

Outline

THE PERFECT PILL

- Origins of Today's Psycho-affective Medications
- What the Body Does to the Drug
- What the Drug Does to the Body
- Placebo vs. Nocebo Effects

WHERE DRUGS WORK

- Brain Chemistry Alternations in Mental Illness
- Neuroanatomy
- Neurons
- Neurotransmitters
- Drug Mechanism of Action
- The Terminal Button
- Meds and Their Anatomical Site of Action

ADVERSE DRUG REACTIONS & WARNINGS

- Cognitive
- Nutritional (Metabolic Syndrome)
- Movement Disorders
- Sexual/Libidinal Problems
- FDA Pregnancy Categories
- Black Box Warnings

MEDICATIONS & MANAGING SIDE EFFECTS

- Neurochemistry of Depression

Antidepressants

- Tri-Cyclic Antidepressants
- MAOIs
- Serotonin Reuptake Inhibitors (SRIs)
- 5-HT Syndrome
- Serotonin Discontinuation Syndrome
- Serotonin and Norepinephrine Reuptake Inhibitors

- Venlafaxine (Effexor)
- Duloxetine (Cymbalta)

Atypical Antidepressants

- Mirtazapine (Remeron)
- Bupropion (Wellbutrin)

Stimulants

- Neurochemistry of ADHD
- Stimulant Medications
- Non-stimulant Options

Anxiolytics/Anti-Anxiety

- Neurochemistry of Anxiety
- Benzodiazepines

Antipsychotic Medications

- Neurochemistry and Neuropathways Associated with Psychosis
- Traditional Antipsychotic Medications (Neuroleptics)
- Atypical Antipsychotic Medications

Mood Stabilizers/Neuromodulators

- Lithium
- Anti-seizure Medications
- Atypical Antipsychotics

Substance Abuse

- Neurochemistry of Addiction
- Medications for the Addictions

Memory Medications

- Acetyl Cholinesterase Inhibitors

CURRENT AND FUTURE TRENDS

- Depression -- Treatment Selection for Mild, Moderate, & Severe
- The New Normal: Tardive Dysphoria
- Choosing Psychotherapy, Pharmacotherapy, or Combination
- Diagnostic Aids & Computerized Devices
- New Theories of Mental Illness & Treatment
- Future Drugs

LIMITATIONS OF THE RESEARCH & POTENTIAL RISKS

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

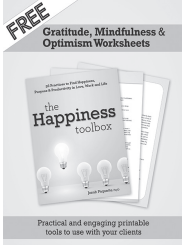
There will be two 15-min breaks (mid-morning & mid-afternoon). Actual lunch and break start times are at the discretion of the speaker. A more detailed schedule is available upon request.

Objectives

1. Demonstrate a basic knowledge of the historical antecedents of psychopharmaceutical products and their relation to today's psychoaffective medications.
2. Analyze the more common neurotransmitters and their role in both drug action and side effects.
3. Discuss adverse drug reactions including nutritional (metabolic syndrome), cognitive, sexual, and behavioral toxicities associated with psychoaffective medications.
4. List the major classes of psychopharmacologic medications and how these medications impact illnesses.
5. Describe psychopharmacologic diagnostic aids, devices, and computerized applications currently available to practitioners in their clinical practice.
6. Create a treatment strategy for mild, moderate, and severe depression.

Target Audience: Counselors • Psychologists • Nurse Practitioners • Nurses • Clinical Nurse Specialists • Case Managers
Social Workers • Addiction Counselors • Pharmacists • Other Interested Healthcare Professionals • Marriage and Family Therapists

— FREE —
Worksheets



Free Gratitude, Mindfulness & Optimism Worksheets
pesi.com/worksheetshappiness

Bring any training in-house!



Convenient • Cost-Effective • Customizable

for more information visit
www.pesi.com/inhouse

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

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

Psychopharmacology

What Every Mental Health Professional Needs to Know About Psychotropic Medications

Greenville, SC

Friday, September 6, 2019

Columbia, SC

Friday, September 20, 2019

Charleston, SC

Friday, September 27, 2019

Psychopharmacology

What Every Mental Health Professional Needs to Know About Psychotropic Medications

- Understand how and where drugs work
- Assess the effectiveness of psychotropic medications
- Predict side effects & empower patients to report them
- Psychotherapy, pharmacotherapy -- or both
- Improve client adherence and outcomes

Greenville, SC

Friday, September 6, 2019

Columbia, SC

Friday, September 20, 2019

Charleston, SC

Friday, September 27, 2019

A NON-PROFIT ORGANIZATION CONNECTING KNOWLEDGE WITH NEED SINCE 1979



REGISTER NOW: pesi.com/express/72982



REGISTER NOW: pesi.com/express/72982

Psychopharmacology

What Every Mental Health Professional Needs to Know About Psychotropic Medications

Understanding psychotropic medications is important for all healthcare practitioners. Many primary care prescribers of medications are limited to as little as 15 minutes in order to diagnose client mental health disorders and to select appropriate psychiatric medications. This has significant implications for mental health practitioners who treat these clients and for other healthcare professionals that may be involved directly in medication changes and adjustments.

All health care providers who deal with depression, anxiety and other mental health disorders will encounter treatment concerns due to psychotropic medications including the following:

- Inappropriate selection for the presenting mental health disorder
- Inadequate doses of medication
- Drug interactions
- Unpleasant and unexpected side effects

It is becoming increasingly important that all providers of mental health care become knowledgeable about the appropriate use of psychotropic medications, the mechanisms of drug action and the recognition of specific side effects. With this knowledge mental health treatment can be optimized for patients. Attend this seminar and expand your knowledge pertaining to the safe and effective application and management of psychotropic medications.

