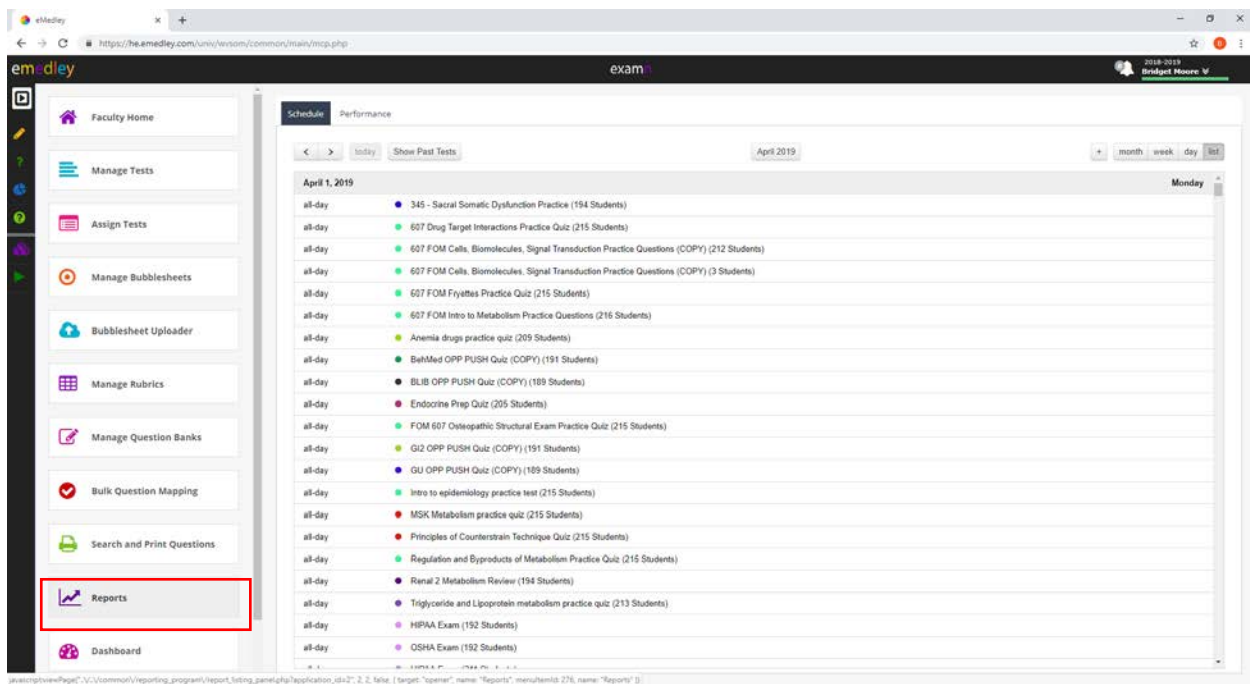
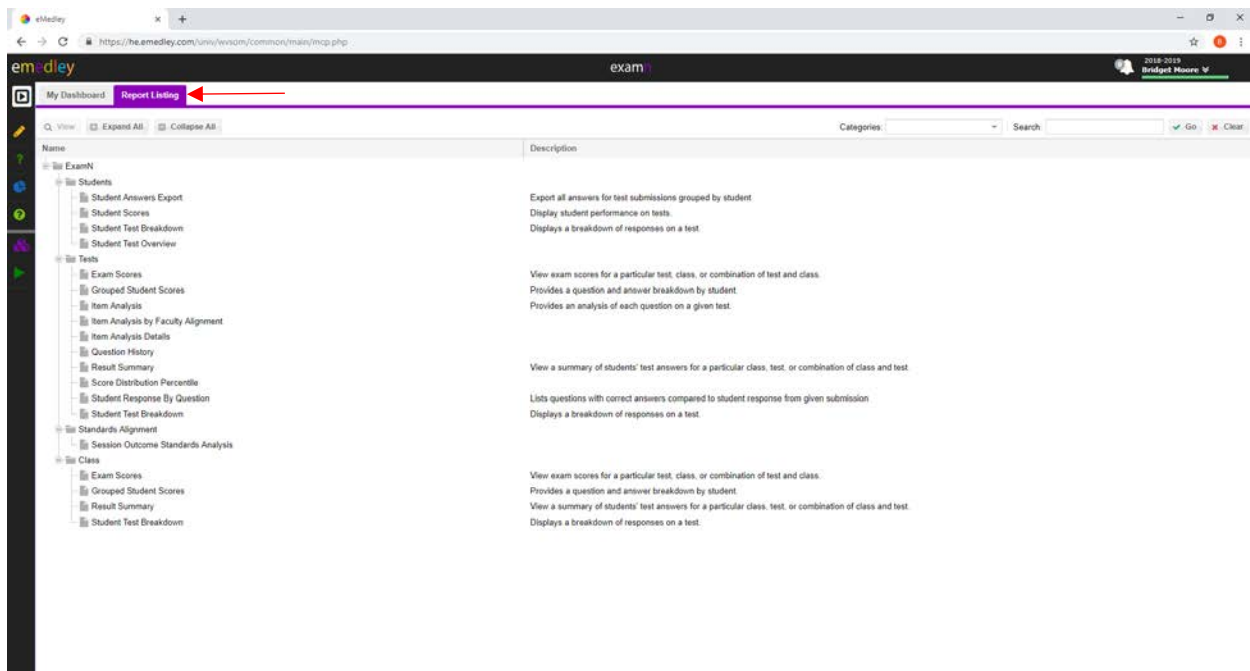


