Spring 2012 Budget Conference

February 14, 2012
1) Accomplishments, Highlights, and Challenges in 2011-12

The Office of the Vice Provost for Research (OVPR) works closely with the Vice President for Research (VPR) to enhance a university-wide research organization and continues to work with the IU Bloomington Provost and deans to meet its campus mission as follows:

The mission of the Office of the Vice Provost for Research is to work with individuals, teams, centers, institutes, and schools to foster excellence in research and creative activities and to offer support to faculty to successfully compete for external funding. OVPR provides consultation, proposal development services, competitive internal funding programs, and research infrastructure for a wide range of disciplinary and multidisciplinary research, scholarly, and creative activities.

As an extension of its mission, OVPR and VPR work to create an environment that will attract and retain the best faculty and enable them to achieve national and international recognition for their scholarly and creative work, thus elevating and sustaining IU Bloomington’s reputation among the best research universities in the world.

Among the primary accomplishments of OVPR/VPR in 2011-12 were:

A. Investment in Faculty’s Research and Creative Activity

   **Research Centers and Institutes:** OVPR/VPR reviewed and reorganized the funding model for campus research centers and institutes. We required all OVPR/VPR funded centers to reduce their FY 2012 budgets by 20%, and used half the resulting savings to create a Pooled Fund for Excellence. Each center had the opportunity to submit proposals for new or enhanced research projects. Overall the fund will provide up to $300,000 annually, aimed at increasing a center’s competitiveness and prospects for external funding, peer-reviewed publications, and national or international recognition.

   **Major Internal Funding Programs:** OVPR/VPR invests in faculty research and creative activity through several internal funding programs. In FY 2012, these investments include over $7.5 million in major ($6.8 million) and other ($705 thousand) funding. Major funding includes startup funds for new faculty; grant matching funds; bridge funding; and the competitive Faculty Research Support Program. Smaller but equally important investments include research leave supplements; summer stipends for collaborative research, and faculty grant-in-aid for research.

   **Campus wide Proposal Development Service:** Assistance to faculty in developing external funding proposals had been scattered – at the Consortium for Education and Social Sciences Research and the Institute for Digital Arts and Humanities – and lacked support for the natural and physical sciences. OVPR consolidated the CESSR and IDAH resources, and added personnel with experience in external grant development for the sciences, creating the Proposal Development Services. PDS and VPR assisted with development of 3 proposals in response to major NSF opportunities: ADVANCE ($3.5M); IGERT ($3.49M), and STC ($25M).

B. Leadership in developing infrastructure and research space

   **Completion of Renovations in Woodburn Hall:** OVPR, the Provost, VPIT and the Dean of the College have partnered together to repurpose Woodburn Hall as a Social Sciences Resource Center (SSRC). SSRC is scheduled to open in the fall of 2012.

   **Media Preservation Initiative:** Indiana University possesses a unique range of special collections, many in danger of being lost due to decay and lack of access. Since 2009,
with considerable support from the Provost, OVPR has worked with the College, the IU Libraries, and UITS to develop a center unlike any in the Midwest. Based on recommendations in the Media Preservation Survey, a working group spearheaded a planning process for the preservation and digitization of the time-based media (film, video, and audio recordings). The working group has completed Meeting the Challenge of Media Preservation: Strategies and Solutions, http://www.indiana.edu/~medpres/, which provides details for building a campus digitization center and includes the processes to be followed to create a high-quality preservation system that protects and preserves time-based media.

The IUB partnership will seek funding from internal and external sources for the creation of this center. Collateral materials have been developed for meeting with donors about this investment opportunity at IUB. Working with the University of Michigan, a meeting is scheduled in March to determine partnership possibilities.

