

STRATEGIC PLAN

SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES

2003-2008

(Currently under revision)

CONTENTS

Preamble	2
Mission	3
Vision	4
Goals, Strategies, and Metrics	5
Discovery	10
Learning	13
Engagement.....	17
Peer Schools or Colleges of Pharmacy	20
Funding the Plan	21
Implementation	22

PREAMBLE

The School analyzed internal and external forces of change as they affect our various programs and activities. These forces include:

- Increased Opportunities for Interdisciplinary Research
 - ✓ Discovery Park – Nanotechnology, Proteomics, and E-enterprise
 - ✓ Purdue Cancer Center
 - ✓ Other Interdisciplinary Research Initiatives
 - ✓ Life Sciences Mall (Discovery Park East)
 - ✓ NIH and Other Federal Agencies
 - ✓ Indiana University School of Medicine
 - ✓ Multiuniversity Consortia
- Increased Opportunities for Graduate Education
 - ✓ Multidisciplinary Graduate Programs
 - ✓ International Collaborations in Graduate Education
- Increased Demand for Pharmacists and Pharmaceutical Scientists
 - ✓ Diverse Populations
 - ✓ Globalization
 - ✓ Increase in Clerkships and Internships
 - ✓ Limitations in Space for Faculty and Students
- Changes in Funding Opportunities
 - ✓ Limited Funding from the State of Indiana
 - ✓ Increased Funding from Donors and Corporations
 - ✓ Increased Opportunities to Assist State in Economic Development
 - ✓ Increased Entrepreneurial Opportunities
- Increased Regulations Affecting Both Discovery and Learning
- Increased Emphasis on Drug Quality, Costs, and Safety; Access to Care and Disease Prevention; and Therapeutic Outcomes
- Increased Necessity for Use of World-Wide Information Systems

This five-year plan is designed to take the School of Pharmacy to the next level of preeminence by increasing opportunities and surmounting obstacles in our internal and external environments.

MISSION

Discovery

Develop and conduct specific research and service programs to discover new knowledge, meet strategic research objectives, address the health care needs of society, and serve the practice needs of pharmacists and other health professionals.

Foster innovative research (including interdisciplinary research) by building collaborations with other units at Purdue, faculty and research administrators at other universities, industrial scientists, and pharmacy practitioners, in order to enrich the intellectual atmosphere of the School and broaden the scope of our research capability.

Learning

Provide professional education that is directed toward general, scientific, and patient-centered outcomes that prepare doctor of pharmacy (Pharm.D.) graduates to deliver effective and efficient pharmaceutical care.

Provide an undergraduate pharmaceutical sciences (BSPS) program that gives students access to a fundamental understanding of the basic science disciplines on which pharmacy is based.

Provide graduate and postdoctoral programs that enable qualified students to acquire more extensive knowledge in the pharmaceutical and related sciences, and skills in scientific research in order to function as educators and scientists in higher education, government service, the pharmaceutical industry, and the health care industry.

Contribute to interdisciplinary and international learning initiatives.

Promote ethical responsibility, professionalism, and a commitment to lifelong learning among graduates. Support lifelong learning opportunities by providing continuing education through distance learning and certificate programs.

Engagement

Advance and foster innovation in the practice of pharmacy.

Create new business opportunities to discover new drugs, and solve drug development, delivery, therapy, and diagnostic problems, while assisting the economy of Indiana.

Engage professional practices, the pharmaceutical industry, our alumni and friends, and the expertise of our retired faculty, providing rich opportunities for collaboration and growth.

Provide opportunities for post-graduate education (and training) in programs designed to meet the needs of the profession, the state and national constituents.

VISION

The Next Level: Preeminence

The vision of the School of Pharmacy and Pharmaceutical Sciences is to be internationally recognized as the preeminent institution for pharmacy education and scholarly research. Graduates will be leaders in institutions of higher education and industries related to the discovery, development, and use of therapeutic agents.

Efforts to achieve this vision will enable us to:

- Employ and retain a diverse faculty and staff recognized for their excellence and professional distinction.
- Attract a superior and diverse student body dedicated to learning and achievement in the various disciplines related to pharmacy.
- Form collaborations with public and private enterprise to enhance learning, discovery, and engagement in the field of pharmacy that will lead to economic development in the State of Indiana.
- Perform interdisciplinary research and scholarly activities that open up new disciplines related to drug discovery, drug development, and pharmaceutical care.
- Allow for the sophisticated use of worldwide information systems that enhance all areas of learning, discovery, and engagement.
- Enhance programs and activities that focus on improving student skills in communication, leadership, responsible use of values and ethical principles, critical thinking and decision-making, group interaction and citizenship, and self and continuous learning.