Accessing Reports in Examn

1. Once you are in examn, select the reports tab on the left side of the screen.



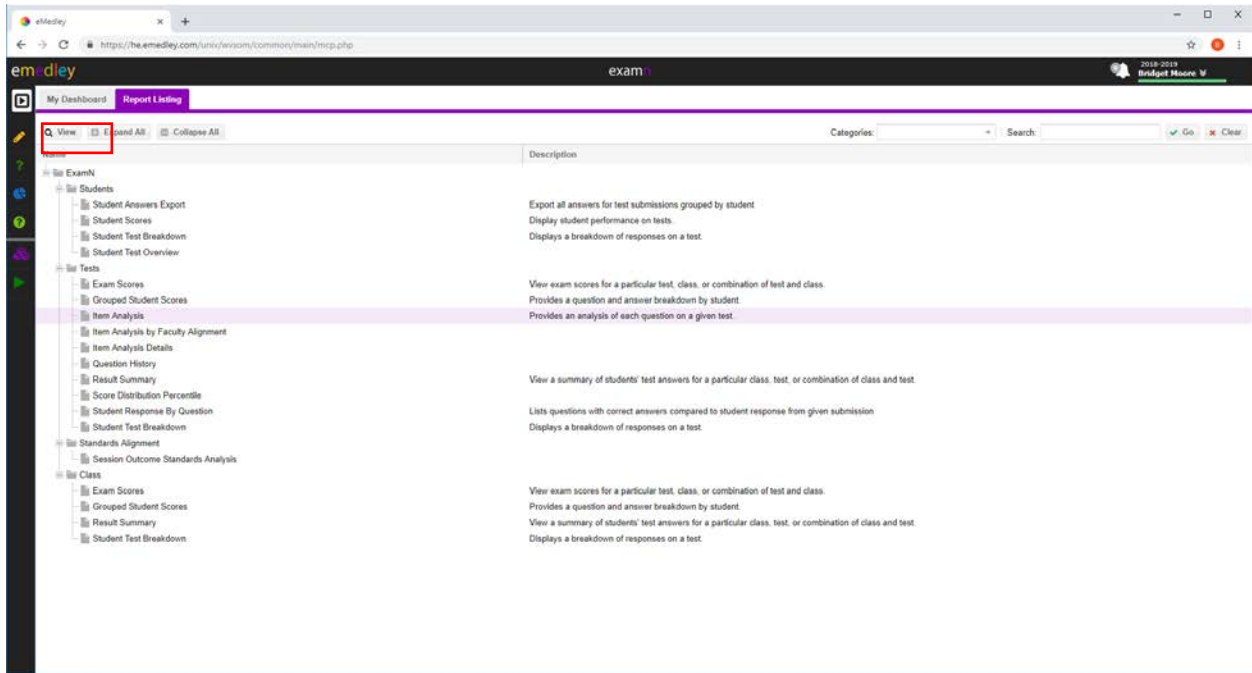
2. Click on *Report Listing* at the top of the screen.



