# Summary of Findings and Exploration of Data Analysis of Relationship between Tiered vs. Pass/Fail Clerkship Grading for UIM vs. Not UIM Students and Acting Internship Grades

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**Primary Evaluation Question**: Were changes to the grading policy in the clerkship year from tiered to pass/fail (P/F) grading related to greater equity for UIM students in grades received during the acting internship (Honors, Pass, Fail) in year 4 of medical school?

*Hypothesis*: The P/F grading policy changes (compared to the tiered grading policy) in the clerkship year were related to equity in acting internship grades received by UIM students.

#### **Executive Summary**

Not UIM students who completed their clerkships when the P/F grading policy was in place were more likely to receive *acting internship honors* compared to UIM students whereas there were no differences in acting internship honors received for UIM and not UIM students who complete their clerkship with the tiered grading policy in place (tiered = 2016-2017, 2017-2018, 2018 and P/F=2019, 2020, and 2021). Significant differences were no longer existent when we included *Step 2 CK scores* in the model as a covariate indicating, similar to, the Amplification Cascade project that assessment of medical knowledge is one of the factors accountable for these differences.

Since these findings in acting internship grades were not aligned with our hypothesis, we explored additional data to explore if there were factors influencing these results. We learned that there were differences in assessed outcomes between the tiered and P/F grading groups favoring not UIM learners in the following assessments: *MCAT percentile, Essential Core/Medical Knowledge Examination, Step 1 and Step 2 CK Examination scores. Step 1 and Step 2 CK* pass rates were equivalent for UIM and not UIM learners in the tiered group. However, *Step 1 and Step 2 CK pass rates* were significantly higher for not UIM students in the P/F group.

In the tiered clerkship grading group, there were *clerkship exam differences* favoring not UIM students in all except Neurology and ObGyn 110. In the P/F clerkship grading group, there were clerkship exam differences favoring not UIM students in all except Pediatrics and ObGyn 110.

The lack of significant differences in the acting internship grades between UIM and not UIM students in the tiered grading group was an unexpected finding that we needed to explore further. In our original research on the Amplification Cascade we observed significant differences in acting internship grades between UIM and not UIM students when the clerkship grading policy was tiered. We then asked whether there were differences in the tiered grading group we were using in this analysis compared to prior cohorts of tiered grading. To answer this question we examined data from 3 earlier student cohorts who completed the clerkship between 2013 and 2015. Comparison of acting internship grades with inclusion of 3 earlier cohorts who also completed tiered graded clerkship cohorts (2013-2014, 2014-2015, 2015-2016) showed that acting internship honors grades favored not UIM learners. These findings were similar to what we observed in the cohorts who completed the P/F clerkship model. We then asked the following questions?

Was there a change in how acting internship grades were awarded for the students who
completed the clerkships in the tiered grading model between 2016-2018? Acting internship
leadership was transitioned to a new course leader in 2018. While we do not know if there were
differences in how grades were awarded, the number of honors awarded in the acting internship
were at approximately 70-79% in all years of the study.

2. Was there a difference in the profile of UIM or not UIM students who completed the clerkships in the tiered grading model between 2016-2018? Given the lack of differences between UIM and not UIM student Step 1 and Step 2 CK pass rates in the tiered grading group (in contrast to observed differences in the P/F clerkship grading policy group) this is the most plausible explanation. Closer analysis indicated that in this tiered grading group, there were no differences in acting internship and almost all clerkship grades between UIM and not UIM students who completed the clerkships in 2017-2018 and 2018.

In summary: The students who completed clerkships when tiered grading clerkships were completed in 2016 through 2018 (primarily the two cohorts between 2017 and 2018) were different from prior cohorts who completed the clerkships in that grading model. Given this unexpected finding, we cannot determine if the clerkship grading policy was related to acting internship grades. Based on grades received from earlier cohorts of students who had the tiered grading policy, our hypothesis is that it likely that the clerkship grading policy did not influence the acting internship grades to create greater equity.

Detailed findings and tables below provide detailed information.

#### **Detailed Findings**

#### **Demographic summary**

A total 974 students in the UCSF School of Medicine were included in the analysis (*note total student numbers vary by available outcome data*). Student data were selected to be included based on two criteria (1) when students completed their clerkship year 2016-2017 (tiered), 2017-2018 (tiered), 2018 (tiered), 2019 (P/F), 2020 (P/F), and 2021 (P/F) (Table 1) and (2) if students completed some clerkships in the tiered and some in the P/F model students were based in the grouping in which they completed most of their clerkships in (5 or more clerkships in one grading model). Most students N=712 (73.1%) included in the analysis have graduated (Table 2). 527 (54.2%) of the students in the participants identify as women and 317 (24.4%) as UIM (Table 3).

#### **Analysis of Data to Answer Primary Evaluation Question**

In the tiered grading model (N=461), 223 (71.0%) of not UIM students received an Honors grade and 96 (65.3%) UIM students received an Honors grade which was not significantly different (p=.2) (Table 4). In the P/F clerkship grading model (N=421), 219 (79.1%) of not UIM students received an Honors grade and 98 (68.1%) UIM students received an Honors grade which was significantly different (p=.01) (Table 5). Closer analysis indicated that in tiered grading group, there were no differences in acting internship and almost all clerkship grades between UIM and not UIM students who completed the clerkships in two of the three cohorts: 2017-2018 and 2018 (data not displayed).

Acting internship clerkship director ratings favoring not UIM students were seen for students who completed the tiered grading model in history taking, record keeping, and self-improvement (Table 6) and the P/F grading model in attributes and responsibilities, fund of knowledge, history taking, problem solving, record keeping, and self improvement (Table 7). When Step 2 CK score is entered into the model for both groups of students, significant differences between UIM and not UIM students are no longer present.

#### **Further Exploration**

We explored a series of other assessed outcomes for the tiered and P/F clerkship grading models to provide context for these findings. We saw differences in outcomes between the tiered and P/F grading groups favoring not UIM learners in the following assessments: MCAT percentile, Essential Core/Medical Knowledge Examination, Step 1 and Step 2 CK Examination scores (Appendix A).

Step 1 and Step 2 CK pass rates were equivalent for UIM and not UIM learners in the tiered grading group but were significantly higher for not UIM students in the P/F grading group. (Appendix A)

In the tiered clerkship grading group, there were clerkship exam differences favoring not UIM students in all except Neurology and ObGyn 110. In the P/F clerkship grading group, there were clerkship exam differences favoring not UIM students in all except Pediatrics and ObGyn 110 (Appendix A).

Comparison of acting internship grades with inclusion of 3 earlier cohorts who also completed tiered graded clerkship cohorts (2013-2014, 2014-2015, 2015-2016) showed that acting internship honors grades favored not UIM students (N=222, 78.2%) (Total N=418; UIM students honors received N=62, 55.5%; p=.001).

Table 1 - Core Year in Which Clerkship were Completed

					Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	2016-2017	158	16.2	16.2	16.2
	2017-2018	117	12.0	12.0	28.2
	2018	194	19.9	19.9	48.2
	2019	161	16.5	16.5	64.7
	2020	168	17.2	17.2	81.9
	2021	176	18.1	18.1	100.0
	Total	974	100.0	100.0	

Table 2 – Students Graduated in Cohorts Included in the Analysis

					Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Not graduated	262	26.9	26.9	26.9
	Graduated	712	73.1	73.1	100.0
	Total	974	100.0	100.0	

Table 3 - UIM and not UIM Students

					Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Not UIM	604	62.0	65.6	65.6
	UIM	317	32.5	34.4	100.0
	Total	921	94.6	100.0	
Missing	System	53	5.4		
Total		974	100.0		

Table 4 - Sub Internship grades for UIM and not UIM students who completed the Tiered Graded Clerkship

			UIM /	URM	
			Not UIM	UIM	Total
Subl 110 Grade Recoded for	Pass	Count	91	51	142
Analysis		% within SubI 110 Grade	64.1%	35.9%	100.0%
		Recoded for Analysis			
		% within UIM / URM	29.0%	34.7%	30.8%
		% of Total	19.7%	11.1%	30.8%
	Honors	Count	<mark>223</mark>	<mark>96</mark>	319
		% within SubI 110 Grade	69.9%	30.1%	100.0%
		Recoded for Analysis			
		% within UIM / URM	<mark>71.0%</mark>	<mark>65.3%</mark>	69.2%
		% of Total	48.4%	20.8%	69.2%
Total		Count	314	147	461
		% within SubI 110 Grade	68.1%	31.9%	100.0%
		Recoded for Analysis			
		% within UIM / URM	100.0%	100.0%	100.0%
		% of Total	68.1%	31.9%	100.0%

Table 5 - Sub Internship grades for UIM and not UIM students who completed the P/F Graded Clerkships

			UIM /	URM	
			Not UIM	UIM	Total
Subl 110 Grade Recoded for	Pass	Count	58	46	104
Analysis		% within SubI 110 Grade	55.8%	44.2%	100.0%
		Recoded for Analysis			
		% within UIM / URM	20.9%	31.9%	24.7%
		% of Total	13.8%	10.9%	24.7%
	Honors	Count	<mark>219</mark>	<mark>98</mark>	317
		% within SubI 110 Grade	69.1%	30.9%	100.0%
		Recoded for Analysis			
		% within UIM / URM	<mark>79.1%</mark>	<mark>68.1%</mark>	75.3%
		% of Total	52.0%	23.3%	75.3%
Total		Count	277	144	421
		% within SubI 110 Grade	65.8%	34.2%	100.0%
		Recoded for Analysis			
		% within UIM / URM	100.0%	100.0%	100.0%
		% of Total	65.8%	34.2%	100.0%

P=.01

Table 6 - Acting internship Clerkship Director Ratings for UIM and not UIM students who completed the Tiered Graded Clerkship

		N	Mean	Std. Deviation	Std. Error
SUB-I Attributes and	Not UIM	316	3.870	.2562	.0144
Responsibility	UIM	149	3.815	.3599	.0295
	Total	465	3.853	.2942	.0136
SUB-I Comm Patients and	Not UIM	316	3.769	.3041	.0171
Families	UIM	149	3.752	.3269	.0268
	Total	465	3.763	.3113	.0144
SUB-I Fund of Knowledge	Not UIM	316	3.511	.3892	.0219
	UIM	149	3.436	.4203	.0344
	Total	465	3.487	.4005	.0186
SUB-I History Taking*	Not UIM	316	3.623	.3413	.0192
	UIM	149	3.537	.4314	.0353
	Total	465	3.596	.3743	.0174
SUB-I Oral Presentation	Not UIM	316	3.641	.4101	.0231
	UIM	149	3.564	.4361	.0357
	Total	465	3.616	.4197	.0195

SUB-I Physical/Mental Status	Not UIM	316	3.527	.3520	.0198
Exam	UIM	149	3.463	.3634	.0298
	Total	465	3.506	.3565	.0165
SUB-I Problem Solving	Not UIM	316	3.598	.3922	.0221
	UIM	149	3.527	.4263	.0349
	Total	465	3.575	.4044	.0188
SUB-I Record Keeping*	Not UIM	316	3.653	.3643	.0205
	UIM	149	3.581	.4030	.0330
	Total	465	3.630	.3782	.0175
SUB-I Self-Improvement*	Not UIM	316	3.775	.3089	.0174
	UIM	149	3.701	.3763	.0308
	Total	465	3.752	.3334	.0155
SUB-I Relationship w/Team	Not UIM	316	3.843	.2760	.0155
Members	UIM	149	3.792	.3293	.0270
	Total	465	3.827	.2948	.0137

<sup>\*</sup>P<.05

Table 7 - Acting internship Clerkship Director Ratings for UIM and not UIM students who completed the P/F Graded Clerkship

				Std.	Std.
		N	Mean	Deviation	Error
SUB-I Attributes and	Not UIM	278	3.903	.2278	.0137
Responsibility	UIM	144	3.851	.2902	.0242
	Total	422	3.885	.2517	.0123
SUB-I Comm Patients	Not UIM	278	3.838	.2735	.0164
and Families	UIM	144	3.799	.3091	.0258
	Total	422	3.825	.2864	.0139
SUB-I Fund of	Not UIM	278	3.610	.3524	.0211
Knowledge*	UIM	144	3.514	.3920	.0327
	Total	422	3.577	.3688	.0180
SUB-I History Taking*	Not UIM	278	3.691	.3230	.0194
	UIM	144	3.604	.3917	.0326
	Total	422	3.661	.3499	.0170
SUB-I Oral	Not UIM	278	3.691	.3575	.0214
Presentation	UIM	144	3.622	.3889	.0324
	Total	422	3.667	.3695	.0180

SUB-I Physical/Mental	Not UIM	278	3.586	.3551	.0213
Status Exam	UIM	144	3.542	.3669	.0306
	Total	422	3.571	.3594	.0175
SUB-I Problem	Not UIM	278	3.701	.3463	.0208
Solving*	UIM	144	3.597	.4109	.0342
	Total	422	3.666	.3724	.0181
SUB-I Record Keeping*	Not UIM	278	3.723	.3217	.0193
	UIM	144	3.639	.3666	.0306
	Total	422	3.694	.3396	.0165
SUB-I Self-	Not UIM	278	3.831	.2757	.0165
Improvement*	UIM	144	3.764	.3012	.0251
	Total	422	3.808	.2861	.0139
SUB-I Relationship	Not UIM	278	3.871	.2538	.0152
w/Team Members	UIM	144	3.844	.2675	.0223
	Total	422	3.861	.2585	.0126

