

# **Institutional Effectiveness Report**

<b>Name of Program:</b>	<b>Physician Assistant Studies</b>
<b>Year:</b>	<b>2018-2019</b>
<b>Name of Preparer:</b>	<b>April H. Martin</b>

## **Program Mission Statement**

- The Francis Marion University Physician Assistant Program seeks to educate excellent primary care physician assistants to become compassionate, ethical, and clinically skillful graduates who are ready to provide health care services with personal and professional integrity.
- The FMU Mission Statement establishes a priority of excellence in teaching and learning while serving the Pee Dee region and the state of South Carolina. The FMU PA Program mission statement aligns with these goals by educating excellent primary care PA's to serve by providing health care services to the residents of the Pee Dee and South Carolina.

## **Program Learning Outcomes (PLOs)**

- The first-time pass rate for each graduating class on the Physician Assistant National Certifying Exam (PANCE) will be at or above the national average.
- The student attrition rate for each cohort will be 3.5% or less.
- The employment rate at six months after program completion will be 95%.
- Fifty percent of graduates will be employed in primary care after graduation.
- All students will complete a required clinical rotation in an underserved area.

## **Student Learning Outcomes (SLOs)**

- 1) Demonstrate the knowledge to diagnose, treat, and educate patients from diverse populations presenting with diseases across all organ systems and across the life span.
- 2) Demonstrate the skills necessary to effectively collaborate interprofessionally with all members of the healthcare team as well as communicate with patients and their families to provide optimal care.
- 3) Demonstrate competence in performing diagnostic and therapeutic procedures, gathering information, and formulating appropriate treatment plans for patients of all acuity levels.
- 4) Develop and consistently demonstrate professionalism in all aspects of the role of a Physician Assistant.
- 5) Demonstrate the ability to improve upon their practice as a Physician Assistant by critical self-assessment and evaluation of their knowledge, skills, and practice and critical analysis of evidence-based medicine and medical literature as resources.
- 6) Demonstrate critical thinking skills for sound medical decision-making in all aspects of healthcare delivery to include influences of society, economics, and the organization in which the Physician Assistant practices.

## Assessment Methods

- 1) Demonstrate the knowledge to diagnose, treat, and educate patients from diverse populations presenting with diseases across all organ systems, acuity levels and across the life span.

### METHOD of EVALUATION:

- Written Examinations (DIRECT)
    - Baseline – 84%
    - Benchmark -70%
    - Target – 84%
  - Objective Structured Clinical Examinations (OSCE) (DIRECT)
    - Baseline – 93%
    - Benchmark – 70%
    - Target – 93%
  - Preceptor Evaluation of the Student (INDIRECT)
    - Baseline – 95.64%
    - Benchmark – 70%
    - Target – 95%
  - Practical Examinations (DIRECT)
    - Baseline – 82%
    - Benchmark – 70%
    - Target – 82%
  - Case Presentations (INDIRECT)
    - Baseline – 98%
    - Benchmark – 70%
    - Target – Will not incorporate for next cohort
- 2) Demonstrate the skills necessary to effectively collaborate interprofessionally with all members of the healthcare team as well as communicate with patients and their families to provide optimal care.
    - Objective Structured Clinical Examinations (OSCE) (DIRECT)
      - Baseline – 93%
      - Benchmark – 70%
      - Target – 93%
    - Preceptor Evaluation of the Student (INDIRECT)
      - Baseline – 95.64%
      - Benchmark – 70%
      - Target – 95%
    - Practical Examinations (DIRECT)
      - Baseline – 82%
      - Benchmark – 70%
      - Target – 82%
    - Case Presentations (INDIRECT)
      - Baseline – 98%

- Benchmark – 70%
  - Target – Will not incorporate for next cohort
- 3) Demonstrate competence in performing diagnostic and therapeutic procedures, gathering information, and formulating appropriate treatment plans for patients of all acuity levels across the lifespan.
- Written Examinations (DIRECT)
    - Baseline – 84%
    - Benchmark – 70%
    - Target – 84%
  - Objective Structured Clinical Examinations (OSCE) (DIRECT)
    - Baseline – 93%
    - Benchmark – 70%
    - Target – 93%
  - Preceptor Evaluation of the Student (INDIRECT)
    - Baseline – 95.64%
    - Benchmark – 70%
    - Target – 95%
  - Practical Examinations (DIRECT)
    - Baseline – 82%
    - Benchmark – 70%
    - Target – 82%
  - Case Presentations (INDIRECT)
    - Baseline – 98%
    - Benchmark – 70%
    - Target – Will not incorporate for next cohort
- 4) Develop and consistently demonstrate professionalism in all aspects of the role of a Physician Assistant.
- Objective Structured Clinical Examinations (OSCE) (DIRECT)
    - Baseline – 93%
    - Benchmark – 70%
    - Target – 93%
  - Preceptor Evaluation of the Student (INDIRECT)
    - Baseline – 95.64%
    - Benchmark – 70%
    - Target – 95%
  - Practical Examinations (DIRECT)
    - Baseline – 82%
    - Benchmark – 70%
    - Target – 82%
- 5) Demonstrate the ability to improve upon their practice as a Physician Assistant by critical self-assessment and evaluation of their knowledge, skills, and practice and critical analysis of evidence-based medicine and medical literature as resources.

