

2011-2012 Informatics/Media Arts and Science

Section

Document Name

Mission

The mission of the School is to excel and lead in education, research, and outreach, spanning and integrating the full breadth of computing and information technology, including the scientific and technical core, a broad range of applications, and human and societal issues and implications.

The School aims to lead the nation in creating a new, broad and interdisciplinary view of computing and information technology, and uses this viewpoint as the foundation of its main areas of emphasis:

Education and Research

Together with the School of Informatics and Computing on the Bloomington campus, the School offers a broad array of B.S., M.S., and Ph.D. programs in informatics and conducts research in a wide range of informatics foundations, applications and implications. This range includes:

- foundational areas including algorithms, data and search, networks and systems, and programming languages
- interdisciplinary applications including artificial intelligence, cognitive science and robotics, complex systems, cyber-infrastructure, digital media, health and life sciences, and security and privacy
- human and societal issues including human computer interaction and social informatics


Economic Development and Entrepreneurship


The School aims to provide talented graduates and professional expertise to a wide range of computing and information technology businesses and occupations, and places special emphasis on partnering with information technology businesses and needs in the state of Indiana. It also emphasizes and supports a culture of entrepreneurship in its students, faculty and alumni.

Diversity

The School aims to provide an environment that involves a diverse array of students, staff and faculty, including women and under-represented minorities, and people with a wide range of intellectual interests and talents. The broad view that the School takes of computing and information technology education and research provides a strong foundation for its diversity goals and being recognized as a national exemplar.

Goals and Objectives

 **Best Practices:** The School of Informatics will identify and implement best practices for the best possible oversight of school resources; similarly it will act to promote excellent relationships with stakeholders and secure and expand its reputation for excellence

 Communicate and manage reputation

Campus Planning Theme: Best Practices

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Revised and updated the School's website
- Established a student ambassadors unit to assist school in broadening participation in computing efforts, engaged

- in all orientation activities at the school and campus level
- Redesign the communications meeting, which had focused almost entirely on the School's website, into a Communication and Student Life meeting
- Through the Communication and Student Life meeting, multiple "touch points" defined for positive interaction between the School and its students, from the first inquiry through alumni status
- Continue monitoring of social network sites to gauge the School's reputation
- Student Services hosted a get-to-know-you breakfast for University College advisors with presentations from advisors, career services staff, academic program directors and current students
- Continue to switch over to editable text forms on all points on the School's website, with the goal of meeting student expectations for easy interaction with the School
- Work on establishing supportive relationships with the top 10 feeder high schools
- Continue focus on community building events

Evidence of Progress for 2011-2012:

- Student ambassadors have logged 600 contact hours engaging nearly 800 prospective students
- Created more than 50 news releases, with regular features on the IUPUI home page and frequent mentions in print and electronic media
- Communicated more effectively with students as a result of the new communications and student life meeting, bringing together communications, academic and career advisors, front desk, and student engagement staff
- Engaged student ambassadors to assist in communication with student body
- Continue to make a proactive response to any concerns arising in the social media
- Received positive feedback from University College advisors, presentation resulted in invitation from IUPUI Admissions to interact with high school guidance counselors later in the year
- Increased efficiency of student communication through advisement forms, allowing for systematic follow up at regular intervals
- Engaged students through hands on outreach activity to two area high schools
- Continued concentration on student community building through sponsoring student Regatta teams, a welcome back fall lawn party celebration, advising numerous recognized student organizations, and hosting post-colloquia graduate student/faculty social functions

Activities planned for 2012-2013:

- Institutionalize the student ambassadors program by creating one credit topics course focusing on leadership and service
- Expand the student 'touch point' system to a detailed communications plan
- Continue monitoring of social network sites to gauge the School's reputation
- Create web based video messages to cut down on repetitive tasks performed by the School's advising and career services teams (explanations of application process, internship procedures, etc.) with the goal of consistent messaging
- Focus interactions with a select group of high schools, providing interactive hands-on experiences in the high school setting
- Host Girls Inc. Day, providing hands on experiences for 100 plus girls ages 10-17.
- Continue focus on community building events

☑ Conduct effective planning and improvement processes

Campus Planning Theme: Best Practices

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- HI planning:
 - A meeting between IUPUI Informatics and CSCI researchers, IUB Informatics and Computing researchers and researchers at Regenstrief and the School of Medicine to increase research collaboration
 - Planning for Student Services:
 - An additional academic advisor hired
 - Electronic degree audits for undergraduate programs completed
 - Increased synergies between IUB Career Services and IUPUI Career Services
 - MAS initiated partnership with GenCon Indy, the original, longest running, best attended gaming convention in the world
 - Budget officers from both the IUPUI and IUB campus created new, parallel measures of efficiency and effectiveness
 - Faculty council bylaws streamlined the meeting process creating a more meaningful faculty governance system
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Evidence of Progress for 2011-2012:

- Planning for HI resulted in:
 - More collaboration particularly between the HI program and the Regenstrief Institute
 - Co-sponsorship of colloquia
 - Planning for Student Services:
 - Renewed energy to work with IUPUI Admissions, University College and to participate on recruitment and retention councils
 - Increased efficiency in preparing undergraduate students for graduation
 - Job placement and salary data collected with ongoing plans to utilize in recruitment activities
 - GenCon Indy
 - Developed three new courses that will focus on the design and development of two games to be presented at GenCon Indy 2013. Courses open to undergraduate and graduate students
 - Began construction of a new computer lab that will provide students and faculty with new innovative mobile and smart-phone technology
 - Mobile technology is supported by new courses in the MAS curriculum
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Activities planned for 2012-2013:

- Undergraduate Enrollment Initiative
 - Faculty and staff to meet collectively to brainstorm efforts to double undergraduate enrollment in a three year period
 - Working groups to be established to create plans for various focus areas
 - Create new marketing delivery methods appropriate to focus areas
- Plan marketing for incorporation of SLIS into a new departmental structure
 - Bio-Health Informatics will include undergraduate HIA program and graduate Bio and HI programs

- o Human Centered Computing will include the INFO and MAS undergraduate and MAS and HCI graduate programs
- o SLIS will become its own program

