MCPHS University, School of Physician Assistant Studies, Manchester/Worcester Program Success of Achieving Goals (A3.12b)

Goal #1 Prepare entry-level physician assistants who have a broad base of fundamental knowledge and technical skills to be competent, general, advanced care practitioners.

Benchmark: By the completion of the program, 90% of each PA student cohort will demonstrate successful completion of competencies related to general fund of knowledge needed for entry into clinical PA practice by the completion of the program (successful completion of competencies is defined as achieving a minimum cumulative GPA of a 3.0). *Aspirational benchmark: By the completion of the program, 95% of each PA student cohort will demonstrate successful completion of competencies related to general fund of knowledge needed for entry into clinical PA practice by the completion of the program.*

Actual outcome data on end of year one curricular performance (Class of 2024 Cohort)

- Program cohort didactic year average cumulative GPA was 3.6, with 98.1% of the cohort achieving the benchmark of a 3.0 cumulative GPA at the end of their didactic year.
    - Manchester campus cohort: 3.6
    - Worcester campus cohort: 3.6

Actual outcome data on end of year two curricular performance (Class of 2024 Cohort)

- Program cohort clinical year average cumulative GPA 3.6 with 96.4% of the cohort achieving the benchmark of a 3.0 cumulative GPA at the end of their clinical year.
    - Manchester campus cohort: 3.6
    - Worcester campus cohort: 3.6

Benchmark: By the completion of the program, 90% of each PA student cohort will demonstrate successful completion of competencies related to technical skills needed for entry into clinical PA practice (successful completion of competencies is defined as demonstrating all program required technical skills in the presence of a faculty or instructional faculty as pass or fail). *Aspirational benchmark: By the completion of the program, 95% of each PA student cohort will demonstrate successful completion of competencies related to technical skills needed for entry into clinical PA practice.*

Actual outcome data on didactic year Technical Skills Checklist (Class of 2024 Cohort)

- 100% pass rate

Actual outcome data on clinical year Technical Skills and Procedures Passport (Class of 2024 Cohort)

- 100% pass rate

Benchmark: At completion of each PANCE board examination cycle, the program will demonstrate a cohort first-time taker pass rate of > 85%. Aspirational Benchmark: At completion of each PANCE board examination cycle, the program will demonstrate a cohort first-time taker pass rate at or above the national average:

Actual outcome Data on PANCE board rates (Class of 2023 cohort, most recent results)

- Program cohort pass rate for first-time test takers: 95%
- Manchester campus cohort pass rate for first-time test takers: 96%
- Worcester campus cohort pass rate for first-time test takers: 93%

Benchmark: At the completion of each PANCE board examination cycle, the program will demonstrate the cohort first-time taker mean score on each organ system and each task area should at least meet the national mean or be within one standard deviation of the national mean score across all program first-time takers.

Actual outcome Data on PANCE board rates (Class of 2023 cohort, most recent results)

- Program and campus cohort performance in the 20 organ systems and task area should at least meet the national mean or be within one standard deviation of the national mean performance across all programs for first-time taker: 100%.

Goal #2 Prepare entry-level physician assistants who communicate effectively and work collaboratively with all members of the interprofessional healthcare team including patients and their caregivers while promoting patient-centered care.

Benchmark: By the completion of the program, 90% of each PA student cohort will participate in at least one IPE event while enrolled in the program and demonstrate working on teams. *Aspirational benchmark: By the completion of the program, 95% of each PA student cohort will participate in at least one IPE event while enrolled in the program and demonstrate working on teams.*

Actual outcome data on interprofessional education (IPE) activity participation (Class of 2025 Cohort)

- Spring 2024: 97.5% of the PA student cohort on the Manchester and Worcester campuses participated in one IPE event while enrolled in the program in 2024.
- Summer 2024: 100% of the PA student cohort on the Manchester and Worcester campuses participated in one IPE event while enrolled in the program in 2024.
- Fall 2024: 99% of the PA student cohort on the Manchester and Worcester campuses participated in one IPE event while enrolled in the program in 2024.

Benchmark: By the completion of the program, 80% of each PA student cohort will have rated as Very Good or higher on a 7-point Likert scale, which demonstrates competency in the area of interactions. with healthcare professionals and demonstrating working on teams. *Aspirational benchmark: By the completion of the program, 90% of each PA student cohort will have rated as Very Good or higher on a 7-point Likert scale, which demonstrates competency in the area of interactions with healthcare professionals and demonstrating working on teams.*

Actual outcome data on preceptor evaluation of the student competency area in interactions with healthcare professionals (Class of 2024 Cohort)

- 96.3% of the cohort was rated as Very Good or higher in interactions with healthcare professionals.
- Manchester campus cohort: 97.4%
- Worcester campus cohort: 95.3%

Benchmark: By the completion of the program, 80% of each PA student cohort will have rated as Very Good or higher on a 7-point Likert scale, which demonstrates competency in the area of oral/written communication and demonstrate effective communication. *Aspirational benchmark: By the completion of the program, 90% of each PA student cohort will have rated as Very Good or higher on a 7-point Likert scale, which demonstrates competency in the area of oral/written communication and demonstrate effective communication:*

Actual outcome data on preceptor evaluation of the student competency area in oral/written communication (Class of 2024 Cohort)

- 93.9% of the cohort was rated as Very Good or higher in oral/written communication and demonstrating effective communication.