- Objective Structured Clinical Examinations (OSCE) (DIRECT)
    - Baseline – 93%
    - Benchmark – 70%
    - Target – 93%
  - Preceptor Evaluation of the Student (INDIRECT)
    - Baseline – 95.64%
    - Benchmark – 70%
    - Target – 95%
  - Case Presentations (INDIRECT)
    - Baseline – 98%
    - Benchmark – 70%
    - Target – Will not incorporate for next cohort
  - Literature Review (DIRECT)
    - Baseline – 97%
    - Benchmark – 70%
    - Target – 97%
- 6) Demonstrate critical thinking skills for sound medical decision-making in all aspects of healthcare delivery to include influences of society, economics, and the organization in which the Physician Assistant practices.
- Written Examinations (DIRECT)
    - Baseline – 84%
    - Benchmark -70%
    - Target – 84%
  - Objective Structured Clinical Examinations (OSCE) (DIRECT)
    - Baseline – 93%
    - Benchmark – 70%
    - Target – 93%
  - Preceptor Evaluation of the Student (INDIRECT)
    - Baseline – 95.64%
    - Benchmark – 70%
    - Target – 95%
  - Practical Examinations (DIRECT)
    - Baseline – 82%
    - Benchmark – 70%
    - Target – 82%
  - Case Presentations (INDIRECT)
    - Baseline – 98%
    - Benchmark – 70%
    - Target – Will not incorporate for next cohort

## Assessment Results

- 1) Demonstrate the knowledge to diagnose, treat, and educate patients from diverse populations presenting with diseases across all organ systems and across the life span.
  - The benchmarks for all assessment methods were met and the baseline mean exceeded the benchmark. There are 32 students in the program and all were evaluated across all categories for the Class of 2018. The summative exam within the last 4 months of the program resulted in the 84% baseline mean for the cohorts performance.
- 2) Demonstrate the skills necessary to effectively collaborate interprofessionally with all members of the healthcare team as well as communicate with patients and their families to provide optimal care.
  - The benchmarks for all assessment methods were met and the baseline mean exceeded the benchmark. There are 32 students in the program and all were evaluated across all categories for the Class of 2018. The OSCE examinations within the last 4 months of the program resulted in the 93% baseline mean for the cohorts performance.
- 3) Demonstrate competence in performing diagnostic and therapeutic procedures, gathering information, and formulating appropriate treatment plans for patients of all acuity levels.
  - The benchmarks for all assessment methods were met and the baseline mean exceeded the benchmark. There are 32 students in the program and all were evaluated across all categories for the Class of 2018. The OSCE examinations within the last 4 months of the program resulted in the 93% baseline mean for the cohorts performance.
- 4) Develop and consistently demonstrate professionalism in all aspects of the role of a Physician Assistant.
  - The benchmarks for all assessment methods were met and the baseline mean exceeded the benchmark. There are 32 students in the program and all were evaluated across all categories for the Class of 2018. The OSCE examinations within the last 4 months of the program resulted in the 93% baseline mean for the cohorts performance.
- 5) Demonstrate the ability to improve upon their practice as a Physician Assistant by critical self-assessment and evaluation of their knowledge, skills, and practice and critical analysis of evidence-based medicine and medical literature as resources.
  - The benchmarks for all assessment methods were met and the baseline mean exceeded the benchmark. There are 32 students in the program and all were

evaluated across all categories for the Class of 2018. The capstone project resulted in the 97% baseline mean for the cohorts performance.

- 6) Demonstrate critical thinking skills for sound medical decision-making in all aspects of healthcare delivery to include influences of society, economics, and the organization in which the Physician Assistant practices.
  - The benchmarks for all assessment methods were met and the baseline mean exceeded the benchmark. There are 32 students in the program and all were evaluated across all categories for the Class of 2018. The preceptor evaluations resulted in the 95.64% baseline mean for the cohorts performance.

### **Action Items**

- All benchmarks were met.
- Data will be used to determine if benchmarks should be changed based on the cohorts performance on the PANCE (national certification examination).
- As another cohort completes the program, data will be used to determine more accurate benchmarks.

### **Executive Summary of Report**

- The Program Learning Outcomes were revised by the faculty of the PA program to ensure the outcomes were specific, measurable, and reportable. The current Program Learning Outcomes reflect the Francis Marion University Physician Assistant Program's ability to meet the goals of the mission statement of both the program and the university.
- Currently, there is only one cohort of data compiled and as future cohorts matriculate the benchmarks may be adjusted. Changes have been incorporated to ensure achievement of benchmarks. The PA program has a robust assessment plan for process improvement and will continue to analyze data across the program.