

**State of Indiana
Commission for Higher Education**

Minutes of Meeting

Friday, March 11, 2011

I. CALL TO ORDER

The Commission for Higher Education met in regular session starting at 9:05 a.m. at University Place Conference Center, Room 132, IUPUI Campus, 850 W. Michigan St., Indianapolis, Indiana, with Vice Chair Ken Sendelweck presiding.

II. ROLL CALL OF MEMBERS AND DETERMINATION OF A QUORUM

Members Present: Cynthia Baker, Gerald Bepko, Susana Duarte de Suarez, Keith Hansen, Marilyn Moran-Townsend, Chris Murphy, Eileen O’Neill Odum, George Rehnquist, Ken Sendelweck, and Mike Smith (via conference call).

Members absent: Carol D’Amico, Dennis Bland, Jud Fisher.

III. CHAIR’S REPORT

Mr. Smith deferred his comments and invited Commissioner Lubbers to give her report.

IV. COMMISSIONER’S REPORT

Ms. Teresa Lubbers, Commissioner, Commission for Higher Education, began by acknowledging Mr. Smith and the Smith family for their recent very generous contribution to expand Ivy Tech’s accelerated degree program in Tippecanoe County this fall. Over the next ten years, 25 graduates from the Lafayette area will be selected to participate in this program because of the generosity of the three Smith brothers.

Ms. Lubbers informed the Commission members that she recently participated in a planning session with Complete College America, an organization started by former Commissioner Stan Jones. As a part of an ongoing effort by this organization to encourage and promote college completion, a grant will be made to ten states in the amount of one million dollars. Indiana is in the process of completing this grant to help the state’s efforts, especially around redesign of developmental education; decreasing time to degree completion; and realigning education with workforce needs.

Ms. Lubbers reminded the Commission members that the Weldon Conference will take place on April 15th in Indianapolis. The focus of the Conference will be on defining college success and student learning outcomes.

Ms. Lubbers asked Ms. Baker to provide an update on the upcoming Faculty Leadership Conference, which will take place on April 29th at the University Place Conference Center in Indianapolis. Ms. Baker said that Carol Geary Schneider from the American Association of Colleges and Universities has been invited to speak. This year’s focus of the conference will be

on student learning outcomes and what students should know upon graduation. Ms. Baker pointed out that faculty leaders from both public and independent colleges have been invited to participate.

Ms. Lubbers noted that Ms. Baker's term on the Commission will be completed this coming June. The Commission is accepting faculty applications until April 15th; the position description and is posted on the Commission's website.

Ms. Lubbers also spoke about the U.S. Department of Education's Community College Regional Summit, which will take place on March 23rd in Indianapolis. Martha Kanter, Undersecretary for the Department, will be a guest speaker at the summit. This is an "invitation only" event, to which all Commission members, as well as the Education Roundtable members, have been invited. The focus of the summit is to discuss how to support efforts to improve completion to meet the President's 2020 goal.

In conclusion, Ms. Lubbers briefly provided a legislative update, focusing on financial aid and the budget.

V. CONSIDERATION OF THE MINUTES OF THE FEBRUARY 2011 COMMISSION MEETING

R-11-02.1 RESOLVED: That the Commission for Higher Education hereby approves the Minutes of the February 2011 regular meeting (Motion – Murphy, second – Moran-Townsend, unanimously approved)

VI. DISCUSSION ITEMS

A. Tamarack Hall Replacement and Ivy Tech Community College-Northwest at Indiana University Northwest Campus

Dr. Thomas Morrison, Vice President of Capital Projects and Facilities, Indiana University, presented this project. He gave a history of the project, as well as its description and an overview. Dr. Morrison invited Mr. Jeffrey Terp to speak to Ivy Tech's part of this project.

Mr. Terp, Vice President, Policy Analysis and Engagement, Ivy Tech Community College, spoke to this project. He thanked Indiana University Northwest for this opportunity to collaborate and for being Ivy Tech's partner for a number of years. Mr. Terp said that Ivy Tech's enrollment has doubled in the last five years, and it will continue to grow, as long as Ivy Tech has capacity to accommodate the new students.

