

Psychometrics Training Series: Introduction, Intermediate & Advanced

Presented by:

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Hosted by:

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This training series was developed to assist the mental health professional toward becoming increasingly proficient in the area of testing and assessment within a clinical practice setting. Each training day offers another level of training beyond the last (see outline below for details).

For the first time (by popular demand) this training series will be offered on Sundays.

Each Sunday will begin at 8:30am and end at 3:30pm. Participants will enjoy a relaxed professional environment including a culinarian prepared continental breakfast, lunch to order, mid-afternoon snacks, as well as coffee, tea, water and soft drinks throughout the day. An outstanding wine selection and other spirits are also responsibly available. Finally, the fee for training also includes access to a private psychometric cloud-based resource site, as well as mentorship and report consultation for one year following the training.

Cost for this series is \$300 per day or \$695 for the 3-day series.

Name:

Address:

Contact #:

Email:

Please send initial registration to Dr. Deering via email: deering@oakland.edu
Participants will then receive details for payment. Official registration is based on securing payment on a first-come, first-serve basis (space is very limited):

Full Seminar (All days listed below) _____

Introduction (October 2th, 2016) _____

Intermediate (October 9th, 2016) _____

Advanced (October 16th, 2016) _____

Psychometrics Training Series - Topics & Objectives (Introduction):

Introduction to Psychometrics Training (Morning Session):

- Brief introductions from instructor(s) and participants
- Outline goals for participants with regard to desired outcomes from introductory psychometrics seminar and series as a whole (individualize content accordingly)

The Foundation of Assessment, Testing & Measurement

- Review assessment, testing and measurement as general concepts
- Review premise of testing and assessment (psychometrics) in the measurement of human characteristics
- Review major areas that psychometrics have been applied in education, mental health, medicine, etc.
- Review assessment and diagnostic rubric for the purposes of guiding a psychometrically-based evaluation and potential treatment plan

The Purposes & Uses of Psychometrics in Mental Health

- Review mental health professions and various applications of psychometrics
- Explore methods for assisting patients in understanding psychometric results
- Review the concept of variation in patient characteristics and discuss the role of measurement as an informational precursor to clinical decision making
- Differentiate among inventories and tests used for measurement in areas related to emotion, behavior, cognition and personality

Clinical Assessment, Diagnosis, Treatment Planning & Psychometrics

- Review examples of clinical assessment and the appropriate use of psychometrics
- Review expected outcomes from the use of psychometrics including case conceptualization and treatment planning
- Review Diagnostic and Statistical Manual (DSM IV-TR & DSM-5) considerations and the use of psychometrics in the diagnostic and treatment planning process

The Decision-Making Process

- Review and assimilate decision-making model for psychometrics in mental health

Morning Session Review & Lunch (Questions, Comments & Discussions)

- Question and answer session designed to ensure morning session content
- Activity designed to demonstrate the importance of structure in the evaluative process

Introduction Psychometrics Training (Afternoon Session):

Psychometric Properties of Testing & Assessment Instruments

- Review statistical concepts including scales of measurement, measures of central tendency, measures of variability, reliability and validity, etc.
- Review raw scores, transformed scores, and their practical and clinical utility
- Review distribution of test scores and populations relative to a normal distribution
- Review concepts of standardized and non-standardized testing, including norm-referenced and criterion-referenced tests

Psychometrically Guided Assessment, Diagnosis & Treatment Planning

- Review and technically interpret psychometric examples using standardized scores in assessment
- Review and clinically interpret psychometric examples using standardized scores in assessment, diagnosis and treatment planning
- Review principals of using standardized scores for pre-post treatment outcome purposes

Diversity Issues in Psychometrics

- Review issues of age, gender, sexual orientation, ethnicity, language, disability, culture, spirituality, and other factors related to the assessment and evaluation of individuals, groups, and specific populations

Sources of Bias in Psychometrics

- Review nature of bias as it relates to psychometrics in general
- Review how testing historically has reflected cultural biases and contemporary efforts in testing to accommodate different cultural groups
- Review concepts of culture-fair and culture-free testing and assess the extent to which these concepts can be realized in practice
- Review limitations of psychometrics as a general principal and/or philosophy

