

**Indiana University School of Medicine  
Health Professions Programs**

**2004 – 05 Assessment Report**

The Health Professions Programs include the undergraduate programs that reside within the School of Medicine. These include:

<u>Program</u>	<u>Degree Awarded</u>
Clinical Laboratory Science	B.S.
Cytotechnology	B.S.
Histotechnology	Cert., A.S.
Paramedic Science	A.S.
Radiologic Sciences	A.S., B.S.
Radiation Therapy	B.S.

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**Assessment of the Health Professions Programs Goals**

**Goal 1:** To build upon sound principles of general education by preparing students to communicate effectively, exhibit quantitative skills, think critically, integrate and apply knowledge, exhibit intellectual depth and breadth, be intellectually adaptive, appreciate societal and cultural diversity, and apply ethical standards and values to professional practice.

<b>Goal / Principle</b>	<b>Program Competency</b>	<b>Teaching Strategy</b>	<b>Measures</b>	<b>Benchmarks</b>	<b>Met/Unmet</b>	<b>Actions Taken</b>
1. Communication and Quantitative Skills	Write effectively	Papers	Scores on papers			
	Comprehend, Interpret, and Analyze Text	Case Study reports and presentations	Feedback on reports			
	Demonstrate Effective oral Communication Skills		Feedback on presentations			
	Solve quantitative problems	Practical Exams		HPP will have at least 90% pass rate on completed clinical experiences	Met – 99%	None required
	Use information resources and technology for personal and professional needs	Clinical Experiences	Ratings on clinical experiences			
		Laboratories	Student presentations at professional meetings		At least one HPP student will present or publish at Undergraduate Research Opportunities Program or at state or national level	Met
		Student published papers				
		Employer surveys		For employer surveys, HPP will receive summative evaluation rating of at least 3 on a 5 point scale.	Unmet-Limited data available this year	Will complete 05-06

Goal / Principle	Program Competency	Teaching Strategies	Measures	Benchmarks	Met/Unmet	Actions Taken
2. Critical Thinking	Use knowledge to explore new questions from multiple perspectives	Class discussions	Feedback on class participation	HPP will have at least 90% pass rate on final clinical experience	Met – 99%	None required
	Solve challenging problems	Article critiques	Scores on critiques	HPP will have at least 95% pass rate on final practical exams	Met – 99%	None required
	Analyze complex issues, make informed decisions, evaluate decisions made	Practical Exams	Ratings on clinical experiences			
	Synthesize information to arrive at reasoned conclusions		Final Practical Exam Scores			
	Evaluate logic, validity, and relevance of information					
3. Use information and concepts from multiple disciplines in intellectual, professional and community lives	Enhance personal lives	Clinical experiences	Ratings on clinical experiences	HPP will have at least 95% pass rate on clinical experience	Met – 99%	None required
	Meet academic and professional competencies	Capstone courses	Capstone course gradess			
	Further goals of society	Summative Examinations	Comprehensive Exam Scores	Average score of program cohort will be at or above national mean on total and content scores	Met – 100% of those completed	None required
		Employer Surveys	Ratings on Employer Surveys	HPP will have average summative rating of at least 3 or greater (5 point scale)	Unmet-Limited data available this year	Will complete 05-06

Goal / Principle	Program Competencies	Teaching Strategies	Measures	Benchmarks	Met / Unmet	Actions Taken
4. Intellectual Depth, Breadth, and Adaptiveness	<p>Demonstrate substantial knowledge of at least one field of study</p> <p>Compare / contrast approaches to knowledge in different disciplines</p> <p>Modify approach to issue / problem based on contexts / requirements of situations</p>	<p>Clinical experiences</p> <p>Practical Exams</p> <p>Capstone Courses</p>	Ratings on clinical experiences	HPP will have at least 95% pass rate on clinical experiences	Met – 99%	None required
			Final Practical Exam Scores	HPP will have at least 95% pass rate on final practical exams	Met – 99%	None required
			Summative Exam Scores	HPP will have at least 90% pass rate on final exam rate	Met – 98%	None required
			Certification Exam Scores	Average score of program cohort will be at or above national mean on certifying exams	Met – 100% for those completed	None required
			Student Job Placement	For HPP graduates seeking employment, at least 90% placed in jobs within six month of graduation	Met -- 94%	None required
Employer Surveys	HPP will receive summative rating of at least 3 on a 5 point scale from employer evaluations	Unmet-Limited data available this year	Will complete 05-06			
5. Society and Culture	<p>Compare / contrast range of diversity and universality in human history</p> <p>Analyze and understand inter-connectedness of global and local concerns</p> <p>Operate with civility in a complex social world</p>	<p>Clinical experiences</p> <p>Problem-based learning exercises</p> <p>Expectations for professional behavior embedded in curriculum</p>	<p>Written papers</p> <p>Written exams</p> <p>Ratings on clinical experiences</p> <p>Graduate surveys</p> <p>Employer surveys</p>	All HPP students follow appropriate professional code of ethics.	Met—100%	None required