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

Campus Planning Theme: Best Practices

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Conducted a search for an open rank senior faculty member in any relevant discipline
 - Conducted a search for two tenure track faculty members in Bioinformatics
 - Conducted a search for a tenure track faculty member in Media Arts & Science
 - Conducted a search for a tenure track faculty member in Health Informatics
 - Conducted a search for a lecturer in Health Information Administration
 - Conducted a search for a program director in Health Information Administration
 - Conducted a search for a lecturer in Media Arts & Science
 - Conducted a search for a lecturer in Human-Computer Interaction
 - Conducted staff searches for an advisor, a communications manager and a student services assistant
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Evidence of Progress for 2011-2012:

- The search for an open rank senior faculty member in any relevant discipline was unsuccessful and was tabled due to the 7/1/13 merger with the School of Library and Information Science
 - Two tenure track faculty members were appointed in Bioinformatics
 - The search for a tenure track faculty member in Media Arts & Science was unsuccessful
 - The search for a tenure track faculty member in Health Informatics was unsuccessful
 - A lecturer was appointed in Health Information Administration
 - A program director was appointed in Health Information Administration
 - A lecturer was appointed in Media Arts & Science
 - A visiting lecturer was appointed in Human-Computer Interaction
 - A visiting associate professor was appointed in Health Informatics
 - Staff appointments were made for an advisor, a communications manager and a student services assistant
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Activities planned for 2012-2013:

- A search will be conducted for two tenure track faculty members in the new Department of Human Centered Computing (as of 7/1/13) for Fall 2013 appointment
- A search will be conducted for a department chair for the new department of BioHealth Informatics (as of 7/1/13) for Fall 2013 appointment
- A search will be conducted for a lecturer in Health Information Administration
- A search will be conducted for three lecturers in Media Arts & Science

- Searches will be conducted for a recorder, a communications manager and an administrative staff member to support the EAD
- Work will continue on the fundraising goal of an endowed chair at IUPUI

☒ Provide good stewardship of resources

Campus Planning Theme: Best Practices

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Administration
 - Funding model for graduate students in place
 - Development
 - Identified, recruited, and engaged a preliminary group of 10 volunteer leaders to help craft the School's case for support, confirm the School's overall development strategy, review a list of volunteer candidates, and suggest financial prospects (potential donors)
 - Crafted an extensive and detailed operational plan for the School's development efforts through June 2013, aligning with IUPUI's IMPACT timetable
 - Conducted extensive prospect research and identified well over \$2,000,000 in financial requests to submit in the coming months
 - Recruited an initial group of volunteers to help with implementation of the development operational plan
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Evidence of Progress for 2011-2012:

- Administration
 - Continue to maintain computer labs equipped with high-end programs students cannot usually afford
 - Continued to offer incoming full-time graduate students scholarships and work experience for up to 300 working-hours per week during the 2011-2012 academic year
 - Reduction in force and other salary savings netted approximately \$190,000. Staff positions were not replaced; savings were redirected toward faculty hires.
 - The School's development director formed an all-volunteer Capital Campaign Cabinet which has had notable early success in fund raising
 - Development
 - Secured four of the largest gifts in the history of IUPUI Informatics
 - Recruited 15 volunteers to assist with development activities, including prospect identification, cultivation, solicitation, and stewardship
 - Surpassed all three out of three interim financial benchmark goals for funds raised and secured approximately \$300,000 in new gifts and pledges
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Activities planned for 2012-2013:

- Administration:

The School will concentrate on expanding undergraduate enrollment, with a goal of doubling undergraduate enrollment in

three years, by

- Targeting specific areas, including adult learners, international students, university college students
- Collaborating with the School of Nursing, recruiting unsuccessful nursing applicants to the informatics undergraduate program, preparing them for the accelerated Nursing BS program
- Continuing to nurture relationships with the IUPUI Offices of Admissions and Enrollment Services
- Improving the introductory courses o Adding extra sections with adjuncts as needed
- Working on positive environment for women and minorities
- Creating an “Exploring the Major” course o Expanding articulations with Ivy Tech
- Adding additional recruitment videos
- Continuing to improve the introductory courses
- Exploring ways to incorporate “Exploring the Major” course into the campus Summer Bridge program
- Adding extra sections with adjuncts as needed
- Working on positive environment for women and minorities o Expanding articulations
- Adding additional recruitment videos

• Development

- Schedule personal request visits with approximately 50 - 75 financial prospects, including individuals, corporations, and foundations
- Secure an additional \$300,000 to \$500,000 in new gifts and pledges
- Expand the School's network of development and alumni relations volunteer leaders by 20 or more

☑ Respond to and manage expectations of stakeholders

Campus Planning Theme: Best Practices

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Continue relationships with three external advisory councils: the Dean’s Advisory Council; the Media Arts and Science Advisory Board and The Health Information Administration Advisory Board
 - Increase analytic study of the web site to further understand its use
 - Finalize/flowchart and implement formal customer service protocols to govern all prospective enrollment contacts and current students with the School
 - Began preparation for new influx of students from Sun-Yat Sen 2+2; these students will be new stakeholders with their own particular needs and points of view who will add to the culture of the school
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Evidence of Progress for 2011-2012:

- Provided updates and ongoing interactions with the three advisory boards
 - o The Dean’s Advisory Council, which meets twice yearly, received an update on IUPUI contributions; a “dashboard” of key indicators is presented to this group twice yearly
 - o The Media Arts and Science Advisory Board met three times
 - o The Health Information Administration Advisory Board meets yearly
- Utilizing the website to greater advantage by emphasizing stories and announcements in line with noted activity on

the web particularly as it applies to enrollment and registration

- Better serving student needs through internal customer service protocols and expanded student life meetings

Activities planned for 2012-2013:

- Continue relationships with the three advisory boards
- Continue analytic study of the web site and other social media outlets
- Explore the use of software to track student interaction with school services including special events, advising and career services

