



HIGH POINT UNIVERSITY
Physician Assistant Studies

**Success in Achieving Program Goals
January 2025
(Calendar Year 2024)**

Program Goal 1: Admit highly qualified applicants.

Outcome Measure A: Matriculated student CASPA information: Cumulative Undergraduate GPA, Cumulative Undergraduate Science GPA, and GRE scores.

Benchmark: Matriculated student Cumulative Undergraduate GPA, Cumulative Undergraduate Science GPA, and GRE scores will meet or exceed national averages.

Data:

	Class of 2022 2019-2020 Cycle		Class of 2023 2020-2021 Cycle		Class of 2024 2021-2022 Cycle		Class of 2025 2022-2023 Cycle		Class of 2026 2023-2024 Cycle	
	HPU	National CASPA	HPU	National CASPA	HPU	National CASPA	HPU	National CASPA	HPU	National CASPA
Cumulative Undergrad. GPA	3.81	3.41	3.77	3.61	3.79	3.62	3.83	3.64	3.87	3.67
Cumulative Undergrad. Science GPA	3.79	3.31	3.72	3.69	3.76	3.55	3.78	3.57	3.83	3.60
GRE-Quantitative	153	153.1	151	150	153	150	152	150	152	150
GRE-Verbal	152	153.7	152	151	153	151	152	150	152	150

Analysis:

- HPU Class of 2022 exceeded the benchmark for GPA in both areas but fell below the benchmark for GRE-Quantitative and GRE-Verbal. The HPU results in the areas below the benchmark were very close to the benchmark.
- HPU Class of 2023 exceeded benchmark for GPA in both areas, and GRE in both areas. It is noted that the benchmark was still met despite a fairly significant increase in national averages for both GPA benchmarks increased from the previous year.
- HPU Class of 2024 exceeded the benchmarks in all areas. There was a drop in national averages for both GPA benchmarks from the previous year, however, HPU matriculants not only exceeded the national average but also increased from the previous year.
- HPU Class of 2025 exceeded the benchmarks in all areas. There were minimal changes in national averages for GPAs this year, however this marked the third year in a row for increases in HPU matriculant GPAs. GRE scores for HPU matriculants were down by one point from last year, however this decrease did not go below the national average and it is noted that the GRE-Verbal national average also dropped by one point from last year.

- HPU Class of 2026 exceeded the benchmarks in all areas. There were minimal changes in national averages for GPAs this year, however, this marked the 4th year in a row for increases in HPU matriculant GPAs. GRE scores for HPU matriculants remained the same as last year, as did national CASPA averages.

Long-term Analysis: Over the last 5 years there has been a steady, although small, increase in national average GPAs, and a similar trend is noted among HPU PA matriculants. GRE national averages have remained relatively constant since the 2020-2021 admissions cycle, and minimal changes have been noted in these scores among HPU PA matriculants as well. It is expected that the trend in increasing GPA's will begin to level off, narrowing the difference between the national averages and that of HPU PA matriculants, however, there are no concerns at this time that these numbers will drop below the benchmark. HPU PA students continue to perform well within the program, consistently pass PANCE on the first attempt, and find employment. Presently, we intend to continue our current admissions processes given the positive outcomes.

Overall, the HPU PA Program is meeting the program's established goal of recruiting highly academically qualified applicants.

Outcome Measure B: Matriculated student prior healthcare experience.

Benchmark: Matriculated student mean healthcare experience will be at least 1,000 hours and greater than average level of patient care/responsibility. "Average" level of patient care/responsibility is 2 on a 1-4-point scale.

Data:

	Class of 2022	Class of 2023	Class of 2024	Class of 2025	Class of 2026
Healthcare Experience – Average # of Hours	3082	2803	2147	2672	2326
Healthcare Experience – Median # of Hours	2269	1760	1765	2088	1826
Healthcare Responsibility Level	2.04	2.10	2.11	2.03	2.05

Analysis:

- HPU Class of 2022 attained both benchmarks related to healthcare experience.
- HPU Class of 2023 attained both benchmarks related to healthcare experience.
- HPU Class of 2024 attained both benchmarks related to healthcare experience.
- HPU Class of 2025 attained both benchmarks related to healthcare experience.
- HPU Class of 2026 attained both benchmarks related to healthcare experience

Over the last five admission cycles, there has been a fluctuation of average and median healthcare experience but a relatively constant level of healthcare responsibility. This is in contrast to the total number of applications to the PA program, which has increased steadily every year. In addition, challenges faced by applicants related to gaining healthcare experience during and following the pandemic may have caused a slight drop in mean and median hours at times, however, all cohorts consistently exceeded our benchmark goal, and healthcare responsibility has remained fairly consistent throughout.