Among the priorities for OVPR/VPR at IUB in FY 2013 are:

A. Enhancing Research Infrastructure and Facilities at IUB

**Media Preservation Initiative:** OVPR will work to solidify support to accomplish preservation and digitization within 15 years. The founding partners propose digitizing 284,000 recordings, which are deemed to be rare and unique among the nearly 600,000 holdings at IUB. We will work with colleagues at IUB and elsewhere in the CIC to lay a strong foundation for the MPI.

**Renovation of Animal Labs in Psychology Building:** OVPR/VPR are working to obtain accreditation from the Association for Assessment and Accreditation of Laboratory Animal Care (AALAC), for the first time in Bloomington. AALAC accreditation is the “gold standard” of review for the responsible use of animals in scientific research. Existing facilities maintained by the Department of Psychological and Brain Sciences are substandard, and will prohibit AALAC accreditation for IUB. Renovation and updating of those facilities is therefore a high priority for us. **We have been given an estimate of $350,000 for renovation costs, and are covering this expense by reallocating monies within our existing budget.**

**Update Research Facilities Database:** In August 2004, the Research Space Task Force produced a report that outlined needs for research space at IUB over the next 10 years. OVPR/VPR will revisit this report, focus on space recommendations at IUB and determine what has been achieved and what is still needed in light of changing campus priorities.

B. Strategic Investments in Research at IUB

**Continuing to Strengthen Research Centers and Institutes:** Through regular reviews and strategic initiatives, OVPR/VPR is working with IUB schools as well as other parts of the university to strengthen research centers and institutes. Among those currently under review are the Center for Genomics and Bioinformatics; The Center on American and Global Security; the Consortium for Education and Social Sciences Research; the Poynter Center for the Study of Ethics and American Institutions; and the Light Microscopy Imaging Center. We will continue the Pooled Funds for Research program, encouraging centers and institutes to develop new research efforts. We are also reviewing funding models for research centers and institutes, and gradually increasing the proportion of
funding that comes from ICR returns rather than base funding. This encourages robust efforts to secure external funding and allows OVPR/VPR to redirect base funds to other initiatives to enhance and catalyze research and creative activity at IUB.

**Enhance external funding in the social sciences:** OVPR/VPR are working to enhance funding in social and humanistic sciences by bringing together faculty from social sciences around the recently released NSF strategic plan for social, behavioral and economic sciences, *Rebuilding the Mosaic: Fostering Research in the Social, Behavioral and Economic Sciences at the National Science Foundation in the Next Decade*. The faculty will develop a campus response to the *Mosaic report* by the end of the semester and be better prepared for the RFAs that are expected to result from this NSF initiative.

2) Responses to New Academic Directions and RCM Reports

A) OVPR/VPR will work with other campus and university offices to respond to specific recommendations within the **RCM Review Committee Report** that affect faculty research and creative activity. Specifically, we will assist in efforts to **identify barriers to interdisciplinary efforts**; participate in campus **review of baseline services within support units**; assist in other efforts as requested.

B) OVPR/VPR will work with academic units to enhance IUB’s academic core through encouraging and facilitating excellence in research, scholarship, and creative activity. In FY 2013, OVPR/VPR will focus on **specific aspects of NAD**:

**Recommendation 3:** IU must reduce barriers and encourage innovative alignments among academic units.

*International Studies:* OVPR/VPR will work with the Office of the Vice President for International Affairs, faculty in The College, other IUB schools and research centers to reduce barriers and pursue all opportunities such as those offered by USAID, Department of Education, Department of Defense, State Department and others.

*Environmental Studies [ES]:* Discussions with SPEA and The College are on-going about transitioning the Center for Research in Environmental Sciences (CRES) to the new Integrated Program in the Environment. Additionally, OVPR/VPR will work with faculty across IUB to enhance research in environmental sciences.

*Sustainability Studies [SS]:* OVPR/VPR centers such as CRES and the Workshop are encouraged and continue to engage various groups around campus to develop courses and programs for SS. OVPR/VPR will work with faculty across IUB to enhance research in sustainability studies.