Goal / Principle	Program Competencies	Teaching Strategies	Measures	Benchmarks	Met / Unmet	Actions Taken
6. Values and Ethics	Make formal and principled choices in conflicting situations / foresee consequences of choices  Recognize importance of aesthetics in personal lives and to society	Class discussions  Case study reports  Clinical experience	Ratings on clinical experiences  Employer surveys  Critical incident reports	HPP will have at least 95% pass rate on clinical experiences  HPP will receive summative rating of at least 3 or better on 5 point scale for employer evaluations	Met – 99%  Unmet-Limited data available this year	None required  Will complete 05-06

**Goal #2:** To provide undergraduate degree programs that offer education related to the provision and management of health services by the various health professions.

Goal / Principle	Program Competencies	Teaching Strategies	Measures	Benchmarks	Met / Unmet	Actions Taken
1. To provide undergraduate degree programs	Complete certificate or degree programs  Obtain credentials required for practice	Capstone courses  Clinical experiences	Final Course Grades  Comprehensive Exams  Final Practical Exams  Certification Exam Scores	HPP will have at least 90% graduation rate  HPP will have at least 95% pass rate on clinical experiences  Average score of program cohort will be at or above national mean on certification exam	Met – 99%  Met – 99%  Met – 100% for those completed	None required  None required  None required

**Goal #3:** To contribute to the advancement of knowledge through research

Goal / Principle	Program Competencies	Teaching Strategies	Measures	Benchmarks	Met / Unmet	Actions Taken
1. Advance knowledge through research	Conduct literature review  Collect data  Analyze data  Present results  Conduct research	SOM provides opportunity to participate in research endeavors  IU provides opportunity to participate in research skill development	Peer reviewed articles  Platform presentations  Poster presentations  Book chapters  Grants submitted  CD-ROM  Textbook  Abstracts  Other journal articles	HPP faculty will complete or participate in at least four measures.	Met - Collectively, faculty published 2 articles, presented 1 poster. Submitted 3 contracts/grants and two have been secured. Published one CD-ROM, one textbook, one abstract, three other journal article and one other publication .	None required

**Goal #4:** To provide continuing education for health professions practitioners wishing to further their career development

Goal / Principle	Program Competencies	Teaching Strategies	Measures	Benchmarks	Met / Unmet	Actions Taken
1. Provide continuing education for practicing professionals	Engage in life long learning  Engage in activities that promote career development	Provide programs that are approved by professional organization continuing education program  Provide programs that meet needs of practitioners	Number of CE units offered	HPP faculty will provide at least one program annually  HPP faculty will provide at least 5 external lectures annually  Participant evaluation ratings will be above average.	Met - Five faculty provided oral presentations.  Met - Five external lectures were provided.  Met	None required  None required - however will still encourage increased productivity  None required

**Goal #5:** To foster the development of lifelong habits for scholarship and service among faculty and students.

Goal / Principle	Program Competencies	Teaching Strategies	Measures	Benchmarks	Met / Unmet	Actions Taken
1. Encourage life long habits of service among faculty	Participate in service activities at all levels of professional and/or community life	Seek / accept membership on committees  Seek / accept leadership roles	Performance indicator reports	At least 70 % of HPP faculty will participate in service / leadership activities	Met – 90% engaged in service and 80% engaged in leadership	None required
2. Encourage life long habits of service among students	Participate in service in profession or community	Pursue membership in professional Organizations	Student reports of service  Graduate surveys	At least 10 % of professional students will participate in service activities	Met	None required
3. Provide faculty with opportunity to participate in scholarly or creative activities	Participate in continuing education  Present academic instruction informed by current research and body of knowledge  Participate in scholarly or creative activity  Participate in patient education	SOM provides opportunity to participate in continuing education programs  SOM provides opportunity to participate in scholarly or creative activities	Performance indicator reports	At least 50% of HPP faculty will participate in scholarly activity	Met	None required
4. Provide students with opportunity to participate in scholarly or creative activities	Participate in scholarly or creative activity with HPP faculty	Capstone projects	Final course project	At least 50% of B.S. students in final year will be involved in scholarly or creative activity	Met—99% of those responding	None required

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