

Informatics/Media Arts and Science

Mission Statement

A School-wide strategic planning process was completed in December 2007 under the leadership of Dean Robert Schnabel. That planning process identified School-wide opportunities and challenges and produced the following mission statement:

"The Indiana University School of Informatics has set as its goal to be nationally recognized as the foremost in the country for excellence and leadership in Informatics programs, including undergraduate and graduate education, research, placement and outreach.

We believe there is great need and opportunity for professionals trained in state-of-the-art information technology and science with an emphasis on creative human applications. There is an urgent need in our society for graduates with education and experience in informatics, particularly with interdisciplinary skills. The School of Informatics will be foremost in the country to graduate professionals with formal preparation in information technology with subject area expertise."

While many elements of the overarching plan provide excellent direction for Informatics activities on the IUPUI campus, there will be additional strategic planning for IUPUI Informatics during 2008-2009. That planning will emphasize IUPUI's special opportunities and challenges as an urban university. The unit is in its second year of interim leadership. After a year of co-leadership by Drs. Sara Hook and Mathew Palakal, Dr. Anthony Faiola was appointed interim Executive Associate Dean in July of 2007. Dr. Faiola also serves as program director for the Human-Computer Interaction program and the Media Arts and Science program. A national search is now underway for a permanent Executive Associate Dean.

Reallocation Plan (N/A)

Fiscal Health

The School of Informatics at IUPUI continues to perform at a satisfactory level with a healthy fund balance to cover fiscal year 2007-2008 deficits. The deficit was primarily the result of the over \$300k in construction costs to complete an audio production room (a room not finished when the ICTC building was turned over to the University) and conversion of IT 358 from a computer classroom to a video production/green screen room.

Informatics projected that credit hours for 2007-2008 would remain flat from fiscal year 2006-2007 at both the undergraduate and graduate levels. Graduate credit hours were indeed flat, but the unit realized a 10% increase in undergraduate credit hours over 2006-2007. For 2008-2009, leadership is projecting an 8% increase in undergraduate credit hours and 12% increase in graduate credit hours. Currently the unit is ahead of fall projections by 9% in undergraduate credit hours but below by the same percentage in graduate credit hours.

The most recent fiscal analysis indicated that Informatics will have a surplus in 2008-2009. This is due to having a budgeted position that has thus far been unfilled, conversions of three faculty members from 12-month to 10-month appointments and several resignations. A special emphasis on distance education has been successful. (See attached) In addition, three faculty positions were filled at salaries less than what was budgeted. Leadership is reviewing the possible funding of other faculty positions as well as a staff position.

Best Practices:

- ◆ [Communicate and manage reputation](#)

Campus Planning Theme: Best Practices

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

The Program Review recommended that School programs be unified under a single, more sharp defined vision and definition of Informatics. The challenge is to better define and represent an evolving discipline without excluding future areas of research in this rapidly changing field.

- A School-wide communications plan was completed in 2008, which identified consistent message themes designed to create awareness of the School, enhance revenue, and implement communication strategies that are more data-driven.
- A web team, which includes the award-winning designer of the IUPUI website, was assembled to revise the current IUPUI Informatics web site. The process should provide a forum to discuss and represent a more sharply defined vision of the discipline.
- The Director of Community Relations continues to promote the School's faculty, students research, service and scholarship. Emphasis is placed on identifying students and faculty who are engaged in particularly compelling work - stories that can be told as a means of extending the general understanding of Informatics, its implications and applications.

Activities planned for 2008-2009:

- IUPUI Informatics will examine its specific communication and marketing needs in light of the existing School-wide communication plan
- Over the course of the 2008-2009, the Web team will assemble all-new content, design, photography, video, student and faculty features, and information architecture. The website is being designed to serve as a communication and marketing tool for prospective students as well as a resource for current students planning their academic and career path.

Evidence of Progress:

- IUPUI Informatics participated in the School-wide communication planning process.
- The Web redesign committee has conducted four focus groups of undergraduate, graduate and international students. That data has been examined and interpreted by an outside review; wireframes models for two possible approaches to new website architecture have been developed and are being tested. An updated timeline has been provided by the team.
- Stories promoting the School, its faculty and students are told by various means including

the School's Web site, news releases, and streaming video.