Overall, the HPU PA Program is doing well in meeting the program established goal of recruiting highly qualified applicants related to previous healthcare experience.

Outcome Measure C: Matriculated student admission interview performance.

Benchmark: Matriculated cohorts will attain average admission interview scores of at least 85% of the possible points.

Data:

COHORT	Class of 2022	Class of 2023	Class of 2024	Class of 2025	Class of 2026
% of possible points	93%	100%	92.1%	90.4%	90.8%

Analysis:

- HPU Class of 2022 exceeded the program benchmark.
- HPU Class of 2023 exceeded the program benchmark.
- HPU Class of 2024 exceeded the program benchmark.
- HPU Class of 2025 exceeded the program benchmark.
- HPU Class of 2026 exceeded the program benchmark

Over the past 5 years, each class has exceeded the program benchmark. During the 2024 Program Retreat, the language for this benchmark and data was clarified by adding the word “cohort” to the description to indicate that the class average for interview scores was utilized as the previous wording was somewhat misleading. The trend in meeting this benchmark highlights the consistency of the Admissions Committee with respect to their consideration of the interview score when making admissions decisions.

Overall, the HPU PA Program is doing well in admitting highly qualified applicants related to admissions interview scores.

Program Goal 2: Deliver a curriculum that ensures all graduates possess the requisite knowledge and skills for entry to PA practice

Outcome Measure A: Student exit survey ratings of their preparedness and ability to perform the Program Competencies (PCs)

Benchmark: Student ratings will exceed the Program standard of 3.5 on the 5-point Likert Scale for all PCs.

Data: The table below reflects data from the most recent graduating class. Data is updated in the Spring of each year. Long-term analysis will include data from the previous 5 years.

#	Program Competencies	Class 2022 AVG Score	Class 2023 AVG Score	Class 2024 AVG Score
1	Perform comprehensive and problem-focused histories. (P)	4.97	4.92	4.87
2	Perform comprehensive and problem-focused physical exams. (P)	4.90	4.76	4.73
3	Interpret diagnostic study results typical for emergent, acute and chronic medical conditions. (C)	4.85	4.81	4.76
4	Formulate a differential diagnosis based upon patient data. (C)	4.70	4.78	4.69
5	Diagnose common medical and behavioral health conditions. (C)	4.80	4.85	4.79
6	Diagnose potentially life- or function-threatening medical and behavioral health conditions. (C)	4.85	4.85	4.68
7	Develop comprehensive management plans for emergent, acute and chronic conditions. (C)	4.39	4.38	4.23

8	Accurately and concisely communicate patient encounter findings to other healthcare providers through written documentation and oral presentation. (P)	4.92	4.78	4.70
9	Communicate healthcare-related information to patients in a patient-centered fashion. (A)	4.80	4.72	4.79
10	Demonstrate professional behaviors to the highest ethical and legal standards.(A)	4.97	4.90	4.90
11	Critically evaluate the medical literature, use current practice guidelines, and apply the principles of evidence-based medicine to patient care. (C)	4.87	4.80	4.76
12	Perform clinical procedures common to PA practice. (P)	4.85	4.76	4.71

Analysis:

HPU Class of 2017 meets the program benchmark with 100% of survey ratings exceeding 3.5 on the 5-point Likert scale.

HPU Class of 2018 meets the program benchmark with 100% of survey ratings exceeding 3.5 on the 5-point Likert scale.

HPU Class of 2019 meets the program benchmark with 100% of survey ratings exceeding 3.5 on the 5-point Likert scale.

HPU Class of 2020 meets the program benchmark with 100% of survey ratings exceeding 3.5 on the 5-point Likert scale.

HPU Class of 2021 meets the program benchmark with 100% of survey ratings exceeding 3.5 on the 5-point Likert scale

HPU Class of 2022 and 2023: As a part of our ongoing self-assessment process, the HPU Department of PA Studies revised our Program Learning Outcomes and the new version was implemented upon matriculation of the class of 2022. The data table was updated to reflect these changes, however, the analysis of previous cohorts was maintained for reference. In addition, the previous outcome measure for this goal was determined by program faculty and staff to be redundant, based on overlaps with other outcome measures, and the decision was made to simplify Outcome Measure A benchmark to include only the student exit survey. Analysis of the Classes of 2022 and 2023 are below.