▣ **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

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Undergraduate research:
 - Two faculty members (one HCI and one MAS) have conducted REUs for their NSF grants
- International
 - EAD traveled to Sun Yat-Sen in fall 2011 to begin student recruitment for the 2+2 program
 - The School created a Chinese translation of several key web pages
 - The School consulted with Informatics students who are Chinese and are already on campus on ways to welcome the new students
 - Associate Dean for Graduate Studies and Research traveled to India in February, visiting 12 schools and 1500 in a new undergraduate recruitment effort
 - The Computing for a Cause class will continue (now renamed Informatics for Social Change)
 - Work
 - The School consulted with Informatics students who are Chinese and are already on campus on ways to welcome the new students
 - to formalize the IUPUI-UAEH strategic partnership, including facilitating a number of opportunities for collaboration, including a planning for a joint distance education course in legal informatics which will be taught at both IUPUI and the Universidad Autonoma del Estado de Hidalgo (UAEH) in Fall of 2011
 - A new international course, New Media Without Borders, will be offered in Summer 2012
- Service Learning
 - N250 Team Building and Technology, which will become SL course in Spring 2012.
 - Continued development of Informatics for Social Change
 - The Paros, Greece course, which service learning course as well as an international course, will become more deeply engaged in the preservation of culture on the island
 - Students in learning communities participate in the IUPUI Day of Caring
- Experiential
 - New Career Services goal of engaging 4-5 students who have had internships to network with other students on the importance of internships

- o Continue to promote experiential learning through mock interviews, company visits, job shadowing, workshops, directed career study, and internships

Evidence of Progress for 2011-2012:

- Undergraduate Research:
 - o Two faculty members applied for and received an NSF REU supplement for existing NSF grant
 - o Increased numbers of undergraduate students participating in Research Day
- International:
 - o Began implementation of the Sun Yat-Sen 2+2 articulation program in MAS
 - o Two schools in India have committed one full time staff member as our liaison for future recruiting purposes. These schools will be our direct contact for recruiting in the future. OIA will follow up with these schools.
 - o Website visits from India increased by 28% following the India recruitment trip
 - o Offered the international course to Paros, Greece a third time in Summer 2012
- Service Learning
 - o Informatics for Social Change (formerly Computing for a Cause) continues as a permanent part of the curriculum
 - o N102 Digital Imaging (originally designated a SL course, but that designation was retracted. It has been replaced with N250 Team Building and Technology
- Experiential
 - o Community and St. Vincent hospitals hired 50 and 20 students respectively as super users and trainers for the electronic health record, EPIC
 - o Student interns and credit hour generation from credit internship courses from internships done within the business community by semester:

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Fall 2011	21 interns	72 credit hours
Spring 2012	19 interns	63 credit hours
Summer 2012	26 interns	90 credit hours

Total: 66 interns and 225 credit hours generated.

- Co-sponsored largest IUPUI Career Connection to date with 82 employers
 - Began targeted on-campus recruiting directly at the School with employers focused on Informatics majors
 - Continued to increased Career Services support for graduate students
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Activities planned for 2012-2013:

- Undergraduate research:
 - o Continued encouragement for faculty to apply for NSF supplements for REUs
 - o More proactive approach to promoting other REUs and additional research opportunities on campus to our undergraduate students
 - o Two faculty members as mentors in the MURI projects funded for AY 2012-2013

- International
 - EA Follow up trip planned to Sun Yat-Sen in fall of 2012 to continue student recruitment for the 2+2 program
 - Follow up trip to India for undergraduate recruitment in October 2012 with OIA to revisit five schools. One junior college system will organize half-day information sessions with their academic advisors from 10 different schools in February, 2013.
 - The Paros course will continue as will the Computing for a Cause class (now renamed Informatics for Social Change)
 - Representative from IUPUI will visit UAEH in fall 2012 to encourage finalization of the strategic partnership and will also contact faculty about a joint course in legal informatics
 - New Media Without Borders, will be offered in Summer 2013
- Service Learning
 - Continued development of Informatics for Social Change
 - The Paros, Greece course, which service learning course as well as an international course, will become more deeply engaged in the preservation of culture on the island
- Experiential
 - New Career Services goal of engaging 4-5 students who have had internships to network with other students on the importance of internships
 - Continue to promote experiential learning through mock interviews, company visits, job shadowing, workshops, directed career study, and internships

☒ Enhance civic activities, partnerships, and patient and client services

Campus Planning Theme: Civic Engagement

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Informatics faculty members continued to engage in a significant number of civic activities and community partnerships, many of them with funding. Some are projects undertaken by the School and involve donating services to non-profit entities seeking technology support through classroom projects
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Evidence of Progress for 2011-2012:

- HCI faculty member led the first edition of Pre-college Experience of Research Lab (PERL) initiative, which engaged a class of six low-vision and blind students and their teachers from the Indiana School for the Blind in a one-day visit to participate in the human-computer interactive (HCI) research
- HI faculty member organized the Health Information Management Systems Society (HIMSS) meeting in Indianapolis in November
- MAS production classes serve the Indianapolis and the state through pro-bono practice inside the classroom. In 2011-2012, projects were produced for:
 - Walther Cancer Foundation
- School on Wheels Digital Library Project
 - AMIA Health Information Building Blocks (HIBBs) Project
 - Indiana State Museum
 - Orbis International Pediatric Ophthalmology
- MAS faculty created "Universe of Questions" and "Seeing in 3D" for the AVL Teragrid Educational Outreach Program. "Universe of Questions" won "Best of Short Film" at the 3D Film Festival

- The IUPUI's Gamers' Guild held a gaming tournament to benefit Riley Kids

Activities planned for 2012-2013:

- Host the Hoosier Healthcare Innovation Challenge
- Continue pro-bono class projects and community consultations

- ☑ Intensify commitment and accountability to Indianapolis, Central Indiana, and the state

Campus Planning Theme: Civic Engagement

Secondary Goals:

Sub Unit:

Time Frame:


Actions taken for 2011-2012:


- MAS faculty members collaborated with a number of organizations to create projects for community organizations including videos for the Spirit and Place Festival, The Polis Center, the Indiana Historical Society, the Indiana State Museum, the Indiana State Department of Health and the IU Schools of Medicine and Nursing.
 - MAS faculty member developed charting and graphing modules for Hoosier Riverwatch Web site as well as application and database support for the in-the-field science explorations with middle school students, Down By the Water
 - The School of Informatics at IUPUI and the Center for Information and Communications Sciences at Ball State partner with the Indiana Usability Professionals Association in presenting World Usability Day. The event gives students, faculty and regional professionals the opportunity to submit posters and to interact with invited guest speakers.
 - Provided student placements through the Health Information Administration program for multiple health care entities in central Indiana and around the state
 - Continue to offer the entrepreneurship classes including, Legal and Business Issues in Informatics
 - Placed 17 Health Information Administration students and five Coding Certificate students in 3 Indiana-based health care professional practicum placements during the 2011-2012 year
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Evidence of Progress for 2011-2012:

