Licensure Pass Rate Improvement Plan Updates

Bachelor of Nursing (BSN) Program
Doctor of Pharmacy (PharmD) Program
Doctor of Physical Therapy (DPT) Program
Focus of Monthly Meetings

Focus
• Updates on Progress to Achieve and Sustain Academic Excellence in FAMU’s Health Professions Programs
• Timely Updates

Today’s Meeting
• Update on Key Performance Indicators (KPI)
• Key Updates
### Nursing KPI Snapshot

#### Admissions:
- TEAS full integration began in Spring 2021. Data has been collected to determine the necessary benchmark needed for admission/student success. To be in alignment with other schools of nursing the benchmark will be raised to 75% proficiency in all sections beginning Fall 2022.

#### Retention:
- **GPA:** The slight drop in 2021 may be due to the new, more rigorous curriculum revision. We need to reevaluate the benchmark. A 2.80 GPA (B-/80 - 82) may be a better goal, as it aligns with the next level progression goals.
- **Program Completion Rates:** Having a high retention and completion rate, and low pass rates signify programmatic issues.
  - Higher attrition occurs with increased rigor.

#### NCLEX Readiness and Outcomes:
- **Diagnostic Exams:** Content mastery exams are administered to students in several courses to assess mastery of specific content related to the NCLEX.
- **NCLEX Predictor Exam:** The program administers the ATI Comprehensive Predictor Exam to students during their final semester. This exam is an accurate predictor of success on the NCLEX exam.
- **NCLEX Scores:** The National Council Licensure Examination (NCLEX) Exam is administered four times per year.

#### Accreditation Status:
- **ACEN:** The BSN program is accredited by the Accreditation Commission for Education in Nursing (ACEN). The program is on continuing accreditation status due to non-compliance with Criteria 6.2 (licensure exam outcomes). Site Visit conducted in April (decision expected Sept. 2022).

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### Current Data

<table>
<thead>
<tr>
<th>Metric</th>
<th>Rationale for Use</th>
<th>2022 Graduating Cohort</th>
<th>2021 Graduating Cohort</th>
<th>2020 Graduating Cohort</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions Exam</td>
<td>The ATI Test of Essential Academic Skills (TEAS) is a diagnostic test for nursing applicants. It provides an assessment of student readiness for the rigors of the nursing program.</td>
<td>L2: 15.6% (5)</td>
<td>L2: 15.4% (5)</td>
<td>L2: 8.1% (2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>L1: 59.4% (19)</td>
<td>L1: 26.9% (7)</td>
<td>L2: 31.8% (7)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BL: 25% (8)</td>
<td>L1: 42.3% (11)</td>
<td>L1: 36.4% (8)</td>
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<td></td>
<td></td>
<td></td>
<td>BL: 15.4% (4)</td>
<td>BL: 22.7% (5)</td>
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<tr>
<td>UG GPA (Science and Math)</td>
<td>The cohort science and mathematics average GPA provides an assessment of the overall quality and level of preparedness of the entering cohort.</td>
<td>Spring 2022: 3.58</td>
<td>Fall 2021: 3.55</td>
<td>Spring 2021: 3.45</td>
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<td>GPA of First-Year Cohort</td>
<td>First semester and first-year GPA provide an assessment of student mastery of content.</td>
<td>Fall 2021 Cohort: 2.80</td>
<td>Fall 2020 Cohort: 3.00</td>
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<tr>
<td>Program Completion Rates</td>
<td>Program completion is measured from the time students enter the program until they graduate upon completing the remaining 60 credits of professional level nursing courses in five semesters.</td>
<td>Graduating Cohort Spring 2022: 34%</td>
<td>Graduating Cohort Spring 2021: 86%</td>
<td>Graduating Cohort 2021: 80% 2022: 70%</td>
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<td>NCLEX Readiness and Outcomes</td>
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<td>The program administers the ATI Comprehensive Predictor Exam to students during their final semester. This exam is an accurate predictor of success on the NCLEX exam.</td>
<td>Graduating Cohort Spring 2022: 78.7% (1st time above national average)</td>
<td>Graduating Cohort Fall 2021: 75.2%</td>
<td>Graduating Cohort &gt;77%</td>
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<td>NCLEX Scores</td>
<td>The National Council Licensure Examination (NCLEX) Exam is administered four times per year.</td>
<td>Current Year by Quarter 1st: 64.71 (Total)% 73.33% (Dec 2021 Grads)</td>
<td>FAMU (National) 2021: 62.30% (84%) 2020: 66.67% (88%) 2019: 63.44% (91%)</td>
<td>85%</td>
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<td>Accreditation Status</td>
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### Pharmacy KPI Snapshot

#### Admissions:
- **GPA:** Goals were exceeded.

#### Retention:
- Failure rates in the predictive courses, Drug Metabolism I and II were below the established goal.
- Academic dismissals are below the established goal.