◆ **Conduct effective planning and improvement processes**

Campus Planning Theme: Best Practices

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- A formal Self-study and Program Review for the IUPUI Informatics Unit was conducted in 2007-2008
- A position was created and a staff member promoted to coordinate all time limited special projects for the unit. This includes capstone events, the animation festival, the colloquia series, the website redesign, the meetings of the Media Arts and Science Advisory board, commencement and other major events.

Activities planned for 2008-2009:

- Recommendations from the Program Review are being folded back into the strategic planning process
- CAS assessment of academic advising will be conducted in the Fall of 2008
- CAS assessment of career services office will occur in Spring 2009

Evidence of Progress:

- A plan to respond to all the recommendations of the Program Review is being generated
- The position of project manager creates a new line of assistance and accountability for complex projects that require coordination

◆ **Provide effective human and physical resources to further the mission of the institution**

Campus Planning Theme: Best Practices

Sub Unit: Human Resources

Time Frame:

Actions taken for 2007-2008:

- Hired three additional tenure-track faculty, one in Human Computer Interaction, one in Health Informatics and one in Media Art and Sciences
- Hired two additional staff members for Student Services, two to support the distance education initiatives, one to support the School website, one to support server administration and one for administrative support

Activities planned for 2008-2009:

- Search and screen in process for a permanent executive associate dean
- Additional hiring planned includes a lecturer for undergraduate Informatics, an additional Health Information Administration faculty member, and a Health Informatics faculty leader

- Coordination of the activities of a new School-wide development officer

Evidence of Progress:

- All new hires in place
- Search and screen committee for EAD assembled

◆ Provide good stewardship of resources

Campus Planning Theme: Best Practices

Sub Unit: Technology Resources and Classroom Utilization

Time Frame:

Actions taken for 2007-2008:

As noted in the School's program review, technology support for faculty and students is one of the strengths of the School. Informatics must continue to provide state of the art computer hardware and software to fulfill its teaching and research missions

- For the second year in a row the School has invested in iMac computers to replace aging hardware in the computer classrooms. The iMac can be configured to dual boot both the Macintosh operating system and the Windows operating system. This gives the students and instructors the flexibility to use the applications that most closely match the environment students will find in the business and creative world.
- The School has installed a trouble ticket system to allow for better tracking of problems with hardware and software in the computer classrooms and faculty and staff offices.

Activities planned for 2008-2009:

- The School will continue to refine the hardware and software being offered in the computer classrooms in response to the curriculum updates being undertaken by faculty and administration of the School.
- The equipment checkout process will be revised to control the utilization, breakage and losses.
- The current classroom schedule will be reviewed and revised.

Evidence of Progress:

- Dual boot iMacs purchased and installed in computer labs.
- A trouble ticket system has been implemented, accessed directly from the home page of the Informatics web site. Both faculty and students can access the system.
- Priority scheduling for an additional room in the IT building (271) has been negotiated.

◆ Respond to and manage expectations of stakeholders

Campus Planning Theme: Best Practice

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- Support of Informatics Student Government (ISG); trip to visit companies in Chicago
- A series of monthly meetings (“Pizza with the Dean”) has been instituted to connect undergraduate and graduate students and administration.
- Faculty sponsorship of campus-wide gaming club promoted for students (tournaments; open to the community and used for recruitment)
- Reports prepared for the Dean’s Advisory Council, which represents an important link to the larger community

Activities planned for 2008-2009:

- A series of monthly breakfasts will be instituted to connect faculty and the executive associate dean.
- Continued mentoring of students leading the ISG
- Continuation of monthly meetings between students and the dean

Evidence of Progress:

- Minutes of the student meetings are taken and incorporated into the strategic planning process

Civic Engagement: The School of Informatics will serve the state of Indiana through community participation and collaborative research partnerships, thereby participating in the growth of an IT culture in the State and encouraging continued economic development. The School will have active and dynamic collaborations with business, education and industry to cultivate mutual opportunities for students.