<sup>\*</sup>P<.05

Table 3 - Sub Internship grades for UIM and not UIM students in earlier cohorts (2013-2016) who completed Clerkships with Tiered Grading Policy

·		· ,	UIM /	URM	
			Not UIM	UIM	Total
Subl 110 Grade Recoded for	Pass	Count	84	50	134
Analysis		% within SubI 110 Grade	62.7%	37.3%	100.0%
		Recoded for Analysis			
		% within UIM / URM	27.5%	44.6%	32.1%
		% of Total	20.1%	12.0%	32.1%
	Honors	Count	222	62	284
		% within SubI 110 Grade	78.2%	21.8%	100.0%
		Recoded for Analysis			
		% within UIM / URM	<mark>72.5%</mark>	<mark>55.4%</mark>	67.9%
		% of Total	53.1%	14.8%	67.9%
Total		Count	306	112	418
		% within SubI 110 Grade	73.2%	26.8%	100.0%
		Recoded for Analysis			
		% within UIM / URM	100.0%	100.0%	100.0%
		% of Total	73.2%	26.8%	100.0%

<sup>\*</sup>p=.001

## **Appendix A - Assessed Outcomes**

## **MCAT Percentile Score**

Tiered & P/F - difference favoring not UIM

		MCAT Scores						
	Tiered	Grading*	P/F Grading*					
	N	Percentile	N	Percentile				
Non-UIM	288	93.4	304	94.4				
UIM	145	85.4	166	87.6				
Total	433	90.7	470	92.0				

<sup>\*</sup> p<.001

## **Essential Core/Medical Knowledge Exam**

Tiered & P/F- difference favoring not UIM

		EC/MK Exam						
	Tiered	Grading*	P/F Grading*					
	N	Mean score	N	Mean score				
Non-UIM	86	.843	251	.865				
UIM	50	.824	153	.835				
Total	136	.836	404	.853				

<sup>\*</sup> p<.001

## **Step 1 Pass Rates**

Tiered - No difference

P/F – difference favoring not UIM

	Step 1 Grade				
	Tiered	Grading	P/F Grading*		
	N	N Percent Pass		Percent Pass	
Non-UIM	299	99.0%	305	99.0%	
UIM	149	97.3%	168	94.6%	
Total	448	448 98.4%		97.5%	

<sup>\*</sup> p=.014

## **Step 1 Scores**

Tiered and P/F - difference favoring not UIM

	Step 1 score				
	Tiered	Grading*	P/F G	irading*	
	N	Mean score	N	Mean score	
Non-UIM	298	236.7	205	240.26	
UIM	147	229.4	114	232.15	
Total	445	234.3	319	237.36	

<sup>\*</sup> p<.001

## Clerkship Final Grade (when available) (N and % of honors)

Tiered – differences favoring not UIM for Anes, Med, Peds, Psych

P/F – no analysis, UIM students no fails

	Clerkshi		
	Tiered		
	N	Percent Honors	p-value*
ANES			.029

- Non-UIM	299	51.8%	
- UIM	149	38.3%	
TOTAL			
FCM			.189
- Non-UIM	299	47.5%	
- UIM	149	38.9%	
- TOTAL			
MED			.008
- Non-UIM	299	48.5%	
- UIM	149	34.2%	
- TOTAL			
NEURO			.128
- Non-UIM	299	45.8%	
- UIM	149	40.3%	
- TOTAL			
OBGYN			.067
- Non-UIM	299	55.5%	
- UIM	149	43.0%	
- TOTAL			
PEDS			.026
- Non-UIM	299	52.5%	
- UIM	149	48.2%	
- TOTAL			
PSYCH			.056
- Non-UIM	299	49.5%	
- UIM	149	45.5%	
- TOTAL			
SURG			.067
- Non-UIM	299	49.2%	
- UIM	149	38.9%	
- TOTAL			

<sup>\*</sup> p< .05 considered significant

## **Clerkship Exam Scores**

Tiered - difference favoring not UIM in all except Neuro and Ob P/F – difference favoring not UIM in all except Ob and Peds

	Tiered Grading			P/F Grading		
	N	Mean	p-value*	N	Mean	p-value*
		score			score	
MED			.033			.005
- Non-UIM	299	73.5		305	72.5	
- UIM	148	71.6		168	69.6	
- TOTAL	447	72.9		473	71.5	
NEURO			.101			.005
- Non-UIM	298	78.6		304	76.74	
- UIM	147	77.3		168	74.11	
- TOTAL	445	78.1		472	75.80	
OBGYN			.062			.237

- Non-UIM	298	78.0		305	75.9	
- UIM	148	76.7		168	74.8	
- TOTAL	446	77.6		473	75.5	
PEDS			.008			.457
- Non-UIM	298	82.7		305	76.8	
- UIM	149	81.0		168	76.1	
- TOTAL	447	82.2		473	76.6	
PSYCH			<.001			.006
- Non-UIM	298	80.5		305	80.6	
- UIM	148	78.2		168	78.5	
- TOTAL	446	79.7		473	79.9	
SURG			.002			.012
- Non-UIM	298	73.9		304	73.1	_
- UIM	147	71.5		168	70.8	
- TOTAL	445	73.1		472	72.3	

<sup>\*</sup> p< .05 considered significant

**Clerkship Director Ratings** 

Cierkship Director Ratings					
Tiered Grading Policy		N	Mean	Std. Deviation	Std. Error
Medical Knowledge*	Not UIM	319	3.5481	.15747	.00882
	UIM	152	3.4734	.19073	.01547
	Total	471	3.5240	.17229	.00794
Patient Care*	Not UIM	319	3.5754	.13781	.00772
	UIM	152	3.5076	.19198	.01557
	Total	471	3.5535	.16031	.00739
Interpersonal Skills*	Not UIM	319	3.7620	.13707	.00767
	UIM	152	3.7229	.16777	.01361
	Total	471	3.7494	.14863	.00685
Professionalism*	Not UIM	319	3.7650	.13439	.00752
	UIM	152	3.7061	.17903	.01452
	Total	471	3.7460	.15258	.00703

<sup>\*</sup>p<.001

P/F Grading Policy

171 Grading Folloy					
		N	Mean	Std. Deviation	Std. Error
Medical Knowledge*	Not UIM	311	3.4590	.15434	.00875
	UIM	170	3.3912	.18298	.01403
	Total	481	3.4351	.16801	.00766
Patient Care*	Not UIM	311	3.5035	.13639	.00773
	UIM	170	3.4368	.16335	.01253

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	Total	481	3.4799	.14976	.00683
Interpersonal Skills*	Not UIM	311	3.6861	.13835	.00785
	UIM	170	3.6427	.18205	.01396
	Total	481	3.6708	.15641	.00713
Professionalism*	Not UIM	311	3.7091	.13544	.00768
	UIM	170	3.6458	.18269	.01401
	Total	481	3.6867	.15657	.00714

<sup>\*</sup>p<.001

## **Step 2 Pass Rates**

Tiered - No difference

P/F – difference favoring not UIM

The american area in the area							
		Step 2 Grade					
	Tiered	d Grading	P/F G	irading*			
	N	N Percent Passing		Percent Passing			
Non-UIM	297	99.3%	294	100.0%			
UIM	146	97.3%	151	96.7%			
Total	443	98.7%	445	98.9%			

<sup>\*</sup> p<.001

## Step 2 Exam Score

Tiered & P/F - difference favoring not UIM

		Step 2 exam score				
	Tiered	Grading*	P/F Grading*			
	N	Mean	N	Mean		
Non-UIM	297	246.5	294	250.2		
UIM	146	240.3	151	241.7		
TOTAL	443	244.5	445	247.3		

<sup>\*</sup> p<.001

# Summary of Secondary Analysis and Findings from Exploration of Data Analysis of Relationship between Tiered vs. Pass/Fail Clerkship Grading for UIM vs. Not UIM Students and Acting internship Grades

In this secondary analysis we explored the following: What were, if any, notable quantitative differences in demographics or assessed outcomes between UIM and not UIM students who completed their clerkships in the P/F clerkship grading model that would explain differences seen in our earlier findings (see report here).

**Demographic summary:** A total 974 students in the UCSF School of Medicine were included in the analysis (*note total student numbers vary by available outcome data*). Student data were selected to be included based on two criteria (1) when students completed their clerkship year 2016-2017 (tiered), 2017-2018 (tiered), 2018 (tiered), 2019 (P/F), 2020 (P/F), and 2021 (P/F) (and (2) if students completed some clerkships in the tiered and some in the P/F model students were based in the grouping in which they completed most of their clerkships in (5 or more clerkships in one grading model). Most students N=712 (73.1%) included in the analysis have graduated. 527 (54.2%) of the students in the participants identify as women and 317 (24.4%) as UIM.

**Note**: Primary focus of this analysis are students who completed the clerkships in the P/F grading model. Comparison to students who completed in the tiered clerkship grading model is included only if explicating a difference that helps us understand findings.

#### **Demographics**

- **Not UIM women** (which are in the group with slightly higher numbers in the larger population of students in this analysis) received highest percentage of honors grade in Sub Internships followed by UIM women receiving honors (Tables 1 and 2)
  - The percentage of **not UIM women** receiving honors in the P/F graded clerkships was higher than the tiered clerkship graded group
- **UIM men** received the highest percentage of pass grades (slightly higher than not UIM men) in the Sub Internship regardless of clerkship grading model they completed (Tables 1 and 2)
  - The group receiving the smallest percentage of honors grades who completed the P/F clerkship grading model were **not UIM men**
- A vast majority of **UIM and not UIM students** who received a pass grade in the Acting internship had parents who completed a college education (Tables 3 and 4)

#### **Assessed Outcomes**

- In comparison to UIM students receiving pass grades in the Acting internship, not UIM students who received pass
  grades had significantly higher scores in F1 medical knowledge exam scores, Step 1 and Step 2 Exam scores, and
  medicine, psychiatry, and surgery 110 clerkship exam scores, FCM and Med 110 clerkship director ratings, and
  clerkship medical knowledge, patient care and professionalism director ratings. There were also differences in
  Acting internship director ratings on history taking and record keeping which favored not UIM students (Table 5).
  - F1 medical knowledge exam scores, Step 1 and Step 2 exam scores, Med 110 clerkship director ratings, and clerkship medical knowledge, patient care and professionalism director ratings were significantly higher for not UIM students who received honors in the Acting internship. Clerkship exam scores and all other clerkship director ratings were not different between groups. There are differences one area of Acting internship director ratings on self-improvement that favored not UIM students (Table 6).
- UIM students who received honors in the Acting internship received higher scores/ratings on almost all assessed outcomes (except 1) compared to UIM students who received passes (Table 7).
  - While there were many significant differences in assessed outcomes for not UIM students who received honors in the Sub Internship compared to those who received pass grades, there were some outcomes where there were no differences including in Med, Peds, and Surg 110 clerkship exams, Step 1 exam score, Surg 110 clerkship director means

Table 1 - Pass Grades in the Acting internship (Sub I) based on Demographics (Gender and UIM status) and the clerkship

grading model (tiered or pass/fail) complete

	Received Pass Grade in	n Sub I – Completed <b>P/F</b>	Received <u>Pass</u> Grade in Sub I – Completed		
	<i>Clerkship</i> Grading N (%)		Tiered Clerkship Grading		
			N (%)		
	UIM	Not UIM	UIM	Not UIM	
Women	17 (38.6)	24 (41.4)	22 (43.1)	44 (48.4)	
Men	27 (61.4)	34 (58.6)	29 (56.9)	47 (51.6)	

Table 2 - Honors Grades in the Acting internship (Sub I) based on Demographics (Gender and UIM status) and the clerkship grading model (tiered or pass/fail) complete

	Received Honors Gr	ade in Sub I – Completed	Received <u>Honors</u> Grade in Sub I – Completed			
	P/F Cleri	<i>P/F Clerkship</i> Grading		<i>rkship</i> Grading		
		N (%)		N (%)		
	UIM	Not UIM	UIM	Not UIM		
Women	54 (55.7)	143 (66.5)	45 (46.9)	130 (58.6)		
Men	43 (44 3)	72 (33 5)	51 (53 1)	92 (41 4)		

Table 3 - Pass Grades in the Acting internship (Sub I) based on parental education level and the clerkship grading model

(tiered or pass/fail) complete

	Gra	n Sub I – <b>P/F Clerkship</b> <b>ding</b> %)	Received <u>Pass</u> Grade in Sub I – <i>Tiered</i> <i>Grading</i> N (%)		
	UIM Not UIM		UIM	Not UIM	
Parents completed college education	30 (65.2)	46 (79.3)	31 (60.8)*	76 (83.5)	
Parent not completed college education	16 (34.8)	12 (20.7)	20 (39.2)	15 (16.5)	

<sup>\*</sup>p<.03

Table 4 - Honors Grades in the Acting internship (Sub I) based on parental education level and the clerkship grading model (tiered or pass/fail) complete