Psychometry & Mental Health Professionals

- Review characteristics, purposes, and uses of achievement tests, aptitude tests, intelligence tests, neuro-cognitive tests, personality inventories and other measures
- Review major categories, domains or faculties and discuss foundational principals for the clinical utility of specific tests in the measurement of these variables
- Review components of what minimal requirements should be considered when adopting psychometrics into your practice as a licensed professional
- Review Fair Access Coalition on Testing (FACT) qualification system (Level A, B & C)
- Review psychometric reference materials such as the Mental Measurements Yearbook, Pearson and other recognized manufacturers/distributors/resources

Question & Answer Period

- Review major principals discussed throughout the day to ensure assimilation
- Relate statistical aspects of psychometrics to the practical value of information refined from data that informs clinical practice decisions when working with patients
- Review upcoming content contained within more advanced training in psychometrics
- Questions and wrap-up

Psychometrics Training Series - Topics & Objectives (Intermediate):

Intermediate Psychometrics Training (Morning Session):

Review of basic principals' from Introductory Psychometrics Training

- Brief introductions from instructor(s) and participants members
- Brief question and answer session from previous session content

The Decision-Making Process Revisited

- Compare and contrast the decision-making process used in clinical assessment protocols
- Explore methodologies for the selection, administration, and interpretation of tests
- Review case examples to develop or refine an outline or rubric for this process

Review Principals within Psychological, Neuropsychological & Educational Psychometry

- Review major categories, domains or faculties and discuss foundational principals for the clinical utility of specific tests in the measurement of these variables
- Review components of psychometrics and domains covered within various psychological, neuropsychological and educational evaluations
- Review assessments from screenings to comprehensive integrative evaluations
- Review principals used in differential diagnostics and treatment planning

Tests Used in the Mental Health Field

- Examples of psychometric materials will be made available for individuals/groups to choose from for training purposes (participants may also bring personal psychometric tools they wish to have formal instruction on)
 - Inclusive Example:
 - Personality Inventories (MMPI, Millon, PAI, etc.)
 - Projective Techniques (Sentence Completion, HTP, TAT, Rorschach, etc.)
 - Emotional Inventories (Beck Anxiety, Beck Depression, HAM-D, etc.)
 - Behavioral Inventories (CBCL, ADDES-4, Connors, etc.)
 - Attentional Continuous Performance Tests (IVA+, TOVA, Gordon, etc.)
 - Developmental Inventories (GARS-3, Bayley, etc.)
 - Intelligence Testing (WJ-IV, WPPSI, WISC, WAIS, WASI, etc.)
 - Cognitive Testing (MMSE, MOCA, Dean-Woodcock, etc.)
 - Achievement Testing (WIAT, WRAT, etc.)
 - Auditory, Verbal, Non-Verbal & Memory Testing (WMS, RAVLT, CTONI, etc.)
 - Alcohol & Substance Abuse Inventories (MAST, DAST, SASSI, etc.)

Break-out Sessions: Practice Providing, Scoring & Interpreting Psychometrics

- Participants will gain experience and feedback in administering and scoring, as well as begin understanding interpretation and report writing concepts of psychometrics

Morning Session Review & Lunch (Questions, Comments & Discussions)

- Discussion of morning session content to ensure assimilation

Intermediate Psychometrics Training (Afternoon Session):

Continue Break-out Sessions: Practice Providing, Scoring & Interpreting Psychometrics

- Participants will continue gaining experience in administering and scoring, as well as understanding interpretation concepts of psychometrics presented
- Participants will continue to receive feedback in developing a skill-set in administration, scoring, interpretation and report writing principals
- Wrap up introductory exposure to hands-on psychometrics training (Q & A time)

Psychometrics & Electronic Medical Records (EMR): Clinical Assessment Review

- Review EMR and its evolving role in behavioral health and psychometrics
- Review basic integrative EMR documentation formats/examples of clinical assessments
- Complete a biopsychosocial / psychological evaluation including mental status examination, differential diagnosis, recommendations and treatment planning for various common diagnoses using an EMR (putting it all together)
- Participants will select screeners and/or more in depth assessments to be completed individually and/or with a partner prior to (or during) next advanced psychometrics seminar training