♦ Enhance capacity for civic engagement

Campus Planning Theme: Civic Engagement

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

Career Services and internships

- Career Services created and hosted a campus-wide IT Virtual Fair – called the Computer Related Virtual Career Fair in October 2007
- Sponsored employer visits with RGA, Microsoft
- Provided support to the Office of International Affairs for a day conference on “Working in the US” and “Work Authorizations”

Other

- Continued work with IUPUI Solutions Center on various community projects

- Organization of a new advisory board for the Media Arts and Science Program

Activities planned for 2008-2009:

Career services and internships:

- Increase internships by 100%
- Define benefits and long-term impact of internship possibilities
- Create standards and guidelines
- Bring additional employers to the School
- Increase the effectiveness of the online recruiting system
- New techniques: virtual interview station, job search boot camp, speed networking
- Enhance the Career Services portion of the website
- Workshop for parents to assist in supporting student through job search
- Online career planning course

Other

- Continue close relationship with IUPUI Solution Center
- Continue to develop the infrastructure of the Media Arts and Science Advisory Board
- Partner with the existing HIA Advisory Board
- Revitalize the Health Informatics Advisory Board
- Membership on the Advancing Life Science IT in Indiana Committee

Evidence of Progress:

- All career events and internship events completed
- Media Advisory board members identified; initial meetings conducted

♦ [Enhance civic activities, partnerships, and patient and client services](#)

Campus Planning Theme: Civic Engagement

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

Many activities related to civic engagement undertaken by the School involve donating services to non-profit entities seeking technology support. The School-wide Dean's Advisory Council has a particular interest in entrepreneurship and is actively supporting faculty and students in projects that may have commercial value.

- Mark Hill, local entrepreneur and member of the School of Informatics Dean's Advisory Council, taught a dual-campus course on entrepreneurship in the spring of 2008.
- Dr. Karl MacDorman, along with 2008 HCI alumna Chris Newlon, designed a mega-collaboration tool for disaster relief to address the needs of grassroots aid organizations such as the Peace Learning Center
- Media Arts and Science students created a promotional DVD for national distribution to

- help the American Legion broaden its outreach.
- SOI hosted its first Adopt-A-Family through Christamore House in December, 2007

Activities planned for 2008-2009:

- Health research initiative with Crispus Attucks High School
- Consultation with the national office of the American Legion on social networking applications for disabled veterans
- An undergraduate videos will create persuasive video content for the Smoke Free Indiana Advisory
- A graduate MAS student will work with Cyber-Sight, a telemedicine ophthalmology program allowing developing countries to connect with expert mentors through the Internet

Evidence of Progress:

- Mark' Hill's class, which includes a number of speakers who are accomplished business people, is being videotaped for wider distribution

♦ Intensify commitment and accountability to Indianapolis, Central Indiana, and the state

Campus Planning Theme: Civic Engagement

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

The School-wide strategic plan identified the following priorities

- Continue to develop SOI presence in the Indiana community
- Continue to develop entrepreneurship: culture, courses, fostering start-ups
- Successfully launch corporate partners program (initially IUB)

Activities planned for 2008-2009:

- Further define what commitment and accountability mean in this arena and develop metrics to measure the School's progress

Evidence of Progress:

- Initial statement of commitment to address these issues
- Clear interest and support from the Dean's Advisory Council

Diversity: The School of Informatics will educate students, including those who might not traditionally consider an educational path in technology, especially women and minorities.

♦ Contribute to the climate for diversity in Indianapolis, Central Indiana, and the entire state

Campus Planning Theme: Diversity

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- One of the five subcommittees working on the School wide strategic plan was focused on diversity
- Two high level goals and four strategies came out of that strategic planning process:
 - Broad representation of and participation by women and underrepresented minority groups among our students, faculty and staff in our School.
 - Have the School be a national example of how the broad view of computing and IT embodied in the School can lead to more diverse participation by students and faculty.
- The committee developed four strategies for achieving these goals:
 1. Hire a School-wide diversity coordinator
 2. Led by the diversity committee and coordinator, establish a set of key actions
 3. Assure the reward structure of faculty and staff properly rewards contributions to the School's diversity program
 4. Work with the National Center for Women and IT for the School to be an "exemplar" on a School wide (Bloomington and Indianapolis) basis, but focusing both on women and underrepresented minorities. Use this affiliation to help assess our current state.