Mr. Smith congratulated both institutions for a well-designed project. He asked Dr. Morrison whether there were any financial consequences of the loss of the old building, ruined by the flood and designed to be replaced with the new one, and whether there were any insurance proceeds recovered following the flood. Dr. Morrison confirmed that insurance proceeds were recovered after the flood, and the University has been using those funds for the lease cost and the repair, as well as the movement of the utilities from the Tamarack Hall to other facilities. Dr. Morrison noted that one of the important points is that the building, in terms of insurance, was not a total loss. The insurance company said that since the building was made of limestone and concrete, it could be cleaned and reused again. However, the Trustees

of the University did not see much sense in spending the money to repair the building that was still located in the lowest point on campus, and thus could have been at risk of being flooded again.

Mr. Smith asked whether Tamarack Hall will be demolished. Dr. Morrison responded in affirmative. Mr. Smith asked whether this process has started. Dr. Morrison said it has not, but the University is waiting for this project to be approved. Mr. Smith asked who is going to own the new building. Dr. Morrison responded that it is likely to be owned by Indiana University, and they would figure out some lease arrangements. Dr. Morrison added that the University has not totally figured the bonding of this project yet, because there were two separate appropriations.

Ms. Odum asked whether this project has been shared with the community in Gary. Dr. Morrison responded that the University is doing this; the Board of Trustees overwhelmingly approved the project a few weeks ago, and they have already met with the local legislative leaders. Ms. Odum pointed out that it is important that the community have some input in these matters.

Dr. William J. Lowe, Chancellor, Indiana University Northwest, responded to Ms. Odum's comments that the word is getting around. There are several projects going on in Gary, and there is a great interest in these projects in the community.

Mr. Smith reminded Dr. Morrison that the Commission has recently engaged with University of Southern Indiana (USI) in similar dialogue and appreciated the work the University did to raise community money to be invested alongside the public funds in major construction of their Performance Arts Center in Evansville. Mr. Smith added that the Commission hopes that both Ivy Tech and IU will look carefully for kindred investment and community spirit as this project is being brought to life.

**B. Bloomington New Construction at the Ivy Tech Community College
Bloomington Campus**

Mr. Terp presented this project. He briefly described the mission of Ivy Tech, the capital project process and the Facilities and Design Council. Mr. Terp gave a history and an overview of the project, as well as its scope and budget. Mr. Terp also pointed out that Bloomington is one of the fastest growing Ivy Tech campuses with over 84 percent enrollment growth (FTE) over the last five years. Mr. Terp distributed a chart to Commission members clearly indicating the space shortage at the Bloomington campus: the campus is more than 20 percent below the guideline (based on national guidelines for community colleges).

Mr. Terp invited Dr. John Whikehart, Chancellor, Ivy Tech Bloomington, to make some comments about the project.

Dr. Whikehart said that after 2007 when State Budget Committee appropriated funds for the initial design, the work on the project started. The site and infrastructure for the new construction is already in place; Ivy Tech owns this property. Dr. Whikehart also spoke about the commitment and investment that the community has already made. Monroe County, through a bond issue, constructed a \$5 million 20,000 square feet science building for Ivy Tech's use. The college leases this building for one

dollar per year, and the County leases Ivy Tech's land for one dollar a year. When the bond issue retires, the building becomes Ivy Tech's property.

Dr. Whikehart added that Ivy Tech currently is leasing 31 classrooms in a building off campus. The students are being shuttled between the main campus and this building. Dr. Whikehart briefly spoke about the strong relationship between Ivy Tech and Indiana University.

Ms. Odum asked about the growth horizon of this project. Mr. Terp responded that even once this facility is built, and the college continues leasing the space, the campus will still be below the national guidelines for community colleges in terms of the space. Ms. Odum asked whether there is an opportunity to design something that will improve the situation, or whether there is a limitation of the resources. Mr. Terp responded that to fulfill the requirements the college would have to design a \$15 million project, and this is beyond state consideration at this point.

