

PSYCHOLOGY 621/694A  
 CLINICAL ASSESSMENT  
 Fall, 2018  
 Mondays, 3:00 P.M. – 6:00 P.M.  
 (AND SOMETIMES WEDNESDAY 4:00-6:45 P.M.)  
 ROOM 321 PSYCHOLOGY  
 (AND SOMETIMES 250 PSYCHOLOGY)

Instructor: John J.B. Allen, Ph.D.  
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 Office Hours: Thursdays 4:00 P.M. – 5:00 P.M.

### **Overview**

The objective of this course is to provide students with a fundamental background in assessment and measurement, and to prepare students to function in clinical assessment settings. This didactic portion of the course (621) will cover those topics that will give students sufficient background, knowledge, and skills to function as an apprentice in an applied setting, to use assessment instruments in research settings, and to construct and evaluate assessment instruments and their application. To that end, this portion of the course will cover the following:

- Diagnosis and differential diagnosis using the DSM-5;
- Psychometric issues associated with inferring a diagnosis from interview, laboratory, or test data;
- Cultural and individual differences in psychological assessment and diagnosis;
- Structured diagnostic interviewing, unstructured clinical interviewing, assessment of suicide risk and mental status;
- Psychometric principles in assessment, test construction, test theory;
- The measurement of intelligence.

For Clinical Psychology Graduate students, the background, administration, and interpretation of specific assessment instruments will be covered in the practicum portion of the course (694a). This course will meet separately on seven occasions during the semester, most of them Wednesday afternoons.

### **Useful Information**

A tentative schedule of topics and readings appears at the end of the syllabus. We will use two books, both of which I recommend purchasing online. The remaining readings will be available as pdf files, available at the class website: [http://jallen.faculty.arizona.edu/psyc621\\_clinical\\_assessment](http://jallen.faculty.arizona.edu/psyc621_clinical_assessment) .

American Psychiatric Association (2013). *Diagnostic and statistical manual of mental disorders: Fifth Edition (DSM-5)*. Washington, D.C.: Author.

Kaplan, R.M., & Saccuzzo, D.P. (2008). *Psychological testing: Principles, applications, and issues, (7th Edition)*. Belmont, CA: Thompson Wadsworth.

Whereas some of the course periods will be predominated by lecture, my pedagogical stance is that learning is enhanced in a participative environment. To that end, each of the students in the class will take responsibility for presenting a synopsis of and leading the discussion concerning selected readings (indicated in the reading list by a bulleted arrow ➤) at various points throughout the semester.

### **Requirements**

Your grade (621) will be determined by a combination of:

- Performance on two exams to cover lecture, discussion, and readings (70%, with 47% from Exam 1 and 23% from Exam 2).
- Performance on a Test Construction, Item Analysis, Reliability, and Validity Exercise (20%).
- Presentation of readings when asked (10%; if you are prepared when asked, you will get the 10%; if you are not prepared, you can lose up to 5% of the total points on each occasion this would happen.)

Your grade for 694a will be determined (pass/fail) by whether or not you complete the required assessments and interviews (see separate syllabus). You will also receive a letter providing a written synopsis of your performance in the practicum.

## Approximate Schedule of Topics and Readings

Please note that unless otherwise indicated, classes meet Monday 3-6 pm in room 321 Psychology.  
Wednesday classes meet 4-6:45 pm in room 250 Psychology.

