



PSYCHIATRY CLERKSHIP REVIEW



REVIEWERS

- Primary Reviewers
 - Birmingham – Terrence Shaneyfelt, M.D.
 - Huntsville – Daniel Avery, M.D.
 - Tuscaloosa – Kevin Leon, M.D.
- Secondary Reviewers
 - J. Michael Wells, M.D
 - Dwight Hooper, M.D.
 - Harris Reynolds MS IV
 - Kevin Green MS IV
- Clerkship Directors
 - Birmingham – Andree Stoves, M.D.
 - Huntsville – Anupama Yedla, M.D
 - Tuscaloosa – Lloyd Williamson, M.D.



Birmingham Psychiatry

- Students assigned to one clinical service
 - 5- Adult Inpatient, 1 Adult Outpatient, 1 Geriatric, 1 Adolescent, 1 consult
- Spend 8 hours a day on clinical services
- 21 hours “on call” in Psychiatry ER/consult
- 4 hours visiting patients in their homes with the Community Mental Health Service
- 4 hours in Outpatient Clinic
- 5 hours in State Mental Hospital
- Didactics 1-3 hours daily
- 5 small group discussion sessions – provided with recent journal articles and a case



Huntsville Psychiatry

- Student rotations
 - Inpatient rounds
 - Inpatient consultations
 - Outpatient clinics at UAB and Madison County Mental Health Center
- During inpatient rotations
 - Students are required to follow at least 3 patients daily
- Opportunity to work with child psychiatrist



Tuscaloosa Psychiatry

- Integrated with the Neurology clerkship over 8 weeks
 - 2.5 days of Psychiatry per week
 - 2.5 days of Neurology per week
- Student rotations
 - ½ inpatient VAMC and then outpatient VAMC/ or WOW (Working On Womanhood) Juvenile Detention Program
 - ½ inpatient Bryce and VAMC Outpatient
 - Added 4.5 hours “on call” at Tuscaloosa Co. Jail
- Didactics weekly – eight 2.5 hour sessions
- 6 PBL sessions (2.5 hours in duration)
 - Students have assignments for the presentations that they research and present to the other students on the clerkship



CONTENT AND METHODS OF INSTRUCTION (Strengths of the Clerkship)



Variety of Learning Experiences

- **Birmingham**
 - Patient home visits, outpatient clinic, State Mental Health hospital
 - One morning observing ECT
 - Weekly case conference – live patient interview followed by discussion
- **Huntsville**
 - Inpatient and outpatient clinics
 - Added ER to the rotation
 - Added another site rotation – Group home for boys
- **Tuscaloosa**
 - All students do outpatient **and outpatient** clinics
 - Collegiate recovery program **1 hour per rotation**
 - **Added WOW (Working On Womanhood) Education & Treatment Program with multidisciplinary meeting**
 - **All students have child psychiatry experience**



Instruction in Communication Skills (Teaching and Counseling)

- **Birmingham**
 - All students are required to participate in at least one family meeting – signed off by attending
- **Huntsville**
 - Outpatient setting – work closely with attending. Feedback is provided instantly after each encounter
 - Take part in treatment team and group therapy sessions
 - Take part in family meetings
- **Tuscaloosa**
 - Students work 1:1 with attendings and get immediate feedback



Instruction in total medical needs of patients including social and cultural aspects of care

- Work as part of an interdisciplinary team including M.D.s, CRNPs, R.N.s, social workers, occupational therapy, and psychologists
- Student write ups include a “cultural formulation” section



CONTENT AND METHODS OF
INSTRUCTION
(Area for Improvement)



Patient Encounters

- Across all 3 campuses, students care for patients with a wide variety of psychiatric disorders. The following are disorders not commonly seen by students on all campuses.
 - Sexual and identity disorders
 - Factitious disorders
 - Eating disorders
 - Dissociative disorders



METHODS OF ASSESSMENT



Supervision of Students

- **Birmingham**
 - Required to perform at least one full History and Physical under direct supervision of the resident or attending
- **Huntsville**
 - Work 1:1 with attending
- **Tuscaloosa**
 - Work 1:1 with attending physician



Patient Write Ups

- Birmingham
 - Required to have 2 write ups reviewed by their supervisor
- Tuscaloosa
 - Patient write ups (2) are graded by the same attending for all students
 - Independent study integrated papers (1) (– graded by the same attending



