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, 80% 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):

Actual outcome data on end of year one curricular performance (Class of 2018 Cohort)

- Program cohort didactic year average cumulative GPA 3.71 with 99.2% of the cohort achieving the benchmark of a 3.0 cumulative GPA at the end of their didactic year.
  - Manchester campus cohort: 3.69
  - Worcester campus cohort: 3.72

Actual outcome data on end of year two curricular performance (Class of 2018 Cohort)

- Program cohort clinical year average cumulative GPA 3.72 with 99.2% of the cohort achieving the benchmark of a 3.0 cumulative GPA at the end of their clinical year.
  - Manchester campus cohort: 3.73
  - Worcester campus cohort: 3.70

Benchmark: By the completion of the program, 100% of each PA student cohort will demonstrate successful completion of competencies related to technical skills needed for entry into clinical PA practice by the completion of the program (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):

Actual outcome data on didactic year Technical Skills Checklist (Class of 2018 Cohort)

- 100% pass rate

Actual outcome data on clinical year Technical Skills and Procedures Passport (Class of 2018 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%:

**Actual outcome Data on PANCE board rates (Class of 2017 cohort, most recent results)**

- Program cohort pass rate for first-time test takers: 94%
  - Manchester campus cohort pass rate for first-time test takers: 95%
  - Worcester campus cohort pass rate for first-time test takers: 92%

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

**Actual outcome Data on PANCE board rates (Class of 2017 cohort, most recent results)**

- Program and campus cohort performance in the 20 organ systems and task area within one standard deviation to the mean performance across all programs first-time taker: 100%.

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**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, 100% 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 2019 Cohort)**

- 100% of the PA student cohort on the Manchester and Worcester campuses participated in one IPE event while enrolled in the program in 2018.
- 100% of the PA student cohort on the Manchester and Worcester campuses participated in two IPE events while enrolled in the program in 2018.
- 97% of the PA student cohort on the Manchester and Worcester campuses participated in three IPE events while enrolled in the program in 2018.

**Benchmark:** By the completion of the program, 80% of each PA student cohort will obtain a 5.0 or higher in the area of interactions with healthcare professionals and demonstrate working on teams:

**Actual outcome data on preceptor evaluation of the student competency area in interactions with healthcare professionals (Class of 2018 Cohort)**
• Average Likert scale scores by student in this area is 6.13 (based on 7-point Likert scale) in which 99.3% of cohort obtained a 5.0 or higher overall average score.
  Manchester campus cohort: 98.5%
  Worcester campus cohort: 100.0%

**Benchmark:** By the completion of the program, 80% of each PA student cohort will obtain a 5.0 or higher 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 2018 Cohort)**

• Average Likert scale scores by students in three areas of oral/written communication competencies combined is 5.82 (based on a 7-point Likert scale).
  ▪ Broken down by individual areas:
    • Oral Communication 90.1% of cohort obtained a 5.0 or higher in this area.
      • Manchester campus cohort: 89.2%
      • Worcester campus cohort: 91.1%
    • Written Communication 93.4% of cohort obtained a 5.0 or higher in this area.
      • Manchester campus cohort: 93.8%
      • Worcester campus cohort: 92.9%
    • Interactions with Healthcare Professionals 99.3% of cohort obtained a 5.0 or higher in this area.
      • Manchester campus cohort: 98.5%
      • Worcester campus cohort: 100.0%

**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:

**Actual outcome data of Professional Seminar Case Presentations (Class of 2018)**

• Average grade for case presentations 99.4 out of 100 in which 100% of the cohort achieved the benchmark of a 73 (C) or above.
  Manchester campus cohort: 99.2%
  Worcester campus cohort: 99.6%
**Goal #3** Prepare entry-level physician assistants who educate patients on health, disease and prevention.

**Benchmark:** By the completion of the program, 80% of each PA student cohort will be at or above one standard deviation from the national average 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 2017 cohort, most recent results)

- 81.5% of the Program cohort were within one standard deviation of the national average.
- 75.9% of the Manchester campus cohort were within one standard deviation of the national average.
- 86.4% 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 5.0 or higher in the area of professionalism.

Actual outcome data on preceptor evaluation of the student competency area in professionalism (Class of 2018)

- 87.5% of the cohort achieved a 5.0 or higher in professionalism.
  - Manchester campus cohort: 88.5%
  - Worcester campus cohort: 86.6%

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

**Benchmark:** By the completion of the program, 100% of each PA student cohort will demonstrate involvement in student leadership opportunities:

Actual outcome data on student leadership
• 100% of program enrolled students acquired membership in 2018 into the American Academy of Physician Assistants.
• 100% of the required positions were filled for the Manchester and Worcester student societies in 2018 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 campus student societies will demonstrate three community outreach activities during year 1 of the program:

**Actual outcome Data on community outreach**

• The following events occurred in 2018 with the participation of the Manchester SAAAPA organization: American Heart Association Fundraiser Event, American Lung Association Fundraiser Event, Habitat for Humanity Fundraiser Event, DEA Prevention Awareness Day, DEA Drug Take Back Day, Dempsey Challenge Cycle Fundraiser Event for Cancer, Canned Food Drive for the homeless, Red Nose Day Fundraiser for Children in Poverty, Health Professions Awareness Event for local Elementary School children.

• The following events occurred in 2018 with the participation of the Worcester SAAAPA organization: Rebuilding Worcester, BeTheMatch Event, Collection for the Homeless Fundraiser Event, Dental Supply Drive for a local shelter, Acupuncture and Infertility Awareness Event, Red Nose Day Fundraiser Event for Children in Poverty, Health Professions Awareness Event for local Elementary School children.

**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

**Actual outcome data on alumni employment collected in 2018 (Class of 2017)**

• One-year out Program cohort employment rate: Reported a 93.4% employment rate one year after graduating from MCPHS University with 100% employed in a job related to their degree in Physician Assistant Studies (48% response rate of the graduating class)
  One-year out Manchester campus cohort employment rate: 95%
  One-year out Worcester cohort employment rate: 92%

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