Achieving this vision will require:

- Additional physical facilities, including a new Pharmacy building.
- Increase in research funding.
- Increase in private gifts.
- Increase in faculty size.
- Increase in the number of pharmaceutical sciences (BSPS) students, graduate students, and postdoctoral residents and fellows.
- State support and lead gift for the new Pharmacy building.
- Additional tuition revenue.

GOALS, STRATEGIES, AND METRICS

Overarching Goals, Strategies, and Metrics

Goal 1. The School should be recognized as one of the preeminent Schools or Colleges of Pharmacy in the United States.

Strategy A. Recruit and retain a faculty and staff of the highest academic and professional stature.

Metrics

1. Number of new faculty hired.
2. Number of endowed professorships and chairs.
3. Metrics of faculty excellence (see **Discovery**, Strategy F).
4. Records of staff initiatives and activities.
5. Results of external evaluations.

Strategy B. Recruit and retain a student body (professional, BSPS, and graduate) of the highest possible quality.

Metrics

1. Applicant-to-admit ratios of students in the various programs.
2. Entering GPA of undergraduate and professional students.
3. Entering SAT/ACT scores of undergraduate and professional students.
4. GPA of students in the various programs.
5. Retention ratio of students in all programs.
6. Results of accreditation reviews.

Goal 2. Assist the University in enhancing human and intellectual diversity to build a student body, faculty, and staff that reflects our society, while fostering a climate that enhances inclusiveness and equity, assures respect for human dignity, and positions Purdue as a place of choice, support, and pride.

Strategy A. Actively recruit candidates for new faculty and staff positions who represent diverse races and cultures.

Metrics

1. Demographic data on faculty, including percentages of underrepresented populations.
2. Faculty retention data for underrepresented populations.

Strategy B. Actively recruit and retain students who represent diverse races and cultures.

Metrics

1. Demographic data on students, including percentages of underrepresented populations.
2. Funds used for student diversity initiatives and programs.

Strategy C. Maintain a diverse yet cohesive academic environment in which faculty, students, and professional staff engage each other in a rich mix of intellectual activities.

Metric

1. Number and type of activities in which faculty, staff, and students participate together, and records of the faculty and staff, as well as numbers of students, who participate.

Goal 3. Assist the University in enhancing flexibility and agility in the development, allocation and use of resources.

Strategy A. Create new faculty positions through the use of the Provost's Strategic Planning funds.

Metric

1. Number of new strategic-plan faculty hired.

Strategy B. Utilize the cluster-hire process for the enhancement of interdisciplinary cooperation and most efficient use of resources.

Metrics

1. Number of faculty recruited and hired as cluster hires.
2. Number and names of departments outside of pharmacy with whom cluster-hiring collaborations have been developed.

Strategy C. Assist with matching funds, where appropriate, collaborative discovery, learning, and engagement initiatives.

Metric

1. Matching funds devoted to discovery, learning, and engagement initiatives.

Strategy D. Vigorously pursue financial resource development that acknowledges the importance of partnership and the interdependence of multiple funding sources.

Metric

1. Financial resources of the School as a function of time, broken down by:
 - (a) Gifts and deferred gifts to the School
 - (b) Extramural funds
 - (c) Continuing education revenues
 - (d) State funds
 - (e) Other funds

Goal 4. Identify and strengthen core focus areas in discovery, learning, and engagement.

Strategy A. Continually assess and update the “Core Research Competencies” with the Office of the Vice-President for Research.

Metric

1. Frequency of updates.

Strategy B. Interface the strengths of Pharmacy with Purdue initiatives.

Metrics

1. Number and names of faculty who are affiliate members of the Discovery Park Centers.
2. Number and dollar amount of interdisciplinary proposals submitted by Pharmacy faculty with faculty from outside of pharmacy.
3. Number of activities in the Purdue Research Park.

Strategy C. Foster collaborative interactions outside of Purdue when they will further advance the efforts of the School in discovery, learning, and engagement.

Metrics

1. Number and type of collaborative/management relationships with other health-care organizations, especially those in Indiana.
2. Number and type of collaborative research interactions outside of Purdue.

Goal 5. Maintain, improve, and expand physical facilities and infrastructure that will foster and support faculty, staff, and student activities in discovery, learning, and engagement.