Ms. Odum asked whether there is going to be another proposal at some point. Mr. Terp responded that in Ivy Tech's ten-year capital plan there is consideration for another facility in Bloomington that would move Ivy Tech out of the leased space. The college is planning an aggressive capital campaign. There is also a hope that someone will endow the expansion of this facility to reduce the state's commitment in the future for a long term. This will allow Ivy Tech to handle more growth, but at present there is no other alternative.

Mr. Sendelweck invited Mr. Jason Dudich, Associate Commissioner and Chief Financial Officer, Commission for Higher Education, to clarify certain confusion in the two discussion items. Mr. Dudich explained that the first paragraph in each of the discussion items on pages 23 and 27 of the Agenda book should not have been included. The two said items are Discussion Items, so no recommendation by the Commission staff is being made on these items at this Commission Meeting. Mr. Dudich apologized for the confusion.

Mr. Sendelweck referred to Chancellor Whikehart's comments regarding pending donation of the space as the bonds are paid off. Referring to Mr. Smith's question regarding community investment, Mr. Sendelweck pointed out that the Monroe County and the city of Bloomington have stepped up, so he wanted to make sure that the Commission would expand on that. Mr. Dudich responded that as a part of the Commission staff analysis, the staff will be bringing the project to the attention of the Commission members; the staff will be looking at other outside potential investments that can be made to help reduce the cost to the state.

C. Update on Tuning, the Degree Profile, and LEAP

Dr. Kenneth Sauer, Senior Associate Commissioner, Research and Academic Affairs, Commission for Higher Education, presented this item. He began by saying that access has been a long term goal and concern of higher education, which is true in Indiana, as well. Over last five or ten years the Commission has become increasingly focused on degree completion, as well as the competitive position of the state. Low graduation rates have been a constant concern of the Commission during that period. Lumina's work on the international competitiveness of the United States, as well as individual states, compared to other countries in the world, has received a lot of

attention. More recently, the Complete College America initiative, of which the state is part, as well as a corollary initiative, Complete to Compete, a part of the National Governors' Association, fed into this concern about increasing the number of students who complete degrees and the numbers of degrees Indiana produces. More recently there has been concern about the quality of these degrees and what students are actually learning.

Dr. Sauer spoke about three initiatives. The first one – Tuning, has its more immediate roots in Indiana, when Indiana, along with two other states, participated in the pilot of tuning. This project was sponsored by Lumina. The primary work of this pilot took place in 2009, with some follow up work completed in 2010.

The second effort is the Association of American Colleges and Universities' (AAC&U) Liberal Education and America's Promise initiative (LEAP). This has received a lot of national attention in recent years.

Finally, the third initiative, Degree Profile (DP), was issued by Lumina at the end of January 2011.

Dr. Sauer informed the Commission about the immediate context for discussion. On February 25, 2011 the Commission held a conference, "*Focusing on Student Learning Outcomes in Indiana*", which was the first conversation at the state level that looked at all three of these initiatives, trying to sort out their similarities and differences. This focus on the outcomes will continue on April 15th at the Weldon Conference, the title of which is "*Defining College Success: Learning Outcomes Matter*", and at the Faculty Leadership Conference on April 29th.

Dr. Sauer gave a brief recap of the February 25th Conference, which was held at the Indiana History Center in Indianapolis. There were 100 registrants from throughout the state, and would have been more had this Conference not coincided with a major event held by Ivy Tech. There was a good mixture of administrators and faculty at the Conference. Registrants also included 20 individuals from ten ICI (Independent Colleges of Indiana) institutions.

Next Dr. Sauer described the origins and milestones of the three initiatives. Tuning has its roots in Europe; the first phase of *Tuning Educational Structures* began in Europe in 2001-02. Degree Profile (DP) also has originated in Europe from *Qualifications Framework*, developed by individual countries, and in 2005 adopted by the European Higher Education Area, which encompasses most of Europe. Based on that, in January 2011, Lumina developed the *Degree Qualifications Profile*, to which everybody refers as Degree Profile (DP). Finally, the LEAP Initiative was launched in 2005 and spread around the country and in Indiana. At the conference, sponsored by AAC&U, which Dr. Sauer recently attended, it was pointed out that the IUPUI principles of undergraduate learning were an important source for the development of the component that deals with the learning outcomes.