Activities planned for 2012-2013:

- Continue to identify spaces for collaboration
- Collaboration with Heartland Film Festival
- Continue Health Information Administration clinical placements
- Continue the Career Services goal of hosting 4-5 Indiana companies on campus for recruitment of promising students

 **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: Campus Climate for Diversity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:


- There are system-wide efforts to make the School a national exemplar for diversity
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Evidence of Progress for 2011-2012:

- Continued success of Women in Technology WIT at IUPUI (WIT is open to women from any discipline interested in information technology)
 - 2nd annual Women in Technology Networking Event held on campus in April featuring keynote speaker Mary Czerwinski of Microsoft, adjudicated student poster session, round table discussions and career fair
 - WIT members host tables and make connections to winners of the Aspiration in Computing Awards for high school girls in January
 - Informatics sophomore student secures summer internship at Kronos as a result of the WIT Networking event
 - Student ambassadors from STARS and WIT make presentations to local high schools
 - Three staff members completed SafeSpace training, a program designed to help members of the IUPUI community create safe and welcoming environments for students, faculty, staff and guests of the campus that identify as lesbian, gay, bisexual, transgender, questioning, intersex, androgynous or ally
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Activities planned for 2012-2013:

- Continue building profile of the School as an exemplar for diversity
- Share a collegiate sponsorship to Women & Hi Tech with the School of Engineering and Technology, making 100 memberships available to faculty, staff and students
- Continue work with WIT and STARS students

 Demonstrate diversity in research, scholarship, and creative activity

Campus Planning Theme: Campus Climate for Diversity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- MAS faculty member continues a second year in the STARS Alliance (Students & Technology in Academia, Research & Service). STARS activities are designed to broaden participation in computing through recruiting, bridging and retention

- IAS faculty member participating on the selection committee for the Aspirations in Computing Awards, encouraging high school girls to pursue degrees in technology
- International recruitment efforts have begun to increase international undergraduate enrollments
- HI faculty member participating in the Southern Regional Education Board Scholars at IUPUI, mentoring two African-American Ph.D. students, one in HI the other in HCI
- HI faculty member participating in Compact for Faculty Diversity

Evidence of Progress for 2011-2012:

- Student membership in STARS has grown to twelve students with added STARS support for two additional students
- Ten STARS students traveled to Virginia to participate in the STARS Celebration, an annual leadership conference
- Four students were sponsored by the School to attend the Grace Hopper Celebration of Women in Computing
- Two staff members and 17 students attended the Indiana Women in Computing conference, a regional National Center for Women and Information Technology (NCWIT) event
- The School has expanded its budget to support travel scholarships for students to attend conferences supporting broadening participation in computing

Activities planned for 2012-2013:

- Plans for STARS activity include 2012 include:
 - Staffing all IUPUI sponsored recruitment events on campus and in the IT building
 - Continued relationship with Providence Cristo Rey High School including a tour of the IT building and Informatics classrooms, a hands-on activity and a campus tour
 - Develop a mentoring program with Providence Cristo Rey
 - Host an open house for area high school students
 - Establishing relationships with high school robotics clubs and science Olympiad participants in order to target participating students for recruitment
- Plans for WIT include:
 - Continuing to build its membership and making connections across campus
 - Continue to offer the Women in Technology networking event on an annual basis.
 - Begin offering a regular speakers program
 - Continue with presentations to new Informatics graduate students at orientation
- Continue encouraging participation in UROP and AGEP
- Continue funding students through following the campus initiatives whenever possible:
 - Diversity Scholars Research Program (DSRP)
 - Louis Stokes Alliances for Minority Participation (LSAMP)
 - Ronald E. McNair Post baccalaureate Achievement Program (McNair)
- Continue funding students through the Aspirations in Computing awards program whenever possible

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

Campus Planning Theme: Campus Climate for Diversity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Continued service learning opportunities help students design technology solutions for disadvantaged groups; the curriculum will help students explore cultural and societal belief systems about each of these groups
 - Continued required HCI course and HCI undergraduate certificate, making more course material on human centered computing and cross cultural communication available at the undergraduate level.
 - Learning Community courses dedicate sessions to diversity issues
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Evidence of Progress for 2011-2012:

- Continuation of service learning course; course increased in enrollment the third time offered and included an unusually high proportion of female students
 - Learning community courses continued with diversity content
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Activities planned for 2012-2013:

- Study the feasibility of tuition forgiveness for African American and Hispanic students who, in turn, participate in an organized effort to create a more inclusive culture in the school

☑ Engage the Informatics community in global issues and perspectives

Campus Planning Theme: Campus Climate for Diversity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Continued identification of international priorities through the RISE committee
 - Continue deepening relationships with partners in China, Greece, India and Mexico
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Evidence of Progress for 2011-2012:

- The School continues to deepen its relationships in China, Mexico, Greece, India and Kenya
 - Concluded 2+2 arrangement with Sun Yat Sen School of Communication and Design in Guangzhou, China; articulation discussions continue for other programs
 - The School's first international study abroad class in Paros, Greece provided blogs, video and photographs of their experiences
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Activities planned for 2012-2013:

- Continue deepening relationships with partners in China, Greece, India and Mexico

☑ Recruit and enrollment of a diverse student body

Campus Planning Theme: Campus Climate for Diversity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Statistics on Gender

STATISTICS ON GENDER

Gender	Undergraduate	Graduate
Total Male	60%	51%
Total Female	40%	49%

Students by Ethnicity

	Undergraduate	Graduate
Asian	4.5%	20.9%
African American	16.2%	9.8%
Hispanic	3.2%	1.4%
American Indian	.1%	0
Non-Resident Alien	4.3%	3.1%
White	71.3%	55%
Refused	.2%	4.9%
Other	.2%	4.9%

- Fundraising activities directed toward need-based and RISE scholarships
 - Continued “Aspirations in Computing” scholarship, established in concert with the National Center for Women in Computing (NCWIT) Aspirations in Computing program, for high school women interested in the technology
 - Undergraduate recruitment activity/presence in:
 - Minority Engineers Program of Indianapolis (MEPI)
 - Mapping Education Toward Achievement (META) (for African American students)
 - Local area high school career days
 - Shades of Brilliance program for high school students
 - Norman Brown Diversity Scholars and Leadership Program Scholars
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Evidence of Progress for 2011-2012:

- Continue to offer the Aspirations in Computing scholarship
 - Continued second year of funding for Multicultural Scholars program
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Activities planned for 2012-2013:

- Participation in revived diversity recruitment council at IUPUI
- The Assistant Dean for Diversity and Education is working with the acting EAD, Development Director, and MAS faculty member targeting grant / corporate support to engage underrepresented students in local high schools
- Continue introductory survey; connect beginning female students to support from WIT group
- Continue to provide scholarships for the Grace Hopper Conference
- Continue funding for Multicultural Scholars program
- Continue the Aspirations in Computing scholarship
- Offer scholarships to the Tapia Diversity in Computing Conference
- Addition of new scholarship for underrepresented minority students
- Begin more purposeful approach to retention and diversity issues through the Key Practices for Retaining Undergraduates in Computing identified by the National Center for Women in Computing
 - Retention through Pedagogy – Collaborative Learning Interventions
 - Peer-led team learning
 - Use of student discussion or problem-solving groups in class
 - Pair programming
 - Affinity research groups
 - “Conversational” classrooms
 - Meaningful and Relevant Assignments
 - Assignments that explicitly link content to eventual use in different work environments
 - Routinely discussing the options, advantages and rewards of computing careers
 - Retention Through Curricular Reform
 - Connecting the curriculum to students’ wish to make a difference in the world
 - Ensuring that courses are sequenced in ways that students can clearly understand
 - Retention Through Student and Student-Faculty Interaction
 - Peer or tier mentoring programs
 - Faculty-student or industry-student mentoring
 - Participation in the Grace Hopper Celebration of Women in Computing conference and regional conferences (INWic)
 - Constant Improvement Plan: Evaluation and Tracking
 - Student Experience of the Major Survey

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

Campus Planning Theme: Campus Climate for Diversity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- All searches were conducted with special attention to the lack of representation of women and African Americans in the computing fields; There is a notable absence of African-American faculty and staff
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Evidence of Progress for 2011-2012:

There is a notable absence of African-American faculty and staff

- Two female staff members were added

Activities planned for 2012-2013:

- Continue aggressive attention to diversity in all searches per OEO guidelines

☑ Retain and graduate a diverse student body

Campus Planning Theme: Campus Climate for Diversity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Scholarship support
 - One scholarship provided for under-represented students
 - Funding provided for one Multicultural Scholar for each of the next three years
 - Funding provided for three women to attend Grace Hopper Celebration of Women in Computing
 - Funded 17 students attending the Indiana Celebration of Women in Computing in Spencer, Indiana (February 2012)
- Frequent contact and coaching plans for under-represented students
- Provides internship and practicum opportunities through career services
- Implement the campus' new FLAG system
- The League of Excellence will be discontinued in favor of focusing retention efforts on a students in the freshman-sophomore range, rather than the junior-senior range
- Begin selecting sophomore students to participate in the Emerging Leaders program; this program connects entrepreneurial students to the Dean's Advisory Council

Statistics on Retention

	05-06	06-07	07-08	08-09	09-10	10-11	11-12
Freshman/Sophomore	80%	80%	73%	82%	81%	78%	78%
Junior/Senior	82%	85%	82%	88%	87%	89%	88%
All INFO Undergrads	82%	83%	79%	86%	85%	86%	85%
All IUPUI Undergrads	74%	75%	76%	80%	81%	80%	80%

Evidence of Progress for 2011-2012:

- All funding for women in computing conference opportunities will be continued
 - Continued scholarships for under-represented minorities
 - Continued acting on findings of the early warning system, which triggers an intervention for at-risk students by advisors; a plan of action is put into place that includes faculty, advisor and student
 - Continued engagement of students in internship and practicum opportunities
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Activities planned for 2012-2013:

- Continue to work with the campus' FLAG system
- Continue frequent contact and coaching plans for under-represented students
- Continue to provide internship and practicum opportunities through career services
- Continue with scholarship for under-represented minorities
- Additional scholarship available for under-represented minorities
- Continue to support opportunities for entrepreneurial students
- Offer travel scholarships for minority students

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

Campus Planning Theme: Campus Climate for Diversity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Diversity page posted
-

Evidence of Progress for 2011-2012:

- Enhanced diversity page by elaboration of the RISE initiative
-

Activities planned for 2012-2013:

- Actively encourage students to discuss issues related to diversity

▣ **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, Scholarship and Creative Activity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Efforts to increase the number of research collaborations outside the School
 - Efforts to increase the number of successful proposals
-

Evidence of Progress for 2011-2012:

- External contract and grant expenditures for the School of Informatics totaled \$954,354 as of June 30, 2012—awarded contracts and grants totaled \$1,101,562. Proposal dollars totaled \$4,909,754. Faculty of the School of Informatics at IUPUI submitted 32 external contract and grant proposal submissions for the 2012 academic year and were included as collaborators on an additional 26 external submissions by other units.
- Joe Defazio was awarded two grants totaling \$80,000 as part of a single, two phase project in collaboration with Dr. Stephen Viewhig and Family Voices of Indiana. The project team is creating training modules as part of an effort to expand FVI's online resource portal.
- Davide Bolchini's NSF funded project, "Navigating the Aural Web" was awarded \$137,789 in a second year of funding and a second \$16,000 supplement to fund a Research Experience for Undergraduate participation in the project. The project team is investigating and evaluating innovative design patterns for aural web navigation.
- Steve Mannheimer and collaborators Mathew Palakal and Davide Bolchini were awarded \$249,999 from the NSF for a two-year project, "Audemes, Metaphors and Aural Games—A Pathways Project to Make STEM Engaging for the Blind and Visually Impaired." As the name suggests, this project seeks to more fully engage blind and visually impaired children in games centered around the STEM disciplines.
- Mathew Palakal was awarded \$23,600 from the NSF to co-host a "US-India Workshop on Biocomputing" in conjunction with—and on location at—the National Institute of Technology in Calicut, India. The workshop brought together leading researchers in Biotechnology, Bioinformatics and Computer Science and provided a forum in which to share ideas and initiate collaborations.
- Yaoqi Zhou's grant, "Statistical Energy Functions: a Fragment-based Approach," was renewed by the National Institute of General Medical Sciences for \$272,270 in its fourth project year. The aim of this work is to use a fragment-based statistical approach to elicit the energy functions governing protein interaction forces. His joint R01 with UC Davis, "Toward experimental quality protein structures: a synergistic approach," was also renewed by the NIGMS for \$81,248 in its fourth project year. In this project, Dr. Zhou's group is collaborating with Dr. Yong Duan's team to integrate new energy functions with sampling techniques they've developed.
- For his third year of work with the MITRE Corporation, Mark Pfaff was awarded \$58,162 for research and a \$2,994 travel supplement on the collaborative project, "Data Mining the Decision Space for Planning and Analysis." The group's aim is to develop and experiment with ways to visualize the effects of alternative decisions for the benefit of human decision-makers and perform human-in-the-loop testing as a basis for determining the efficacy of these visualizations.
- Jake Chen received an additional \$20,000 from the Alivio Medical Center for his continuing work with them on "Diabetic Genomic Health: SNP Analysis in Latino Patients with Diabetes Mellitus Type II." The collaborating teams are working to develop a genotype screening chip.
- Skip Comer and Chris Newlon are collaborating with SLIS' Kathy Schilling on "WECare Web-Enabled Support for Cancer Caregivers"—a \$130,000 award from CancerCare, Inc. The team is building an interactive, web-based cancer caregiver support intervention that will enable caregivers nationwide to manage their own emotional and wellness needs while caring for a cancer patient.
- Josette Jones presented two papers at the HCII 2011 conference
- Josette Jones was invited to speak at the Annual Health Law Review Symposium in Indianapolis, the Midwest Scholarship of Teaching and Learning Conference in South Bend, and the Indiana Health Information Association in Plainfield.
- Josette Jones contributed a chapter on nursing and health care informatics to a book and published four articles on topics ranging from health informatics, web mining, and usability testing.
- Organized 2nd Midwestern Health Games Conference, supported by the Games for Health Project and the IUPUI Conference Fund. There were 94 attendees, two invited speakers, two panels and six papers were presented.
- Davide Bolchini received the IUPUI Prestigious External Award Recognition (PEAR) in honor of being elevated to Senior Member of the Institute of Electrical and Electronics Engineers (IEEE).
- Mark Pfaff was elected Secretary/Treasurer of the Cognitive Engineering and Decision Making (CEDM) technical group of the Human Factors and Ergonomics Society (HFES).
- C. Thomas Lewis received the Artist Residency Award at Osage Arts Community.
- Josette Jones, board member of HCI International

- JT Finnell and Josette Jones, members AMIA Academic Forum, charged with increasing and improving HI curriculum
 - Josette Jones CAHIIM Accreditation Reviewer for HI programs
-

Activities planned for 2012-2013:

- Pursue collaborative opportunities with CTSI
- Explore joint grant opportunities with Regenstrief Institute
- Explore more joint grant opportunities with the School of Medicine and the School of Nursing
- Pursue joint research with other Life and Health Sciences units on Campus
- Encourage additional proposal submissions to the NSF—in light of recent successes and NSF's planned investment in a 'Smart Health and Wellbeing' research initiative
- Further encourage undergraduate research—both funded (as supplements to existing sponsored projects) and unfunded.
- Continue to encourage and provide greater peer review support prior to proposal submission

☒ Enhance the infrastructure for research, scholarship, and creative activity

Campus Planning Theme: Research, Scholarship and Creative Activity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Create incentives for faculty to secure external funding
 - Provide a pre-review mentoring process
 - Increase research-based funding of graduate students
 - Research infrastructure, especially additional laboratory space, was created to support and expand research in the School
 - A target of 30% grant success rate was set
-

Evidence of Progress for 2011-2012:

- An effective pre-review process mentoring mechanism for faculty submitting grant proposals was established—at least two faculties took advantage of this process in 2010-2011
 - The school continues to work on forging collaborations with IUSM, the VA and the Regenstrief Institute—and gaining access to health-related data from those partners for research purposes. 2012 saw very positive developments in this area.
 - The target of 30% grant award success rate was met in 2011-2012
-

Activities planned for 2012-2013:

- Examining additional faculty financial incentives in relation to external funding
- Investigating opportunities for additional collaboration and integration as the Schools of Informatics and Library &

Information Science merge

- Establish a Center that will focus on Translational Health by collaborating with IUSOM, Regenstrief, and other units at IUPUI
- Target DoD opportunities for external funding
- An updated research brochure

☒ Provide support to increase scholarly activity and external funding

Campus Planning Theme: Research, Scholarship and Creative Activity

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Full financial and administrative support for pre- and post-award mechanisms was put in place; additional quarterly reporting began in an effort to keep faculty better informed regarding proposal submissions, grant awards and collaborations occurring within the school.
 - Faculty were encouraged to take advantage of the numerous research-related development opportunities presented both at the campus and school levels: one faculty participated in a NSF CAREER proposal writing circle which resulted in his submission to that program; another attended a seminar on writing proposals specifically geared to the NIH.
-

Evidence of Progress for 2011-2012:

- Continued to provide incentives to faculty for securing external funding—in the form of 10% of F/A deposited to their individual research accounts
 - Research colloquia continue occurring regularly (12 guest speakers this year); attendance is required for all graduate students receiving financial support from school
-

Activities planned for 2012-2013:

- Identify 2-3 major collaborative research initiatives in such areas as Health Communication, Translational Health or Sustainable Energy research
- Continue strengthening research collaborations with the IUSM, VA and Regenstrief—and continue exploring international funding opportunities.
- Leverage recent successes in health communication/visualization grant funding to secure additional external funding and potential center status.
- Actively pursue NSF STEM funding opportunities through MARLA and other projects

▶ **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

Actions taken for 2011-2012:

- The development of the second 2+2 program with the School of Information Management at Sun Yat-Sen University and undergraduate Informatics is under way
 - Participation in the New Academic Directions C4 committee, which has been chartered to clarify distinctions in offerings among CS, CIT and Informatics
 - Continued pair Problem-Solving, a technique shown to increase the retention of women in STEM disciplines, was implemented in a foundational mathematics course
 - Continued to encourage students to utilize the MARLA laboratory in developing game projects
 - Five-year BS/MS programs in Bioinformatics, Health Informatics, Human-Computer Interaction and Media Arts and Science were proposed to the graduate office
-