Strategy A. Foster resource-development efforts that can provide resources for physical facilities improvements, including, if possible, a new building in the Discovery Park-Phase II area of campus.

Metrics

1. Development contacts with potential donors related to physical facilities.

2. Construction and facilities-improvement grant proposals and awards.
3. University special project awards.
4. Renovations completed/deferred.
5. Space allocated for discovery, learning, and engagement.

Strategy B. Continue expenditures for infrastructure that support the core missions of the School.

Metrics

1. Expenditures for physical facilities.
2. Expenditures for infrastructure, e.g., information technology support, shop services, etc.

Goal 6. Increase efficiency and effectiveness through continuing self-assessment, quality improvement, and accountability to stakeholders.

Strategy A. Carry out regular programmatic reviews.

Metrics

1. Results of self-studies and external reviews for Pharmacy accreditation.
2. Results of self-studies and external visits related to graduate program reviews.

Strategy B. Obtain regular input from the Industrial Advisory Council, the Minority Advocacy Council, and the Professional Advisory Council.

Metrics

1. Number, date, and type of advisory council meetings held.
2. Recommendations of Advisory Councils.

Strategy C. Obtain regular input from students, which includes, but is not limited to, evaluations of all courses in both the graduate and undergraduate curriculum.

Metrics

1. Number of course evaluations.
2. Results of Dean's focus groups with students.
3. Number and results of meetings with pharmacy student organizations, both undergraduate and graduate.
4. Surveys of graduates.

Strategy D. Obtain regular input in regard to research and graduate programs through membership of faculty from outside the School and adjunct faculty on graduate committees, where appropriate.

Metrics

1. Number of Purdue faculty on graduate committees from outside the School.
2. Number of adjunct faculty and *ad hoc* graduate committee members from other institutions.
3. Number of adjunct faculty and *ad hoc* graduate committee members from industry.

DISCOVERY

Overarching Goal for Discovery: Achieve and sustain preeminence in research related to discovery, development, manufacture and delivery, and the use of therapeutic and diagnostic pharmaceutical agents.

Characteristics

1. A critical mass of faculty, staff, and graduate students in basic and applied research in fields central to the profession of pharmacy and other biomedical sciences.
2. First-class research laboratory infrastructure with state-of-the-art instrumentation to support sponsored programs.
3. World leadership and significant impact on the field.
4. Outstanding pharmaceutical sciences (BSPS), professional, and graduate students, postdoctoral residents, and fellows to support and advance drug-related research.
5. Interdisciplinary centers, networks, and collaborative programs with a number of constituents.
6. Expertise in drug discovery, mechanisms, dynamics, cancer biology, neuropharmacology, proteomics, controlled drug delivery, pharmacy-related service delivery, and health outcomes (epidemiology and economics).
7. Programs that involve pharmaceutical sciences (BSPS) and professional program students in research.
8. Outstanding graduate and postgraduate programs.

Strategies

Strategy A. Maintain and improve extramural funding to support research.

Metric

1. Proposals and awards.

Strategy B. Utilize matching funds and collaborative grants as a means of sustaining and increasing the preeminence of the School.

Metrics

1. Matching funds used for startup.
2. Matching funds used for collaborative grants.

Strategy C. Utilize funds from the Molecules to Market program and the Chao cGMP Center to strengthen and increase excellence in core research areas.

Metrics

1. Funds raised by the Chao cGMP Center.
2. Support of research, including graduate student support, by cGMP funds.

Strategy D. Maintain and improve excellence in the core research areas of the School.

Metrics

1. Number of peer reviewed publications.
2. Number of papers presented at national meetings.
3. Number of invited presentations.
4. Grants applied for and awarded.
5. Results of research and graduate program reviews.

Strategy E. Seek and take advantage of interdisciplinary research opportunities by participation in Purdue interdisciplinary centers, especially the Cancer Center and centers associated with the Discovery Park initiative.

Metrics

1. Number and names of faculty who participate in university-wide (or inter-university) centers.
2. Number of and dollar value of interdisciplinary proposals in which School faculty participate.
3. Number and dollar value of Discovery Park proposals and awards in which School faculty participate.

Strategy F. Recruit and retain a faculty and staff of the highest academic and professional stature and achievement.

Metrics

1. Retention data on faculty.
2. Number of peer reviewed publications.
3. Number of papers presented at national meetings.
4. Number of invited presentations.
5. Grants applied for and awarded.
6. Faculty awards and recognitions.