Class Date	Topics	Readings
27 August	<p>Introductory Esoterica</p> <p>DSM-5: Use of the Manual Schizophrenia and Psychotic Disorders Depressive disorders Bipolar and Related Disorders</p> <p>Phenomenology of Psychosis</p>	<p>American Psychiatric Association (2013). <i>Diagnostic and statistical manual of mental disorders: Fifth edition</i>. Washington, D.C.: Author. (DSM-5), pp. 19-24, 87-122, 155-188, 123-154.</p> <p>Kaplan, B. (1964). <i>The Inner World of Mental Illness</i> (pp.89-115). New York: Harper &amp; Row.</p>
3 September	<b>Labor Day Holiday!</b>	
10 September	<p>DSM-5: Anxiety Disorders, Obsessive-Compulsive and Related Disorders</p> <p>Trauma- and Stressor-Related Disorders</p> <p>Stigmata and Labeling Proliferation of Disorders and the DSM-5</p>	<p>DSM-5, pp. 189-234, 235-264, 265-290.</p> <p>➤ Rosenhan, D.L. (1973). On being sane in insane places. <i>Science</i>, 179, 250-258.</p> <p>Regier, D.A., Narrow, W.E., Kuhl, E.A., &amp; Kupfer, D.J. (2009). The conceptual development of DSM-V. <i>American Journal of Psychiatry</i>, 166, 645-650.</p> <p>Frances, A. (2009). Whither DSM-V? <i>The British Journal of Psychiatry</i>, 195, 391-392.</p> <p>➤ Widiger, T.A., &amp; Crego, C. (2015). Process and Content of DSM-5. <i>Psychopathology Review</i>, 2, 162-176.</p>
17 September	<p>DSM-5: Dissociative Disorders, Somatic Symptom and Related Disorders</p> <p>Disruptive, Impulse-Control, and Conduct Disorders</p> <p>Substance-Related and Addictive Disorders</p> <p>Reliability of DSM-5 Prevalence of Disorders RDoC as an alternative to DSM</p>	<p>DSM-5, pp. 291-308, 309-328, 461-480, 481-590 (skimming specific substances).</p> <p>➤ Freedman, R., Lewis, D.A., Michels, R., et al. (2013). The Initial Field Trials of DSM-5: New Blooms and Old Thorns. <i>American Journal of Psychiatry</i>, 170, 1-4.</p> <p>Kessler, R.C., Berglund, P, Demler, O., Jin, R., &amp; Walters, E.E. (2005) Lifetime prevalence and age-of-onset distributions of DSM-IV disorders in the national comorbidity survey replication. <i>Archives of General Psychiatry</i>, 62, 593-602.</p> <p>➤ Cuthbert, B., &amp; Insel, T. (2013). Toward the future of psychiatric diagnosis: the seven pillars of RDoC. <i>BMC Medicine</i>, 11:126, <a href="http://www.biomedcentral.com/1741-7015/11/126">http://www.biomedcentral.com/1741-7015/11/126</a></p>
24 September	<p>DSM-5: Neurocognitive Disorders Neurodevelopmental Disorders Feeding and Eating Disorders Elimination Disorders Sleep-Wake Disorders (Insomnia)</p> <p>The Prototype Approach to Diagnosis Pros and Cons of RDoC</p>	<p>DSM-5, pp. 591-644, 31-86, 329-354, 355-360, 361-368.</p> <p>➤ Cantor, N., Smith, E.E., deSales French, R., &amp; Mezzich, J. (1980). Psychiatric diagnosis as prototype categorization. <i>Journal of Abnormal Psychology</i>, 89, 181-193.</p> <p>Heckers, S. (2015). The Value of Psychiatric Diagnosis. <i>JAMA Psychiatry</i>, 72, 1165-1166.</p> <p>➤ Yee, C.M., Javitt, D.C., &amp; Miller, G.A.. (2015). Replacing DSM categorical analyses with dimensional analyses in psychiatric research. <i>JAMA Psychiatry</i>, 72, 1159-1160.</p> <p>➤ Weinberger, D.R., Glick, I.D., &amp; Klein, D.F. (2015). Wither Research Domain Criteria (RDoC)? The Good, the Bad, and the Ugly. <i>JAMA Psychiatry</i>, 72, 1161-1162.</p> <p>Kraemer, H.C. (2015). Research Domain Criteria (RDoC) and the DSM – Two Methodological Approaches to Mental Health Diagnosis. <i>JAMA Psychiatry</i>, 72, 1163-1164.</p>

