www.pesi.com/express/69978](http://www.pesi.com/express/69978)**

## 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 seminar evaluation and allow attendees to print, email or download a certificate of completion if in 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 [cepsi@pesi.com](mailto:cepsi@pesi.com) or 800-844-8260 before the event.*

*Materials that are included in this course may include interventions and modalities that are beyond 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 counseling services skill group. NAADAC Provider #77553. PESI, Inc. is responsible for all aspects of their programming. 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.

**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 evaluation.

**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 requirements.

**NURSES/NURSE PRACTITIONER/CLINICAL NURSE SPECIALISTS:** PESI, Inc. 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.

**OCCUPATIONAL THERAPISTS & OCCUPATIONAL THERAPY ASSISTANTS:** PESI, Inc. is an AOTA Approved Provider of continuing education. 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. Successful completion of this Knowledge-based activity qualifies for 6.3 contact hours. ACEP Universal Program Number: 0289-0000-19-006-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](http://www.nabp.net) in order to obtain your NABP e-Profile ID.

**PSYCHOLOGISTS:** PESI, Inc. is approved by the American Psychological Association to sponsor continuing education for psychologists. PESI maintains responsibility for this program and its content. PESI is offering this activity for 6.25 hours of continuing education credit. Full attendance is required; no partial credits will be offered for partial attendance.

**SOCIAL WORKERS:** PESI, Inc. Provider #:1062, is approved as a provider for social work continuing education by the Association of Social Work Boards (ASWB), [www.aswb.org](http://www.aswb.org) through the Approved Continuing Education (ACE) Program. PESI, Inc. maintains responsibility for the program. ASWB Approval Period: January 27, 2017 - January 27, 2020. Social workers should contact their regulatory board to determine course approval for continuing education credits. Social workers participating in this course will receive 6.25 (Clinical Practice) continuing education clock hours for this Intermediate course. A certificate of attendance will be awarded at the end of the program to social workers who complete the program evaluation. Full attendance is required; no partial credits will be offered for partial attendance.

**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.

## 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

QUESTIONS? Call **800-844-8260** or e-mail us at [info@pesi.com](mailto:info@pesi.com).

## How to Register:

PSYCHOPHARMACOLOGY: ESSENTIAL INFORMATION FOR MENTAL HEALTH PROFESSIONALS

### ONLINE

[pesi.com/express/69978](http://pesi.com/express/69978)

### PHONE

**800-844-8260**

Please have credit card available

### FAX

**800-554-9775**

### MAIL

PESI  
PO BOX 1000  
Eau Claire, WI  
54702-1000

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

☐ **ROANOKE, VA**

**May 1, 2019**

69978ROA

Holiday Inn Valley View  
3315 Ordway Dr • 24017  
(540) 362-4500

☐ **RICHMOND, VA**

**May 2, 2019**

69978RIC

Delta Hotels by Marriott, Richmond  
Downtown  
555 East Canal Street • 23219  
(804) 788-0900

☐ **NORFOLK, VA**

**May 3, 2019**

69978NOR

Sheraton Norfolk Waterside Hotel  
777 Waterside Drive • 23510  
(757) 622-6664

## REGISTER NOW

[www.pesi.com/express/69978](http://www.pesi.com/express/69978)

### ADA NEEDS

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

### WALK-INS

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 of seminar.

### 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. **Advanced online registration required.**
- **\$30 Tuition:** If you are interested in being our registration coordinator for the day, go to: [www.pesi.com/coord](http://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](http://www.pesi.com/students) or call 800-844-8260 for details. **Advance registration required.** *Cannot be combined with other discounts.*

**3 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

**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 # \_\_\_\_\_

Card Exp. \_\_\_\_\_ V-Code #\*: \_\_\_\_\_

Signature \_\_\_\_\_

(\*MC/VISA/Discover: last 3-digit # on signature panel on back of card.)

(\*American Express: 4-digit # above account # on face of card.)



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

SS

PLEASE RETURN ENTIRE REGISTRATION FORM