3. From this screen you can select the report that you need.

4. Some of the basic reports that are frequently used are:
 - a. Item Analysis
 - b. Item Analysis by Faculty
 - c. Item Analysis Details
 - d. Score Distribution Percentile

5. To view a report, highlight the report name and then click *View*.



6. Then use the drop down menus to select the term, test and classes you want to use as filters for the report. Then click filter at the bottom of the screen.

emedy | exam | 2018-2019 | Bridget Moore

My Dashboard | Report Listing | Report 1


Filter [Save] [Print] [PDF]

Please select filters for this report and click the filter button to display results.

Test: [Dropdown]
Classes: [Dropdown]

Alignment Types

Type
<input checked="" type="checkbox"/> Disciplines
<input checked="" type="checkbox"/> Core Competencies
<input checked="" type="checkbox"/> NBOME Patient Presentations
<input checked="" type="checkbox"/> NBOME Physician Tasks
<input checked="" type="checkbox"/> Difficulty
<input checked="" type="checkbox"/> Bloom's Revised Taxonomy
<input checked="" type="checkbox"/> Order of Reasoning
<input checked="" type="checkbox"/> ECOPI/OPP
<input checked="" type="checkbox"/> Faculty



Filter Clear

Item Analysis

The Item Analysis shows the short form of Item Analysis (basic Information). It provides information on total points, median, mean, high and low scores, standard deviation and KR20 (reliability measure).

The screenshot shows the Item Analysis report for the exam '300 - Orientation Prerequisite (Version 1) - Preview'. The report includes summary statistics and a detailed table of item performance.

300 - Orientation Prerequisite (Version 1) - Preview												
School: West Virginia School of Osteopathic Medicine												
Section: Class of 2022												
Number of Students: 215												
Total Points Possible: 18.00				Median: 15.00				Highest Score: 18.00				
Standard Deviation: 2.05				Mean: 14.62				Lowest Score: 0.00				
Reliability Coefficient (KR20): 0.57												
No.	Question ID No.	Correct Group Response			Point Biserial	Correct Answer	Response Frequencies * Indicates correct answer					Non Distractors
		Total	Upper 27%	Lower 27%			A	B	C	D	E	
1	293471	88.84%	100.00%	75.86%	0.38	B	6	*191	0	12	4	C
2	293473	33.95%	65.52%	10.34%	0.41	B	11	*73	2	127	1	
3	293474	87.91%	100.00%	74.14%	0.35	C	6	19	*189	0	-	D
4	293475	86.51%	98.28%	74.14%	0.33	B	15	*186	7	6	0	E
5	293477	81.40%	98.28%	58.62%	0.43	D	1	1	31	*175	6	
6	293478	58.14%	100.00%	93.19%	0.34	E	0	0	2	1	*211	AB
7	293480	91.63%	100.00%	74.14%	0.43	B	0	*197	0	9	8	AC
8	293482	78.60%	94.83%	53.45%	0.41	E	6	3	0	28	*169	
9	293483	95.74%	100.00%	91.38%	0.36	D	3	0	0	*208	3	BC
10	293485	29.77%	63.79%	8.62%	0.47	E	57	54	11	28	*64	A
11	293486	58.60%	81.03%	39.66%	0.35	D	0	72	3	*126	13	A
12	293487	98.14%	100.00%	94.83%	0.33	D	2	0	1	*211	-	B
13	293489	71.16%	94.83%	46.55%	0.38	B	17	*153	20	0	24	D
14	293490	99.07%	100.00%	98.28%	0.36	B	0	*213	1	0	0	B ADE
15	293492	66.98%	86.21%	48.28%	0.33	A	*144	69	0	1	-	C
16	293493	99.53%	100.00%	98.28%	0.49	D	0	0	0	*214	0	ABCDE
17	293476	96.28%	100.00%	87.93%	0.42	C	0	5	*207	2	-	A
18	321448	98.60%	100.00%	94.83%	0.36	A	*212	0	2	0	-	BD

Item Analysis by Faculty

Searches for Item Analysis for each item used by a faculty member on a given test. Lists all items, but can filter by specific exams.

