Psychometrics Training Series:
Introduction, Intermediate & Advanced

Presented by:
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Hosted by:
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18 CEUs awarded by:
National Board for Certified Counselors
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Sponsored by:
Michigan Mental Health Counselors Association
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This psychometrics training series was designed 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 (Saturday) offers another level of training beyond the last (see outline below for details).

Each Saturday will begin by 8:30am and end by 3:30pm (lunch 11:30-12:30pm). Participants will enjoy a culinarian prepared continental breakfast, lunch to order, mid-afternoon snacks & fruit, as well as coffee, tea, water and soft drinks throughout the day (all included in price). An outstanding wine selection and other spirits available. Valet parking is also available.

Cost for this series is $250 per day or $500 for the 3 day series.

Name:
Address:
Contact #:
Email:

Please send to registration to Dr. Deering via email above. You will then receive details for payment (official registration based on securing payment):

Introduction (February 15th, 2014) ______
Intermediate (March 15th, 2014) ______
Advanced (April 5th, 2014) ______
Full Seminar (All days listed above) ______

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Psychometrics Training Series Topics & Objectives:

Introduction to Psychometrics Seminar (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 Foundations of Assessment, Testing and Measurement

- Describe assessment, testing and measurement as general concepts
- Identify and explore the historical roots of testing and assessment (psychometrics) in the measurement of human characteristics
- Review the major areas that psychometric procedures have been applied to in education, mental health, and medicine

The Purposes and Uses of Psychometrics in Mental Health

- Identify testing in relationship to clinical applications
- Review major applications of psychometrics
- Explore methods for assisting patients in understanding psychometric results
- Relate the statistical aspects of psychometrics to the practical value of information refined from test data that informs clinical practice decisions when working with patients
- Review the concept of variation in patient characteristics and discuss the importance of measurement as an informational precursor to clinical decision making
- Differentiate among tests used for measurement in areas related to intelligence, educational achievement, personality, social adjustment, personal adjustment, psychopathology and medicine

Psychometric Properties of Testing & Assessment Instruments

- Identify and explore statistical concepts including scales of measurement, measures of central tendency, indices of variability, shapes and characteristics of data distributions, correlation coefficients, and regression
- Examine the distribution of test scores and populations in terms of the normal curve
- Discuss the concept of reliability, including theory of measurement error, alternate models of reliability, and the use of reliability information
- Discuss the concept of validity, including types of validity, evidence of validity, and the relationship between validity and reliability
- Discuss concepts of standardized and non-standardized testing, including norm-referenced and criterion-referenced tests

The Decision-Making Process

- Describe the decision-making model for psychometrics in mental health

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

- Discussion of morning session content to ensure assimilation
Introduction Psychometrics Seminar (Afternoon Session):

Diversity Issues in Psychometrics

- Discuss 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

- Describe the nature of bias as it relates to psychometrics in general
- Identify how testing historically has reflected cultural biases and contemporary efforts in testing to accommodate different cultural groups
- Discuss the concepts of culture-fair and culture-free testing and assess the extent to which these concepts can be realized in practice

Psychometrics Used in the Mental Health Field

- Identify and describe the characteristics, purposes, and uses of aptitude tests, intelligence tests, achievement tests, career inventories, adaptive functioning tests, perceptual-motor tests, neuro-cognitive tests, personality inventories and other measures
- Review major instruments and discuss foundational principals for the clinical utility of specific tests
- Discuss components of what minimal requirements should be considered when adopting psychometrics into your practice as a licensed professional
- Describe how to use test reference materials such as the Mental Measurements Yearbook, Pearson and other recognized manufacturers/distributors

Review Basic Psychological & Neuropsychological Report Formats

- Discuss and review basic components of report formats for the purposes of exposure and preparation for practice, more advanced seminar trainings, supervision and consultation
- Discuss components of psychometrics covered within various psychological, neuropsychological and educational evaluations
- Clinical review of assessments from screenings to comprehensive integrative evaluations
- Review of principals used in differential diagnostics and treatment planning
- Discuss changes in DSM-V and its impact on psychometrics and diagnostics

Question & Answer Period

- Review major principals discussed throughout the day to ensure assimilation
- Review upcoming content contained within more advanced seminars in psychometrics
- Questions and wrap-up
Psychometrics Training Series Topics & Objectives:

Intermediate Psychometrics Seminar (Morning Session):

Review of basic principals from Introduction Psychometrics Seminar

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

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 provide an outline or rubric for this process