Strategy G. Create additional incentives for faculty to achieve preeminence by linking funding, load factors, and productivity in scholarship to various packages of support and benefit. (This depends to some extent on the University's adoption of a bonus policy.)

Metrics

1. Number of faculty with bonuses resulting from University bonus plan.
2. Yearly teaching and service load, including number of graduate students directed in research, as a function of extramural funding.
3. Number of clerkship students and residents mentored by faculty.

Strategy H. Develop and maintain a stimulating and supportive, state-of-the-art infrastructure that includes informational, technical, facility, and human resources.

Metrics

1. Dollars spent on facility improvements.
2. Dollars spent on infrastructure.
3. Dollars spent on staff positions related to discovery.
4. Square footage of facilities related to discovery.

Strategy I. Foster superior graduate programs characterized by strong students and an active involvement of undergraduate students in research.

Metrics

1. Graduate enrollment.
2. Metrics on entering students (e.g., GRE scores, undergraduate GPA, etc.).
3. Retention data on graduate students.
4. Dollars spent on graduate student support.
5. Number of undergraduate/professional students involved in research.
6. Dollars spent on undergraduate research.
7. Number of domestic students.

Strategy J. Enhance the impact of research and scholarship both domestically and internationally in drug discovery, drug development, delivery and drug utilization.

Metrics

1. Number and dollar value of licenses and patents.
2. Number of disclosures.
3. Number and names of faculty involved in consulting arrangements, and their affiliations.
4. International scientists (visiting scientists and postdoctorals) trained.

LEARNING

Overarching Goal for Learning: Attain and preserve excellence in learning through programs of superior quality and value.

Characteristics

1. Educational programs that prepare learners to be innovative and to excel in their future academic and professional pursuits.
2. Core student competencies that include critical thinking, problem solving, independent learning, communication skills, information and information technology literacy, understanding methods of scientific inquiry, and adherence to ethical principles.
3. A climate that fosters human and academic diversity, promotes interactive, experiential, interdisciplinary, individual, and team-based learning that can maintain and enhance a lifelong search for knowledge and wisdom.
4. Enhanced faculty involvement in advancing learning and faculty excellence in improving learning outcomes.
5. Superior infrastructure, including facilities that foster learning excellence.
6. Educational opportunities through programs and services that foster leadership and illuminate and demonstrate their relevance to life experiences.
7. Outstanding educational programs for all constituents in professional, pharmaceutical sciences (BSPS), graduate, certificate, and distance learning programs.
8. Adequate faculty resources to sustain clinical clerkship training at Wishard Health Services, other hospitals affiliated with the clinical services of the Indiana University School of Medicine, and at other locations within and surrounding the State.
9. Quality student services staff and programs.

Strategies

Strategy A. Increase the number of faculty members and their participation in instruction, including increased involvement in instruction in Pharm.D. clerkships.

Metrics

1. Number of new faculty members hired.
2. Shares of class sections, clerkship rotations, and credit hours taught by faculty.
3. Student credit hours (SCH) per FTE faculty.

Strategy B. Expand programs for faculty, graduate students, professional staff and affiliate faculty (preceptors) to improve their teaching abilities.

Metrics

1. Number of professional educational development seminars or programs attended by faculty and professional staff.
2. Number of graduate students participating in teaching development programs sponsored by the University or within academic departments.
3. Number of preceptors and potential preceptors attending clerkship development programs.

Strategy C. Provide a state-of-the-art pharmacy and laboratory space where professional program students gain invaluable practice experience.

Metrics

1. Obtain space and relocate the Purdue University Pharmacy to the Purdue University Student Health Center, or another acceptable site.
2. Acquisition of dispensing software that meets current practice standards.
3. Renovation of the current pharmacy practice integrated laboratory space to meet up-to-date instructional needs.

Strategy D. Utilize the Molecules-to-Market Program to expand involvement in regulatory and quality-control science educational offerings.

Metrics

1. Number of students enrolled in the regulatory program.
2. Number of students enrolled in the quality-control science program.

Strategy E. Facilitate student learning through introduction of innovative instructional methodologies and, where appropriate, through integration of technology into instruction.

Metrics

1. Number and scope of innovations in instructional methodology incorporated into curriculum.
2. Educational and general (E&G) expenditures per FTE student.

Strategy F. Systematically conduct periodic program self-studies that assess learning outcomes and student success.

Metrics

1. Retention rates for undergraduate and professional students.
2. Years-to-degree for graduate students.
3. Career placement and advanced study enrollment for undergraduate and professional students.
4. Number of graduate students receiving honors and awards.

