

Hearing and Speech Department

**SPLH 846 - LANGUAGE IMPAIRMENTS OF ADULTS**

Fall Semester, 2009

(2 credits)

Time: 1:15 p.m. - 2:55 p.m., Mondays and Wednesdays

Dates: 10-19-09 to 12-09-09

Place: not consistent - could be 3001 Miller, 1023 Orr Major, other locations

Instructor: Susan T. Jackson, Ph.D., Room 3021, H.C.  
Miller Bldg., (913) 588-5937

Office Hours: Dr. Jackson will be available by appointment on Monday, Wednesday, and Friday at mutually convenient times.

Course Description: Neurological aspects of language processes, classification of aphasia, characteristics of right hemisphere syndrome, and assessment of language deficits are discussed. Management approaches including intervention strategies and rehabilitation are also considered.

Course Objectives: To provide a basic understanding of anatomy and physiology of the central nervous system, to give students a working knowledge of communicative impairments associated with focal neurological damage, and to familiarize students with assessment tools for appraisal of such communication disorders, therapeutic approaches, and treatment efficacy and goals.

**Performance Expectations and Grading Criteria:**

1. Midterm exam - November 11

2. Final exam - \*December 16 (10:30 - 1:00 pm). There will be no make-up exam unless I have an acceptable reason from you for missing the exam. For any reason other than illness, you must contact me one week before the exam is scheduled. For illness, you may contact me as late as the morning of the day the exam is given. \*To change the date/time, we must have unanimous agreement about a new date/time.

2. Four assignments (due Oct 28, Nov 9, Nov 23, Dec 7)

The midterm exam and the final exam will be worth 30% of your grade. Each assignment will be worth 10% of your grade. Your final percentage score will be converted to a grade using the following scale:

A = 94-100, A- = 90-93, B+ = 87-89, B = 83-86, B- = 80-82, C+ = 77-79, C = 73-76, B- = 70-72, D+ = 67-69, D = 63-66, D- = 60-62, F = <60

### Course Readings

LaPointe, L.L. (2005). Aphasia and related neurogenic language disorders (3rd ed.). New York, NY: Thieme.

-other readings as assigned

### Topic Outline and Textbook/Additional Reading Assignments

- 1) October 19: Neuroanatomy
- 2) October 21: The Neurologic Examination, Neuropathology of Aphasia
  - LaPointe, chapter 2
  - Shuster, L.I. (2007). Clinical Brain Scanning: An update. SID-2 article.
  - Friedman, R., & Lott, S. N. (September 2007). Researchers investigate neural basis for aphasia recovery. ASHA Leader.
- 3) October 26: Neuropathology of Aphasia, History of Aphasia, Billing and Reimbursement Issues, ICF Framework
  - LaPointe, chapter 1
  - Threats, T. (2004). The use of the ICF in intervention for persons with neurogenic communication disorders. SID-2 article.
- 4) October 28: Broca's Aphasia: Characteristics
  - LaPointe, chapter 8, pgs 117-128
  - Gordon, J. K. (2005). Associations and dissociations: An investigation of lexical access deficits in agrammatism and anomia. SID-2 article.
- 5) November 2: Broca's Aphasia: Evaluation
  - LaPointe, chapter 8, pgs 128-132
  - Nicholas, L.E., & Brookshire, R.H. (1993b). JSHR, 36, 338-350.
- 6) November 4: Broca's Aphasia: Treatment
  - LaPointe, chapter 8, pgs 132-137
  - Wertz, R.T. et al. (1986). Comparison of clinic, home, and deferred language treatment for aphasia: A Veterans Administration cooperative study. Archives of Neurology, 43, 653-658.
  - Wertz, R.T. (2005). Department of Veterans Affairs cooperative studies on aphasia revisited. SID-2 article.
  - Raymer, A. (June 19, 2007). Gestures and words: Facilitating

recovery in aphasia. ASHA Leader.

- 7) November 9: Wernicke's Aphasia  
-LaPointe, chapter 9
- 8) November 11: Midterm Exam
- 9) November 16: Conduction Aphasia  
-LaPointe, chapter 10  
-Raymer, A.M., et al. (2007). Neuroplasticity and aphasia: Lessons from constraint-induced language therapy. SID-2 article.
- 10) November 18: Anomia  
-LaPointe, chapter 5  
-Kiran, S., & Bassetto, G. (2008). Evaluating the effectiveness of semantic-based treatment for naming deficits in aphasia: What works? Seminars in speech and language, 29, 71-82.
- 11) November 23: Global Aphasia  
-LaPointe, chapter 12  
-Lasker, J.P., & Garrett, K. (2006). Using the Multimodal Communication Screening Test for persons with aphasia (MCST-A) to guide the selection of alternative communication strategies for people with aphasia. Aphasiology, 20, 217-232.  
- Garrett, K.L. , & Lasker, J.P. & (2007). AAC and severe aphasia - Enhancing communication across the continuum of recovery. SID-2 article.
- \* November 25: Thanksgiving Holiday (no class)
- 12) November 30: Case histories (no readings)
- 13) December 2: Right Hemisphere Damage (characteristics)  
-LaPointe, chapter 14, pgs 214-220  
-Blake, M.L. (2006). Clinical relevance of discourse characteristics after right hemisphere brain damage. AJSLP, 15, 255-267.  
-Tompkins, C. A. (2008). Theoretical considerations for understanding "understanding" by adults with right hemisphere brain damage. SID-2 article.  
-Leon, S.A., & Rodrigues, A.D. (2008). Aprosodia and its treatment. SID-2 article, pages 66-69 only)  
-Arene, N., & Hillis, A.E. (2008). Translation research for the rehabilitation of left spatial neglect and associated disorders of attention in stroke patients. SID-2 article, pages 55-59 only)

- 14) December 7: Right Hemisphere Damage (evaluation)  
-LaPointe, chapter 14, pgs 220-221  
-Myers, chapter 8  
-Leon, S.A., & Rodrigues, A.D. (2008). Aprosodia and its treatment. SID-2 article, page 66 only - assessment section)  
-Arene, N., & Hillis, A.E. (2008). Translation research for the rehabilitation of left spatial neglect and associated disorders of attention in stroke patients. SID-2 article, pages 59-60 only - diagnoses section)
- 15) December 9: Right Hemisphere Damage (treatment)  
-LaPointe, chapter 14, pgs 221-222  
-Myers, chapter 9  
-Blake, M.L. (2007). Perspectives on treatment for communication deficits associated with right hemisphere brain damage. AJSLP, 16, 331-342.  
-Leon, S.A., & Rodrigues, A.D. (2008). Aprosodia and its treatment. SID-2 article, pages 69-71 only - treatment section)  
-Arene, N., & Hillis, A.E. (2008). Translation research for the rehabilitation of left spatial neglect and associated disorders of attention in stroke patients. SID-2 article, pages 60-62 only - treatment section)
- December 16: Final exam (10:30 a.m. - 1:00 p.m.)

Learning assistance, academic performance enhancement, and psychological services at KUMC are free, confidential, and available at Student Counseling & Educational Support Services by calling 913-588-6580 or visiting G116 Student Center.

Any student in this course who, because of a disability, needs an accommodation in order to complete the course requirements should contact the instructor or the ADA/504 Coordinator (913-588-7813, TDD: 913-588-7963).

Assignments 1, 2, and 3 may be used as portfolio artifacts; Assignment 4, the mid-term exam, and the final exam may not be used as portfolio artifacts.

Any student who does not understand and/or accept the contents and terms of this syllabus must notify the instructor verbally and in writing within one week after receiving this syllabus.