Tests Used in the Mental Health Field

- Review the characteristics, purposes, and uses of aptitude tests, intelligence tests, achievement tests, career inventories, adaptive functioning tests, perceptual-motor tests, neuro-cognitive tests, personality inventories and other measures
- Examples of psychometric materials will be available for group to choose a list of instruments to focus on for training purposes and participant interests
  - Inclusive Example:
    - MMPI Series (MMPI-A, MMPI-2, MMPI-2-RF – Personality Inventories)
    - Projective Techniques (Child / Adolescent & Adult)
    - Beck Inventories (Emotional Inventories – Child & Adult)
    - CBCL Series (Behavioral Inventories – Child / Adolescent)
    - IVA+, TOVA & Gordon (Computerized Continuous Performance Tests)
    - ADDES-3 Inventories (ADHD Inventories)
    - GARS & GADS Inventories (Asperger & Autism Inventories)
    - Dean-Woodcock & WJ-III (Neurocognitive & Educational Batteries)
    - WISC, WAIS & WASI (Intelligence Quotient Tests – Child & Adult)
    - WIAT & WRAT (Achievement Tests)
    - WMS & RAVLT (Auditory, Verbal & Memory Tests)
    - Cognistat, MoCA & MSE (Neurocognitive & Mental Status Examinations)
    - MAST & SASSI (Alcohol & Substance Abuse Inventories)

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

- Participants will gain experience and feedback in administering, taking, scoring and begin understanding interpretation and report writing concepts of psychometrics
  - Technical & clinical interpretation principals
  - Treatment planning & evidence or outcome-based principals

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

- Discussion of morning session content to ensure assimilation
Intermediate Psychometrics Seminar (Afternoon Session):

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

- Participants will continue gaining experience in administering, taking, scoring and understanding interpretation concepts of psychometrics presented
- Participants will continue to be provided feedback in developing a skill-set in report writing principals
  - Technical interpretation principals
  - Clinical interpretation principals
  - Treatment planning principals
  - Evidence or outcomes-based principals
- Wrap up introductory exposure to hands on psychometrics (Q & A time)

Electronic Medical Records (EMR) / Clinical Documentation Review

- Introduce EMR and its evolving role in behavioral health and psychometrics
- Review more advanced functions of integrative EMR documentation
- Review more complex principals of a biopsychosocial assessment / psychiatric evaluation including mental status examination, differential diagnosis, multi-modal recommendations and evidenced-based treatment planning
- Discuss more detailed integrative report writing using EMR for psychometrics, differential diagnoses, and evidenced-based / outcomes-based treatment planning models

Introduce Advancements in Neuro-Psychometrics

- Introduce basic concepts of 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

Psychometrics & EMR: Clinical Assessment Review

- Discuss and review basic integrative EMR documentation formats
- Complete a biopsychosocial / psychiatric evaluation including mental status examination, differential diagnosis, recommendations and treatment planning for various common diagnoses using an EMR
- Review biopsychosocial histories of educational, psychological and neuropsychological clinical cases
- Participants will select screeners and more in depth assessments to be completed by you and your partner prior to (or during) next advanced psychometrics seminar training

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 Seminar (Morning Session):

Review of basic principals from Intermediate Psychometrics Seminar

- 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 overview of 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 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
- Participants will 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 & DSM 5 Diagnoses
  - Recommendations & Evidenced-Based Interventions
  - Continuity of Care & Appropriate Referrals

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

- Discussion of morning session content to ensure assimilation
Advanced Psychometrics Seminar (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 & DSM 5 Diagnosing
  - Recommendations & Evidenced-Based Interventions
  - Continuity of Care & Appropriate Referrals

Clinical Competencies for Psychometrics in Mental Health

- Review of major components of competency for psychometrics to be included within your scope of practice as a professional counselor or like discipline
- Understand principals of “you’re only as good as your supervisor”
- Seeking out supervision and maintaining competencies

Updates on Comprehensive / Integrative Behavioral Health & Psychometrics

- Discuss ‘putting it all together’ in clinical practice settings (private practice, community mental health, hospital setting, etc.)
- Review principals for success in clinical practice (corporate formation, marketing, mergers and acquisitions, “incident to” billing provisions, etc)
- Review core concepts and updates for clinical practice in 2013
  - Mental Health Parity & Addiction Equity Act (MHPA)
  - National Provider Identification (NPI) number
  - Council for Affordable & Quality Healthcare (CAQH) number
  - Insurance Paneling and Application Process
  - Verifying Explanation of Benefits (EOB) Process
  - Testing Pre-Authorization Process, etc
  - Diagnostic & Statistical Manual for Mental Disorders, 5th Edition (DSM 5)

Updates on Ethical Issues in Testing

- Identify major resources related to guidelines for ethical testing processes and procedures relevant to counseling practice
- Examine ethics specifically in relationship to the administration and interpretation of testing for clients as individuals and groups across various measurement areas such as intelligence, personality, and psychopathology

Scope of Practice in Mental Health & Psychometry

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

Question & Answer Period

- Review major principals discussed throughout the day & closing comments