Dr. Sauer spoke about the scope of the three initiatives. In Europe, the primary focus of Tuning is at baccalaureate, master's, and doctoral degrees, though in the UK some attention was given to the degrees that would be roughly an equivalent of an associate degree in the United States. In Indiana the tuning pilot varied among the disciplines as to what degree level they carried. In chemistry, they focused on

associate and baccalaureate degrees; in elementary education – on baccalaureate degrees; and in history – from associate to doctoral degrees. The DP is very explicitly focused on associate, baccalaureate and master's degrees. LEAP focuses more on undergraduate education.

Speaking about the student learning outcomes in Europe, Dr. Sauer pointed out that they speak to “generic” and “subject specific” “competences” with more emphasis on subject specific competencies. In part this is because there is not as strong a tradition of general education in Europe as in this country. The DP has five basic areas of learning; LEAP has four areas of Essential Learning Outcomes.

Dr. Sauer then described Tuning competencies. In Tuning, the competencies are detailed; for example, the bachelor's degree in chemistry had 38 subject matter competencies, such as identifying and handling hazardous materials, using computational tools to manage data, stating the properties of elements, compounds, etc. In history there are 32 subject matter competencies.

In the DP (degree profile) there are five basic areas of learning: 1) broad, integrative knowledge; 2) specialized knowledge; 3) intellectual skills; 4) applied learning; and 5) civic learning. An important feature of the DP is the so-called ratcheting effect, which refers to the notion that intellectual skills for the baccalaureate level provided the foundation for skills at the master's level. A spiderweb has been developed to depict the ratcheting effect and how it applies to these five broad areas.

LEAP's essential learning outcomes fall to four areas: knowledge of human cultures and the physical and natural world; intellectual and practical skills; personal and social responsibility; and integrative and applied learning. Dr. Sauer pointed out that there is an emphasis on applied learning, how a student actually takes the knowledge and is able to apply it to a concrete problem.

In Tuning, after the initial pilot, in which Indiana and Minnesota participated, there are two other states pursuing a pilot, as well: Texas, where the focus is on engineering, and Kentucky, where it is on several disciplines. Dr. Sauer pointed out that history is being tuned on the national level, and Dr. Marianne Wokeck, who is a faculty member in history at IUPUI, and who was one of the co-chairs of the history discipline team, is playing a major role at the national level with respect to applying a tuning process in history across the country.

Dr. Sauer pointed out that there is a possibility of some additional work on Tuning in the Midwest; nothing specific yet, but Lumina has an interest in a regional initiative. There are some funds left over from the Indiana Tuning Pilot, so as the Commission talks about Tuning from now until April, there may be some other ideas on how those funds might be used to continue the pilot in Indiana. One of the things that Indiana wanted to do but didn't get a chance to do in Tuning Pilot was to use the Indiana Workforce Intelligence System data to survey employers with respect to how they regard competencies that are most important in their areas.

Mr. Murphy asked whether this was an important part of the Bologna process, and whether Indiana was being amiss by not getting employers involved. Dr. Sauer responded that this was true; but he pointed out that at that time nobody had heard of tuning; it took a while to understand a concept and get the discipline going, and

Indiana ran out of time. Dr. Sauer confirmed that, even though students and faculty need to be a part of this process, the employers are a critical part. Dr. Sauer said that there was a hope that in the next half of this year there will be an opportunity for this.

Dr. Sauer continued describing the related activities in the three initiatives. He said that Degree Profile is still referred to as a Beta form. It received a lot of attention, and there will be refinements to this initiative, as well as some thinking on how they might be implemented.

LEAP has a number of related activities. They have a project dealing with high impact practices and effective educational practices, which lead to higher graduation rates and to better acquisition competencies on the part of students. Dr. Sauer mentioned project VALUE, which deals with developing rubrics that can be used to assess e-Portfolios, where students place artifacts, such as papers they have written or lab experiments they have undertaken. Finally, LEAP has surveyed employees to identify skills they value in the workplace.