Evidence of Progress for 2011-2012:

- The informatics undergraduate program grew by 38% and the media arts and science program grew by 17%
 - A total of 109 undergraduate degrees were conferred in December, 2011; May, 2012; and June 2012. One undergraduate certificate was awarded in this same time period.
 - Student evaluation scores remained constant for Fall but increased once again in Spring (3.52 for Fall 2010 and 2011; 3.46 - Spring 2011 became 3.56 in Spring 2012)
 - The MARLA laboratory continues giving students access to a professional-level game studio, library and gallery equipped with the latest in gaming technology. The 3D Game Developers Group, a new recognized student organization, has been formed as a result of the relationships formed in the MARLA
 - Paired learning techniques in math-base courses continues to have a positive impact on student grades and satisfaction
 - The feasibility of an undergraduate bioinformatics certificate was investigated
-

Activities planned for 2012-2013:

- Review and continued enhancement of the Undergraduate Informatics program
- Prepare for implementation of approved five-year BS/MS programs
- Undergraduate Certificate in Legal Informatics approved, marketing efforts to begin
- Revision of Informatics minor
- Addition of several new informatics courses
- Development of new undergraduate certificate in competitive intelligence
- Revise plan of study to comply with 120 credit hour limitation articulation with Ivy Tech
- Plan for addition of faculty members for the informatics program
- Exploration of enhancing the learning community course to become a themed learning community course
- In the context of revision of Faculty Council bylaws, provide clearer direction for the unit's learning assessment activities

- ☑ Provide effective professional and graduate programs
Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit:
Time Frame:
-

Actions taken for 2011-2012:

- Processes for incorporating the Principles of Graduate Learning developed
 - Procedures for graduate program participation in the PRAC report assessment developed
 - In collaboration with the Regenstrief Institute, and supported by a \$1.4 million grant from the U.S. Department of Health and Human Services' Office of the National Coordinator for Health Information Technology (ONC), we began our third year offering four graduate certificates:
 - Health Information and Management Exchange
 - Health Information Security
 - Informatics for Public Health Professionals
 - Health Information Systems Architecture
 - A new scholarship in Health Information Technology was established to help students pursue graduate studies in health informatics.
 - The School will continue to fund space in Walker Plaza for research groups
 - The School will continue participation in Grad Expo
 - A Bioinformatics Graduate Certificate program was submitted for approval
 - A five-year BS/MS programs submitted to the Graduate Office for approval
 - Funding was continued for space for research groups in the Walker Plaza building to allow closer collaboration between faculty and their graduate students
 - An active Indian student association helped mentor and support new and students from India
 - The School participated in the first IUPUI Grad Expo
 - All graduate program print materials were redesigned/refreshed
-

Evidence of Progress for 2011-2012:

- Our biggest growth from 2010-2011 to 2011-2012 was in the BIO and Health PhD headcounts (from 12 to 21 students [75% growth] in Bioinformatics, and from 19 to 22 students [16% growth] in Health Informatics). We also saw an increase in graduate numbers for both years, most likely due to the graduate certificates being offered through the HIT grant (we had a 35% increase, from 109 to 147). All other MS program headcounts remained steady from one year to another, with the greatest growth being in the Health Informatics MS program (21%). We continue to see growth in that program in 2012-2013 (41%).
- A total of 44 masters and Ph.D. degrees were conferred in December, 2011; May, 2012; and June 2012. Twenty graduate certificates were awarded in that same time period.
- The first class of HIT Certificate program sponsored by a ARRA grant from the U.S. Department of Health and Human Services' Office of the National Coordinator for Health Information Technology graduated in August 2011
- HCI graduate students co-authored over 15 peer-reviewed publications in journals and conference proceedings including the influential and highly-competitive Association for Computing Machinery Conference on Human Factors in Computing Systems (ACM-CHI).
- Davide Bolchini was an IUPUI Student Supervisor of the Year Nominee in recognition of outstanding performance in the HCI program
- Davide Bolchini received the Indiana University Trustees Teaching Award. Josette Jones the School's Excellence in Service Award and Yanni Zhou the School's Excellence in Research Award

- MAS graduate student, Joan Savage, spent the spring semester as an intern working in Beijing, China for Microsoft Research Asia in the Human-Computing Interaction group. This opportunity was a direct result of the WIT networking event with Mary Czerwinski as keynote speaker
- Ten MAS graduate students co-authored over 15 publications
- The HI program has four papers accepted at the American Medical Informatics Association (AMIA) Annual Symposium
- The Walker Plaza research space resulted in the USER Lab producing eight grants funded or renewed (2 NSF grants, 1 NSF grant supplement, 1 IUPUI RSFG, 1 NIH, 1 IUPUI IAHI, and 1 IUPUI OVCR seed grants), and one IUPUI Graduate Student Fellowship, with indirect cost exceeding \$160,000; over 30 technical publications, including peer-reviewed conference and journal articles in ACM, IEEE venues, invited contributions, edited proceedings; 10 research-active graduate students advised (MS and PhD); 17 research presentations, including invited talks and seminars, internal and external poster presentation sessions/exhibits and presentations of peer-reviewed publications at international conferences; over 1000 downloads of publications from the ACM Digital Library (12-month period); and 13 news stories appeared featuring research done in the lab (including internal/school website, IU, IUPUI, electronic and print media). The facilities of the lab are used for:
 - Research group meetings
 - Day-to-day research operations of fully-funded graduate students (6)
 - Day-to-day interactions among faculty and advisees on current work
 - Advanced seminar classes (e.g. HCI)
 - Research experiments and formal tests with participants
 - Dissemination and display of research outcomes, publications and ongoing work
 - Visits of guests to the school (e.g. speakers at the colloquia series)

Activities planned for 2012-2013:

- The Health Informatics master's program will pursue CAHIIM accreditation
- Work on conferring Ph.D. from the IUPUI campus