The screenshot shows the Item Analysis by Faculty report for the exam 'Describe the pharmacology of the drugs used to treat neurodegenerative diseases.' The report includes a table of item performance and a detailed alignment section.

Question ID No.	Correct Responses Diff(p)	Upper	Lower	Disc. Index	Point Biserial	Correct Answer	Response Frequencies					Non Distractors
							A	B	C	D	E	
293940 (Ver: 5)	0.69	95.74%	30.95%	0.40	0.48	D	12	12	38	*141	-	
-	-	-	-	-	-	% Selected	5.91%	5.91%	18.72%	69.46%	-	
-	-	-	-	-	-	Point Biserial (pb)	-0.27	-0.19	-0.29	0.48	-	
Total Points: 1												

Alignments

Disciplines	Pharm
Core Competencies	MKS, MKS_2.1
NBOME Patient Presentations	Patients With Presentations Related to Cognition, Behavior, Sensory & Central Nervous Systems, Substance Abuse, and Visceral and Sensory Pain
NBOME Physician Tasks	Management
Difficulty	
Bloom's Revised Taxonomy	COGNITIVE DOMAIN : COGNITIVE PROCESS DIMENSION, Understand (Comprehension)
Order of Reasoning	2nd
ECOP/OPP	
Session Outcomes	Describe the pharmacology of the drugs used to treat movement disorders.
Courses	736

Question ID No.	Correct Responses Diff(p)	Upper	Lower	Disc. Index	Point Biserial	Correct Answer	Response Frequencies					Non Distractors
							A	B	C	D	E	
293941 (Ver: 3)	1.00	100.00%	100.00%	0.00	0.00	C	0	0	*203	0	0	ABDE

Item Analysis Details

Traditionally what faculty expect with Item Analysis.

emuley exam 2018-2019 Barbara Carrico

My Dashboard Report Listing Report 2

Filter

Test: 300 - Orientation Prerequisite (V)

Classes:

Alignment Types

- Type
- Disciplines
- Core Competencies
- NBOME Patient Presentations
- NBOME Physician Tasks
- Difficulty
- Bloom's Revised Taxonomy
- Order of Reasoning
- ECOP/OPP
- Faculty