Dr. Sauer spoke about the LEAP Campus Action Network, which includes hundreds of campuses, among which Indiana is well represented: there are four public campuses and eight ICI campuses; all regional campuses are evaluating their potential participation in this network. Indiana University-Purdue University in Fort Wayne (IPFW) is already a part of this network.

There are six states that have made a strong commitment to LEAP. Ms. Baker asked whether there were some requirements to become a LEAP state. Dr. Sauer responded that in his opinion it would require some affirmative statement on the part of the Commission; so as long as there is a strong interest in the state on the part of institutions, and as long as there is some indication on state level leadership, that should be sufficient to become a LEAP state.

Ms. Duarte de Suarez asked how professional credential related to Tuning. Dr. Sauer indicated there is some potential interest among the groups that have tended to look at this more as the professional association. Dr. Sauer gave as an example the American Chemical Society that accredits chemistry programs. They essentially have done some of the work in tuning, simply because they were interested in student learning outcomes and were clear on what students graduating with a Chemistry Degree should be able to do. Dr. Sauer added that this question is to be directed to the professional groups, especially those who accredit the regional campuses.

Ms. Duarte de Suarez said that one of the big challenges the Commission is going to be facing is whether the credentials with which the students will be graduating will be recognized in other states. She was concerned that if these different accrediting bodies do not recognize all this work that has been done to have a similar dialog, Indiana may not have results it is looking for. Ms. Duarte de Suarez encouraged the Commission to delve further into this.

Ms. Baker asked whether AAC&U appoints a state to be a LEAP state. Dr. Sauer responded that it is necessary to have a dialogue with AAC&U. He also mentioned that AAC&U is interested in Indiana, and said that there will be a representative from AAC&U at both the Weldon and Faculty Conferences. He also added that AAC&U

would like to see some assurance that there is a real state level support for the various activities and components of LEAP.

Mr. Murphy asked what the next step on Tuning is going to be. He said that Indiana needs to continue its pilot program and focus on additional disciplines. Dr. Sauer responded that Indiana has been holding off a little bit because of the prospect of having some sort of initiative in the Midwest with MHEC (Midwestern Higher Education Compact). Dr. Sauer added that he thinks a decision on that will be made within a couple of months, and if MHEC would sponsor a Tuning initiative, it seems to make sense that Indiana be a part of that.

Mr. Murphy asked whether there will be a survey of employers in the state. Dr. Sauer responded in affirmative.

Dr. Bepko, referring to an earlier question from Ms. Duarte de Suarez, said that all the programs that the Commission is dealing with are accredited or will be accredited, and the accrediting bodies call for the institution to adopt some form of measuring outcomes. Each university has to explain the educational outcomes they anticipate and how they measure whether their students are achieving these. He also pointed out that the North Central Association accredits the academic campuses in the Midwest and the Western Association accredits the western states. The Western Association has been on the forefront in developing this requirement of having descriptions of what the learning outcomes should be.

Ms. Odum asked whether there is a point when these processes can be considered finished, enabling the participants to see the measurement of that impact.

Dr. Sauer responded that one potential outcome, at least from the staff's perspective, would be to have some agreement on the specific competencies and ways in which these competencies could be assessed, making sure that the students really do have these competencies, and that would be embraced by campuses throughout the state.

Ms. Odum asked whether the Commission is going to place bets on all three initiatives (Tuning, Degree Profile and LEAP), in hope that one of these will come through for Indiana, or whether there is a plan in which all three are integrated in some specific scheduled way. Dr. Sauer responded that at this point there is an element of placing bets on all three, because they are still developing; for example, the Degree Profile is only a few months old. But part of what has to be sorted out is whether the Commission wants to continue with all three, or whether it makes sense to focus on two, or whether these could be amalgamated in some way that can help to move Indiana along.

Dr. Sauer said that the number one outcome is what the students learn, whether they have a quality experience. Ultimately, some agreement on using one or more of these initiatives can provide a common vocabulary and some consensus on the kind of basic learning outcomes that students ought to be acquiring in the course of earning a degree. Tuning carries this a little further, insofar as the subject matter competencies or details much more than the other two initiatives.