☒ Recruit and support a well-prepared and diverse student population

Campus Planning Theme: Teaching and Learning

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Recruiting a well-prepared (undergraduate) student population through:
 - Summer camps
 - Capstone presentations in undergraduate programs, open to the public with high school students and employers invited to attend
 - Targeted undecided UCOL students; participation in UCOL Major Exploration Day
 - Added a new course: Exploring the Major for undecided UCOL students
 - Survey students in the introductory courses to continue to refine statistics/understanding of new majors
 - Recruitment activities with IUPUC
 - Participation in JagDays activities
 - Prospective Student Tours with the Informatics student ambassadors from WiT and STARS
 - Class visitations
 - Mapping Education Toward Achievement (META)

- Continued work with Ivy Tech articulation agreement 2+2 for HIA, INFO and MAS
- Sent information to high school guidance counselors/technical directors and inviting them to special happenings
- Community building via faculty and staff sponsorship of campus-wide student organizations including the 3D Game Developers Group, Anime Club, Cosplay Club (costume play), Gamers Guild, HIA Connect, League of Legends Group, Q-Media (audio and video), and Women in Technology. Most groups meet weekly at the School
- Supporting a well-prepared student population
 - Four year plans of study for all three undergraduate programs now posted on the website
 - Multiple undergraduate scholarships for each program
 - Funding of one Chancellor's Recognition Scholar
 - Friday night study halls with informatics faculty take place weekly
- Recruiting a well prepared graduate student population through:
 - Recruiting visit to India by the Associate Dean for Graduate Studies and Research
 - Annual introductory research meeting for all graduate students and faculty; all PhD students are required to talk to faculty before registration

Evidence of Progress for 2011-2012:

- Summer Camps
 - 66 students participated in one of five week-long workshops including Attack of the Giant Photoshop!, Video Bootcamp, Web Design for Beginning Webmasters, Game On! # 1 and Game On! #2.
 - Workshops were taught by faculty members with paid student assistants.
 - 91% of participants indicated they would participate in future workshops at the School
 - 54.5% of participants indicated they would consider majoring in media arts and science
 - Majority of students had not yet applied to a college or university but several indicated they would consider IUPUI as their choice.
 - Determined this activity is reaching the audience we wish to recruit.
- Capstone presentations serves as a recruitment event as well as building community within the student body and between the School and industry
 - 72 students presented capstone projects as a requirement for their degree
 - 409 attended including current students, faculty, alumni, guests of presenting students and employers
 - Prospective students who have visited the School, Ivy Tech and area high school students invited to attend
 - Student ambassadors offered tours to prospective students on the afternoon of capstones
 - Informatics Student Government sponsors an after-party the night of spring capstones

Activities planned for 2012-2013:

- Continue regular recruiting activities in the high schools and UCOL for prospective undergraduate students
- Host Girls Inc. Day at the School, working with over 100 students ages 9-17 in a full day of hands-on activities
- Host freshman and sophomore students from Providence Cristo Rey High School for a half day of programming including hands on activities
- Host Indiana robotics team members for a tour of facilities and presentations by academic program directors
- Continue surveying the introductory course to continue to refine statistics/understanding of new majors
- Use community building activities to target each level of student, providing them with repeated positive interactions with the school at the freshman, sophomore, junior and senior levels

- Continue Participation in Grad Expo
- Continue to utilize Student Ambassadors through the STARS program in recruitment activities
- Expand summer workshops utilizing graduate students
- Work with area robotics teams in developing animation requirements
- Recruit graduate students at the Grace Hopper Celebration of Women and Computing Conference

☒ Support and enhance effective teaching (technology support)

Campus Planning Theme: Teaching and Learning

Secondary Goals:

Sub Unit:

Time Frame:

Actions taken for 2011-2012:

- Continue with on-line course evaluation system
 - Continue mid-term course evaluations
 - The School continues to develop and refine high quality distance education offerings, using making course available in high definition on mobile devices.
 - Prepared a third classroom for student laptop use
 - Replaced computers in two classrooms with high-end iMac and HP computers
 - Updated the audio and video equipment at the instructor's stations in the classrooms to replace aging systems
 - Added audio support to a fourth classroom to allow for better sound while videotaping classes for Distance Education sections
 - Participated in a test for a new initiative with UITS for a combination of in-class student/teacher interactions and simultaneous audio/video sessions with multiple students using the MOVI software and Tandberg high definition video conference unit
 - Participated in a test with UITS of the new IUAnyWARE system of application virtualization
-

Evidence of Progress for 2011-2012:

- Continued work on website to improve usability for students selecting classes and planning the shortest path to graduation
 - Researched ways to implement closed-captions for all website and distance education videos
 - Beginning implementation of distance education content capture process to streamline and improve work-flow
-

Activities planned for 2012-2013:

- Continue to caption videos

Fiscal Health

The School of Informatics at IUPUI continues to perform at a satisfactory level with a healthy fund balance. Informatics projected that credit hours for 2011-2012 would grow by 5% from fiscal year 2010-2011 but overall the credit hour generation far exceeded those projections (15% increase). The considerable difference between projected and actual credit hours may be attributed to the following:

1. In April 2010, a grant was awarded on which several Informatics faculty members were named co-investigators. This grant funds students for one year toward completion of one of five graduate certificates in the health information technology. Informatics' role in this 3-year grant is significant because the majority of the courses required for those certificates are delivered by School of Informatics Health Informatics program faculty. As a result, we had an increase of 15% in graduate credit hours rather than the expected 12%.
2. The School of Informatics revised the curricula in both the Media Arts and Science and Informatics programs. The changes to curricula were made to address the needs of our students and provide richer learning experiences. As a result, rather than a gradual increase in undergraduate credit hours over the next 2-3 years as was expected, our students responded positively to these changes, which resulted in a 10.6% increase in undergraduate credit hours in 2010-2011, and a 16% increase in 2011-2012 rather than the projected 3% increase. Additionally, we had a 9% increase in credit hours in our Health Information Administration (HIA) undergraduate program whereas in previous years the credit hours for that program had been flat.

For the current (2012-2013) year, the School is projecting a 4% increase in total (graduate and undergraduate) credit hours for Fall 2012 versus Fall 2011. However, according to Fall 2012 census figures, the increase was actually 10%. Therefore, due to this unanticipated second year of healthy growth in credit hours (mostly due to the graduate programs), our projected student instructional and will be greater than projected during budget construction.

Special attention will be given again this year to the School's fund raising efforts. With assistance from the Dean's Advisory Council, specific goals have been established for endowed scholarships and endowed chairs at both IU Bloomington and IUPUI.

Reallocation Plan

Other Question(s)