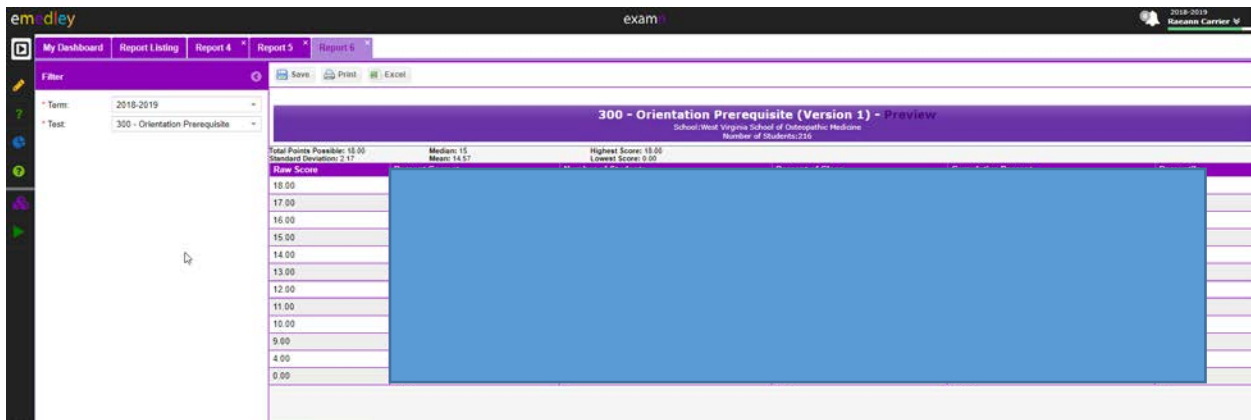
No.	Question ID No.	Correct Responses			Disc. Index	Point Biserial	Correct Answer	Response Frequencies					Non Distractors																				
		Diff(p)	Upper	Lower				A	B	C	D	E																					
1	293471 (Ver. 1)	0.88	100.00%	74.14%	0.15	0.41	B	6	*191	1	12	4	-																				
-	-	-	-	-	-	-	% Selected	2.78%	88.43%	0.46%	6.56%	1.85%	-																				
-	-	-	-	-	-	-	Point Biserial (pjb)	-0.27	0.38	-0.38	-0.16	-0.06	-																				
Total Points: 1																																	
ID: 293471-1																																	
A patient is prescribed an antibiotic that inhibits bacterial protein synthesis. Which of the following is the most likely target of this drug?																																	
[Redacted]																																	
<table border="1"> <tr><td>Core Competencies</td><td></td></tr> <tr><td>NBOME Patient Presentations</td><td></td></tr> <tr><td>NBOME Physician Tasks</td><td>Scientific Understanding of Health & Disease Mechanisms</td></tr> <tr><td>Difficulty</td><td></td></tr> <tr><td>Bloom's Revised Taxonomy</td><td>COGNITIVE DOMAIN: COGNITIVE PROCESS DIMENSION: Understand (Comprehension)</td></tr> <tr><td>Order of Reasoning</td><td>1st</td></tr> <tr><td>ECOP/OPP</td><td></td></tr> <tr><td>Faculty</td><td>Bridges, Kristie</td></tr> <tr><td>Session Outcomes</td><td></td></tr> <tr><td>Courses</td><td></td></tr> </table>														Core Competencies		NBOME Patient Presentations		NBOME Physician Tasks	Scientific Understanding of Health & Disease Mechanisms	Difficulty		Bloom's Revised Taxonomy	COGNITIVE DOMAIN: COGNITIVE PROCESS DIMENSION: Understand (Comprehension)	Order of Reasoning	1st	ECOP/OPP		Faculty	Bridges, Kristie	Session Outcomes		Courses	
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Faculty	Bridges, Kristie																																
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No.	Question ID No.	Correct Responses			Disc. Index	Point Biserial	Correct Answer	Response Frequencies					Non Distractors																				
		Diff(p)	Upper	Lower				A	B	C	D	E																					
2	293473 (Ver. 1)	0.34	67.24%	8.62%	0.77	0.46	B	12	*73	2	127	1	-																				
-	-	-	-	-	-	-	% Selected	6.56%	33.80%	0.93%	58.80%	0.46%	-																				
-	-	-	-	-	-	-	Point Biserial (pjb)	-0.22	0.43	-0.03	-0.29	-0.13	-																				
Total Points: 1																																	

Key Item Analysis Information

- Flagged questions need to be reviewed in a post-exam analysis.
- Flagged characteristics include:
 - Difficulty (p) < 0.75 (meaning less than 75% of students got it correct) **AND**,
 - Point Bi-serial < 0.20 (comparison of the students who got it correct/incorrect and their overall performance on the exam).
 - These two parameters give us a sense of how difficult a question is and how well it discriminates between students who performed well or who performed poorly.

Score Distribution Percentile

- Breaks down student distribution within each exam.



Question History

Version	Modify Date	Test	Difficulty	Point Biserial	Attempted	Unattempted	Total Right	Total Wrong	Response Frequencies					Correct Answer	Non Distractors
									A	B	C	D	E		
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	09-08-2017		0.89	0.41	203	0	180	23	8	4	8	2	180	E	-
3	09-08-2017		1.00	0.00	1	0	1	0	0	0	0	0	1	E	A,B,C,D
3	09-08-2017		0.00	0.00	1	0	0	1	0	0	0	0	0	E	A,B,C,D
Overall	-		0.88	0.44	205	0	181	24	-	-	-	-	-	-	-

Remember, most items may have many versions, but not a lot of statistics.

The example above shows data for this item on a quiz, a re-test, and a practice viewing for an upcoming test.