	Received <u>Honors</u> Grade in Sub I – <i>P/F Clerkship</i> Grading N (%)		Received <u>Honors</u> Grade in Sub I – <i>Tiered</i> <i>Clerkship</i> Grading N (%)		
	UIM Not UIM		UIM	Not UIM	
Parents completed college education	73 (74.5)*	201 (92.2)	67 (69.8)*	203 (91.0)	
Parent not completed college education	25 (25.5)	17 (7.8)	29 (30.2)	20 (9.0)	

<sup>\*</sup>p>.001

Table 5 - Comparison of Assessed Outcomes for UIM and Not UIM Students who Received *Pass Grade* in the Acting internship (Sub I) who completed their clerkships in the *P/F clerkship grading* model

		N	Mean	SD
F1 Overall medical knowledge exam score*	Not UIM	44	<mark>.8441</mark>	.04484
	UIM	<mark>42</mark>	<mark>.8176</mark>	.04797
	Total	86	.8312	.04801
MED110 Clerkship exam score*	Not UIM	<mark>58</mark>	<mark>71.22</mark>	10.000
	UIM	<mark>46</mark>	<mark>66.41</mark>	9.916
	Total	104	69.10	10.201
NEURO110 Clerkship exam score	Not UIM	58	74.24	8.568
	UIM	46	72.15	8.451
	Total	104	73.32	8.539
OBGYN110 Clerkship exam score	Not UIM	58	73.16	8.987
	UIM	46	72.52	8.044
	Total	104	72.88	8.548
PEDS110 Clerkship exam score	Not UIM	58	76.60	9.954
	UIM	46	77.48	9.201
	Total	104	76.99	9.592
PSYCH 110 Clerkship exam score*	Not UIM	<mark>58</mark>	<mark>78.78</mark>	6.996
	UIM	<mark>46</mark>	<mark>75.04</mark>	9.975
	Total	104	77.13	8.604
SURG 110 Clerkship exam score*	Not UIM	<mark>58</mark>	<mark>72.14</mark>	9.021
	UIM	<mark>46</mark>	<mark>68.09</mark>	10.950
	Total	104	70.35	10.075
SUB-I clerkship director ratings - Attributes and	Not UIM	58	3.690	.3354
Responsibility	UIM	46	3.598	.3745
	Total	104	3.649	.3544
SUB-I clerkship director ratings - Comm Patients and	Not UIM	58	3.595	.3306
Families	UIM	46	3.522	.3489
	Total	104	3.563	.3391
SUB-I clerkship director ratings - Fund of Knowledge	Not UIM	58	3.198	.2639
	UIM	46	3.109	.2771
	Total	104	3.159	.2722
SUB-I clerkship director ratings - History Taking*	Not UIM	<mark>58</mark>	<mark>3.362</mark>	.3077
	UIM	<mark>46</mark>	<mark>3.217</mark>	.2916
	Total	104	3.298	.3078
SUB-I clerkship director ratings - Oral Presentation	Not UIM	58	3.293	.3381
	UIM	46	3.207	.2901
	Total	104	3.255	.3192
	Not UIM	58	3.259	.2847

SUB-I clerkship director ratings - Physical/Mental Status	UIM	46	3.185	.2440
Exam	Total	104	3.226	.2688
SUB-I clerkship director ratings - Problem Solving	Not UIM	58	3.241	.2689
	UIM	46	3.141	.3103
	Total	104	3.197	.2908
SUB-I clerkship director ratings - Record Keeping*	Not UIM	<mark>58</mark>	<mark>3.371</mark>	.2896
	UIM	<mark>46</mark>	<mark>3.250</mark>	.2528
	Total	104	3.317	.2792
SUB-I clerkship director ratings - Self-Improvement	Not UIM	58	3.526	.3165
	UIM	46	3.554	.3202
	Total	104	3.538	.3169
SUB-I clerkship director ratings - Relationship w/Team	Not UIM	58	3.629	.3449
Members	UIM	46	3.609	.3147
	Total	104	3.620	.3305
Step1 exam score*	Not UIM	41	<mark>236.51</mark>	15.260
	UIM	38	<mark>227.76</mark>	16.581
	Total	79	232.30	16.407
Step2 exam Score*	Not UIM	<mark>57</mark>	<mark>244.63</mark>	11.661
	UIM	44	234.82	13.989
	Total	101	240.36	13.572
Anes 110 Clerkship Director Ratings Mean	Not UIM	58	3.5442	.26231
	UIM	46	3.4524	.31213
	Total	104	3.5036	.28764
FCM 110 Clerkship Director Ratings Mean*	Not UIM	<mark>58</mark>	<mark>3.5636</mark>	.27343
	UIM	<mark>46</mark>	<mark>3.4592</mark>	.25726
	Total	104	3.5174	.27019
Med 110 Clerkship Director Ratings Mean*	Not UIM	<mark>58</mark>	<mark>3.5463</mark>	.27694
	UIM	<mark>46</mark>	<mark>3.4117</mark>	.28522
	Total	104	3.4868	.28723
Neuro 110 Clerkship Director Ratings Mean	Not UIM	58	3.4770	.22441
	UIM	46	3.4505	.27473
	Total	104	3.4653	.24702
Obgyn 110 Clerkship Director Ratings Mean	Not UIM	58	3.4418	.29077
	UIM	46	3.3793	.34050
	Total	104	3.4141	.31372
Peds 110 Clerkship Director Ratings Mean	Not UIM	58	3.4537	.29023
	UIM	46	3.4321	.25848
	Total	104	3.4441	.27553
Psych 110 Clerkship Director Ratings Mean	Not UIM	58	3.5496	.21611
	UIM	46	3.5448	.19661

	Total	104	3.5475	.20674
Surg 110 110 Clerkship Director Ratings Mean	Not UIM	58	3.5496	.25401
	UIM	46	3.4565	.31811
	Total	104	3.5084	.28648
Clerkship Medical Knowledge Clerkship Director Rating*	Not UIM	<mark>58</mark>	<mark>3.3836</mark>	.14967
	<mark>UIM</mark>	<mark>46</mark>	3.2935	.17223
	Total	104	3.3438	.16547
Clerkship Patient Care Clerkship Director Rating*	Not UIM	<mark>58</mark>	<mark>3.4231</mark>	.13947
	<mark>UIM</mark>	<mark>46</mark>	<mark>3.3437</mark>	.15916
	Total	104	3.3880	.15299
Clerkship Interpersonal Skills Clerkship Director Rating	Not UIM	58	3.5975	.15299
	UIM	46	3.5601	.18315
	Total	104	3.5810	.16720
Clerkship Professionalism Clerkship Director Rating*	Not UIM	<mark>58</mark>	<mark>3.6379</mark>	.15631
	<mark>UIM</mark>	<mark>46</mark>	<mark>3.5673</mark>	.18446
	Total	104	3.6067	.17214

p<.05

Table 6 - Comparison of Assessed Outcomes for UIM and Not UIM Students who Received Honors Grade in the Acting internship (Sub I) who completed their clerkships in the P/F clerkship grading model

		N	Mean	SD
F1 Overall medical knowledge exam score*	Not UIM	<mark>175</mark>	<mark>.8702</mark>	.04017
	<mark>UIM</mark>	<mark>87</mark>	<mark>.8471</mark>	.04425
	Total	262	.8626	.04289
MED110 Clerkship exam score	Not UIM	219	73.26	10.539
	UIM	98	71.33	10.733
	Total	317	72.66	10.620
NEURO110 Clerkship exam score	Not UIM	219	77.55	9.363
	UIM	98	75.88	9.547
	Total	317	77.03	9.437
OBGYN110 Clerkship exam score	Not UIM	219	76.68	9.125
	UIM	98	75.88	8.576
	Total	317	76.43	8.953
PEDS110 Clerkship exam score	Not UIM	219	77.59	10.196
	UIM	98	76.80	9.944
	Total	317	77.35	10.110
PSYCH 110 Clerkship exam score	Not UIM	219	81.24	6.628
	UIM	98	79.90	8.672
	Total	317	80.83	7.334
SURG 110 Clerkship exam score	Not UIM	219	73.30	9.273

	UIM	98	71.79	10.032
	Total	317	72.83	9.524
SUB-I clerkship director ratings - Attributes and	Not UIM	219	3.963	.1304
Responsibility	UIM	98	3.969	.1205
	Total	317	3.965	.1273
SUB-I clerkship director ratings - Comm Patients and	Not UIM	219	3.906	.2069
Families	UIM	98	3.929	.1759
	Total	317	3.913	.1978
SUB-I clerkship director ratings - Fund of Knowledge	Not UIM	219	3.724	.2754
5	UIM	98	3.704	.2765
	Total	317	3.718	.2755
SUB-I clerkship director ratings - History Taking	Not UIM	219	3.781	.2621
	UIM	98	3.786	.2872
	Total	317	3.782	.2697
SUB-I clerkship director ratings - Oral Presentation	Not UIM	219	3.801	.2676
	UIM	98	3.816	.2527
	Total	317	3.806	.2628
SUB-I clerkship director ratings - Physical/Mental	Not UIM	219	3.676	.3175
Status Exam	UIM	98	3.709	.2865
	Total	317	3.686	.3082
SUB-I clerkship director ratings - Problem Solving	Not UIM	219	3.826	.2433
	UIM	98	3.811	.2436
	Total	317	3.822	.2431
SUB-I clerkship director ratings - Record Keeping	Not UIM	219	3.820	.2546
	UIM	98	3.821	.2513
	Total	317	3.820	.2531
SUB-I clerkship director ratings - Self-Improvement*	Not UIM	<mark>219</mark>	<mark>3.913</mark>	.1957
	UIM	98	<mark>3.862</mark>	.2357
	Total	317	3.897	.2099
SUB-I clerkship director ratings - Relationship w/Team	Not UIM	219	3.938	.1648
Members	UIM	98	3.954	.1451
	Total	317	3.943	.1589
Step1 exam score*	Not UIM	<mark>165</mark>	<mark>241.29</mark>	16.982
	UIM	<mark>75</mark>	<mark>235.11</mark>	18.636
	Total	240	239.36	17.711
Step2 exam Score*	Not UIM	<mark>219</mark>	<mark>251.13</mark>	11.948
	UIM	98	<mark>244.89</mark>	15.341
	Total	317	249.20	13.382
Anes 110 Clerkship Director Ratings Mean	Not UIM	219	3.5979	.24892
	UIM	98	3.5644	.28187