Introduce Advancements in Biometrics / Neuro-Psychometrics

- Introduce basic concepts of biometrics or neuro-psychometrics including increasingly used technology in the field of behavioral medicine, i.e. Quantitative Electroencephalography (qEEG), Low Resolution Brain Electromagnetic Tomography (LORETA) & Normative Database Discriminant Analysis (LD, TBI & Predicted I.Q.), etc.
- Review basic integration concepts into psychometrics report writing

Question & Answer Period

- Review major principals discussed throughout the day
- Review upcoming content contained within more advanced seminars in psychometrics

Psychometrics Training Series - Topics & Objectives:

Advanced Psychometrics Training (Morning Session):

Review of Basic Principals from Intermediate Psychometrics Training

- Brief introductions from instructor(s) and participants
- Brief question and answer session
- Outline goals for participants with regard to desired outcomes from intermediate psychometrics seminar and series as a whole (Individualize content accordingly)

Clinical Interpretation of Basic Psychometric Screeners / Assessments

- Review interpretation principals of basic psychometric screeners/assessments as well as more comprehensive evaluations

Review Psychometric Evaluations Proposed / Revised from Previous Seminar

- Participants will complete psychometric assessments from clinical profiles reviewed and selected from intermediate seminar
- Practical experience in the administration, scoring, interpretation, report writing, technical and clinical reviews will continue
- Instructors will provide hands-on and/or individualized assistance as needed

Clinical Report Writing / Synthesis

- Clinical completion of basic reports, review, revisions, recommendations, etc.
- Discussion and case presentation review and revision will follow

Break-out Sessions: Practice Interpreting, Writing & Presenting Psychometric Reports

- Participants will continue to gain experience in interpretation and report writing concepts of psychometrics presented previously in seminar
 - Technical & Clinical Interpretation Principals
 - Diagnostic Summary Incorporating DSM 5
 - Recommendations & Evidenced-Based Interventions
 - Continuity of Care & Appropriate Referrals
- Participants will be provided increasingly detailed feedback in an effort to provide opportunity for developing a skill-set in report writing principals

Morning Session Review & Lunch (Questions, Comments & Discussions)

- Discussion of morning session content to ensure assimilation

Advanced Psychometrics Training (Afternoon Session):

Continue Break-out Sessions: Interpreting, Writing & Presenting Psychometric Reports

- Participants will continue to be provided increasingly detailed feedback in an effort to provide opportunity for developing a skill-set in report writing principals
 - Technical & Clinical Interpretation Principals
 - Diagnostic Summary Incorporation DSM 5
 - Recommendations & Evidenced-Based Interventions
 - Continuity of Care & Appropriate Referrals

Clinical Competencies for Psychometrics in Mental Health

- Review major components of competency for psychometry to be included within your scope of practice as a licensed professional
- Understand principals of “you’re only as good as your supervisor”
- Seeking out supervision/consultation and maintaining competencies
- Discuss ‘putting it all together’ in clinical practice settings (private practice, community mental health, inpatient and/or partial hospitalization settings, etc.)

Updates on Ethical Issues in Testing

- Review guidelines for ethical testing procedures relevant to mental health practice (private practice, managed care, independent medical evaluations, etc.)

Scope of Practice in Mental Health & Psychometry

- Review scope of practice for various mental health professions
- Understand Statutes (Laws) and Rules & Regulations (Interpretation of Laws) for various licensed mental health discipline

Updates on Integrative Behavioral Health & Psychometry (time permitting)

- Review basic principals’ for success in clinical practice
 - Accounting and Legal (corporate formation, general liability insurance, bookkeeping principals, etc.)
 - Business Development (networking, marketing, mergers and acquisitions, etc.)
 - Third Party Reimbursement (insurance paneling, billing principals, etc.)
 - Professional Development (mentorship, professional identity, acumen, etc.)
- Review clinical updates for practicing as a licensed mental health professional
 - Mental Health Parity & Addiction Equity Act (MHPA)
 - National Provider Identification (NPI) number
 - Council for Affordable & Quality Healthcare (CAQH) number
 - International Statistical Classification of Diseases & Related Health Problems, 10th Edition, Clinical Modification (ICD-10-CM)
 - Diagnostic & Statistical Manual for Mental Disorders, 5th Edition (DSM 5)
 - Licensure Portability for Professional Counselors (20/20 Initiative)

Question & Answer Period

- Review major principals discussed throughout the day & closing comments