HPU Class of 2022 met the program benchmark with 100% of survey ratings exceeding 3.5 on the 5-point Likert scale.

HPU Class of 2023 met the program benchmark with 100% of survey ratings exceeding 3.5 on the 5-point Likert scale.

HPU Class of 2024 met the program benchmark with 100% of survey ratings exceeding 3.5 on the 5-point Likert scale.

Overall, the HPU PA Program curriculum is meeting the program established goal of ensuring graduates possess the knowledge and skills required for entry to PA practice based on student exit surveys.

Outcome Measure B: Success on Summative Evaluations

Benchmark: 93% of students pass all components of the program summative examination after the second attempt

Data: Information below reflects data from the most recent graduating class. Data is updated in the Spring of each year. Long-term analysis will include data from the previous 5 years.

High Point University Student Performance	Class of 2020	Class of 2021	Class of 2022	Class of 2023	Class of 2024	Cumulative Data (Last 5 Years)
Summative Evaluation: Pass on 1st or 2nd Attempt	100%	100%	97.7%	96.36%	95.2%	97.8%
Meet Benchmark	Yes	Yes	Yes	Yes	Yes	Yes

Analysis:

HPU Class of 2020 exceeded the program benchmark.

HPU Class of 2021 exceeded the program benchmark

HPU Class of 2022 exceeded the program benchmark.

HPU Class of 2023 exceeded the program benchmark.

HPU Class of 2024 exceeded the program benchmark.

During the January 2024 Program Retreat, the faculty and staff voted to increase the benchmark for Outcome Measure B from 85% to 93%. This decision was made to raise the bar and hold the Program to the same performance standards required for our students to earn a grade of “High Pass” in a course.

When analyzing Summative performance over time it is noted that the format of the Summative changed in 2020 and then was modified with the revised PLOs in 2022. There has been a slight decrease in success after 2 attempts with the Classes of 2022, 2023, and 2024 in comparison with the 2 previous years, however, this may be attributed to the increased rigor of the assessment with the modifications that arose in 2022. Despite these changes, however, student performance on the end of program Summative has consistently exceeded the program benchmark for the last 5 cohorts.

Overall, the HPU PA Program curriculum is meeting the program established goal of ensuring graduates possess the knowledge and skills required for entry to PA practice based on successful performance on Summative Evaluations.

Outcome Measure C: PANCE first-time test take pass rates.

Benchmark: Each cohort achieves a First Time Taker PANCE Pass Rate at or above the 5-year running average national pass rate.

Data: Information below reflects data from the most recent graduating class. Data is updated in the Spring of each year. Long-term analysis will include data from the previous 5 years.

Class	Number of students who passed on first attempt	Number of First Time Takers	Program First Time Taker Pass Rate	National First Time Taker Pass Rate By Calendar Year	Five Year National First Time Taker Average	Meets Program Benchmark
Class of 2020	35	35	100%	95%	93%	Yes
Class of 2021	32	33	97%	93%	93%	Yes
Class of 2022	43	43	100%	92%	93%	Yes
Class of 2023	55	55	100%	92%	93%	Yes
Class of 2024	60	62	97%	92%	93%	Yes

Analysis:

In 2019 the program did not meet the benchmark with four students out of 34 failing the initial attempt. While there were only three years of data for review, the program identified the following trends with regard to PANCE outcomes:

- The program notes a strong correlation between performance on EOR examinations and success on PANCE. Students who scored in the “low pass range” on two or more EOR exams also ranked in the bottom 30% of the class on PANCE scores. Additionally, High Pass scorers on EOR exams correlate strongly with success on PANCE.

- Students who scored in the bottom 30% on PACKRAT 2 also scored in the bottom 30% of PANCE takers. In 2019 students who scored in the top 33% on PACKRAT 2 scored in the top 50% of PANCE takers. While this is suggested, the correlation was not as significant in 2017 and 2019.
- The program did not identify a strong correlation between the Summative evaluations and success on PANCE.

In 2020, the program met the benchmark with all students passing PANCE on the initial attempt. This suggests that the changes (instituted in response to the 2019 PANCE performance analysis) were effective in helping to identify and intervene with students who may be at risk with respect to PANCE performance.

In 2021, the program met the benchmark with 97% passing on the first attempt.

In 2022, the program met the benchmark with 100% passing on the first attempt.