*Global Health (GH):* OVPR/VPR will work with HPER and other academic units to develop enhance research across IUB in GH and search for collaboration with the IU Center for Global Health.

**Recommendation 5:** IU must reduce administrative barriers to academic excellence and innovation.

OVPR and VPR continue to review and reduce barriers for investigators including supplementing proposal development support when departments are unable to assist with large proposals. In addition, centers are being asked to engage faculty in order to expand or redirect their multidisciplinary research programs.

OVPR, VPR and the VPAA are working with campus service units such as Travel and Purchasing departments to reduce the administrative load on faculty.
3) Provost’s Fund Allocations in FY 2012

In FY 2012, OVPR received $50K in Provost’s Fund Allocations to support the Distinguished Faculty (9 @ $25K) and Distinguished Faculty Emeritus (13 @ $20K) Research Fund. OVPR administers this program on behalf of the Provost.

4) Funding Requests in FY 2013

Funding allocated through the Provost’s Fund is rarely enough to cover major campus research initiatives. Therefore it is important that OVPR/VPR outlines additional campus needs that will require attention from the President, the Provost and the IUB deans.

Lab Animal Resources Building: $10M

In order to increase IUB’s competitiveness in the life sciences and attract funded researchers, particularly in neurosciences, it is imperative that IUB identify funding for a new Lab Animal Resources Facility. VPR/OVPR will continue to seek external funding for this purpose but the campus must include this critical need in its future plans.

Media Preservation Center: $48M over 15 years

The planning process of this project has been funded at the cost of $500K per year for the past two years by a partnership between OVPR/VPR, UITS, Provost, Library and The College. The partners are committed to a similar level of funding in FY13. However, besides the operations and planning costs in FY13, the project requires the following:

- 1.5M per year beginning in FY14 to operate and produce approximately 1.5 petabytes of digital data a year. In FY13 OVPR/VPR working with its current partners will seek CIC partners as well as internal IU partners to develop a 15-year plan to finance the operation
- $3M for renovation of an estimated 10,000-square-foot space in the Wells Library
- $700K for additional digital equipment purchase

Eigenmann Hall Renovation: $47M

It is essential that IUB create a unified intellectual, technological, and administrative infrastructure for social and behavioral research to address a national focus on solving “big problems” with the help from the social scientists. Major funding agencies such as the NIH, the NSF and now the USAID as well as the State Department and the Department of Defense are calling for multidisciplinary programs with considerable social science engagement. Without an easily accessible collaborative research space our social scientists are at a disadvantage. Repurposing and remodeling of Eigenmann Hall continues to be one of OVPR’s highest priorities and will fulfill the following specific aims:

- Build a critical mass of social and behavioral scientists studying health at IU Bloomington
- Increase capacity and capability to respond quickly to new RFAs that address NSF’s Mosaic report as well as new funding opportunities at USAID, State Department and the Department of Defense.
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- Improve the quality of workspace for social science researchers
- Enhance collaborations between social science centers at IUB by housing them in Eigenmann Hall

Breakdown of renovation costs:

The renovation consists of 14 floors totaling 168,000 assignable sf (288,000 gsf) of space. While one-time renovation will be best and perhaps less expensive, it is possible to complete the project in phases. This cost is an estimate based on the three floor proposal that was submitted to NIH in 2010.

  - Phase I -- Remodel Floors 2-4 $10M
  - Phase II -- Remodel Floors 1, 5-9 $20M
  - Phase III -- Remodel Floors 10-14 $17M

Provost’s Fund Requests for FY 2013:

OVPR requests $40,000 for the Distinguished Faculty and Distinguished Faculty Emeritus Research Fund. This commitment is funded by the Provost’s office and managed by OVPR. Based on 2010-11 funding, OVPR’s request continues to diminish due to the president’s FY 09 commitment to provide these funds in the form of a salary increase to newly distinguished faculty.