Formative and Summative Feedback

- **Birmingham**
 - UASOM Mid-Clerkship feedback form
- **Huntsville**
 - Feedback is provided by attending immediately after each patient visit
 - Feedback is provided after the oral exam
- **Tuscaloosa**
 - Each student receives written mid-rotation feedback from 2 attending physicians
 - Feedback is provided after the oral exam



Variety of Methods of Assessment

- NBME shelf exam
- Oral exam
- Patient logs (Birmingham and Tuscaloosa)
- Clinical Performance ratings by preceptors
- Performance in group discussion (Birmingham)



STUDENT OUTCOMES



Psychiatry Clerkship Scores Across Campuses (Average from 2011-2013)

	Birmingham	Huntsville	Tuscaloosa
Clinical Performance	92.6	90.9	91.8
NBME	76.9	78.3	76.9
Oral Exam	92.8	91.7	91.2
Raw Score	90	89.6	89.5




Honors Criteria

- Clinical Honors
 - **Birmingham** – 100% Honors boxes checked by faculty and oral exam 90 or higher
 - **Huntsville** and **Tuscaloosa** – committee decision
- NBME Honors
 - 50th percentile or higher/ raw score of 76 or higher



Senior OSCE scores by campus

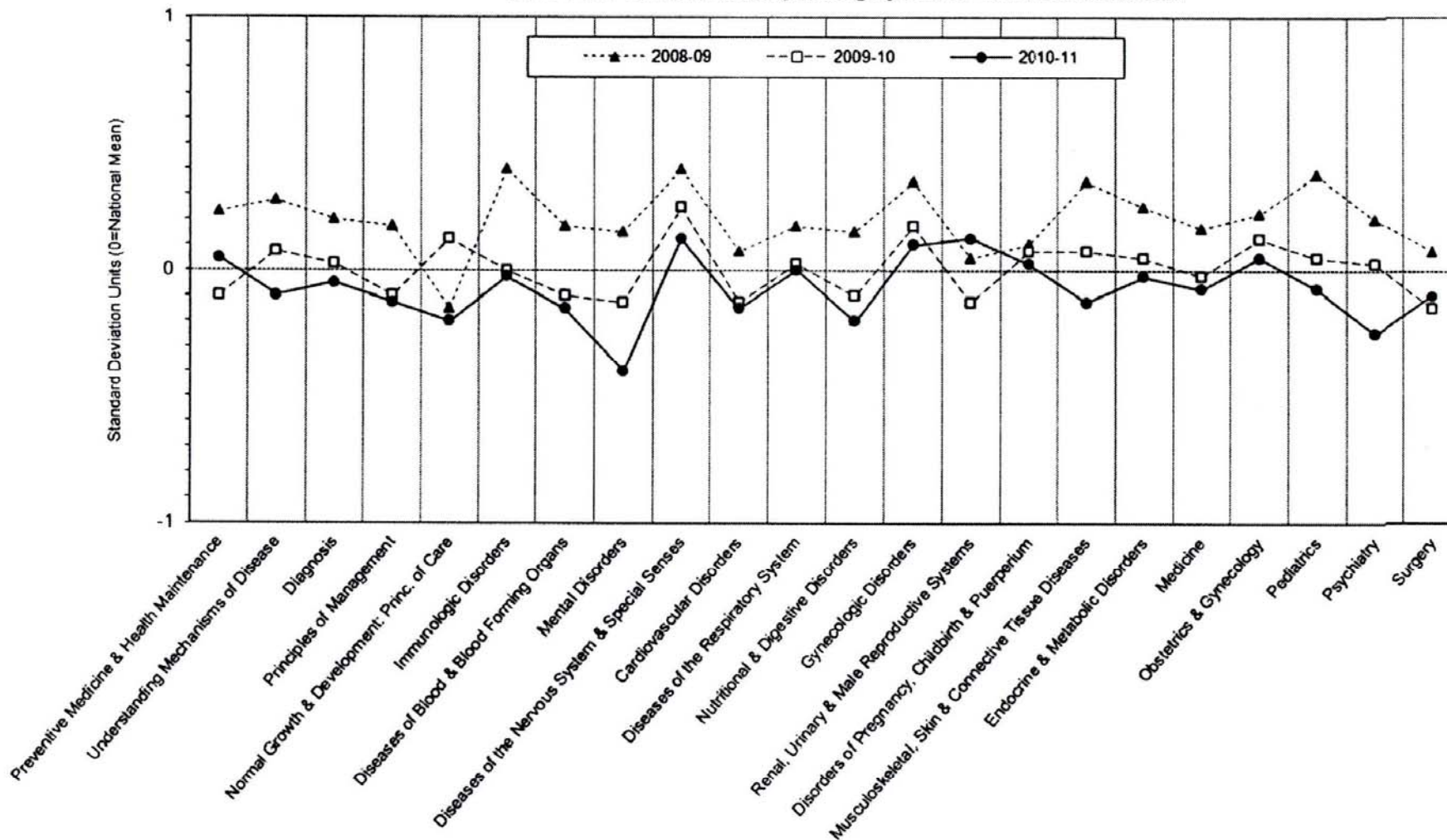
- Geriatric Depression
 - Birmingham – 88
 - Huntsville – 87
 - Tuscaloosa – 88