5. Passing rate for national licensure examinations.
6. Number of undergraduate, professional and graduate students placed on probation.
7. Quality of entering students as measured by SAT scores (undergraduate) and GRE scores (graduate students).
8. Financial aid per student as a fraction of educational and general (E&G) expenditures.
9. Student debt at the time of graduation as a percentage of beginning salaries.

Strategy G. Support opportunities to increase the number of faculty receiving teaching awards and provide recognition of scholarly achievements related to teaching.

Metrics

1. Number of faculty nominated for University and national teaching awards.
2. Number of teaching awards received by faculty.
3. Number of scholarly publications, presentations, and textbooks related to teaching.

Strategy H. Support opportunities to increase extramural awards for educational programs.

Metrics

1. Number of education-related grants submitted to funding agencies.
2. Number of faculty supported to attend workshops designed to inform on educational program funding opportunities.

Strategy I. Develop and implement curriculum strategies to ensure achievement of core competencies while fostering differentiation through elective programs and courses.

Metrics

1. Biannual review of course structure and content with respect to general and professional outcome abilities.
2. Student learning outcomes addressed at the program level.
3. Number of elective course offerings.
4. Number of students earning minors or specializations.

Strategy J. Expand student learning opportunities and increase student participation in undergraduate research; experiential, collaborative, and interdisciplinary programs; and career development programs.

Metrics

1. Number of students involved in undergraduate research.
2. Number of students participating in summer practice-related internships.
3. Number of students participating in industrial internships.
4. Number of career development-related presentations by outside invited speakers.

Strategy K. Optimize learning opportunities (residential and distance education) in critical areas of demand that are consistent with the strengths of the School and the learning needs of students, pharmacy practitioners, and industrial constituents.

Metrics

1. Number of industrial internship partner companies.
2. Number of students enrolled in distance education continuing education programs.
3. Number of new continuing professional education programs developed.

Strategy L. Foster professionalism, expand opportunities for personal growth, and enhance leadership development through co-curricular activities and student support programs in the various student organizations of the School.

Metrics

1. Number of school-wide student events sponsored.
2. Amount of annual support for student professional development activities.
3. Number of students attending regional and national professional meetings.

Strategy M. Evaluate strategies for offering dual Pharm.D./BSPS, Pharm.D./MS, Pharm.D./MBA or Pharm.D./MSIA, Pharm.D./Ph.D., post-Pharm.D. fellowship/residency, BSPS/Ph.D., and BSPS/MS programs.

Metrics

1. Development of dual degree programs.
2. Number of graduates from dual degree programs.

ENGAGEMENT

Overarching Goal for Engagement: Effectively address the needs of society through engagement.

Characteristics

1. Effective partnerships with public and private agencies and organizations as well as among disciplines within the University community to respond to a variety of social, environmental, and economic development needs.
2. Greater interaction with the FDA.
3. An improved position of national leadership in knowledge and technology transfer.
4. Initiatives that improve quality of life and well being at the state, national, and international levels.
5. A vital role for the School in strengthening Indiana's economy and improving the qualifications of the state's workforce.
6. Responsive engagement of our constituents through continuing education and lifelong learning programs.
7. Mutually beneficial relationships with other educational institutions in Indiana and the United States and abroad, private sector partners, alumni, retirees, and friends.
8. Integration of the engagement initiatives of the School with its discovery and learning missions.
9. Service on national panels and organizations to enhance the practice and scientific enterprise.
10. Serve as consultants, reviewers, and editors for prestigious, nationally and internationally recognized organizations and publications.
11. Efforts to enhance the improvement of public health policy.

Strategies

Strategy A. Seek partnerships with corporate constituents to advance ongoing research and educational initiatives to identify new opportunities for growth and increase program strength.

Metrics

1. Number of faculty serving as consultants.
2. Number of companies/employers selecting the School as "recruiters' choice" for graduates.
3. Number of license agreements and revenue.
4. Number of start-up companies.

5. Record of technology transfer (start-up companies, partnerships, license agreements, and revenues).
6. Career placement of graduates.
7. FTE faculty involvement in engagement activities.
8. Number of collaborative projects/consortia with companies and universities.
9. Number of companies/students participating in the Master's in Regulatory Affairs program.

Strategy B. Expand disciplinary and interdisciplinary initiatives that improve quality of life.

Metrics

1. Number of collaborative projects with Discovery Park.
2. Number of collaborative projects/consortia with other universities and companies.