Class Date	Topics	Readings
26 September <b>Wednesday</b>	DSM-5: Sexual Dysfunctions Gender Dysphoria Paraphilic Disorders Personality Disorders  Conceptual and psychometric issues in diagnosis: The role of cultural and individual differences	DSM-5: 423-450, 451-460, 685-706, 645-684. ➤ Clark, L.A., Cuthbert, B., Lewis-Fenández, R., Narrow, W.E., & Ward, G.M. (2017). Three Approaches to Understanding and Classifying Mental Disorder: ICD-11, DSM-5, and the National Institute of Mental Health's Research Domain Criteria (RDoC). <i>Psychological Science in the Public Interest</i> , 18, 72-145. Blashfield, R.K., Keeley, J.W., Flanagan, E.H., & Miles, S.r. (2014). The cycle of classification: DSM-I Through DSM-5. Annual Review of <i>Clinical Psychology</i> , 10, 25-51
1 October	Conceptual and psychometric issues in diagnosis: Positive Predictive Power and many other related concepts; To D, or not to D	➤ Meehl, P.E., & Rosen, A. (1955). Antecedent probability and the efficacy of psychometric signs, patterns, or cutting scores. <i>Psychological Bulletin</i> , 52, 194-216.
8 October	Conceptual and psychometric issues in diagnosis: ROC curves	➤ Somoza, E., & Mossman, D. (1991). Neuropsychiatric decision making: making: Designing nonbinary diagnostic tests. <i>Journal of Neuropsychiatry</i> , 3, 197-200. ➤ Mossman, D. & Somoza, E., (1991). ROC curves, test accuracy, and the description of diagnostic tests. <i>Journal of Neuropsychiatry</i> , 3, 330-333. ➤ Somoza, E., & Mossman, D. (1991). ROC curves and the binormal assumption. <i>Journal of Neuropsychiatry</i> , 3, 436-439.
15 October	<b>Exam #1</b>	
22 October	The Mental Status Exam MMSE The unstructured interview Assessor qualifications Special Populations	Nurcombe, B. & Gallagher, R.M. (1986). The mental status examination. In B. Nurcombe & R.M. Gallagher, <i>The clinical process in psychiatry: Diagnosis management and planning</i> (pp. 144-189). Cambridge University Press. Turner, S.M., DeMers, S.T., Fox, H.R., & Reed, G.M. (2001). APA's guidelines for test user qualifications. <i>American Psychologist</i> , 56, 1099-1113.
24 October <b>Wednesday</b>	Measurement Concepts Item Analysis  Suicide Assessment	➤ Mann, J.J., Apter, A., Bertolote, J., et al. (2005). Suicide prevention strategies: A systematic review. <i>Journal of the American Medical Association</i> , 294, 2064-2074. Swanson, J.W., Bonnie, R.J., & Appelbaum, P.S. (2015). Getting serious about reducing suicide: More "how" and less "why." <i>JAMA</i> , 314, 2229-2230. ➤ Meichenbaum (2005) "35 years of working with suicidal patients : Lessons learned" <i>Canadian Psychology</i> , 46, 64-72. Kaplan, R.M., & Saccuzzo, D.P. (2008). <i>Psychological Testing</i> . Chapters 1, 2, 3. ➤ Beck, J.G., Castonguay, L.G., Chronis-Tuscano, A., Klonsky, E.D., McGinn, L.K., & Youngstrom, E.A. (2014). Principles for training in evidence-based psychology: Recommendations for the graduate curricula in clinical psychology. <i>Clinical Psychology Science and Practice</i> , 21, 410-424.
29 October	More Measurement Concepts Item Response Theory, and application to test bias Reliability	Kaplan, R.M., & Saccuzzo, D.P. (2008). Chapters 4 & 5. ➤ Campbell, D.T., & Fiske, D.W. (1959). Convergent and discriminant validation by the multitrait-multimethod matrix. <i>Psychological Bulletin</i> , 56, 81-105. Sechrest, L. (2005). Validity of measures is no simple matter. <i>Health Services Research</i> , 1584-1604.
5 November	<b>No class (rescheduled)</b>	
12 November	<b>Veterans' Day Holiday -- No class (rescheduled)</b>	
19 November	More Reliability Validity Issues in Assessment I	Kaplan, R.M., & Saccuzzo, D.P. (2008). Chapter 6. ➤ Forer, B.R. (1949). The fallacy of personal validation: A classroom demonstration of gullibility. <i>Journal of Abnormal and Social Psychology</i> , 44, 118-123. ➤ Hyman, R. (1989). "Cold Reading": How to convince strangers that you know all about them. In R. Hyman, <i>The Elusive Quarry: A scientific appraisal of psychical research</i> . Buffalo: Prometheus Books. American Psychological Association (2014). <i>Standards for Educational and Psychological Testing</i> . Washington, D.C.: Author. Pages TBD.