Total   317   3.5875   2.5956					
Med 110 Clerkship Director Ratings Mean*   Not UIM   219   3.6875   2.2810		Total	317	3.5875	.25956
Med 110 Clerkship Director Ratings Mean*         Not UIM         219         3.6875         2.20677           UIM         98         3.5867         .25330           Total         317         3.6563         .22664           Neuro 110 Clerkship Director Ratings Mean         Not UIM         219         3.5702         .19872           UIM         98         3.5477         23801         .23801         .70tal         317         3.5633         .21152           Obgyn 110 Clerkship Director Ratings Mean         Not UIM         219         3.5984         .31812           UIM         98         3.5516         .31684         .70tal         317         3.5932         .31732           Peds 110 Clerkship Director Ratings Mean         Not UIM         219         3.5516         .20704           Total         317         3.5808         .23080           Psych 110 Clerkship Director Ratings Mean         Not UIM         219         3.6124         .23785           UIM         98         3.5518         .23024         .23785           UIM         98         3.6052         .26962           Total         317         3.6102         .24770           Clerkship Medical Knowledge Clerkship Director	FCM 110 Clerkship Director Ratings Mean	Not UIM	219	3.6741	.28063
Med 110 Clerkship Director Ratings Mean*         Not UIM         219         3.6875         .20077           UIM         98         3.5867         .25330           Total         317         3.6563         .22664           Neuro 110 Clerkship Director Ratings Mean         Not UIM         219         3.5702         .19872           UIM         98         3.5477         .23801         .21152           Obgyn 110 Clerkship Director Ratings Mean         Not UIM         219         3.5984         .31812           UIM         98         3.5816         .31684         .31684         .317         3.5932         .31732           Peds 110 Clerkship Director Ratings Mean         Not UIM         219         3.5915         .20720           UIM         98         3.5568         .27604         .70tal         317         3.5932         .21712           UIM         98         3.5568         .27604         .70tal         317         3.6230         .21712           UIM         98         3.5918         .23020         .21712         .21762         .21762           Surg 110 110 Clerkship Director Ratings Mean         Not UIM         219         3.6124         .23785           UIM         98 <td></td> <td>UIM</td> <td>98</td> <td>3.6173</td> <td>.29250</td>		UIM	98	3.6173	.29250
Mathematics		Total	317	3.6565	.28510
Neuro 110 Clerkship Director Ratings Mean         Not UIM         219         3.5702         .19872           UIM         98         3.5477         .23801           Total         317         3.5633         .21152           Obgyn 110 Clerkship Director Ratings Mean         Not UIM         219         3.5984         .31812           UIM         98         3.5816         .31684           Total         317         3.5932         .31732           Peds 110 Clerkship Director Ratings Mean         Not UIM         219         3.5915         .20720           UIM         98         3.5568         .27604           Total         317         3.5808         .23080           Psych 110 Clerkship Director Ratings Mean         Not UIM         219         3.6230         .21712           UIM         98         3.5918         .23024         .23785           Surg 110 110 Clerkship Director Ratings Mean         Not UIM         219         3.6124         .23785           UIM         98         3.6052         .26962         .26962         .26962         .26962         .26962         .26962         .26962         .26962         .26962         .26962         .26962         .26962         .26962	Med 110 Clerkship Director Ratings Mean*	Not UIM	<mark>219</mark>	<mark>3.6875</mark>	.20677
Neuro 110 Clerkship Director Ratings Mean       Not UIM       219       3.5702       .19872         UIM       98       3.5477       .23801         Total       317       3.5633       .21152         Obgyn 110 Clerkship Director Ratings Mean       Not UIM       219       3.5984       .31812         UIM       98       3.5816       .31684         Total       317       3.5932       .31732         Peds 110 Clerkship Director Ratings Mean       Not UIM       219       3.5915       .20700         UIM       98       3.5508       .27604         Total       317       3.5808       .23080         Psych 110 Clerkship Director Ratings Mean       Not UIM       219       3.6230       .21712         UIM       98       3.6124       .23785         UIM       98       3.6052       .26962         Total       317       3.6102       .24770         Clerkship Medical Knowledge Clerkship Director       Not UIM       219       3.4823       .15382         Rating*       UIM       98       3.4452       .16796         Total       317       3.4708       .15899         Clerkship Patient Care Clerkship Director Rating*       <		UIM	<mark>98</mark>	<mark>3.5867</mark>	.25330
UIM   98   3.5477   .23801   Total   317   3.5633   .21152   .21152   .21152   .21152   .21152   .21152   .21152   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21153   .21		Total	<mark>317</mark>	<mark>3.6563</mark>	.22664
Total   317   3.5633   .21152	Neuro 110 Clerkship Director Ratings Mean	Not UIM	219	3.5702	.19872
Obgyn 110 Clerkship Director Ratings Mean         Not UIM         219         3.5984         .31812           UIM         98         3.5816         .31684           Total         317         3.5932         .31732           Peds 110 Clerkship Director Ratings Mean         Not UIM         219         3.5915         .20720           UIM         98         3.5568         .27604           Total         317         3.5808         .23080           Psych 110 Clerkship Director Ratings Mean         Not UIM         219         3.6230         .21712           UIM         98         3.5918         .23024           Total         317         3.6134         .22136           Surg 110 110 Clerkship Director Ratings Mean         Not UIM         219         3.6124         .23785           UIM         98         3.6052         .26962         .26962         .26962         .24770           Clerkship Medical Knowledge Clerkship Director         Not UIM         219         3.4823         .15382           Rating*         UIM         98         3.4452         .16796           Total         317         3.4708         .15899           Clerkship Patient Care Clerkship Director Rating*         Not UIM<		UIM	98	3.5477	.23801
UIM   98   3.5816   .31684     Total   317   3.5932   .31732     Peds 110 Clerkship Director Ratings Mean   Not UIM   219   3.5915   .20720     UIM   98   3.5568   .27604     Total   317   3.5808   .23080     Psych 110 Clerkship Director Ratings Mean   Not UIM   219   3.6230   .21712     UIM   98   3.5918   .23024     Total   317   3.6134   .22136     Surg 110 110 Clerkship Director Ratings Mean   Not UIM   219   3.6124   .23785     UIM   98   3.6052   .26962     Total   317   3.6102   .24770     Clerkship Medical Knowledge Clerkship Director   Not UIM   219   3.4823   .15382     Rating*   UIM   98   3.4452   .16796     Total   317   3.4708   .15899     Clerkship Patient Care Clerkship Director Rating*   Not UIM   219   3.5257   .13163     UIM   98   3.4821   .14846     Total   317   3.5122   .13830     Clerkship Interpersonal Skills Clerkship Director Rating*   Not UIM   219   3.7111   .12770     UIM   98   3.6845   .17202     Total   317   3.7029   .14312     Clerkship Professionalism Clerkship Director Rating*   Not UIM   219   3.7288   .12581     UIM   98   3.6907   .17231     UIM   98   3.6907   .17231		Total	317	3.5633	.21152
Total   317   3.5932   .31732	Obgyn 110 Clerkship Director Ratings Mean	Not UIM	219	3.5984	.31812
Not UIM   219   3.5915   .20720		UIM	98	3.5816	.31684
UIM   98   3.5568   .27604     Total   317   3.5808   .23080     Psych 110 Clerkship Director Ratings Mean   Not UIM   219   3.6230   .21712     UIM   98   3.5918   .23024     Total   317   3.6134   .22136     Surg 110 110 Clerkship Director Ratings Mean   Not UIM   219   3.6124   .23785     UIM   98   3.6052   .26962     Total   317   3.6102   .24770     Clerkship Medical Knowledge Clerkship Director   Not UIM   219   3.4823   .15382     Rating*   UIM   98   3.4452   .16796     Total   317   3.4708   .15899     Clerkship Patient Care Clerkship Director Rating*   Not UIM   219   3.5257   .13163     UIM   98   3.4821   .14846     Total   317   3.5122   .13830     Clerkship Interpersonal Skills Clerkship Director Rating*   Not UIM   219   3.7111   .12770     UIM   98   3.6845   .17202     Total   317   3.7029   .14312     Clerkship Professionalism Clerkship Director Rating*   Not UIM   219   3.7288   .12581     UIM   98   3.6907   .17231     UIM		Total	317	3.5932	.31732
Total   317   3.5808   .23080	Peds 110 Clerkship Director Ratings Mean	Not UIM	219	3.5915	.20720
Not UIM   219   3.6230   .21712		UIM	98	3.5568	.27604
UIM   98   3.5918   .23024     Total   317   3.6134   .22136     Surg 110 110 Clerkship Director Ratings Mean   Not UIM   219   3.6124   .23785   UIM   98   3.6052   .26962   Total   317   3.6102   .24770     Clerkship Medical Knowledge Clerkship Director   Not UIM   219   3.4823   .15382   Rating*   UIM   98   3.4452   .16796     Total   317   3.4708   .15899     Clerkship Patient Care Clerkship Director Rating*   Not UIM   219   3.5257   .13163   UIM   98   3.4821   .14846     Total   317   3.5122   .13830   Clerkship Interpersonal Skills Clerkship Director Rating   Not UIM   219   3.7111   .12770   UIM   98   3.6845   .17202   Total   317   3.7029   .14312   Clerkship Professionalism Clerkship Director Rating*   Not UIM   219   3.7288   .12581   UIM   98   3.6907   .17231		Total	317	3.5808	.23080
Total       317       3.6134       .22136         Surg 110 110 Clerkship Director Ratings Mean       Not UIM       219       3.6124       .23785         UIM       98       3.6052       .26962         Total       317       3.6102       .24770         Clerkship Medical Knowledge Clerkship Director       Not UIM       219       3.4823       .15382         Rating*       UIM       98       3.4452       .16796         Total       317       3.4708       .15899         Clerkship Patient Care Clerkship Director Rating*       Not UIM       219       3.5257       .13163         UIM       98       3.4821       .14846         Total       317       3.5122       .13830         Clerkship Interpersonal Skills Clerkship Director Rating*       Not UIM       219       3.7111       .12770         UIM       98       3.6845       .17202         Total       317       3.7029       .14312         Clerkship Professionalism Clerkship Director Rating*       Not UIM       219       3.7288       .12581         UIM       98       3.6907       .17231	Psych 110 Clerkship Director Ratings Mean	Not UIM	219	3.6230	.21712
Surg 110 110 Clerkship Director Ratings Mean       Not UIM       219       3.6124       .23785         UIM       98       3.6052       .26962         Total       317       3.6102       .24770         Clerkship Medical Knowledge Clerkship Director       Not UIM       219       3.4823       .15382         Rating*       UIM       98       3.4452       .16796         Total       317       3.4708       .15899         Clerkship Patient Care Clerkship Director Rating*       Not UIM       219       3.5257       .13163         UIM       98       3.4821       .14846         Total       317       3.5122       .13830         Clerkship Interpersonal Skills Clerkship Director Rating*       Not UIM       219       3.7111       .12770         UIM       98       3.6845       .17202         Total       317       3.7029       .14312         Clerkship Professionalism Clerkship Director Rating*       Not UIM       219       3.7288       .12581         UIM       98       3.6907       .17231		UIM	98	3.5918	.23024
UIM   98   3.6052   .26962		Total	317	3.6134	.22136
Total   317   3.6102   .24770	Surg 110 110 Clerkship Director Ratings Mean	Not UIM	219	3.6124	.23785
Clerkship Medical Knowledge Clerkship Director         Not UIM         219         3.4823         .15382           Rating*         UIM         98         3.4452         .16796           Total         317         3.4708         .15899           Clerkship Patient Care Clerkship Director Rating*         Not UIM         219         3.5257         .13163           UIM         98         3.4821         .14846           Total         317         3.5122         .13830           Clerkship Interpersonal Skills Clerkship Director Rating         Not UIM         219         3.7111         .12770           UIM         98         3.6845         .17202           Total         317         3.7288         .14312           Clerkship Professionalism Clerkship Director Rating*         Not UIM         219         3.7288         .12581           UIM         98         3.6907         .17231		UIM	98	3.6052	.26962
Rating*		Total	317	3.6102	.24770
Total   317   3.4708   .15899	Clerkship Medical Knowledge Clerkship Director	Not UIM	<mark>219</mark>	<mark>3.4823</mark>	.15382
Clerkship Patient Care Clerkship Director Rating*         Not UIM         219         3.5257         .13163           UIM         98         3.4821         .14846           Total         317         3.5122         .13830           Clerkship Interpersonal Skills Clerkship Director Rating         Not UIM         219         3.7111         .12770           UIM         98         3.6845         .17202           Total         317         3.7029         .14312           Clerkship Professionalism Clerkship Director Rating*         Not UIM         219         3.7288         .12581           UIM         98         3.6907         .17231	Rating*	UIM	<mark>98</mark>	<mark>3.4452</mark>	.16796
UIM       98       3.4821       .14846         Total       317       3.5122       .13830         Clerkship Interpersonal Skills Clerkship Director Rating       Not UIM       219       3.7111       .12770         UIM       98       3.6845       .17202         Total       317       3.7029       .14312         Clerkship Professionalism Clerkship Director Rating*       Not UIM       219       3.7288       .12581         UIM       98       3.6907       .17231		<mark>Total</mark>	<mark>317</mark>	<mark>3.4708</mark>	.15899
Total   317   3.5122   .13830	Clerkship Patient Care Clerkship Director Rating*	Not UIM	<mark>219</mark>	<mark>3.5257</mark>	.13163
Clerkship Interpersonal Skills Clerkship Director Rating         Not UIM         219         3.7111         .12770           UIM         98         3.6845         .17202           Total         317         3.7029         .14312           Clerkship Professionalism Clerkship Director Rating*         Not UIM         219         3.7288         .12581           UIM         98         3.6907         .17231		UIM	<mark>98</mark>	<mark>3.4821</mark>	.14846
UIM         98         3.6845         .17202           Total         317         3.7029         .14312           Clerkship Professionalism Clerkship Director Rating*         Not UIM         219         3.7288         .12581           UIM         98         3.6907         .17231		<mark>Total</mark>	<mark>317</mark>	<mark>3.5122</mark>	.13830
Total   317   3.7029   .14312	Clerkship Interpersonal Skills Clerkship Director Rating	Not UIM	219	3.7111	.12770
Clerkship Professionalism Clerkship Director Rating* Not UIM 219 3.7288 .12581 UIM 98 3.6907 .17231		UIM	98	3.6845	.17202
UIM 98 3.6907 .17231		Total	317	3.7029	.14312
	Clerkship Professionalism Clerkship Director Rating*	Not UIM	<mark>219</mark>	<mark>3.7288</mark>	.12581
Total 317 3.7170 .14264		UIM	<mark>98</mark>	<mark>3.6907</mark>	.17231
		Total Total	<mark>317</mark>	<mark>3.7170</mark>	.14264

p<.05

Table 7 - Comparison of UIM Students Assessed Outcomes for UIM students based on Acting internship (Sub I) Grade received (students who completed their clerkships in the P/F clerkship grading model)