Ms. Odum summarized that Indiana is participating in these three various approaches, but does not have its own plan, which is time-dimensioned. Indiana has

a general desire to do the things that have been discussed here, and it is pursuing this general desire by participating in programs that are driven by others.

Dr. Sauer said that this is a fair statement of where Indiana is right now, with one caveat, at least with retrospect to LEAP, which is that four Indiana public and six independent campuses have embraced this particular initiative and are, very much on their own, pursuing it.

Mr. Murphy indicated there should be an effort to tie the multiple initiatives to the Voluntary System of Accountability. Mr. Murphy also said the reason Indiana embraced Tuning in the beginning is because it was concrete. This is a great model of what Indiana wants to try to achieve; these are the competencies one has to have to be effective.

Ms. Lubbers added that as the Commission continues to promote completion and acceleration, it gets some push back, and one is whether our institutions are insuring learning and quality at the same time. The Commission believes it is possible to promote both completion and academic quality.

Dr. Bepko pointed out that some Indiana institutions are proceeding in this faster than most states. The leadership in these projects is here in Indiana. It is not easy to make the higher education system uniform, and it is not easy to make it a high school curriculum.

Mr. Murphy added that the key point of Tuning is that it tells you what you need to have accomplished.

Dr. Bepko said that in Europe there is such a variety of educational systems to deal with that it was necessary to have some consistency in measuring what students are learning. In the U.S. there is not as much variation. The best approach from the standpoint of the Commission is to congratulate those who are doing good work, and urge those who are not doing it yet to get busy. Dr. Bepko asked Dr. Sauer whether the influence from the accrediting bodies could help in this area.

Dr. Sauer responded that if the Commission could work in partnership with the accrediting bodies more closely, the outcome could be realized even sooner. Indeed, the Commission has been having a lot of conversations with the Higher Learning Commission on this point.

Dr. Bepko asked whether the North Central Association of Colleges and Schools has been invited to a Commission meeting to talk about how they do the accreditation. Dr. Sauer responded that they have not. Dr. Bepko said that this might be a good idea to ask them what they do when they come to visit all the campuses in Indiana, and what they think Indiana should do.

Ms. Lubbers referred to Mr. Murphy's comment about the involvement of employers. She noted that the same thing can happen with the higher education level as happened with K-12 education, when employers become concerned that a diploma does not ensure that graduates can write, think, or compute adequately. Ms. Lubbers said that the institutions should lead the discussion on learning outcomes to ensure that we continue to have the best higher education system in the world.

Mr. Murphy said with all due respect to our institutions, sometimes the businesses hire graduates from many of them, and they are not educated the way they should have been, and the businesses should not be spending their time trying to re-educate these graduates.

Mr. Hansen said that at the Faculty Conference the students requested the development of a website where they would be able to talk about these issues. Mr. Hansen wanted to make sure this was still on the radar. Dr. Sauer confirmed that it was.

VII. DECISION ITEMS

A. Academic Degree Programs

1. Master of Science in Management To Be Offered by Indiana University East at Richmond

Dr. Nasser Paydar, Chancellor, IU East, first gave a few remarks about the previous discussion item. He said he had worked with a number of institutions in Europe, and what distinguishes the United States' colleges from those in Europe is the accreditation, by campus, by school and by program. There are many programs in Europe that have no accreditation. Dr. Paydar mentioned that up until twenty or so years ago the accreditation in the U.S.A. was based on input numbers: how many hours of this or that subject were there in a certain program. Twenty years ago all accreditation units moved to the assessment, so the focus was more on the purpose of a program and on how each individual course contributed to the program.

Dr. Paydar noted that the faculty members at IU East spend significant time on assessing each individual course on the undergraduate level in terms of its purpose, importance, and learning outcomes. In the mid-eighties and early nineties, IUPUI underwent a visionary change in the direction of the assessment. This campus leads the nation in the area of assessment of the degree programs, so the LEAP program was adopted on this campus very quickly. Dr. Paydar pointed out that IU East is also a LEAP campus. He thanked Dr. Bepko for his leadership and for moving this campus and the state in the area of assessment of the program and program outcomes.