Broken down by individual areas:
- Oral Communication 94.7% of the cohort obtained a Very Good or higher in this area.
  - Manchester campus cohort: 94.6%
  - Worcester campus cohort: 94.7%
- Written Communication 92.8% of the cohort obtained a Very good or higher inthis area.
  - Manchester campus cohort: 93.4%
  - Worcester campus cohort: 92.1%
- Interactions with Healthcare Professionals 96.3% of the cohort obtained a Very Good or higher in this area.
  - Manchester campus cohort: 97.4%
  - Worcester campus cohort: 95.3%

Benchmark: By the completion of the program, 80% of each PA student cohort will obtain a 73% or higher (minimum passing grade) in the area of oral/written communication and demonstrate effective communication. *Aspirational benchmark: by the completion of the program, 90% of each PA student cohort will obtain a 73% or higher (minimum passing grade) in the area of oral/written communication and demonstrate effective communication*

Goal #3 Prepare entry-level physician assistants who educate patients on health, disease and prevention.

Actual outcome data of Professional Seminar Case Presentations (Class of 2024)

- Average grade for case presentations is 98.7 out of 100 in which 100.0% of the cohort achieved the benchmark of a 73 (C) or above.
    - Manchester campus cohort: 98.1 (100% achieved benchmark)
    - Worcester campus cohort: 99.3 (100.0% achieved benchmark)

Benchmark: By the completion of the program, 90% of each PA student cohort should at least meet the national mean or be within one standard deviation of the national mean in the content task area of Health Maintenance on the PANCE board exam. *Aspirational benchmark: By the completion of the program, 95% of each PA student cohort should at least meet the national mean or be within one standard deviation of the national mean in the content task area of Health Maintenance on the PANCE board exam.*

Actual outcome data on PANCE Health Maintenance content task area (Class of 2023 cohort, most recent results)

- 100% of the Program cohort were within one standard deviation of the national average.
- 100% of the Manchester campus cohort were within one standard deviation of the national average.
- 100% of the Worcester campus cohort were within one standard deviation of the national average.

Goal #4 Prepare entry-level physician assistants who demonstrate professionalism in their interactions with patients, families and all members of the healthcare team.

Benchmark: By the completion of the program, 80% of each PA student cohort will obtain a Very Good or higher in the area of professionalism. *Aspirational benchmark: By the completion of the program, 90% of each PA student cohort will obtain a Very Good or higher in the area of professionalism.*

Actual outcome data on preceptor evaluation of the student competency area in professionalism (Class of 2024)

- 96.5% of the cohort achieved a Very Good or higher in professionalism.
    - Manchester campus cohort: 95.9%
    - Worcester campus cohort: 97.0%

Goal #5 Promote and support student leadership opportunities and community outreach.

Benchmark: By the completion of the program, 90% of each PA student cohort will demonstrate involvement in student leadership opportunities. *Aspirational benchmark: By the completion of the program, 95% of each PA student cohort will demonstrate involvement in student leadership opportunities*

Actual outcome data on student leadership

- 100% of program enrolled students required membership in 2024 into the American Academy of Physician Assistants.
- 100% of the required positions were filled for the Manchester and Worcester student societies in 2024 and were registered as an AAPA student society (President, Assembly of Representatives, Outreach Chair, State Chapter Student Representative).

Benchmark: By the completion of the program, each PA student cohort society will demonstrate three community outreach activities during year 1 of the program. *Aspirational benchmark: By the completion of the program, each PA student cohort society will demonstrate greater than 10 community outreach activities during year 1 of the program*

Actual outcome Data on community outreach

Total # of Community Outreach Activities:

- Manchester SAAAPA organization: 6
- Worcester SAAAPA organization: 15

Goal #6 Graduate marketable, entry-level Physician Assistants

Benchmark: One year out from program completion, 90% of each PA student cohort will demonstrate employment as a PA. *Aspirational benchmark: One year out from program completion, 95% of each PA cohort will demonstrate employment as a PA*

Actual outcome data on alumni employment collected in 2024 (Class of 2023)

- One-year out Program cohort employment rate: Reported a 92% employment rate one year after graduating from MCPHS University with 100% employed in a job related to their degree in Physician Assistant Studies.
    - One-year out Manchester cohort employment rate: 96%
    - One-year out Worcester cohort employment rate: 88%
      *total response rate approximately 47%

*Each PA student cohort refers to the Program cohort as a class year (Manchester and Worcester campus cohorts combined).