	N	Mean	SD
Pass Pass	<mark>42</mark>	<mark>.8176</mark>	.04797

F1 Overall medical knowledge	Honors	<mark>87</mark>	. <mark>8471</mark>	.04425
exam score*	Total	129	.8375	.04739
MED110 Clerkship exam	Pass	<mark>46</mark>	<mark>66.41</mark>	9.916
score*	Honors	98	71.33	10.733
	Total	144	69.76	10.694
NEURO110 Clerkship exam	Pass	<mark>46</mark>	<mark>72.15</mark>	8.451
score*	Honors	<mark>98</mark>	<mark>75.88</mark>	9.547
	Total	144	74.69	9.345
OBGYN110 Clerkship exam	Pass Pass	<mark>46</mark>	<mark>72.52</mark>	8.044
score*	<b>Honors</b>	<mark>98</mark>	<mark>75.88</mark>	8.576
	Total	144	74.81	8.527
PEDS110 Clerkship exam score	Pass	<mark>46</mark>	<mark>77.48</mark>	9.201
	Honors	<mark>98</mark>	<mark>76.80</mark>	9.944
	Total	144	77.01	9.686
PSYCH 110 Clerkship exam	Pass	<mark>46</mark>	<mark>75.04</mark>	9.975
score*	Honors	<mark>98</mark>	<mark>79.90</mark>	8.672
	Total	144	78.35	9.353
SURG 110 Clerkship exam	Pass	<mark>46</mark>	<mark>68.09</mark>	10.950
score*	Honors	<mark>98</mark>	<mark>71.79</mark>	10.032
	Total	144	70.60	10.440
SUB-I clerkship director	Pass	<mark>46</mark>	<mark>3.598</mark>	.3745
ratings - Attributes and	Honors	<mark>98</mark>	<mark>3.969</mark>	.1205
Responsibility*	Total	144	3.851	.2902
SUB-I clerkship director	Pass	<mark>46</mark>	<mark>3.522</mark>	.3489
ratings - Comm Patients and	Honors	<mark>98</mark>	<mark>3.929</mark>	.1759
Families*	Total	144	3.799	.3091
SUB-I clerkship director	Pass	<mark>46</mark>	<mark>3.109</mark>	.2771
ratings - Fund of Knowledge*	Honors	<mark>98</mark>	<mark>3.704</mark>	.2765
	Total	144	3.514	.3920
SUB-I clerkship director	Pass	<mark>46</mark>	<mark>3.217</mark>	.2916
ratings - History Taking*	Honors	<mark>98</mark>	<mark>3.786</mark>	.2872
	Total	144	3.604	.3917
SUB-I clerkship director	Pass	<mark>46</mark>	<mark>3.207</mark>	.2901
ratings - Oral Presentation*	Honors	<mark>98</mark>	<mark>3.816</mark>	.2527
	Total	144	3.622	.3889
SUB-I clerkship director	Pass	<mark>46</mark>	<mark>3.185</mark>	.2440
ratings - Physical/Mental	Honors	<mark>98</mark>	<mark>3.709</mark>	.2865
Status Exam*	Total	144	3.542	.3669
SUB-I clerkship director	Pass	<mark>46</mark>	<mark>3.141</mark>	.3103
ratings - Problem Solving*	<b>Honors</b>	<mark>98</mark>	<mark>3.811</mark>	.2436

Sub-1 clerkship director ratings - Record Keeping		Total	144	3.597	.4109
ratings - Record Keeping**         Honors         98         3.821         .2513           Total         144         3.639         .3666           SUB-I clerkship director ratings - Self-Improvement**         Pass         46         3.554         .3202           Total         144         3.764         .3012         .3147           SUB-I clerkship director ratings - Relationship w/Team         Pass         46         3.609         .3147           Tatings - Relationship w/Team         Honors         98         3.954         .1451           Members*         Total         144         3.844         .2675           Step1 exam score**         Pass         38         227.76         16.581           Honors         75         235.11         18.636           Total         113         232.64         18.233           Step2 exam Score**         Pass         44         234.82         13.989           Honors         98         244.89         15.341         15.602           Anes 110 Clerkship Director         Pass         46         3.4524         31213           Ratings Mean**         Honors         98         3.6173         2.2926           FCM110 Clerkship Director	SUB-I clerkship director				
Total   144   3.639   3.666					
Pass   46   3.554   .3202   .2357   .3202   .3264   .3202   .3264   .3202   .3264   .3202   .3267   .3202   .3267   .3202   .3267   .3202   .3267   .3202   .3267   .3202   .3267   .3202   .3267   .3202   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267   .3267	3 . 3				
ratings - Self-Improvement*         Honors         98         3.862         .2357           Total         144         3.764         .3012           SUB-I clerkship director ratings - Relationship w/Team         Pass         46         3.609         .3147           ratings - Relationship w/Team         Honors         98         3.954         .1451           Members*         Total         144         3.844         .2675           Step1 exam score*         Pass         38         227.76         16.581           Honors         75         235.11         18.636         18.233           Step2 exam Score*         Pass         44         234.82         13.989         15.341           Total         142         241.77         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602         15.602<	SUB-I clerkship director				
Total   144   3.764   .3012	<u> </u>		_		
Name					
ratings - Relationship w/Team         Honors         98         3.954         .1451           Members*         Total         144         3.844         .2675           Step1 exam score*         Pass         38         227.76         16.581           Honors         75         235.11         18.636           Total         113         232.64         18.233           Step2 exam Score*         Pass         44         234.82         13.989           Honors         98         244.89         15.341         15.341           Total         142         241.77         15.602           Anes 110 Clerkship Director         Pass         46         3.4524         .31213           Ratings Mean*         Honors         98         3.5644         .28187           Total         144         3.5286         .29546           FCM 110 Clerkship Director         Pass         46         3.4592         .25726           Ratings Mean*         Honors         98         3.6173         .29250           Total         144         3.5668         .29040           Med 110 Clerkship Director         Pass         46         3.4117         .28522 <t< td=""><td>SUB-I clerkship director</td><td></td><td></td><td></td><td></td></t<>	SUB-I clerkship director				
Members*         Total         144         3.844         .2675           Step1 exam score*         Pass         38         227.76         16.581           Honors         75         235.11         18.636           Total         113         232.64         18.233           Step2 exam Score*         Pass         44         234.82         13.989           Honors         98         244.89         15.341           Total         142         241.77         15.602           Anes 110 Clerkship Director         Pass         46         3.4524         .31213           Ratings Mean*         Honors         98         3.5644         .28187           Total         144         3.5286         .29546           FCM 110 Clerkship Director         Pass         46         3.4592         .25726           Ratings Mean*         Honors         98         3.6173         .29250           Total         144         3.5668         .29040           Med 110 Clerkship Director         Pass         46         3.4117         .28522           Ratings Mean*         Honors         98         3.5867         .25330           Total         144         3.5	· · · · · · · · · · · · · · · · · · ·	Honors			
Pass   38   227.76   16.581     Honors   75   235.11   18.636     Total   113   232.64   18.233     Step2 exam Score*   Pass   44   234.82   13.989     Honors   98   244.89   15.341     Total   142   241.77   15.602     Anes 110 Clerkship Director   Pass   46   3.4524   .31213     Ratings Mean*   Honors   98   3.5644   .28187     Total   144   3.5286   .29546     FCM 110 Clerkship Director   Pass   46   3.4592   .25726     Ratings Mean*   Honors   98   3.6173   .29250     Total   144   3.5668   .29040     Med 110 Clerkship Director   Pass   46   3.4117   .28522     Ratings Mean*   Honors   98   3.5867   .25330     Total   144   3.5308   .27537     Neuro 110 Clerkship Director   Pass   46   3.4505   .27473     Ratings Mean*   Honors   98   3.5477   .23801     Total   144   3.5167   .25347     Obgyn 110 Clerkship Director   Pass   46   3.3793   .34050     Ratings Mean*   Honors   98   3.5816   .31684     Total   144   3.5170   .33696     Peds 110 Clerkship Director   Pass   46   3.4321   .25848     Ratings Mean*   Honors   98   3.5568   .27604     Total   144   3.5169   .27589     Psych 110 Clerkship Director   Pass   46   3.4321   .25848     Ratings Mean*   Honors   98   3.5918   .23024     Total   144   3.5768   .22047     Surg 110 110 Clerkship   Pass   46   3.4565   .31811     Director Ratings Mean*   Honors   98   3.6052   .26962     Ratings Mean*	Members*	Total	144	3.844	.2675
Honors   75	Step1 exam score*		38	<mark>227.76</mark>	
Pass   Honors   Pass   244.89   15.341		Honors	75	235.11	18.636
Honors   98   244.89   15.341     Total   142   241.77   15.602     Anes 110 Clerkship Director   Pass   46   3.4524   .31213     Ratings Mean*   Honors   98   3.5644   .28187     Total   144   3.5286   .29546     FCM 110 Clerkship Director   Pass   46   3.4592   .25726     Ratings Mean*   Honors   98   3.6173   .29250     Total   144   3.5668   .29040     Med 110 Clerkship Director   Pass   46   3.4117   .28522     Ratings Mean*   Honors   98   3.5867   .25330     Total   144   3.5308   .27537     Neuro 110 Clerkship Director   Pass   46   3.4505   .27473     Ratings Mean*   Honors   98   3.5477   .23801     Total   144   3.5167   .25347     Obgyn 110 Clerkship Director   Pass   46   3.3793   .34050     Ratings Mean*   Honors   98   3.5816   .31684     Total   144   3.5170   .33696     Peds 110 Clerkship Director   Pass   46   3.4321   .25848     Ratings Mean*   Honors   98   3.5568   .27604     Ratings Mean*   Honors   98   3.5568   .27604     Ratings Mean*   Honors   98   3.5448   .19661     Ratings Mean   Honors   98   3.548   .23024     Company of the pass   46   3.448   .24047     Surg 110 110 Clerkship   Pass   46   3.4565   .31811     Director Ratings Mean*   Honors   98   3.6052   .26962		Total	113	232.64	18.233
Honors   98   244.89   15.341     Total   142   241.77   15.602     Anes 110 Clerkship Director   Pass   46   3.4524   .31213     Ratings Mean*   Honors   98   3.5644   .28187     Total   144   3.5286   .29546     FCM 110 Clerkship Director   Pass   46   3.4592   .25726     Ratings Mean*   Honors   98   3.6173   .29250     Total   144   3.5668   .29040     Med 110 Clerkship Director   Pass   46   3.4117   .28522     Ratings Mean*   Honors   98   3.5867   .25330     Total   144   3.5308   .27537     Neuro 110 Clerkship Director   Pass   46   3.4505   .27473     Ratings Mean*   Honors   98   3.5477   .23801     Total   144   3.5167   .25347     Obgyn 110 Clerkship Director   Pass   46   3.3793   .34050     Ratings Mean*   Honors   98   3.5816   .31684     Total   144   3.5170   .33696     Peds 110 Clerkship Director   Pass   46   3.4321   .25848     Ratings Mean*   Honors   98   3.5568   .27604     Ratings Mean*   Honors   98   3.5568   .27604     Ratings Mean*   Honors   98   3.5448   .19661     Ratings Mean   Honors   98   3.548   .23024     Company of the pass   46   3.448   .24047     Surg 110 110 Clerkship   Pass   46   3.4565   .31811     Director Ratings Mean*   Honors   98   3.6052   .26962	Step2 exam Score*	Pass	44	234.82	13.989
Anes 110 Clerkship Director         Pass         46         3.4524         .31213           Ratings Mean*         Honors         98         3.5644         .28187           Total         144         3.5286         .29546           FCM 110 Clerkship Director         Pass         46         3.4592         .25726           Ratings Mean*         Honors         98         3.6173         .29250           Med 110 Clerkship Director         Pass         46         3.4117         .28522           Ratings Mean*         Honors         98         3.5867         .25330           Total         144         3.5308         .27537           Neuro 110 Clerkship Director         Pass         46         3.4505         .27473           Ratings Mean*         Honors         98         3.5477         .23801           Total         144         3.5167         .25347           Obgyn 110 Clerkship Director         Pass         46         3.3793         .34050           Ratings Mean*         Honors         98         3.5816         .31684           Total         144         3.5170         .33696           Peds 110 Clerkship Director         Pass         46         3.4321		Honors	98	244.89	15.341
Honors   98   3.5644   .28187     Total   144   3.5286   .29546     FCM 110 Clerkship Director   Pass   46   3.4592   .25726     Ratings Mean*   Honors   98   3.6173   .29250     Total   144   3.5668   .29040     Med 110 Clerkship Director   Pass   46   3.4117   .28522     Ratings Mean*   Honors   98   3.5867   .25330     Total   144   3.5308   .27537     Neuro 110 Clerkship Director   Pass   46   3.4505   .27473     Ratings Mean*   Honors   98   3.5477   .23801     Total   144   3.5167   .25347     Obgyn 110 Clerkship Director   Pass   46   3.3793   .34050     Ratings Mean*   Honors   98   3.5816   .31684     Total   144   3.5170   .33696     Peds 110 Clerkship Director   Pass   46   3.4321   .25848     Ratings Mean*   Honors   98   3.5568   .27604     Total   144   3.5169   .27589     Psych 110 Clerkship Director   Pass   46   3.5448   .19661     Ratings Mean   Honors   98   3.5918   .23024     Total   144   3.5768   .22047     Surg 110 110 Clerkship   Pass   46   3.4565   .31811     Director Ratings Mean*   Honors   98   3.6052   .26962     Director Ratings Mean*   Honors   98   3.6052   .26962     Director Ratings Mean*   Honors   98   3.6052   .26962     Ratings Mean*   Honors   98   3.6052   .26962     Company		Total	142	241.77	15.602
Total 144 3.5286 .29546  FCM 110 Clerkship Director Pass 46 3.4592 .25726  Ratings Mean* Honors 98 3.6173 .29250  Total 144 3.5668 .29040  Med 110 Clerkship Director Pass 46 3.4117 .28522  Ratings Mean* Honors 98 3.5867 .25330  Total 144 3.5308 .27537  Neuro 110 Clerkship Director Pass 46 3.4505 .27473  Ratings Mean* Honors 98 3.5477 .23801  Total 144 3.5167 .25347  Obgyn 110 Clerkship Director Pass 46 3.3793 .34050  Ratings Mean* Honors 98 3.5816 .31684  Total 144 3.5170 .33696  Peds 110 Clerkship Director Pass 46 3.4321 .25848  Ratings Mean* Honors 98 3.5568 .27604  Ratings Mean* Honors 98 3.5568 .27604  Ratings Mean* Honors 98 3.548 .19661  Ratings Mean Honors 98 3.5918 .23024  Total 144 3.5768 .22047  Surg 110 110 Clerkship Pass 46 3.4565 .31811  Director Ratings Mean* Honors 98 3.6052 .26962	Anes 110 Clerkship Director	Pass Pass	<mark>46</mark>	<mark>3.4524</mark>	.31213
FCM 110 Clerkship Director         Pass         46         3.4592         .25726           Ratings Mean*         Honors         98         3.6173         .29250           Total         144         3.5668         .29040           Med 110 Clerkship Director         Pass         46         3.4117         .28522           Ratings Mean*         Honors         98         3.5867         .25330           Neuro 110 Clerkship Director         Pass         46         3.4505         .27473           Ratings Mean*         Honors         98         3.5477         .23801           Total         144         3.5167         .25347           Obgyn 110 Clerkship Director         Pass         46         3.3793         .34050           Ratings Mean*         Honors         98         3.5816         .31684           Total         144         3.5170         .33696           Peds 110 Clerkship Director         Pass         46         3.4321         .25848           Ratings Mean*         Honors         98         3.5568         .27604           Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         9	Ratings Mean*	Honors	98	<mark>3.5644</mark>	.28187
Ratings Mean*   Honors   98   3.6173   .29250     Total   144   3.5668   .29040     Med 110 Clerkship Director   Pass   46   3.4117   .28522     Ratings Mean*   Honors   98   3.5867   .25330     Total   144   3.5308   .27537     Neuro 110 Clerkship Director   Pass   46   3.4505   .27473     Ratings Mean*   Honors   98   3.5477   .23801     Total   144   3.5167   .25347     Obgyn 110 Clerkship Director   Pass   46   3.3793   .34050     Ratings Mean*   Honors   98   3.5816   .31684     Total   144   3.5170   .33696     Peds 110 Clerkship Director   Pass   46   3.4321   .25848     Ratings Mean*   Honors   98   3.5568   .27604     Total   144   3.5169   .27589     Psych 110 Clerkship Director   Pass   46   3.5448   .19661     Ratings Mean   Honors   98   3.5918   .23024     Total   144   3.5768   .22047     Surg 110 110 Clerkship   Pass   46   3.4565   .31811     Director Ratings Mean*   Honors   98   3.6052   .26962     Director Ratings Mean*   Honors   98   3.6052   .26962     Contact		Total	144	3.5286	.29546
Total   144   3.5668   .29040	FCM 110 Clerkship Director	Pass Pass	<mark>46</mark>	<mark>3.4592</mark>	.25726
Med 110 Clerkship Director         Pass         46         3.4117         .28522           Ratings Mean*         Honors         98         3.5867         .25330           Total         144         3.5308         .27537           Neuro 110 Clerkship Director         Pass         46         3.4505         .27473           Ratings Mean*         Honors         98         3.5477         .23801           Total         144         3.5167         .25347           Obgyn 110 Clerkship Director         Pass         46         3.3793         .34050           Ratings Mean*         Honors         98         3.5816         .31684           Total         144         3.5170         .33696           Peds 110 Clerkship Director         Pass         46         3.4321         .25848           Ratings Mean*         Honors         98         3.5568         .27604           Total         144         3.5169         .27589           Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047	Ratings Mean*	Honors	<mark>98</mark>	<mark>3.6173</mark>	.29250
Ratings Mean*         Honors         98         3.5867         .25330           Neuro 110 Clerkship Director         Pass         46         3.4505         .27473           Ratings Mean*         Honors         98         3.5477         .23801           Total         144         3.5167         .25347           Obgyn 110 Clerkship Director         Pass         46         3.3793         .34050           Ratings Mean*         Honors         98         3.5816         .31684           Total         144         3.5170         .33696           Peds 110 Clerkship Director         Pass         46         3.4321         .25848           Ratings Mean*         Honors         98         3.5568         .27604           Total         144         3.5169         .27589           Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Ho		Total	144	3.5668	.29040
Total   144   3.5308   .27537	Med 110 Clerkship Director	<mark>Pass</mark>	<mark>46</mark>	<mark>3.4117</mark>	.28522
Neuro 110 Clerkship Director         Pass         46         3.4505         .27473           Ratings Mean*         Honors         98         3.5477         .23801           Total         144         3.5167         .25347           Obgyn 110 Clerkship Director         Pass         46         3.3793         .34050           Ratings Mean*         Honors         98         3.5816         .31684           Total         144         3.5170         .33696           Peds 110 Clerkship Director         Pass         46         3.4321         .25848           Ratings Mean*         Honors         98         3.5568         .27604           Total         144         3.5169         .27589           Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962	Ratings Mean*	<b>Honors</b>	<mark>98</mark>	<mark>3.5867</mark>	.25330
Ratings Mean*   Honors   98   3.5477   .23801     Total   144   3.5167   .25347     Obgyn 110 Clerkship Director   Pass   46   3.3793   .34050     Ratings Mean*   Honors   98   3.5816   .31684     Total   144   3.5170   .33696     Peds 110 Clerkship Director   Pass   46   3.4321   .25848     Ratings Mean*   Honors   98   3.5568   .27604     Total   144   3.5169   .27589     Psych 110 Clerkship Director   Pass   46   3.5448   .19661     Ratings Mean   Honors   98   3.5918   .23024     Total   144   3.5768   .22047     Surg 110 110 Clerkship   Pass   46   3.4565   .31811     Director Ratings Mean*   Honors   98   3.6052   .26962		Total	144	3.5308	.27537
Total   144   3.5167   .25347	Neuro 110 Clerkship Director	Pass Pass	<mark>46</mark>	<mark>3.4505</mark>	.27473
Obgyn 110 Clerkship Director         Pass         46         3.3793         .34050           Ratings Mean*         Honors         98         3.5816         .31684           Total         144         3.5170         .33696           Peds 110 Clerkship Director         Pass         46         3.4321         .25848           Ratings Mean*         Honors         98         3.5568         .27604           Total         144         3.5169         .27589           Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962	Ratings Mean*	<b>Honors</b>	<mark>98</mark>	<mark>3.5477</mark>	.23801
Ratings Mean*         Honors         98         3.5816         .31684           Total         144         3.5170         .33696           Peds 110 Clerkship Director         Pass         46         3.4321         .25848           Ratings Mean*         Honors         98         3.5568         .27604           Total         144         3.5169         .27589           Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962		Total	144	3.5167	.25347
Total       144       3.5170       .33696         Peds 110 Clerkship Director       Pass       46       3.4321       .25848         Ratings Mean*       Honors       98       3.5568       .27604         Total       144       3.5169       .27589         Psych 110 Clerkship Director       Pass       46       3.5448       .19661         Ratings Mean       Honors       98       3.5918       .23024         Total       144       3.5768       .22047         Surg 110 110 Clerkship       Pass       46       3.4565       .31811         Director Ratings Mean*       Honors       98       3.6052       .26962	Obgyn 110 Clerkship Director	Pass	<mark>46</mark>	<mark>3.3793</mark>	.34050
Peds 110 Clerkship Director         Pass         46         3.4321         .25848           Ratings Mean*         Honors         98         3.5568         .27604           Total         144         3.5169         .27589           Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962	Ratings Mean*	Honors	<mark>98</mark>	<mark>3.5816</mark>	.31684
Ratings Mean*         Honors         98         3.5568         .27604           Total         144         3.5169         .27589           Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962		Total	144	3.5170	.33696
Total   144   3.5169   .27589	Peds 110 Clerkship Director	Pass	<mark>46</mark>	<mark>3.4321</mark>	.25848
Psych 110 Clerkship Director         Pass         46         3.5448         .19661           Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962	Ratings Mean*	<b>Honors</b>	<mark>98</mark>	<mark>3.5568</mark>	.27604
Ratings Mean         Honors         98         3.5918         .23024           Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962		Total	144	3.5169	.27589
Total         144         3.5768         .22047           Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962	Psych 110 Clerkship Director	Pass	46	3.5448	.19661
Surg 110 110 Clerkship         Pass         46         3.4565         .31811           Director Ratings Mean*         Honors         98         3.6052         .26962	Ratings Mean	Honors	98	3.5918	.23024
Director Ratings Mean* Honors 98 3.6052 .26962		Total	144	3.5768	.22047
	Surg 110 110 Clerkship	Pass	<mark>46</mark>	<mark>3.4565</mark>	.31811
Total 144 3.5577 .29325	Director Ratings Mean*	Honors	98	<mark>3.6052</mark>	.26962
		Total	144	3.5577	.29325