Dr. Paydar presented a new program request. Three years ago IU East changed its mission and eliminated all associate degree programs and remedial classes. IU East has developed a partnership with Ivy Tech Community College, so that IU East could focus on baccalaureate and selected graduate programs, which means a lot to the community.

Dr. Paydar briefly spoke about the new program.

Dr. Sauer gave the staff recommendation and pointed out that this proposal contained a list of student learning outcomes, which was exemplary, definitely one of the better ones Dr. Sauer has seen. He complimented everybody on the campus for creating such well spelled out learning outcomes, which are consistent with what is called for as a part of the Tuning process.

R-11-02.2 RESOLVED: That the Commission for Higher Education approves the *Master of Science (M.S.) in Management* to be offered by Indiana University East, in accordance with the background discussion in this agenda item and the *Abstract*, February 25, 2011; and

That the Commission recommends no new state funds, in accordance with the supporting document, *New Academic Degree Program Proposal Summary*, February 25, 2011 (Motion – Bepko, Second – Duarte de Suarez, unanimously approved)

2. Doctor of Philosophy in Environmental Health To Be Offered by Indiana University Bloomington at Bloomington

Dr. Barbara Bichelmeyer, Associate Vice President for University Academic Planning and Policy, Indiana University (IU) Bloomington, presented this program proposal.

Dr. Bichelmeyer first spoke about the mission of the IU Bloomington campus, as a major research university, to create, disseminate, preserve and apply knowledge. The university must remain current in its research and advanced teaching. The campus must also be competitive with its AAC &U peers in research funding, recruiting and retaining renowned scholars.

Dr. Bichelmeyer noted that both doctoral programs, which are being presented at this meeting, further the mission of IU Bloomington, because they build on existing campus strengths, and leverage in a crucial way the campus opportunities for external research funding. The IU School of Public and Environmental Affairs also has a nationally prominent Ph.D. program, which is Environmental Science. There is a strong alignment between the proposed Ph.D. in Environmental Health and the College of Arts and Sciences, which has outstanding faculty in chemistry, biology, earth and atmospheric sciences. Faculty are already working with their environmental health faculty on a research proposal.

Dr. Bichelmeyer also mentioned the great strength in social and behavioral sciences on the Bloomington campus, and their internationally renowned faculty. All these existing faculty and lab resources are already available to collaborate with these new programs.

Dr. Bichelmeyer spoke about IU's plans to create Schools of Public Health in Bloomington and Indianapolis. The two new degrees are a part of this plan. These degrees will train researchers in areas of state and national need and they are likely to help leverage possibilities for external grants and funding.

Dr. Bichelmeyer pointed out the importance of the two new degrees. Environmental Health and Epidemiology are rapidly expanding fields; there are hundreds of jobs in these fields that are unfilled because the needs are so great. These degrees will address the state and national needs in health and health promotion, and in doing so will also maintain and enhance IU Bloomington's stature as a major research campus.

Dr. Bichelmeyer gave a brief description of the Ph.D. in Environmental Health and compared Ph.D. in Environmental Science, offered by SPEA (School of Public Environmental Affairs), with the Ph.D. in Environmental Health, offered by IU Bloomington. Dr. Bichelmeyer explained that Environmental Science is an interdisciplinary study of how humans affect the environment, while Environmental Health is how environment affects humans.

Mr. Smith thanked Dr. Bichelmeyer and representatives from IU Bloomington for the clearest statements of distinction in these two disciplines that he has heard.

Dr. Sauer gave the staff recommendations.

R-11-02.3 RESOLVED: That the Commission for Higher Education hereby approves the *Doctor of Philosophy (Ph.D.) in Environmental Health*, to be offered by Indiana University Bloomington at Bloomington, in accordance with the background discussion in this agenda item and the *Abstract*, February 25, 2011; and

That the Commission recommends no new state funds, in accordance with the supporting document, *New Academic Degree Program Proposal Summary*, February 25, 2011 (Motion – Smith, second – Baker, unanimously approved)

3. Doctor of Philosophy in Epidemiology To Be Offered by Indiana University Bloomington at Bloomington

Dr. Bichelmeyer presented this program proposal. She said that traditionally the Epidemiology program studies the relationship between the exposure to a health hazard and a probability of disease. This new program will emphasize the social and behavioral determinants of the disease: how humans and their behaviors determine whether the humans will get disease.