In 2023, the program met the benchmark with 100% passing on the first attempt.

In 2024, the program met the benchmark with 97% passing on the first attempt.

Summary analysis: The HPU PA Program has prioritized the process of identifying and appropriately mentoring students who may be at risk for not passing PANCE on the first attempt. These efforts have led to improved first-time PANCE pass rates such that in the last 5 cohorts, only 3 students have failed the PANCE on the first attempt.(225 of 228 have passed on the first attempt). For the last 5 years, graduates from the HPU PA Program have exceeded national averages for both annual first-time takers and the 5-year average for first-time takers.

Overall, the HPU PA Program curriculum is meeting the program established goal of ensuring graduates possess the knowledge and skills required for entry to PA practice with 234 out of 240 students passing the PANCE on the first attempt, and all students ultimately passing PANCE.

Program Goal 3: Educate physician assistants in a generalist model prepared to practice in a variety of health care settings and disciplines

Outcome Measure A: Student performance on discipline-specific PAEA EOR™ Exams

Benchmark: Each cohort will meet or exceed the national average for each PAEA EOR™ Exam

Data: Information below reflects data from the most recent graduating class and includes only first attempt test results. Data is updated in the Spring of each year. Long-term analysis will include data from the previous 5 years.

PAEA EOR™ Exams	Class of 2020		Class of 2021		Class of 2022		Class of 2023		Class of 2024	
	Class Average Scale score	At or Above National Average?	Class Average Scale score	At or Above National Average?	Class Average Scale score	At or Above National Average?	Class Average Scale score	At or Above National Average?	Class Average Scale score	At or Above National Average?
Emergency Medicine	418	Yes	421	Yes	423	Yes	418	Yes	429	Yes
Family Medicine	423	Yes	416	Yes	422	Yes	416	Yes	427	Yes
General Surgery	425	Yes	425	Yes	421	Yes	422	Yes	434	Yes
Internal Medicine	430	Yes	422	Yes	424	Yes	418	Yes	432	Yes
Pediatrics	431	Yes	425	Yes	429	Yes	428	Yes	434	Yes
Psychiatry & Behavioral Health	418	Yes	417	Yes	422	Yes	421	Yes	421	Yes
Women's Health	425	Yes	409	Yes	409	Yes	411	Yes	424	Yes

Analysis:

HPU Class of 2020 exceeded the program benchmark in each specialty examination. There was a slight decrease in overall performance on the Pediatrics exam and a significant decrease in performance on the Psychiatry exam and a significant increase in performance on the Family Medicine, Internal Medicine, and Women's Health Exams. Long-term analysis of 5-year data is not available at this time, and the change in

reporting from the z-score to the scale score further complicates analysis, however it remains clear that despite some oscillation in scoring from one cohort to the next, students continue to exceed the program benchmark, demonstrating a continued ability to practice in a variety of health settings and disciplines.

HPU Class of 2021 exceeded the program benchmark in each specialty examination. The mean score for the Emergency Medicine EOR increased. The mean score for the General Surgery EOR remained the same. The mean scores for Family Medicine, Internal Medicine, Pediatrics, Behavioral Health, and Women's Health all decreased in comparison to the previous cohort while still remaining above the national average across the board. Long-term analysis of 5-year data now available. Careful analysis reveals that despite some oscillation in scoring from one cohort to the next, students continue to exceed the national average and program benchmark, demonstrating a continued ability to successfully practice in a variety of health settings and disciplines.

HPU Class of 2022 exceeded the program benchmark in each specialty examination. The average score in Women's Health stayed the same, and the score for General Surgery decreased slightly. All other scores increased from the prior year. Careful analysis reveals that despite some oscillation in scoring from one cohort to the next, students continue to exceed the national average and program benchmark, demonstrating a continued ability to successfully practice in a variety of health settings and disciplines.

HPU Class of 2023 exceeded the program benchmark in each specialty examination. The average scores in Emergency Medicine, Family Medicine, Internal Medicine, Pediatrics, and Psychiatry were slightly less for this cohort, while Women's Health and General Surgery increased slightly. Careful analysis reveals that despite some oscillation in scoring from one cohort to the next, students continue to exceed the national average and program benchmark, demonstrating a continued ability to successfully practice in a variety of health settings and disciplines.