Clerkship Medical Knowledge	Pass	<mark>46</mark>	3.2935	.17223
Clerkship Director Rating*	<b>Honors</b>	<mark>98</mark>	<mark>3.4452</mark>	.16796
	Total	144	3.3967	.18305
Clerkship Patient Care	Pass	<mark>46</mark>	<mark>3.3437</mark>	.15916
Clerkship Director Rating*	<b>Honors</b>	<mark>98</mark>	<mark>3.4821</mark>	.14846
	Total	144	3.4379	.16468
Clerkship Interpersonal Skills	Pass	<mark>46</mark>	<mark>3.5601</mark>	.18315
Clerkship Director Rating*	Honors	<mark>98</mark>	<mark>3.6845</mark>	.17202
	Total	144	3.6448	.18443
Clerkship Professionalism	<mark>Pass</mark>	<mark>46</mark>	<mark>3.5673</mark>	.18446
Clerkship Director Rating*	<b>Honors</b>	<mark>98</mark>	<mark>3.6907</mark>	.17231
	Total	144	3.6513	.18488

Table 8 – Comparison of Not UIM Students Assessed Outcomes for UIM students based on Acting internship (Sub I) Grade received (students who completed their clerkships in the P/F clerkship grading model)

		N	Mean	Std. Deviation
F1 Overall medical knowledge	<mark>Pass</mark>	<mark>44</mark>	<mark>.8441</mark>	.04484
exam score*	Honors	<mark>175</mark>	<mark>.8702</mark>	.04017
	Total	219	.8650	.04237
MED110 Clerkship exam score	Pass	58	71.22	10.000
	Honors	219	73.26	10.539
	Total	277	72.83	10.444
NEURO110 Clerkship exam	Pass Pass	<mark>58</mark>	<mark>74.24</mark>	8.568
score*	Honors	<mark>219</mark>	<mark>77.55</mark>	9.363
	Total	277	76.86	9.286
OBGYN110 Clerkship exam	Pass Pass	<mark>58</mark>	<mark>73.16</mark>	8.987
score*	Honors	<mark>219</mark>	<mark>76.68</mark>	9.125
	Total	277	75.94	9.193
PEDS110 Clerkship exam score	Pass	58	76.60	9.954
	Honors	219	77.59	10.196
	Total	277	77.39	10.136
PSYCH 110 Clerkship exam	Pass	<mark>58</mark>	<mark>78.78</mark>	6.996
score*	<b>Honors</b>	<mark>219</mark>	<mark>81.24</mark>	6.628
	Total	277	80.73	6.769
SURG 110 Clerkship exam	Pass	58	72.14	9.021
score	Honors	219	73.30	9.273
	Total	277	73.05	9.216
SUB-I clerkship director	Pass	<mark>58</mark>	<mark>3.690</mark>	.3354
ratings - Attributes and	Honors Property of the Honors	<mark>219</mark>	<mark>3.963</mark>	.1304
Responsibility*	Total	277	3.906	.2217
SUB-I clerkship director	Pass	<mark>58</mark>	<mark>3.595</mark>	.3306
ratings - Comm Patients and	Honors	<mark>219</mark>	<mark>3.906</mark>	.2069
Families*	Total	277	3.841	.2693
SUB-I clerkship director	Pass	<mark>58</mark>	<mark>3.198</mark>	.2639
ratings - Fund of Knowledge*	Honors	<mark>219</mark>	<mark>3.724</mark>	.2754
	Total	277	3.614	.3467
SUB-I clerkship director	Pass	<mark>58</mark>	<mark>3.362</mark>	.3077
ratings - History Taking*	<b>Honors</b>	<mark>219</mark>	<mark>3.781</mark>	.2621
	Total	277	3.693	.3209
SUB-I clerkship director	Pass	<mark>58</mark>	<mark>3.293</mark>	.3381
ratings - Oral Presentation*	<b>Honors</b>	<mark>219</mark>	<mark>3.801</mark>	.2676
	Total	277	3.695	.3508
	Pass Pass	<mark>58</mark>	<mark>3.259</mark>	.2847