Activities planned for 2008-2009:

- A strategic plan for diversity will be developed for Informatics

Evidence of Progress:

- The School has added a system wide Assistant Dean for Diversity and Education as evidence of a serious interest in and commitment to issues around diversity
- The Assistant Dean will be committing one day every two weeks to activity on the IUPUI campus

◆ **Demonstrate diversity in research, scholarship, and creative activity**

Campus Planning Theme: Diversity

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- No specific actions noted

Activities planned for 2008-2009:

- Identify and define research possibilities; promote applications by undergraduate minority researchers

- Create scholarship opportunities for women and students of underserved populations

Evidence of Progress:

- The lack of activity has been noted and plans are being made to address this objective more directly

♦ Engage students, through the curriculum and co-curriculum, in learning about their own and other culture and belief systems

Campus Planning Theme: Diversity

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- The School is designed along two axes: the technological and the social. Assignments in social and organizational informatics include content that address diversity issues

Activities planned for 2008-2009:

- Focus in the corporate practice cultures on internationalization of the curriculum

Evidence of Progress:

- Initial meeting with personnel from Office of International Affairs about course design that would allow alternative formats to traditional exchange programs

♦ Engage the Informatics community in global issues and perspectives

Campus Planning Theme: Diversity

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- Preliminary discussion of the best candidate countries for partnership
- Experimental course taught with Sun Yat-Sen University. The course spanned 12 time zones, four countries and three continents.
- Two faculty members and continued work with Operation Walk - Mooresville in Nicaragua February, 2008

Activities planned for 2008-2009:

- Develop an International strategic plan

Evidence of Progress:

- Initial discussions with the Office of International Affairs
- Discussion of a 2+2 program with Sun Yat-Sen

◆ Recruit and enroll a diverse student body

Campus Planning Theme: Diversity

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- Recruitment activities at Society for the Advancement of Chicanos and Native Americans in Science) SACNAS
- Recruitment efforts with Mapping Education Toward Achievement (META) [Hispanic]
- Presence in the Shades of Brilliance
- Compiling research minority scholarships
- Identifying role models within student population
- Early college high school classes [+SPAN opportunities]

Activities planned for 2008-2009:

- Start a School chapter of the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)
- Sponsor Tales of Taste* internationally themed dinners with recipes from around the world
- Graduate recruitment at research and graduate fairs of diversity such as the National Society of Collegiate Scholars, the National Association of Medical Minority Educators, the McNair National Research Conference, the Society for the Advancement of Chicanos and Native Americans in Science, the Annual Biomedical Research Conference for Minority Students, the National Conference on Undergraduate Research and the American Medical Informatics Association

Evidence of Progress:

- All recruitment efforts implemented

◆ Recruit, development, and support of diverse faculty and staff

Campus Planning Theme:

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- The faculty and staff of IUPUI Informatics are already quite diverse in ethnic origins. Their origins include the Philippines, Italy, Belgium, Iran, Brazil, Algeria, Venezuela, Turkey, and several from India and China.
- The faculty and staff are also diverse in their academic "cultures," spanning the arts and

the sciences

- There is a notable absence of African-American faculty; the School does have African-American staff members, but the number is still not representative of the surrounding population in Indianapolis.

Activities planned for 2008-2009:

- Continue to work with the Office of Economic Opportunity in all search and screen committees to aggressively recruit African American faculty and staff members
- Work with new School-wide assistant dean for diversity who has extensive experience in recruiting women and underrepresented minorities

Evidence of Progress:

- Worked with Office of Economic Opportunity to review publications that might reach more African American candidates

◆ [Retain and graduate a diverse student body](#)

Campus Planning Theme:

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

The School's Student Services personnel are notably effective at intervening with students in ways that support their retention and graduation. This is done with a variety of tools, including

- Goal setting
- Supportive environment
- An emphasis on personal responsibility
- An advising companion and advising syllabus
- Interventions for students having difficulty, including time and stress management
- Diversity Scholars Research Program
- Multidisciplinary Undergraduate Research Institute
- Undergraduate Opportunity Research Program
- Recognition of student work
- Compiling research minority scholarships
- Identifying role models within the student population

Activities planned for 2008-2009:

- Continuation of initiatives listed above
- Starting a School chapter of SACNAS
- Sponsoring Tales of Taste – internationally themed dinners with recipes from around the world

Evidence of Progress:

- The unit's one year retention rate is 83%, one of the highest on campus
- The unit's six year graduation rate is 85%.