Strategy C. Collaborate with health care providers to advance the practice of pharmacy.

Metrics

1. Number of Continuing Education programs offered.
2. Number of services implemented through clerkships.
3. Number of patient education programs offered by faculty.

Strategy D. Enhance the partnership with Wishard Health Services that augments patient care needs, expands experiential learning sites, and strengthens the relationship between the School of Pharmacy and a university teaching hospital.

Metrics

1. Number of clerkship rotations.
2. Number of services implemented.
3. Cost of implemented programs and associated clinical outcomes.
4. Number of FTE clinical practitioners.

Strategy E. Educate, retain, and retrain the workforce in targeted fields and advance pharmacy practice worldwide through continuing education, certificate and academic degree programs, and other lifelong learning opportunities.

Metrics

1. Enrollment in continuing education, distance learning, and lifelong learning programs.
2. Number of pharmacists participating in certificate and nontraditional Pharm.D. programs.
3. Number of training sites developing new pharmacist care services at their practice site.
4. Number of advanced clerkship preceptors serving as role models for Purdue Doctor of Pharmacy students.
5. Number of preceptors developing organized, advanced clerkship rotations at their practice site.

6. Number of B.S. Pharmacy pharmacists earning the Doctor of Pharmacy by nontraditional means.
7. Number of pharmacists enrolled in the International Nontraditional Doctor of Pharmacy Program.

Strategy F. Utilize the Chao cGMP Center and similar activities as a means of increasing the engagement of our constituents in our programs.

Metrics

1. Number of contracts signed.
2. Chao Center revenue.
3. Number of jobs created.
4. Number of inquiries from major pharmaceutical companies.

Strategy G. Assist the University in developing and implementing a vigorous program of internal and external communications designed to promote the School, the University, and its graduates, and enhance the impact of discovery, learning, and engagement.

Metrics

1. Number of appearances of School accomplishments and expertise in national and international media.
2. Number of faculty serving as journal editors, on editorial boards, and as peer reviewers in the academy.
3. Number of elected and appointed leadership positions in professional and scientific organizations.

Strategy H. Enhance alumni relations by cultivating alumni interests, increasing communication, and involving alumni and friends in School programs and with students and faculty.

Metric

1. Number of alumni and friends engaged in formal School programs.

Strategy I. Increase private funding for the School of Pharmacy through a focus of resources on major gift donors and prospects.

Metrics

1. Number of \$1,000+ (President's Council) Donors.
2. Number of endowed funds.

Strategy J. Actively engage and solicit input from alumni and corporate stakeholders through the Industrial Advisory, the Minority Advocacy, and the Professional Advisory Councils.

Metric

1. Convene semi-annual meetings of the councils.

PEER SCHOOLS OR COLLEGES OF PHARMACY

Ohio State University
University of Arizona
University of California at San Francisco
University of Florida
University of Iowa
University of Michigan
University of Minnesota
University of Texas-Austin
University of Wisconsin

FUNDING THE PLAN

The School's vision to become the preeminent institution will require a carefully constructed funding plan to support and implement the strategic plan. The plan recognizes the interdependence of various funding sources and the importance of combining funds to support key initiatives, with the following assumptions:

State Appropriations

- Pharm.D.
- BSPS
- Clerkships

Fees and Tuition

- Pharm.D.
- BSPS
- Certificate programs
- Nontraditional Pharm.D.

Sponsored Funding

- NSF
- NIH
- DOE
- FDA
- EPA
- DOD
- Industrial grants
- Grants from foundations, professional organizations, and nonprofit institutions
- Indiana 21st Century Research and Technology Fund

Other Sources

- Contract projects/charge-back income
- Licenses and royalties
- Private gifts
 - Chao Center
 - Fellowships
 - Professorships
 - Building and other physical facilities
- Income from Chao Center
- Executive MS program in regulatory affairs
- University fellowships and research grants
- Other federal sources

Characteristics

Achieving the vision will require targeted investments in several key areas. Revenue increases are necessary, including higher tuition rates, and existing resources will be redirected. Opportunities will be leveraged to yield maximum impact.

IMPLEMENTATION

During the course of implementing this strategic plan, the School of Pharmacy will demonstrate a culture of resource development, planning, and allocation that is driven by strategic plan priorities and an evaluation of the associated metrics. The School of Pharmacy will assess and report its progress to the Provost annually based on the strategic plan goals and metrics as well as on the benchmark measures for comparison with Purdue's peer institutions.