HPU Class of 2024 exceeded the program benchmark in each specialty examination. Average scores for the Class of 2024 are higher than those of the Class of 2023 in all areas apart from Psychiatry and Behavioral Health, which remained the same. Over the last 5 years, class averages for each specialty subject examination have consistently exceeded the program benchmark and have not dropped below the national average.

Overall, the HPU PA Program is meeting the program's established goal of educating physician assistants in a generalist model prepared to practice in a variety of healthcare settings and disciplines based on meeting or exceeding the national average for each PAEA EOR™ Exam.

Outcome Measure B: Student performance on the HPU MPAS Program Clinical Practice Passport

Benchmark: 100% of Students will successfully complete all components of the Clinical Practice Passport at the completion of the Clinical Phase of the program.

Data: Information below reflects data from the most recent graduating class beginning with the Class of 2019 when Clinical Practice Passports were initiated into the program. Data is updated in the Spring of each year. Long-term analysis will include data from the previous 5 years.

	Class of 2020		Class of 2021		Class of 2022		Class of 2023		Class of 2024	
	% of Class meeting Benchmark	Meets Program Benchmark	% of Class meeting Benchmark	Meets Program Benchmark	% of Class meeting Benchmark	Meets Program Benchmark	% of Class meeting Benchmark	Meets Program Benchmark	% of Class meeting Benchmark	Meets Program Benchmark
MEDICAL CARE ACROSS THE LIFE SPAN A. Medical Care for Infants B. Medical Care for Children C. Medical Care for Adolescents D. Medical Care for Adults E. Medical Care for Elderly	100%	Yes	100%	Yes	100%	Yes	100%	Yes	100%	Yes
WOMENS HEALTH A. Prenatal Care B. Gynecologic Care	100%	Yes	100%	Yes	100%	Yes	100%	Yes	100%	Yes
CARE FOR CONDITIONS REQUIRING SURGICAL MANAGEMENT A. Pre-operative Care B. Intra-operative Care C. Post-operative Care	100%	Yes	100%	Yes	100%	Yes	100%	Yes	100%	Yes
CARE FOR BEHAVIORAL AND MENTAL HEALTH CONDITIONS A. Care for behavioral and mental health conditions	100%	Yes	100%	Yes	100%	Yes	100%	Yes	100%	Yes
PREVENTIVE EMERGENT, ACUTE, AND CHRONIC CARE A. Preventive care B. Care for emergent conditions C. Care for acute conditions D. Care for chronic conditions	100%	Yes	100%	Yes	100%	Yes	100%	Yes	100%	Yes
COMMUNICATION/PROFESSIONALISM/ADVOCACY	100%	Yes	100%	Yes	100%	Yes	100%	Yes	100%	Yes

Y/EVIDENCE BASED MEDICINE A. Communication B. Professionalism C. Patient Advocacy D. Evidence Based Medicine										
CLINICAL SKILLS & DIAGNOSTIC TESTS A. Clinical Skills B. Diagnostic Tests	100%	Yes	100%	Yes	100%	Yes	100%	Yes	100%	Yes

Analysis:

HPU Class of 2020 successfully completed 100% of all components of the Clinical Practice Passport at the completion of the Clinical Phase of the program.

HPU Class of 2021 successfully completed 100% of all components of the Clinical Practice Passport at the completion of the Clinical Phase of the program.

HPU Class of 2022 successfully completed 100% of all components of the Clinical Practice Passport at the completion of the Clinical Phase of the program.

HPU Class of 2023 successfully completed 100% of all components of the Clinical Practice Passport at the completion of the Clinical Phase of the program.

HPU Class of 2024 successfully completed 100% of all components of the Clinical Practice Passport at the completion of the Clinical Phase of the program.

Overall, the HPU PA Program is meeting the program established goal of educating physician assistants in a generalist model prepared to practice in a variety of health care setting and disciplines based on the completion of Clinical Practice Passports at the end of the clinical year.

Outcome Measure C: Student performance on EOR clinical performance evaluations.

Benchmark: Each student will meet or exceed the benchmark in clinical performance evaluations for all specialties across the lifespan with a minimum score of 70%.

Data: Information below reflects data from the most recent graduating class to include the average clinical performance evaluations from the clinical year for the entire cohort. Data is updated in the Spring of each year. Long-term analysis will include data from the previous 5 years.

HPU Student Clinical Performance Evaluation	Class of 2020	Class of 2021	Class of 2022	Class of 2023	Class of 2024	Cumulative Data
Average score for cohort across all specialties	95.03%	93.15%	94.57%	94.61%	94.85%	94.44

All students met minimum benchmark of 70%	Yes	Yes	Yes	Yes	Yes	Yes

Analysis:

HPU Class of 2020 exceeded the program benchmark.