♦ Student, faculty, and staff perceptions of the campus climate for diversity

Campus Planning Theme:

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- Revitalization of School's diversity committee and committee of faculty and staff women in IT

Activities planned for 2008-2009:

- Mission and vision process initiated for the diversity committee with assistance from Human Resources

Evidence of Progress:

- Regular meetings scheduled for 2008-2009

Research and Scholarly Activity: The School of Informatics will have an active and robust interdisciplinary research program that builds upon existing strengths of the university and the State.

♦ Conduct world-class research, scholarship, and creative activity relevant to Indianapolis, the state, and beyond

Campus Planning Theme: Research and Scholarly Activity

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

Objectives for 2007-08 were:

1. To have at least 80% of the faculty apply for grants/contracts each year
2. To attain (at least) a 30-40% grant success (award) rate/year
3. To encourage faculty to apply for multiple grants each year
4. To promote collaborative grant opportunities
5. To focus on health/life science related opportunities and
6. To promote multidisciplinary research projects.

The rationale for these goals was based on several criteria. As part of improving research,

scholarship and creative activity in 2006-07, various data pertinent to these areas were collected and studied. Activities such as publications in peer reviewed venues and presenting research and creative activities at national and international forums were found to be good (quantitatively sufficient). However, the data showed that there was a lack of effort in applying for and securing both internal and external grants and contracts. Along the same line, there was a need to improve on multidisciplinary research and grants efforts as the School is well positioned to take advantage of these opportunities because of its multidisciplinary nature.

Activities planned for 2008-2009:

- Identify 2-3 major collaborative research initiatives: possible areas include Translational Health; Android Science; Health Communication; and Personalized Medicine.
- Develop undergraduate research opportunities program through IRI and UROP (Undergraduate Research Opportunities Program).
- Seek again to have at least 80% of the faculty submitting grant proposals for the year with at least a 30% success (award) rate
- Have 50% of graduate students funded by faculty research support.

Evidence of Progress:

- External grant applications have grown from 32 submissions in 2006-07 to 44 in 2007-08 and total research expenditure has grown to over \$1.2M. Scholarly publications have also steadily improved.
- Teams led by School of Informatics faculty received two Signature Center awards: the Android Science Center (Karl MacDorman) and Translational Bioinformatics Center (Jake Chen). Prof. Tony Faiola is a key contributor on the TASI Signature Center in the School of E&T.
- The research activities in the School are highly multidisciplinary and hence there are significant collaborations with the IUPUI and Indianapolis communities. Faculty members collaborate with the Schools of Medicine, Nursing, Engineering, Science (Computer & Information Science), the Regenstrief Institute, VA Health Center and the Center for Computational Biology and Bioinformatics, among others.

◆ [Enhance the infrastructure for research, scholarship, and creative activity](#)

Campus Planning Theme: Research and Scholarly Activity

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- Four Grant Chat sessions were held to make faculty aware of grants and contract opportunities, collaborative project opportunities, and to discuss campus priorities and internal funding opportunities.
- Research infrastructure, especially additional laboratory space, was created to support and expand research in the School.

Activities planned for 2008-2009:

- Establish an effective mentoring mechanism for faculty to submit successful grant

- proposals and grant pre-submission review process.
- Follow up on research support ideas generated by activity at the School retreat

Evidence of Progress:

- Grant chats continue
- Laboratory space in use

♦ Provide support to increase scholarly activity and external funding

Campus Planning Theme: Research and Scholarly Activity

Sub Unit:

Time Frame:

Actions taken for 2007-2008:

- Full administrative support for pre- and post award mechanisms were put in place.
- A research seminar series was started to connect faculty with outside leaders and to promote external collaborations.

Activities planned for 2008-2009:

- Provide faculty with incentives for securing external funding, such as decreased teaching load, give back certain percentage of F&A to faculty awardee, public recognition, and annual research awards.