#### NAPLEX Readiness and Outcomes:
- Ninety-five percent of learners passed the comprehensive examination by the third attempt.
- Overall, 2021 NAPLEX results exceed state of Florida and national averages.

#### Accreditation:
- Supplemental information requested after the November onsite evaluation has been submitted. The response will be known after the late June meeting of the Board.

### Notes

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<td><strong>Admissions</strong></td>
<td>The Pharmacy College Admission Test (PCAT) is a standardized test that helps identify qualified applicants.</td>
<td>The FAMU PharmD program will begin requiring the PCAT for the Fall 2023 entering cohort as part of the admissions process.</td>
<td>TBD (Goals will be established based on analysis of trend data)</td>
</tr>
</tbody>
</table>
| **UG GPA (Science and Math)** | The cohort science and mathematics average GPA provides an assessment of the overall quality and level of preparedness of the entering cohort. | Fall 2022: TBD
Fall 2021: 3.34
Fall 2020: 3.16
Fall 2019: 3.17 | Fall 2021: >3.25
Fall 2022: >3.30
Fall 2022: >3.30 |
| **Retention** | Monitoring failure rates in critical courses helps to assess student mastery of foundational knowledge and readiness for the NAPLEX. | PHA 3102
2021: 5.1%
2020: 2.3%
2019: 2.3%

53% of failures in this course do not graduate. | Fall 2022: <6%
PHA 3106
2021: 0%
2020: 1.2%
2019: 0%

32% of failures in this course do not reach the third year of the program. | Spring 2023: <6% |
| **Program Completion Rates** | ACPE annually monitors progression trends of the graduating class for accredited programs. Programs must remain below established thresholds. *Overall attrition includes delayed graduation, withdrawals, and dismissals for each graduating class.** | Academic Dismissals
2022 Graduates: 1%
2021 Graduates: 5%
2020 Graduates: 8%

Overall Attrition*
2022 Graduates: 43%
2021 Graduates: 49%
2020 Graduates: 25% | Academic Dismissals
<6%
Attrition
<24% |
| **NAPLEX Readiness and Outcomes** | The program administers the Pharmacy Curriculum Outcomes Assessment (PCOA) in the P3 year to assess the effectiveness of the didactic curriculum with respect to preparing learners for the NAPLEX. | FAMU (National)
2022: 205 (345)
2021: 306 (343)
2020: 321 (344)

Achieve the national average. | Percent of Cohort Passing by the Third Attempt
Spring 2022: 95%
Spring 2021: 91%
Spring 2020: 43%

Spring 2023: >90%
Spring 2024: >90% |
| **Comprehensive Exam** | The program administers the Comprehensive Exam to learners during their final semester (P4). A minimum score of 75% is required to pass; they are given five opportunities. | FAMU (National)
2021: 90% (84%)
2020: 80% (87%)
2019: 79% (87%)

2021: 85%
2022: 85%
2023: 90% |  |
| **NAPLEX Scores** | Candidates are allowed a maximum of five attempts on the North American Pharmacist Licensure Examination (NAPLEX). | FAMU (National)
2021: 90% (84%)
2020: 80% (87%)
2019: 79% (87%)

2021: 85%
2022: 85%
2023: 90% |  |

### Accreditation Status

- **ACPE:** The PharmD program is accredited by the Accreditation Council for Pharmacy Education (ACPE)
- The program is fully accredited through June 2022. The next onsite evaluation is scheduled for Spring 2024.
## Admissions