HPU Class of 2021 exceeded the program benchmark.

HPU Class of 2022 exceeded the program benchmark.

HPU Class of 2023 exceeded the program benchmark.

HPU Class of 2024 exceeded the program benchmark.

5 year analysis: Student performance on clinical rotations, in the opinion of board-certified medical providers across all disciplines, is consistently rated well above the program standard. These evaluations provide an external data source that supports the efficacy of the HPU PA curriculum in meeting this goal.

Overall, the HPU PA Program curriculum is meeting the program established goal of educating physician assistants in a generalist model prepared to practice in a variety of healthcare settings and disciplines.

Program Goal 4: Engage in active and on-going professional, scholarly, and community engagement activities

Outcome Measure A: Faculty participation as committee members and leaders in local, state, and national PA professional organizations.

Benchmark: Program Faculty, collectively, will provide volunteer service to, serve on committees, or hold leadership roles in four or more of the six applicable local, state, and national PA professional organizations. (AAPA, NCCPA, PAEA, ARC-PA, NCAPA, PAPA)

Data:

For 2020, HPU PA faculty members provided volunteer service to, held committee positions, or held leadership roles in 4 local, state, and national PA professional organizations (66%).

For 2021, HPU PA faculty members provided volunteer service to, held committee positions, or held leadership roles in 3 local, state, and national PA professional organizations (50%).

For 2022, HPU PA faculty members provided volunteer service to, held committee positions, or held leadership roles in 4 local, state, and national PA professional organizations (66%).

For 2023, HPU PA faculty members provided volunteer service to, held committee positions, or held leadership roles in 5 local, state, and national PA professional organizations (83.33%).

For 2024, HPU PA faculty members provided volunteer service to, held committee positions, or held leadership roles in 5 local, state, and national PA professional organizations (83.33%).

Examples Include:

Physician Assistant Education Association (PAEA)

- Faculty Retreat Facilitator
- PAEA Forum Peer Reviewer
- PAEA Forum Moderator
- Research and Scholarship Committee

North Carolina Academy of PAs (NCAPA)

- Membership And Marketing Committee
- Optimal Team Practice Committee
- Professional Development Review Panel

Accreditation Review Commission on Education for the Physician Assistant (ARC-PA)

- Site Visitor
- Focus Group Member

American Academy of Physician Associates (AAPA)

- JAAPA Peer Reviewer
- Annual Conference Research Poster and Oral Presentation Reviewer
- Research Fellowship Committee

Piedmont Association of Physician Assistants

- President
- Vice President
- Board Member at Large

Analysis

For 2024 the HPU PA Program exceeded the benchmark of participation with 4 of the 6 identified PA organizations.

Faculty participation in leadership and participation in local, state and national PA professional organizations helps the HPU PA Program meet the program established goal of engaging faculty and students in active and ongoing professional, scholarly, and community engagement activities.

Outcome Measure B: Program Peer-Reviewed Presentations and Publications

Benchmark: The program will have a minimum of 6 peer-reviewed presentations or publications annually.

Data:

For the calendar year of 2019, PA program faculty had a total of 12 peer-reviewed presentations and/or publications.

For the calendar year of 2020, PA program faculty had a total of 1 peer-reviewed presentation and/or publication.

For the calendar year of 2021, PA program faculty had a total of 4 peer-reviewed presentations and/or publications.

For the calendar year of 2022, PA program faculty had a total of 10 peer-reviewed presentations and/or publications.

For the calendar year of 2023, PA program faculty had a total of 13 peer-reviewed presentations and/or publications.

For the calendar year of 2024, PA program faculty had a total of 12 peer-reviewed presentations and/or publications.

A list of this scholarship follows.

- Herren A, Garrison H, Farah A. What is causing this patient's hyperprolactinemia? *JAAPA*. 37(10):48-49, October 2024.