Evidence of Progress:

- Administrative support has been identified and deployed
- Research seminars continue

Teaching and Learning: Lead the nation in the development of an innovative and successful new curriculum for information technology and its applications

♦ Enhance undergraduate student learning and success

Campus Planning Theme: Teaching and Learning

Sub Unit: Undergraduate Studies

Time Frame:

Actions taken for 2007-2008:

- Program Review of IUPUI portion of the School focused on undergraduate programs, including assessment, ways to engage students in curriculum planning, increasing enrollments, means of utilizing and sharing feedback from students, alumni and external constituencies.
- Overall School-wide strategic planning included a subcommittee on undergraduate programs
- Revision of the MAS undergraduate curriculum undertaken.
- Development of a new health information technology course to be offered in fall 2008.

Activities planned for 2008-2009:

- Continued development of the new MAS undergraduate curriculum, including new and revised foundation courses and additional areas of focus.
- Appointment of a Task Force for undergraduate informatics that will consider how to strengthen this degree, expand enrollments and better “tell our story”.
- Initiatives include assuming more courses that Kelley is no longer interested in teaching.
- Promotion of a minor in Business as a cognate of choice for informatics undergraduate students.
- Formation of a comprehensive clinic that would give students from our School and from other schools an opportunity to work with real-world clients. A pilot with an internal client is underway with the IUPUI Solution Center acting as a conduit.
- Development of an accounting course for health information to be offered in fall 2009.
- Implementation of the RISE initiative, including a dual-campus course with a partner institution overseas, culminating in a 10-14-day trip to that country.
- Development of a series of courses that would utilize SimCorps, hypothetical companies that students would consider throughout the curriculum.
- Explore more dual-campus courses with Bloomington utilizing technology.
- Seek collaboration with other schools for curriculum development, including Computer Science, Herron, Kelley and CIT.

Evidence of Progress:

- According to the IUPUI Spring Census for spring 2008, overall credit hours in the IU School of Informatics, IUPUI, increased 8.2% over spring 2007, while the IUPUI campus as a whole saw an increase in credit hours of 2.1%. Spring 2008 also brought an increase in undergraduate headcount of 62 over spring 2007.
- Enrollments continue to be strong in HIA (140 declared majors) and MAS programs.
- Student evaluation data of teaching shows that faculty members maintain a 3.23 average overall teaching score (on a scale of 0-4).
- Five undergraduate students were chosen as top 100 students; one undergraduate student was selected as the top male student for the IUPUI campus.
- Two faculty members were selected to receive Trustees Teaching Awards
- List of scholarships earned/awarded attached

◆ Provide effective professional and graduate programs

Campus Planning Theme: Teaching and Learning

Sub Unit: Graduate Studies

Time Frame:

Actions taken for 2007-2008:

The main strategies for 2007-08 were:

- (a) To organize an enrollment shaping in graduate programs initiative to look into all aspects for graduate education including Recruitment, Admission process, Retention, and Graduation
- (b) Develop Graduate certificate programs in Media Arts & Sciences and Human Computer

Interaction

(c) Establish a PhD in Human Computer Interaction

(d) Increase MS student enrollment in all graduate programs.

The graduate programs were not revised and the curriculum for Health, Bio, Media Arts & Science, HCI, all need serious revision. Over the past few years, there has been a decrease in graduate student enrollments. Therefore, it was necessary to look at the overall health of the graduate programs and the enrollment shaping initiative was the answer to address many of the issues.

A series of meetings addressed Recruitment, Admission, Retention, and Graduation issues.

- New recruitment materials for all graduate programs were created.
- The admission process was streamlined to accelerate the response time to applicants. This was important to attract good students to the program--delays in this process results in students opting to attend other institutions.
- Changes were made on the funding mechanisms for M.S. & Ph.D. students in order to admit more MS students using an incentive awards mechanism. Graduate programs were stronger and attractive.
- A comprehensive revision of the graduate curriculum in Media Arts and Science (MAS) program has been completed and will be implemented in the fall of 2008.
- An online Human Computer Interaction (HCI) Graduate Certificate Program went live in the spring of 2008

Activities planned for 2008-2009:

- To develop a new Graduate Certificate Program in Clinical Informatics.
- To target more paying international students, especially, MS students.
- To explore the possibility of developing Graduate and/or Graduate Certificate programs in HIA.
- To develop, implement, and market Graduate Certificate in Health Informatics.
- To revive and work closely with Health Informatics Board to market graduate programs.
- To increase interaction between faculty and graduate students.