SUB-I clerkship director	Honors	<b>219</b>	3.676	.3175
ratings - Physical/Mental	Total	277	3.588	.3540
Status Exam*	10tai	277	3.300	.55 10
SUB-I clerkship director	Pass Pass	<mark>58</mark>	3.241	.2689
ratings - Problem Solving*	Honors	219	3.826	.2433
	Total	277	3.704	.3443
SUB-I clerkship director	Pass	<mark>58</mark>	<mark>3.371</mark>	.2896
ratings - Record Keeping*	Honors	219	3.820	.2546
	Total	277	3.726	.3194
SUB-I clerkship director	Pass Pass	<mark>58</mark>	<mark>3.526</mark>	.3165
ratings - Self-Improvement*	Honors	<mark>219</mark>	<mark>3.913</mark>	.1957
	Total	277	3.832	.2755
SUB-I clerkship director	<mark>Pass</mark>	<mark>58</mark>	<mark>3.629</mark>	.3449
ratings - Relationship w/Team	Honors	<mark>219</mark>	<mark>3.938</mark>	.1648
Members*	Total	277	3.874	.2487
Step1 exam score	Pass	41	236.51	15.260
	Honors	165	241.29	16.982
	Total	206	240.34	16.727
Step2 exam Score*	Pass	<mark>57</mark>	<mark>244.63</mark>	11.661
	Honors	<mark>219</mark>	<mark>251.13</mark>	11.948
	Total	276	249.79	12.158
Anes 110 Clerkship Director	Pass	58	3.5442	.26231
Ratings Mean	Honors	219	3.5979	.24892
	Total	277	3.5866	.25225
FCM 110 Clerkship Director	Pass Pass	<mark>58</mark>	<mark>3.5636</mark>	.27343
Ratings Mean*	Honors	<mark>219</mark>	<mark>3.6741</mark>	.28063
	Total	277	3.6509	.28226
Med 110 Clerkship Director	Pass	<mark>58</mark>	<mark>3.5463</mark>	.27694
Ratings Mean*	<b>Honors</b>	<mark>219</mark>	<mark>3.6875</mark>	.20677
	Total	277	3.6579	.23004
Neuro 110 Clerkship Director	Pass	<mark>58</mark>	<mark>3.4770</mark>	.22441
Ratings Mean*	Honors	<mark>219</mark>	<mark>3.5702</mark>	.19872
	Total	277	3.5507	.20745
Obgyn 110 Clerkship Director	Pass	<mark>58</mark>	<mark>3.4418</mark>	.29077
Ratings Mean*	Honors	<mark>219</mark>	<mark>3.5984</mark>	.31812
	Total	277	3.5656	.31854
Peds 110 Clerkship Director	Pass	<mark>58</mark>	<mark>3.4537</mark>	.29023
Ratings Mean*	Honors	<mark>219</mark>	<mark>3.5915</mark>	.20720
	Total	277	3.5627	.23338
	Pass	<mark>58</mark>	<mark>3.5496</mark>	.21611

Psych 110 Clerkship Director	<b>Honors</b>	<mark>219</mark>	<mark>3.6230</mark>	.21712
Ratings Mean*	Total	277	3.6076	.21858
Surg 110 Clerkship Director	Pass	58	3.5496	.25401
Ratings Mean	Honors	219	3.6124	.23785
	Total	277	3.5993	.24221
Clerkship Medical Knowledge	Pass	<mark>58</mark>	<mark>3.3836</mark>	.14967
Clerkship Director Rating*	<mark>Honors</mark>	<mark>219</mark>	3.4823	.15382
	Total	277	3.4616	.15790
Clerkship Patient Care	Pass	<mark>58</mark>	<mark>3.4231</mark>	.13947
Clerkship Director Rating*	<b>Honors</b>	<mark>219</mark>	<mark>3.5257</mark>	.13163
	Total	277	3.5042	.13947
Clerkship Interpersonal Skills	Pass	<mark>58</mark>	<mark>3.5975</mark>	.15299
Clerkship Director Rating*	Honors	<mark>219</mark>	<mark>3.7111</mark>	.12770
	Total	277	3.6873	.14091
Clerkship Professionalism	Pass	<mark>58</mark>	<mark>3.6379</mark>	.15631
Clerkship Director Rating*	Honors	<mark>219</mark>	<mark>3.7288</mark>	.12581
	Total	277	3.7098	.13755

## **Appendix Tables**

Table A - Comparison of Assessed Outcomes for Students who Received Pass and Honors Acting internship (Sub I) grades

who completed their clerkships in the P/F clerkship grading model

		Receive	ed <u><b>Pas</b>s</u> Grade	in Sub I	Received <u>Honors</u> Grade in Sub I		
		N	Mean	SD	N	Mean	SD
F1 Overall medical knowledge	Not UIM	<mark>44*</mark>	.8441	.04484	175*	<mark>.8702</mark>	.04017
exam score	<mark>UIM</mark>	<mark>42</mark>	.8176	.04797	<mark>87</mark>	<mark>.8471</mark>	.04425
	Total	86	.8312	.04801	262	.8626	.04289
MED110 Clerkship exam score	Not UIM	<mark>58*</mark>	71.22	10.000	219	73.26	10.539
	<mark>UIM</mark>	<mark>46</mark>	66.41	9.916	98	71.33	10.733
	Total	104	69.10	10.201	317	72.66	10.620
NEURO110 Clerkship exam	Not UIM	58	74.24	8.568	219	77.55	9.363
score	UIM	46	72.15	8.451	98	75.88	9.547
	Total	104	73.32	8.539	317	77.03	9.437
OBGYN110 Clerkship exam	Not UIM	58	73.16	8.987	219	76.68	9.125
score	UIM	46	72.52	8.044	98	75.88	8.576
	Total	104	72.88	8.548	317	76.43	8.953
PEDS110 Clerkship exam score	Not UIM	58	76.60	9.954	219	77.59	10.196
	UIM	46	77.48	9.201	98	76.80	9.944
	Total	104	76.99	9.592	317	77.35	10.110
PSYCH 110 Clerkship exam	Not UIM	<mark>58*</mark>	78.78	6.996	219	81.24	6.628
score	<mark>UIM</mark>	<mark>46</mark>	75.04	9.975	98	79.90	8.672
	Total	104	77.13	8.604	317	80.83	7.334
SURG 110 Clerkship exam score	Not UIM	<mark>58*</mark>	<mark>72.14</mark>	9.021	219	73.30	9.273
	UIM	<mark>46</mark>	<mark>68.09</mark>	10.950	98	71.79	10.032
	Total	104	70.35	10.075	317	72.83	9.524
SUB-I clerkship director ratings	Not UIM	58	3.690	.3354	219	3.963	.1304
- Attributes and Responsibility	UIM	46	3.598	.3745	98	3.969	.1205
	Total	104	3.649	.3544	317	3.965	.1273
SUB-I clerkship director ratings	Not UIM	58	3.595	.3306	219	3.906	.2069
- Comm Patients and Families	UIM	46	3.522	.3489	98	3.929	.1759
	Total	104	3.563	.3391	317	3.913	.1978
SUB-I clerkship director ratings	Not UIM	58	3.198	.2639	219	3.724	.2754
- Fund of Knowledge	UIM	46	3.109	.2771	98	3.704	.2765
	Total	104	3.159	.2722	317	3.718	.2755
SUB-I clerkship director ratings	Not UIM	58*	3.362	.3077	219	3.781	.2621
- History Taking	UIM	46	3.217	.2916	98	3.786	.2872
	Total	104	3.298	.3078	317	3.782	.2697
SUB-I clerkship director ratings	Not UIM	58	3.293	.3381	219	3.801	.2676
- Oral Presentation	UIM	46	3.207	.2901	98	3.816	.2527

	Total	104	3.255	.3192	317	3.806	.2628
	Total	104	3.233	.5192	317	3.800	.2028
SUB-I clerkship director ratings	Not UIM	58	3.259	.2847	219	3.676	.3175
- Physical/Mental Status Exam	UIM	46	3.185	.2440	98	3.709	.2865
	Total	104	3.226	.2688	317	3.686	.3082
SUB-I clerkship director ratings	Not UIM	58	3.241	.2689	219	3.826	.2433
- Problem Solving	UIM	46	3.141	.3103	98	3.811	.2436
	Total	104	3.197	.2908	317	3.822	.2431
SUB-I clerkship director ratings	Not UIM	<mark>58*</mark>	3.371	.2896	219	3.820	.2546
- Record Keeping	<mark>UIM</mark>	<mark>46</mark>	3.250	.2528	98	3.821	.2513
	<mark>Total</mark>	<mark>104</mark>	3.317	.2792	317	3.820	.2531
SUB-I clerkship director ratings	Not UIM	58	3.526	.3165	<mark>219*</mark>	<mark>3.913</mark>	<mark>.1957</mark>
- Self-Improvement	UIM	46	3.554	.3202	<mark>98</mark>	<mark>3.862</mark>	<mark>.2357</mark>
	Total	104	3.538	.3169	<mark>317</mark>	<mark>3.897</mark>	<mark>.2099</mark>
SUB-I clerkship director ratings - Relationship w/Team	Not UIM	58	3.629	.3449	219	3.938	.1648
	UIM	46	3.609	.3147	98	3.954	.1451
Members	Total	104	3.620	.3305	317	3.943	.1589

<sup>\*</sup>p<.05

Table B - Comparison of Assessed Outcomes for Students who Received Pass and Honors Acting internship (Sub I) grades who completed their clerkships in the tiered clerkship grading model