- Herren A. Alcohol Withdrawal Syndrome. University of Lynchburg Repository. October 2024.
- Crain N. Lipoprotein (a) Screening: Navigating Benefits and Challenges in Clinical Decision Making. University of Lynchburg Repository. October 2024.
- Lynch, S. “The Leadership Compass: Fostering Self-Awareness in Work Style to Improve Teamwork and Organizational Outcomes”. PAEA Faculty Skills 101 National Workshop. Washington D.C. October 2024.
- Lynch, S. “Course Management: Assessing Student Performance”. PAEA Faculty Skills 101 National Workshop. Washington D.C. October 2024. · Lynch, S. "Active Learning Strategies". PAEA Faculty Skills 101 National Workshop. Anaheim, CA. October 2024.
- Lynch, S. “Principles of Occupational Health: A Primer for Managing Work Related Injuries and Illnesses”. North Carolina Academy of Physician Assistants (NCAPA) Summer CME Conference. Myrtle Beach, SC. 2024.
- Beaudoin, K. Postacute care, rehabilitation, and long-term care systems. In: Ritsema TS, Brown DL, Vetrosky DT, eds. Ballweg’s Physician assistant: A guide to Clinical Practice. 7th ed. Elsevier; 2022:400-405.
- Tamar, R, Bolden, A, **Sekhon, L**, Burns, G, Vanderhoef, D, Kelly C: Drug-Induced movement Disorders: Expert Insights into Educational Needs and Resources for Advanced Practice Providers – Poster Presentation. American Psychiatric Nurses Association (APNA), Louisville, KY – October 2024.
- Alexander, L, Bowser, J, Caruthers, K, **Sekhon, L**, Statler, M, Straker, H: It’s Here...It’s Happening....How do we Adjust? Impact of Artificial Intelligence on PA Education. Physician Assistant Education Association (PAEA) Annual Forum, Washington, DC – October 2024.
- **Sekhon, L**: Psoriatic Arthritis, North Carolina Academy of Physician Assistants Virtual Winter Conference, Conference – February 2024.
- Patel, D, **Sekhon, L**, Statler, M: AI: Past, Present, and the Future of How Technology Has Shaped Practice and Education – Panel Discussion. Pennsylvania Society of Physician Assistants 49th Annual CME Conference – October 2024
- M, Alexander, L, Bowser, J, Caruthers, K, **Sekhon, L**, Statler, M, Straker, H: Fear Factor: Faculty Perceptions of Artificial Intelligence in PA Education. The Journal of PA Education (JPAE), submitted for publication.

Analysis:

For 2023, PA Program faculty exceeded the benchmark of 6 peer-reviewed presentations and publications. Our success in meeting this benchmark for 2023 is owed mostly to the inclusion of all faculty (such as adjunct faculty and DMS faculty with dual appointment) and not just principal faculty. In addition to the peer-reviewed publications and presentations listed, 3 principal faculty gave CME presentations (not peer-reviewed) at the Annual CAE Conference, which was a national conference hosted in Congdon School of Health Sciences/Department of PA Studies, 2 principal faculty have submitted articles that are currently under peer-review for possible publication in 2024, and 2 principal faculty were enrolled in doctoral programs during 2023. These areas of scholarship are noteworthy as they demonstrate the efforts of faculty to become more engaged in scholarly works during 2023.

For 2024, PA Program faculty exceeded the benchmark of 6 peer-reviewed presentations and publications.

Long-term Analysis:

There have been fluctuations over the last 5 years related to peer-reviewed publications and presentations. Looking back, during the years with higher numbers of publications and presentations, there were seasoned faculty members in the department who contributed greatly to these numbers who have since retired or relocated. There has also been a shift in focus by several faculty members to pursue doctoral education or other advanced training/certification, which has impacted their ability to work on peer-reviewed publications or presentations. It is expected, however, that over the next few years these numbers will continue to increase as newer faculty become more comfortable in their roles.

Overall, the volume of program Peer-Reviewed Presentations and Publications for 2024 exceeded the program-established benchmark and helped the HPU PA Program to meet the program-established goal of engaging faculty and students in active and ongoing professional, scholarly, and community engagement activities.

Outcome Measure C: Faculty, Staff, and Student participation in community service activities.

Benchmark 1: 100% of students in each cohort will participate in community service activities prior to graduation, 100% of faculty will participate in community service activities annually, and 100% of staff will participate in community service activities annually.

Data:

Student Participation

- Class of 2020: 94% participation – two students out of a class of 35 did not participate in any community service in 2018
- Class of 2021: 100% participation

- Class of 2022: 77% participation – ten students out of a class of 44 did not report participation in community service.
- Class of 2023: 91% participation –5 students out of a class of 55 did not report participation in community service.
- Class of 2024: 93% participation - 4 students out of a class of 62 did not report participation in community service.