NBME exam 8/1/10 to 7/31/11

- Means in individual areas below the national average in most areas except:
 - Mechanisms of disease
 - **Tuscaloosa** – child psychiatry

Table 1-4.1d USMLE Mean Step 2 Category Scores - UAB SOM vs. National



Note: Because many of the scores are based on a relatively small number of items, differences smaller than a few tenths of a SD are not likely to be meaningful. In addition, because Step 2 CK test material is deliberately designed to be integrative with many items contributing to calculation of more than one score category, caution should be used in attributing mean differences in student performance to individual clerkships.

Table 1-4.1e Graduates Entering Psychiatry Residency by Campus and Year

NRMP Year*	Percent of Class				n			
	B	H	T	Total	B	H	T	Total
2008	3.1%	0.6%	0.0%	3.8%	5	1	0	6
2009	2.5%	0.0%	0.6%	3.1%	4	0	1	5
2010	1.2%	0.6%	0.6%	2.4%	2	1	1	4
2011	0.6%	1.2%	0.0%	1.9%	1	2	0	3
2012	1.7%	0.0%	0.0%	1.7%	3	0	0	3
Total	1.8%	0.5%	0.2%	2.6%	15	4	2	21

* Year graduates entered residency Match

Student Evaluations

	Birmingham	Huntsville	Tuscaloosa	
Organization	7.2-7.8	7.5-8.3	6.3-7.6	
Content	5.7-7.5	7.3-8.0	6.3-7.0	
Overall impact of clerkship	6.5-7.3	7.6-8.3	6.7-7.2	
Overall	6.4-7.0	7.7-7.8	6.5-6.9	

Note: Huntsville – no student evaluation data available from January to April



Student Evaluations

- Grading and examinations
 - Highly satisfactory
- Faculty and Residents
 - Viewed as excellent at all 3 campuses



Student Comments

- Across all campuses, scored low on “How well did first two years prepare you for the clerkship?”
 - Birmingham – 5.5
 - Huntsville – 5.8
 - Tuscaloosa – 5.4

Specific Student Recommendations for Improvement

- **Birmingham**
 - **Concern:** Students are assigned to a single clinical service for their entire rotation
 - Students would like more outpatient exposure (suggested two 2 week blocks)
- **Tuscaloosa**
 - **Concern:** Switching back and forth between Neurology and Psychiatry
 - 2.5 days of psychiatry per week
 - 2.5 days of Neurology per week
 - NBME exam – during the 8th week
 - Neurology – Tuesday
 - Psychiatry – Friday
 - Dr. Williamson's response – **students are able to see diverse patient populations at various sites and see psychiatrists function in various roles; none of the sites, (university or community) can maintain students all day, for 5 days of the week**



What We Can Learn From Each Other



Tuscaloosa Clerkship

- The medical student log:
 - Notes activities with place for attending to initial and date when completed
 - Each activity is linked to the corresponding clerkship objective that the activity addresses



Huntsville Clerkship

- Standardization of the oral exam:
 - Examiners ask identical questions of the students
 - The answers are assigned point values
 - They have done inter-rater reliability by two examiners sitting in together and checking their scores and giving feedback to each other



Birmingham Clerkship

- **Patient Exposure:**

- Students are regularly queried about their patient exposures. Any student who is having difficulty interacting with patient's of a certain demographic are asked to the notify the clerkship director, who then arranges for the student to make rounds for 1-3 days with a different clinical team.