Speaker



Perry Buffington, Ph.D., M.S., has over 20 years of experience in the medical consulting field and is a full-time senior lecturer at the University of Georgia, teaching psychopharmacology at the undergraduate and graduate levels. He is former chairman of the prestigious Florida Psychological Association's Prescriptive Authority Committee and teaches seminars nationwide on minimizing psychopharmacological errors. As the author of eight books (currently working on his first psychopharmacology text), his by-line has appeared in hundreds of periodicals including the Saturday Evening Post, USA

Today, and Success. He is the former contributing editor for Delta Air Lines' in-flight magazine, Sky, and served as a syndicated newspaper/web columnist for Universal Press. Additionally, he hosted his own radio show, syndicated nationally, by Envision Radio Networks.

Perry's presentation style is engaging, a blend of education and entertainment; as a result, critics (and especially his students) applaud his ability to make complicated topics understandable and applicable – even useful!

Speaker Disclosures:

Financial: Perry Buffington is the President of Go-Buff Enterprises, Inc. He is a member of the psychology faculty, Franklin College of Arts & Sciences, The University of Georgia. Dr. Buffington receives a speaking honorarium from PESI, Inc.

Non-financial: Perry Buffington has no relevant non-financial relationship to disclose.

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.

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.

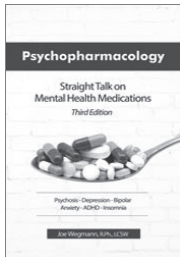
Seminar on CD or DVD Package:

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.



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 registration required.**

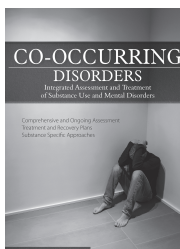
***SAVE by including these PRODUCTS with seminar registration!**



Psychopharmacology: Straight Talk on Mental Health Medications, 3rd Edition

By Joe Wegmann, PHARM.D., 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.



Co-Occurring Disorders

Integrated Assessment and Treatment of Substance Use and Mental Disorders

By Charles Atkins, MD

A practical, step-by-step guide with diverse case studies gives you the tools to improve your clinical outcomes. Ideal for both the rubber-meets-the-road clinician, who wants effective strategies and a clear direction for treatment and recovery, and the administrator who creates interventions at the system level with attention to regulatory and reimbursement demands.

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

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 cepesi@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.

ADDITION 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.

NORTH CAROLINA 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.

SOUTH CAROLINA COUNSELORS, MARRIAGE & FAMILY THERAPISTS AND PSYCHO-EDUCATIONAL SPECIALISTS: This program has been approved for 6.0 continuing education hours by the South Carolina Board of Examiners for Licensure of Professional Counselors, Marriage and Family Therapists, and Psycho-Educational Specialists. Provider #4540.

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 6.0 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.

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. ACPE Universal Program Number: 0289-0000-18-002-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.

NORTH CAROLINA PSYCHOLOGISTS: This course is designed to meet the Category B Requirements of the North Carolina Psychology Board, provided it is within your scope of practice of psychology. Please retain all documents to provide to your board should this be requested of you. This activity consists of 380 minutes of continuing education instruction.

SOCIAL WORKERS: PESI, Inc., #1062, is approved to offer social work continuing education by the Association of Social Work Boards (ASWB) Approved Continuing Education (ACE) program. Organizations, not individual courses, are approved as ACE providers. State and provincial 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 evaluation.

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.

QUESTIONS? Call **800-844-8260** or e-mail us at info@pesi.com.

How to Register Psychopharmacology

What Every Mental Health Professional Needs to Know About Psychotropic Medications

ONLINE

pesi.com/express/72982

PHONE

800-844-8260

Please have credit card available

FAX

800-554-9775

MAIL

PESI, Inc
PO Box 1000
Eau Claire, WI
54702-1000

2 Check location: (make copy of locations)

☐ GREENVILLE, SC September 6, 2019

72982GRV

Embassy Suites Resort Hotel
670 Verdae Blvd • 29607
(864) 676-9090

☐ COLUMBIA, SC September 20, 2019

72982COL

Hilton Garden Inn Columbia/Harbison
434 Columbiana Drive • 29212
(803) 407-6640

☐ CHARLESTON, SC September 27, 2019

72982CHR

Crowne Plaza Charleston Airport Conv Ctr
4831 Tanger Outlet Blvd • 29418
(843) 744-4422

REGISTER NOW:
pesi.com/express/72982

PLEASE RETURN ENTIRE REGISTRATION FORM

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. *Limited seats available; advance online registration 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. *Advance registration required. Cannot be combined with other discounts.*



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

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

Add-On Products

Distributed at seminar—FREE SHIPPING!

☐ **\$24.99*** *Psychopharmacology, 3rd Edition* book

☐ **\$29.99*** *Co-Occurring Disorders* 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 # _____

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.)

CAN'T ATTEND THE SEMINAR?

See below for individual product orders

Psychopharmacology

___ Seminar on DVD* (video) \$199.99 (RNV050515)

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

___ **Psychopharmacology, 3rd Edition** book*
\$24.99 (PUB083825)

___ **Co-Occurring Disorders** book* \$29.99
(PUB082045)

CE hours and approvals on products may differ from live CE approvals.

*Shipping is \$6.95 first item + \$2.00 each add'l item.

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

Product total \$ _____
*Shipping _____
Subtotal _____
**Tax _____
TOTAL _____