N			erea cremonip grading moder						
Overall medical knowledge exam score         Not UIM         21         .8243         .04190         63         .8492         .04200           knowledge exam score         UIM         10         .7930         .03917         37         .8319         .04826           MED110 Clerkship         Not UIM         91         71.11         9.244         223         74.65         8.665           MED110 Clerkship         Not UIM         91         71.11         9.244         223         74.65         8.665           Exam score         UIM         51         68.82         8.708         96         73.32         8.971           NEURO110 Clerkship         Not UIM         91         77.67         6.915         223         79.07         7.556           exam score         UIM         51         75.35         6.805         96         78.14         8.241           Total         142         76.84         6.942         319         78.79         7.766           OBGYN110 Clerkship         Not UIM         91*         76.60         7.251         223         78.66         6.33           PEDS110 Clerkship         Not UIM         91         80.48         7.555         223         83.52 <th></th> <th></th> <th>Receiv</th> <th>ed <u>Pass</u> Grad</th> <th>le in Sub I</th> <th>Receive</th> <th colspan="3">Received <u>Honors</u> Grade in Sub I</th>			Receiv	ed <u>Pass</u> Grad	le in Sub I	Receive	Received <u>Honors</u> Grade in Sub I		
knowledge exam         UIM         10         .7930         .03917         37         .8319         .04828           score         Total         31         .8142         .04303         100         .8428         .04497           MED110 Clerkship         Not UIM         91         71.11         9.244         223         74.65         8.665           exam score         UIM         51         68.82         8.708         96         73.32         8.977           Total         142         70.29         9.091         319         74.25         8.765           NEURO110 Clerkship         Not UIM         91         77.67         6.915         223         79.07         7.556           exam score         UIM         51         75.35         6.805         96         78.14         8.241           Total         142         76.84         6.942         319         78.79         7.765           OBGYN110 Clerkship         Not UIM         91         80.48         7.555         23         38.52         5.955           exam score         UIM         51         78.18         6.455         96         82.59         5.452           PSYCH 110 Clerkship			N	Mean	SD	N	Mean	SD	
MED110 Clerkship   Not UIM   91   71.11   9.244   223   74.65   8.665	Overall medical	Not UIM	21	.8243	.04190	63	.8492	.04202	
MED110 Clerkship   Not UIM   91   71.11   9.244   223   74.65   8.665	knowledge exam	UIM	10	.7930	.03917	37	.8319	.04824	
NEURO110 Clerkship   Not UIM   91   77.67   6.915   223   79.07   77.65	score	Total	31	.8142	.04303	100	.8428	.04497	
Total   142   70.29   9.091   319   74.25   8.765	MED110 Clerkship	Not UIM	91	71.11	9.244	223	74.65	8.665	
NEURO110 Clerkship	exam score	UIM	51	68.82	8.708	96	73.32	8.971	
exam score         UIM         51         75.35         6.805         96         78.14         8.24*           Total         142         76.84         6.942         319         78.79         7.766           OBGYN110 Clerkship         Not UIM         91*         76.60         7.251         223         78.66         6.336           exam score         UIM         51         73.75         8.646         96         78.16         6.580           Total         142         75.58         7.872         319         78.51         6.404           PEDS110 Clerkship         Not UIM         91         80.48         7.555         223         83.52         5.954           exam score         UIM         51         78.18         6.455         96         82.59         5.453           PSYCH 110 Clerkship         Not UIM         91         78.87         6.004         223*         81.13         6.100           exam score         UIM         51         77.00         6.693         96         78.96         6.603           SURG 110 Clerkship         Not UIM         91         72.63         7.906         223*         74.57         7.744           exam score		Total	142	70.29	9.091	319	74.25	8.765	
Total	NEURO110 Clerkship	Not UIM	91	77.67	6.915	223	79.07	7.556	
OBGYN110 Clerkship         Not UIM         91*         76.60         7.251         223         78.66         6.33           exam score         UIM         51         73.75         8.646         96         78.16         6.58           Total         142         75.58         7.872         319         78.51         6.40           PEDS110 Clerkship         Not UIM         91         80.48         7.555         223         83.52         5.952           exam score         UIM         51         78.18         6.455         96         82.59         5.453           Total         142         79.65         7.242         319         83.24         5.813           PSYCH 110 Clerkship         Not UIM         91         78.87         6.004         223*         81.13         6.100           exam score         UIM         51         77.00         6.693         96         78.96         6.603           SURG 110 Clerkship         Not UIM         91         72.63         7.906         223*         74.57         7.744           exam score         UIM         51         70.90         7.281         96         72.07         7.775	exam score	UIM	51	75.35	6.805	96	78.14	8.247	
Not UIM   S1   73.75   8.646   96   78.16   6.580		Total	142	76.84	6.942	319	78.79	7.769	
Total   142   75.58   7.872   319   78.51   6.404	OBGYN110 Clerkship	Not UIM	<mark>91*</mark>	<mark>76.60</mark>	<mark>7.251</mark>	223	78.66	6.336	
PEDS110 Clerkship         Not UIM         91         80.48         7.555         223         83.52         5.954           exam score         UIM         51         78.18         6.455         96         82.59         5.453           Total         142         79.65         7.242         319         83.24         5.813           PSYCH 110 Clerkship         Not UIM         91         78.87         6.004         223*         81.13         6.107           exam score         UIM         51         77.00         6.693         96         78.96         6.603           SURG 110 Clerkship         Not UIM         91         72.63         7.906         223*         74.57         7.744           exam score         UIM         51         70.90         7.281         96         72.07         7.775           Total         142         72.01         7.706         319         73.82         7.826           SUB-I clerkship         Not UIM         91         3.643         .3273         223         3.966         .1253           director ratings -         UIM         51         3.538         .4208         96         3.964         .1307           SUB-I clerks	exam score	UIM	<mark>51</mark>	<mark>73.75</mark>	8.646	96	78.16	6.580	
Not UIM   S1   78.18   6.455   96   82.59   5.455		Total	142	75.58	7.872	319	78.51	6.404	
Total   142   79.65   7.242   319   83.24   5.815	PEDS110 Clerkship	Not UIM	91	80.48	7.555	223	83.52	5.954	
PSYCH 110 Clerkship	exam score	UIM	51	78.18	6.455	96	82.59	5.453	
SURG 110 Clerkship   Not UIM   91   72.63   7.906   223*   74.57   7.748		Total	142	79.65	7.242	319	83.24	5.815	
Total   142   78.20   6.301   319   80.47   6.325	PSYCH 110 Clerkship	Not UIM	91	78.87	6.004	<mark>223*</mark>	81.13	<mark>6.107</mark>	
SURG 110 Clerkship         Not UIM         91         72.63         7.906         223*         74.57         7.748           exam score         UIM         51         70.90         7.281         96         72.07         7.775           Total         142         72.01         7.706         319         73.82         7.828           SUB-I clerkship         Not UIM         91         3.643         .3273         223         3.966         .1259           director ratings -         UIM         51         3.588         .4208         96         3.964         .1307           Attributes and         Total         142         3.623         .3631         319         3.966         .1269           Responsibility         SUB-I clerkship         Not UIM         91         3.538         .3182         223         3.865         .2369           director ratings -         UIM         51         3.539         .3721         96         3.875         .2176           Comm Patients and         Total         142         3.539         .3372         319         3.868         .2310           Families         SUB-I clerkship         Not UIM         91         3.132         .3235	exam score	UIM	51	77.00	6.693	<mark>96</mark>	<mark>78.96</mark>	<mark>6.603</mark>	
exam score         UIM         51         70.90         7.281         96         72.07         7.775           Total         142         72.01         7.706         319         73.82         7.828           SUB-I clerkship         Not UIM         91         3.643         .3273         223         3.966         .1259           director ratings -         UIM         51         3.588         .4208         96         3.964         .1307           Attributes and Total         142         3.623         .3631         319         3.966         .1269           Responsibility         SUB-I clerkship         Not UIM         91         3.538         .3182         223         3.865         .2369           director ratings -         UIM         51         3.539         .3721         96         3.875         .2176           Comm Patients and Families         Total         142         3.539         .3372         319         3.868         .2310           Fundlies         SUB-I clerkship         Not UIM         91         3.132         .3235         223         3.668         .2959           director ratings -         UIM         51         3.059         .2941         96		Total	142	78.20	6.301	<mark>319</mark>	80.47	<mark>6.329</mark>	
Total         142         72.01         7.706         319         73.82         7.828           SUB-I clerkship         Not UIM         91         3.643         .3273         223         3.966         .1255           director ratings -         UIM         51         3.588         .4208         96         3.964         .1307           Attributes and Responsibility         Total         142         3.623         .3631         319         3.966         .1269           Responsibility         SUB-I clerkship         Not UIM         91         3.538         .3182         223         3.865         .2369           director ratings -         UIM         51         3.539         .3721         96         3.875         .2176           Comm Patients and Families         Total         142         3.539         .3372         319         3.868         .2310           Fundiles         SUB-I clerkship         Not UIM         91         3.132         .3235         223         3.668         .2959           director ratings -         UIM         51         3.059         .2941         96         3.661         .2669           SUB-I clerkship         Not UIM         91         3.275	SURG 110 Clerkship	Not UIM	91	72.63	7.906	<mark>223*</mark>	<mark>74.57</mark>	<mark>7.748</mark>	
SUB-I clerkship         Not UIM         91         3.643         .3273         223         3.966         .1255           director ratings -         UIM         51         3.588         .4208         96         3.964         .1307           Attributes and Responsibility         Total         142         3.623         .3631         319         3.966         .1269           SUB-I clerkship         Not UIM         91         3.538         .3182         223         3.865         .2369           director ratings -         UIM         51         3.539         .3721         96         3.875         .2176           Comm Patients and Families         Total         142         3.539         .3372         319         3.868         .2310           Families         SUB-I clerkship         Not UIM         91         3.132         .3235         223         3.668         .2950           director ratings -         UIM         51         3.059         .2941         96         3.661         .2669           SUB-I clerkship         Not UIM         91         3.275         .2715         223         3.769         .2498           SUB-I clerkship         Not UIM         91         3.275	exam score	UIM	51	70.90	7.281	<mark>96</mark>	<mark>72.07</mark>	<mark>7.775</mark>	
director ratings -         UIM         51         3.588         .4208         96         3.964         .1307           Attributes and Responsibility         Total         142         3.623         .3631         319         3.966         .1269           SUB-I clerkship         Not UIM         91         3.538         .3182         223         3.865         .2369           director ratings -         UIM         51         3.539         .3721         96         3.875         .2176           Comm Patients and Families         Total         142         3.539         .3372         319         3.868         .2310           Fundities         SUB-I clerkship         Not UIM         91         3.132         .3235         223         3.668         .2959           director ratings -         UIM         51         3.059         .2941         96         3.661         .2669           SUB-I clerkship         Not UIM         91         3.275         .2715         223         3.769         .2498           director ratings -         UIM         51         3.216         .3355         96         3.734         .3158           History Taking         Total         142         3.254		Total	142	72.01	7.706	<mark>319</mark>	<mark>73.82</mark>	<mark>7.828</mark>	
Attributes and Responsibility  SUB-I clerkship Not UIM 91 3.538 .3182 223 3.865 .2369 director ratings - UIM 51 3.539 .3721 96 3.875 .2176 Comm Patients and Total 142 3.539 .3372 319 3.868 .2310 Families  SUB-I clerkship Not UIM 91 3.132 .3235 223 3.668 .2959 director ratings - UIM 51 3.059 .2941 96 3.661 .2669 Fund of Knowledge Total 142 3.106 .3142 319 3.666 .2870 SUB-I clerkship Not UIM 91 3.275 .2715 223 3.769 .2498 director ratings - UIM 51 3.216 .3355 96 3.734 .3158 History Taking Total 142 3.254 .2962 319 3.759 .2713	SUB-I clerkship	Not UIM	91	3.643	.3273	223	3.966	.1255	
Responsibility  SUB-I clerkship Not UIM 91 3.538 .3182 223 3.865 .2369 director ratings - UIM 51 3.539 .3721 96 3.875 .2176 .2176 .2310 .3539 .3372 319 3.868 .2310 .3539 .3372 319 3.868 .2310 .3539 .3372 319 3.868 .2310 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3539 .3	director ratings -	UIM	51	3.588	.4208	96	3.964	.1307	
director ratings -         UIM         51         3.539         .3721         96         3.875         .2176           Comm Patients and Families         Total         142         3.539         .3372         319         3.868         .2310           Families         SUB-I clerkship         Not UIM         91         3.132         .3235         223         3.668         .2959           director ratings -         UIM         51         3.059         .2941         96         3.661         .2669           Fund of Knowledge         Total         142         3.106         .3142         319         3.666         .2870           SUB-I clerkship         Not UIM         91         3.275         .2715         223         3.769         .2498           director ratings -         UIM         51         3.216         .3355         96         3.734         .3158           History Taking         Total         142         3.254         .2962         319         3.759         .2713		Total	142	3.623	.3631	319	3.966	.1269	
Comm Patients and Families       Total       142       3.539       .3372       319       3.868       .2310         SUB-I clerkship       Not UIM       91       3.132       .3235       223       3.668       .2959         director ratings -       UIM       51       3.059       .2941       96       3.661       .2669         Fund of Knowledge       Total       142       3.106       .3142       319       3.666       .2870         SUB-I clerkship       Not UIM       91       3.275       .2715       223       3.769       .2498         director ratings -       UIM       51       3.216       .3355       96       3.734       .3158         History Taking       Total       142       3.254       .2962       319       3.759       .2713	SUB-I clerkship	Not UIM	91	3.538	.3182	223	3.865	.2369	
Families           SUB-I clerkship         Not UIM         91         3.132         .3235         223         3.668         .2959           director ratings -         UIM         51         3.059         .2941         96         3.661         .2669           Fund of Knowledge         Total         142         3.106         .3142         319         3.666         .2870           SUB-I clerkship         Not UIM         91         3.275         .2715         223         3.769         .2498           director ratings -         UIM         51         3.216         .3355         96         3.734         .3158           History Taking         Total         142         3.254         .2962         319         3.759         .2713	director ratings -	UIM	51	3.539	.3721	96	3.875	.2176	
director ratings -         UIM         51         3.059         .2941         96         3.661         .2665           Fund of Knowledge         Total         142         3.106         .3142         319         3.666         .2870           SUB-I clerkship         Not UIM         91         3.275         .2715         223         3.769         .2498           director ratings -         UIM         51         3.216         .3355         96         3.734         .3158           History Taking         Total         142         3.254         .2962         319         3.759         .2713		Total	142	3.539	.3372	319	3.868	.2310	
Fund of Knowledge         Total         142         3.106         .3142         319         3.666         .2870           SUB-I clerkship         Not UIM         91         3.275         .2715         223         3.769         .2498           director ratings -         UIM         51         3.216         .3355         96         3.734         .3158           History Taking         Total         142         3.254         .2962         319         3.759         .2713	S S	Not UIM	91	3.132	.3235	223	3.668	.2959	
SUB-I clerkship         Not UIM         91         3.275         .2715         223         3.769         .2498           director ratings -         UIM         51         3.216         .3355         96         3.734         .3158           History Taking         Total         142         3.254         .2962         319         3.759         .2713		UIM	51	3.059	.2941	96	3.661	.2665	
director ratings -         UIM         51         3.216         .3355         96         3.734         .3158           History Taking         Total         142         3.254         .2962         319         3.759         .2713		Total	142	3.106	.3142	319	3.666	.2870	
director ratings -         UIM         51         3.216         .3355         96         3.734         .3158           History Taking         Total         142         3.254         .2962         319         3.759         .2713	SUB-I clerkship	Not UIM	91		.2715				
History Taking Total 142 3.254 .2962 319 3.759 .2713	·							.3158	
	History Taking	Total						.2713	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Not UIM	91	3.181	.3537	223	3.832	.2506	

SUB-I clerkship	UIM	51	3.186	.2821	96	3.797	.2673
director ratings - Oral	Total	142	3.183	.3288	319	3.821	.2558
Presentation							
SUB-I clerkship	Not UIM	91	3.203	.2787	223	3.661	.2862
director ratings -	UIM	51	3.176	.3134	96	3.625	.2810
Physical/Mental	Total	142	3.194	.2908	319	3.650	.2847
Status Exam							
SUB-I clerkship	Not UIM	91	3.170	.3182	223	3.776	.2624
director ratings -	UIM	51	3.137	.2842	96	3.760	.2614
Problem Solving	Total	142	3.158	.3058	319	3.771	.2618
SUB-I clerkship	Not UIM	91	3.264	.2919	223	3.816	.2508
director ratings -	UIM	51	3.245	.3221	96	3.781	.2597
Record Keeping	Total	142	3.257	.3021	319	3.806	.2536
SUB-I clerkship	Not UIM	91	3.500	.3333	223	3.890	.2075
director ratings - Self-	UIM	51	3.431	.4002	96	3.865	.2234
Improvement	Total	142	3.475	.3589	319	3.882	.2124
SUB-I clerkship	Not UIM	91	3.604	.3376	223	3.944	.1581
director ratings -	UIM	51	3.549	.3501	96	3.943	.1601
Relationship w/Team	Total	142	3.585	.3419	319	3.944	.1585
Members							