Faculty participation

- 2020: 90% Participation
- 2021: 93% Participation
- 2022: 100% Participation
- 2023: 100% Participation
- 2024: 100% Participation

Staff Participation

- 2023: 100% Participation
- 2024: 100% Participation

Examples of agencies served/service activities include:

- Boys and Girls Club – Vision and Hearing Screening
- Jackson Middle School – Sports Physicals
- Community Christmas Drive Thru
- Veterans Day Breakfast
- Hurricane Helene Relief
 - Food drive
 - Toy Drive
 - Adopt a Family
- The Bridge Community Planning
- Fresh Produce to the PT Pro Bono Clinic
- Garden Prep for local community garden for MLK day on/not off
- Seed packing for MLK day
- MLK Day Toy Drive
- Christmas Prayer Breakfast
- Sunday school catechism
- Guilford County Health Department – School Physicals
- Wonderful Wednesday - Make and serve breakfast for local secondary school once/month
- Operation Christmas Child – Samaritan's Purse
- Shoebox Drive – New Missions

- Rose Hill Activities Enhancement Drive - fundraising to promote rehab through activities in a health and rehab facility
- Special Olympics
- Project Access
- Miracle League of the Triangle
- American Red Cross Blood Drive
- United Way
- Salvation Army
- Walk to end Alzheimer's
- Rock Steady Boxing
- American Burn Association
- American College of Surgeons
- NC State Medical Response System – Triad SMAT 500 – Senior Medical Advisor, Deputy Team Commander
- National Disaster Medical System (NDMS) - Physician Assistant
- USCG Aux – Flotilla Staff Officer (FSO-IS); Division Staff Officer (SO-IS)
- Operation Make Christmas Bright
- Veritas Solutions, LLC – Various charity construction
- Forsyth County Sheriff's Department

Analysis:

In 2020 faculty and students fell below the program-established benchmark of 100% participation in community service. Faculty and students met the benchmark in 2019. The COVID-19 Pandemic severely reduced community services opportunities over 2020.

In 2021 faculty and students fell below the program-established benchmark of 100% participation in community service. While participation did increase from the previous year, likely due to some lifting of COVID-19 restrictions, the impact of the pandemic did continue to have a negative impact on community service opportunities in 2021.

In 2022 while faculty met the benchmark of 100% participation, the students fell below with only 77% participation. It was discussed that one potential reason for this was some confusion related to documenting service hours by the class, which should be addressed with future cohorts, as well as the limited time accounted for in the data collected based on the timing of data collection.

2023 Revision of Outcome Measure C:

As part of the program's ongoing self-assessment process, it was determined that the timing of data collection for service activities completed by students captured only a small portion of their time within the program and was not an accurate representation of each cohort's service engagement. Therefore, data used to assess student participation will be that of the most recent graduating class and will encompass their entire

time within the program. In addition, it was determined that staff community service should also be included as part of the benchmark for Outcome Measure C with a goal of 100% participation annually, which is consistent with the faculty benchmark.

In 2023 faculty and staff met the program-established benchmark of 100% participation in community service, while students did not with only 91% participation reported. Discussion among faculty and staff indicates that it is likely that some students are not reporting their service activities to the class service chair. This is something that we will continue to reinforce with current and future cohorts to ensure data accuracy, however it is noted that there was a significant increase in student participation in comparison with the previous year. This may be attributed to capturing their entire time in the program or possibly improved reporting.

In 2024, faculty and staff met the program-established benchmark of 100% participation in community service, while students did not with only 93% participation reported. It was noted initially when this data was collected that 9 students had not reported any community service engagement, however, faculty reached out to those individuals and 5 of those students had participated in service activities but did not report this to their service chair. This affirms the 2023 analysis regarding student reporting and additional touch-points with the service chair will be established to facilitate improved reporting.

Long-Term Analysis:

There has been some fluctuation in service engagement among faculty and students over the last 5 years. These fluctuations can be attributed to several factors including, but not limited to, timing of data collection, the COVID-19 pandemic, underreporting of service engagement, and challenges with documentation of service by students. It is expected that participation will improve to meet the benchmark moving forward with improved communication and reporting processes. Given that Staff service was only added in 2023, long-term analysis of that portion of the benchmark is not included.

HPU PA Program only partially met the benchmarks for participation in community service for 2024 therefore improved effort in this area is required to meet the established goal of engaging faculty and students in active and on-going professional, scholarly, and community engagement activities as evidenced by the volume of faculty and student participation in community service activities.