Dr. Bichelmeyer spoke about the reasons why IU wants to offer a program with this emphasis at IU Bloomington. IU Bloomington has great strength in Social and Behavioral Sciences and a premier Ph.D. in Health Behavior. This program will have a focus on rural health, which will represent an important opportunity for IU Bloomington. Currently there are three epidemiology faculty members at IU Bloomington, and there is a need to hire two more professors in epidemiology, who have worked on rural health issues.

Ms. Odum had a question regarding an earlier approved Ph.D. at IUPUI. She asked how many students have been attracted to this program in comparison with IU's forecast. Dr. Barbara Van Der Pol, Assistant Professor, Applied Health Science Department, IU Bloomington, said that she did not have the exact enrollment rates this year, but she had a very extensive list of people who continue enquiring whether there is going to be a degree in Bloomington, and if so, when.

Ms. Odum said that she appreciates the fact that this is a general degree, recognized broadly, and has an opportunity of distinctive specialization in the program.

Dr. Sauer referred to Ms. Odum's question about the enrollment numbers. The program was projected to enroll 24 students; there were eight students this year.

Dr. Sauer gave the staff recommendations.

R-11-02.4 **RESOLVED:** That the Commission for Higher Education hereby approves the *Doctor of Philosophy (Ph.D.) in Epidemiology*, to be offered by Indiana University Bloomington at Bloomington, in accordance with the background discussion in this agenda item and the *Abstract*, February 25, 2011; and

That the Commission recommends no new state funds, in accordance with the supporting document, *New Academic Degree Program Proposal Summary*, February 25, 2011 (Motion – Bepko, second – Hansen, unanimously approved)

4. Academic Degree Programs on Which Staff Propose Expedited Action

Staff presented a list of degree program proposals for expedited action.

R-11-02.5 **RESOLVED:** That the Commission for Higher Education hereby approves by consent the following degree programs, in accordance with background information provided in this agenda item:

- Bachelor of Arts and Bachelor of Science in Construction Management to be offered by Ball State University at Muncie
- Bachelor of Arts in Fashion Design to be offered by Indiana University Bloomington at Bloomington
- Bachelor of Science in Electrical Engineering to be offered by Purdue University-North Central in Westville
- Bachelor of General Studies to be offered by Indiana University East and Kokomo Statewide via Distance Education Technology (Motion – Baker, second – Bepko, unanimously approved)

B. Capital Projects on Which Staff Propose Expedited Action

Staff presented a list of items for expedited action.

R-11-02.6 **RESOLVED:** That the Commission for Higher Education approves by consent the following capital projects, in accordance with the background information provided in this agenda item:

- Glick Eye Institute – Third and Fourth Floor Lab Build-Out at Indiana University – Purdue University Indianapolis: \$4,500,000

- Family and Consumer Science Building Renovation at Indiana State University: \$3,000,000
- Ralph and Bettie Bailey Hall at Purdue University West Lafayette: \$8,182,000
- Cooling Tower Replacement at Purdue University Calumet: \$2,700,000
- Combine Liberty Drive I and II lease agreements at Ivy Tech Community College – Bloomington: \$234,900 for the first year of five years (Motion – Hansen, second – Moran-Townsend, unanimously approved)

VIII. INFORMATION ITEMS

- A. Status of Active Requests for New Academic Degree Programs
- B. Capital Improvement Projects on Which Staff Have Acted
- C. Capital Improvement Projects Awaiting Action
- D. Minutes of the February Commission Working Sessions

IX. NEW BUSINESS

There was none.

X. OLD BUSINESS

There was none.

XI. ADJOURNMENT

The meeting was adjourned at 11:45 a.m.

Mike Smith, Chair

Jud Fisher, Secretary