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<td><strong>Admissions Exam (GRE)</strong></td>
<td>The Graduate Record Exam (GRE) is a standardized exam that assesses analytical writing, verbal reasoning and quantitative reasoning skills. Applicant GRE scores are correlated with NPTE first-time pass rates (Cumulative score greater than 300 and quantitative score greater than 147 are positive predictors).</td>
<td>GRE-Total Fall 2021: 302 Fall 2020: 302.32 Fall 2019: 303.80 Fall 2018: 302.18</td>
<td>GRE-Total Fall 2021: 151 Fall 2020: 151.12 Fall 2019: 150.76 Fall 2018: 151.45 GRE-Quantitative Fall 2021: &gt;300 Fall 2020: &gt;150</td>
</tr>
<tr>
<td><strong>UG GPA</strong></td>
<td>Analysis of historical cohort data indicates a positive correlation of licensure pass rates with cumulative GPA and GPA earned over the last 60 hours of the undergraduate record.</td>
<td>Cumulative Fall 2021: 3.29 Fall 2020: 3.49 Fall 2019: 3.43 Fall 2018: 3.44</td>
<td>Last 60 Hours Fall 2021: 3.52 Fall 2020: 3.51 Fall 2019: 3.49 Fall 2018: 3.41 Cumulative Fall 2021: &gt;3.5 Last 60 Hours Fall 2021: &gt;3.5</td>
</tr>
</tbody>
</table>

## Retention

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<tr>
<td><strong>GPA of First-Year Cohort</strong></td>
<td>Analysis of historical cohort data indicates a positive correlation of licensure pass rates with first-semester (fall) GPA.</td>
<td>First-Semester Fall 2021: 3.59 Fall 2020: 3.52 Fall 2019: 3.32 Fall 2018: 3.69 First-Semester Fall 2021: &gt;3.3</td>
<td>First-Semester Fall 2021: &gt;3.3</td>
</tr>
<tr>
<td><strong>Cohort Progression Rates</strong></td>
<td>Monitors percentage of students in each entering cohort who remain on track with the program curriculum and graduate on time (program takes three years to complete).</td>
<td>Cohort Fall 2021: 100% Fall 2020: 92% Fall 2019: 92% Fall 2018: 95.8% Progression Rate Fall 2021: &gt;95%</td>
<td>Progression Rate Fall 2021: &gt;95%</td>
</tr>
</tbody>
</table>

## NPTE Readiness and Outcomes

### Diagnostic Exams

Beginning with the 2021-22 academic year, the program will administer comprehensive exams to each cohort during the spring semester to assess student mastery of content and readiness to progress.

**Spring 2022: 2nd Yr Cohort Comprehensive Skills Check Off**
- 1st attempt: 0% (0/22)
- 2nd attempt: 68% (15/22)
- 3rd attempt: 100% (22/22)

**Spring 2022: 3rd Yr Cohort Comprehensive Exit Exam**
- 1st attempt: 42% (10/24)
- 2nd attempt: 83% (20/24)
- 3rd attempt: 100% (24/24)

**Cohort Average**
- 2nd yr. Cohort: perform patient care with less than 50% assist (CPI)
- 3rd yr. Cohort: 90%+ first time pass rate

### NPTE Scores

The National Physical Therapy Exam (NPTE) Exam is administered four times per year (January, April, July and October). The FL BOG tracks the three-year average in the annual Accountability Plan.

**Annual First-Time Pass Rate (National)**
- 2021: 82% (88%)
- 2020: 88% (91%)
- 2019: 86.4% (91%)
- 2018: 73.9% (91%)

**3-Year Average (National)**
- 2021: 85.5% (90%)
- 2020: 83% (91%)
- 2019: 69% (91%)
- 2018: 69% (92%)

**Annual First-Time Pass Rate**
- 90%

## Accreditation Status

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<tbody>
<tr>
<td><strong>CAPTE</strong></td>
<td>The DPT program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE)</td>
<td>The program is fully accredited through 2024.</td>
<td>The program is fully accredited through 2024.</td>
</tr>
</tbody>
</table>

## Physical Therapy KPI Snapshot

### NPTE Readiness and Outcomes:

To assist in determining clinical readiness and progression, the first Comprehensive Skills Check-Off was administered to PY-2 DPT students at the conclusion of the spring semester. The examination was designed to align with the expectations of the first clinical experience as determined by the Clinical Performance Instrument (CPI). Unexpectedly, the cohort as a whole was NOT successful with their first attempt, but improved to 68% on the second, and 100% on the third. This outcome will be assessed at the conclusion of summer semester, against CPI, where the expectation is the performance of patient skills with less than 50% assistance.

The Comprehensive Exit Examination is given to PY-3 students at the conclusion of spring semester. Students are given 2 attempts during this time, with 5 days between attempts. (Additional attempts are withheld 6-8 weeks post spring graduation). As of June 8th, acceptable passing scores have been achieved by all 24 students. In continued preparation for upcoming NPTE attempts, students have ongoing access (1 year) to Final Frontier Preparatory Course.
Nursing
• Legislative Allocation ($1.08M)

Strategic Recruitment Initiative