Evidence of Progress:

- The number of PhD students in the School has doubled to 40. This is helping the overall research in the School significantly.
- The number of paying students in some of the MS programs has also somewhat increased due the incentive award mechanism.
- New marketing materials have been produced to advertise the graduate programs.

◆ [Recruit and support a well-prepared and diverse student population](#)

Campus Planning Theme: Teaching and Learning

Sub Unit: Student Services

Time Frame:

Actions taken for 2007-2008:

A wide variety of recruitment efforts occurred this year including:

- Conducting student tours of the labs; inviting high school tech clubs; hosting open houses for interested students and parents; presenting to area high schools with faculty; sending information to high school guidance counselors/technical directors and inviting them to special happenings; E-letters to post on the web; web chats; training admission recruiters; high school link articles
- Recruitment activities with Ivy Tech
- Targeting undecided UCOL students
- Recruitment activities with IUPUC

Activities planned for 2008-2009:

- All of the above plus
- Vincennes University: Articulation Agreement 2+2 for HIA and MAS
- Ivy Tech Community College and Vincennes University: Articulation Agreement 2+2 for NEWM
- Saturday School for high school students
- VisionFest 2010
- Recruitment Class: six area high school targeting underserved populations (low income to ethnicity), supported in part by the Lumina Foundation

Evidence of Progress:

- The unit realized a 10% increase in undergraduate credit hours over 2006-2007

◆ Support and enhance effective teaching

Campus Planning Theme: Teaching and Learning

Sub Unit: Distance Education and other teaching innovations

Time Frame:

Actions taken for 2007-2008:

The IUPUI distance education program at the School of Informatics increases the educational services to students taking classes in an online environment. The distance education program uses the latest technology in capturing, producing, and delivering lecture content to students while partnering with sound pedagogy to deliver a superlative online course to students at the school of Informatics.

- Hired a fulltime sound and video technician.
- Outfitted three rooms with recording equipment to capture both instructor and student feedback for an online environment; with the addition of these outfitted rooms, the distance program was able to expand to include MAS curriculum, specifically, the addition of the classes NEWM S-355, and NEWM M-190, as well as the capture of NEWM N-280 for delivery next semester.
- These courses, as well as the HIA, HCI, and Informatics courses are currently being

streamed from a new server housed at the School of Informatics.

- In HIA and undergraduate Informatics, templates were developed and implemented for online classes to create a uniform look and feel across multiple sections and classes.
- Additional content, like flash games, and digital study guides, were created to help facilitate online learning within a given discipline.
- Lastly, an online evaluation program has been developed to capture student satisfaction with the courses being offered online.

Other:

- In spring 2008, SOI offered its first 12-week course and its first Friday course. Other course formats include hybrid courses taught in synchronous and asynchronous modes, one-week intensives, Saturday portfolio classes, and learning communities.

Activities planned for 2008-2009:

- Resources will be implemented to add a virtual component to the online environment in targeted classes
- The distance program seeks to increase a greater sense of community and coloration in a distance environment and will pilot new software to accomplish this goal
- The program will continue to build upon its current infrastructure to accommodate proposed collaborations between both the Bloomington and Lafayette campuses
- Additionally, research will be conducted to determine the best process and practices for closed captioning lecture material.

Evidence of Progress:

- Fifteen Informatics courses and four Media Arts and Sciences courses are now offered online. The School's distance learning began in 2004 with one class and an enrollment of seven students. Total online enrollment for spring 2008 was 354 students. Most courses offered via distributed education leverage innovative software such as Adobe Acrobat Connect, the latest in streaming and webcast technologies, as well as a variety of capture and simulation methods designed to support innovative curriculum development
- Students now have the option to complete their course work (22 courses) for the Health Information Administration degree through a completely distributed environment
- The distance education multimedia team has successfully captured, edited, hosted and posted IUPUI's Distinguished Lecture Series. These lectures will be used by all H199 (Honors Seminar) students as a required part of their coursework.

Other Question and Answer(s):