Class Date	Topics	Readings
26 November	Test Theory Issues in Assessment II	<ul style="list-style-type: none"> <li>➤ Dawes, R.M., Faust, D., &amp; Meehl, P.E.(1989). Clinical versus actuarial judgment. <i>Science</i>, 243, 1668-1674.</li> <li>Lilienfeld, S.O., Wood, J.M., &amp; Garb, H.N. (2000). The scientific status of projective techniques. <i>Psychological Science in the Public Interest</i>, 1, 27-66.</li> </ul>
3 December	Test Theory Issues in Assessment III	<ul style="list-style-type: none"> <li>➤ Chapman, L.J., &amp; Chapman, J.P. (1978). The measurement of differential deficit. <i>Journal of Psychiatric Research</i>, 14, 303-311.</li> <li>➤ Chapman, L.J., &amp; Chapman, J.P. (1969). Illusory correlation as an obstacle to the use of valid psychodiagnostic signs. <i>Journal of Abnormal Psychology</i>, 74, 271-280.</li> </ul>
5 December <b>Wednesday</b>	Issues in Intelligence Testing	<ul style="list-style-type: none"> <li>➤ Jensen, A.R. (1980). Précis of "Bias in mental testing." <i>Behavior and Brain Sciences</i>, 3, 325-371.</li> <li>➤ Devlin, B. Daniels, M., &amp; Roeder, K. (1997). The heritability of IQ. <i>Nature</i>, 388, 468-471.</li> <li>➤ Johnson, W. (2010). Understanding the Genetics of Intelligence: Can Height Help? Can Corn Oil? <i>Current Directions in Psychological Science</i>, 19, 177-182.</li> <li>➤ Neisser, U., Boodoo, G., Bouchard, T.J., Boykin, A.W., Brody, N., Ceci, S.J., Halpern, D.F., Loehlin, J.C., Perloff, R., Sternberg, R.J., &amp; Urbina, S. (1996). Intelligence: Knowns and unknowns. <i>American Psychologist</i>, 51, 77-101.</li> <li>➤ Tucker-Drob, E.M., Rhemtulla, M., Harden, K.P., Turkheimer, E., &amp; Fask, D. (2011). Emergence of a Gene x socioeconomic status interaction on infant mental ability between 10 months and 2 years. <i>Psychological Science</i>, 22, 125-133.</li> <li>➤ Kuncel, N.R., &amp; Hezlett, S.A. (2010). Fact and Fiction in Cognitive Ability Testing for Admissions and Hiring Decisions. <i>Current Directions in Psychological Science</i>, 19, 339-345.</li> </ul>
10 December	Final Exam (3:00-5:00 p.m.) Data Exercise Due	

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***Other rather useful information in the form of unsolicited advice for first-year students, in no particular order of importance, to be discussed after we discuss the syllabus:***

- ✓ Useful Reference Materials to Obtain for Clinical Assessment
  - ✓ Medical Dictionary (pocket version or download an Android or iPhone app)
  - ✓ UpToDate Access free: [ahsl.arizona.edu/uptodate](http://ahsl.arizona.edu/uptodate)
  - ✓ MMPI-2 interpretation book (e.g., Interpreting the MMPI-2-RF, Ben-Porath)
  - ✓ WAIS-IV interpretation book (e.g., Essentials of WAIS-IV Assessments; e.g., Lichtenberger & Kaufman)
- ✓ Join Professional Societies while a student
- ✓ Attend Professional Meetings
- ✓ Use a reference manager (e.g., Endnote or Mendeley or Zotero or similar)
- ✓ Start documenting clinical hours now, rather than waiting until right before the application deadline in your fourth year, when you'd have to reconstruct your first year by going back to reports (if you have them) or to loose scraps of paper with scribbles and circles and arrows and a paragraph on the back of each one explaining what each one was. Visit the APPIC website to see what is required, or use TimeToTrack tool to track your hours: <https://time2track.com>. Note that APPIC stresses integrative reports, which you will begin to write late this semester.
- ✓ Be sure to have (or develop) a hobby!