Selected Accomplishments of College/Units within Academic Affairs

College of Arts and Sciences

- The College of Arts and Sciences dramatically increased the level of external research funding over previous years, representing a steady improvement in scholarly productivity, peer-reviewed publications, and international recognition. During the 2009 calendar year, for example, faculty in the College submitted 231 grant proposals for $50.4 million in external research funding, and has received awards for over $11 million so far from that effort.

- The Idaho State University History Department is engaged in a revolutionary, interdisciplinary historical study that has attracted $1.7 million in funding from the National Science Foundation. History professor J.B. “Jack” Owens and co-workers Daniel Ames and Vitit Kantabutra received the largest NSF award ever made to a History professor for a project titled “Understanding social networks within complex, nonlinear systems: geographically-integrated history and dynamics GIS.” About $1.3 million of the four-year grant will go to ISU, with about $471,000 to go to the University of Oklahoma and co-principal investigator May Yuan. Laura Woodworth-Ney, chair of the ISU history department said, “This creates a world-class reputation for the ISU history department and our GIS (geographic information systems) based geographically-integrated history program and makes ISU the center for this type of activity.” Also this year, the Department of History fully implemented the new M.A. in Historical Resources Management supported by this ongoing research effort.

- Idaho State University researchers René Rodriguez and Joshua Pak, who worked with Idaho National Laboratory researcher Robert Fox, were honored with an R&D 100 Award on July 20 for their work with precision nanoparticles. These awards salute the 100 most technologically significant products introduced into the marketplace over the past year, according to R&D Magazine. Rodriguez and Pak, both professors in the ISU Department of Chemistry, worked with Fox on developing precision nanoparticles. Their revolutionary technology efficiently produces nanoparticles in uniform and precise sizes, which are being studied for use in alternative energy systems and variety of other applications. The precision nanoparticle technology has been licensed to Precision Nanoparticles, Inc., of Seattle.

- Paul and Katie Link donated the Lost River Field Station to ISU. Idaho State University geosciences professor Paul Link and his wife Katie were recognized for donating the $200,000 ISU Lost River Field Station to the Geosciences Department. "Having the opportunity to provide a field based research and teaching facility enhances ISU's recognition as a leader in geosciences," said ISU President Arthur Vailas. The Links donated nearly eight acres of land and buildings located on the banks of the Big Lost
River in the shadow of Borah Peak, Idaho’s tallest mountain, about 20 miles north of Mackay. It has some of the most stunning views in Idaho, with the Big Lost River Range to the north and the Pioneer Mountains to the south.

- The College of Arts and Sciences Business Office, directed by Lynn Roberts, University Business Officer, played a large role in the development and implementation of the new Veterans’ Sanctuary program, which was co-founded by Roberts and Scott Turner, UBO for Student Affairs. ISU was also recognized as a military friendly campus in the meantime. ISU’s Veterans’ Sanctuary program formally opened on Sept. 30 in the Rendezvous Complex. “The Veterans’ Sanctuary is a unique program that offers a comprehensive and unequaled system of support to our nation’s finest as they transition from military to campus life,” said Casey Santee, ISU Veterans recruiter/counselor. “Our mission is simple: first-class service for those who have served their country.” The program features cohort general education classes for veterans taught by faculty members who are veterans. There are plans to create cohort housing and a “learning community” on campus for unmarried veterans. In addition, an Armed Forces Veterans Club, which began at ISU’s Idaho Falls campus last semester, has since expanded to Pocatello, in part as a result of this new program.

- The College of Arts and Sciences saw significant growth in academic programs: e.g., improved the B.S. in Biochemistry, relocated from Biological Sciences to Chemistry; initiated a unique M.S. degree in Historical Resources Management based on GIS technology; converted the D.A. in English to a Ph.D. in English; and currently expect four new Ph.D. programs in FY10: Microbiology, Experimental Psychology, Geosciences, and Social and Environmental Dynamics.

- Idaho State University’s new issue of Rendezvous was released and is available from several local bookstores. The first half of the 40th anniversary issue of Rendezvous, the Idaho State University Journal of Arts and Sciences, is a 562-page reprinting which features the writings of Charles Bilyeu, Beverly Bistline, Ford Swetnam and a variety of other well-known Idaho writers and intellectuals.

- Lauralee Zimmerly, associate dance lecturer at Idaho State University, was selected as the 2009 Idaho Association of Health, Physical Education, Recreation and Dance’s (IAHPERD) Outstanding Dance Educator of the Year. Awarded annually, IAHPERD recognizes an exemplary teacher/educator in the areas of physical education, health, dance or sport. Zimmerly was honored because of her creative teaching methods, balanced curriculum, promotion and understanding of dance as an integral culture as well as serving as a positive role model for her students.

**College of Business**

- Establishment and implementation of the Center of Business Services student consulting teams. The major goal for our college for this year has been contributing to economic development of eastern Idaho.
  - The dean is an active member of four boards that emphasize technology transfer from universities and the INL to create new businesses.
Teams of faculty, MBA students, and undergraduate students have worked on 38 projects for Idaho companies ranging from government entities to medical facilities to manufacturing entities such as Premier Technologies. The reputation of the College has grown significantly and very quickly as a result of these projects. Clients have reported that the projects have yielded high quality recommendations that could not have been accomplished without the assistance of these teams.

- The College has developed a consulting unit (called Bengal Solutions) that makes MBA graduate assistants, graduate students in other specialties (such as engineering and health care), and business faculty available to external entities for projects that are not adaptable to a semester long course-based student team. This unit will commit to short-term problems that might take a week or two as well as long-term projects that will require up to a year of effort.

- Expansion of the Information Assurance program:
  - An additional grant was received allowing a 50% expansion of the capacity for students in the Scholarships for Service Information Assurance program.
  - Professor Corey Schou has been the keynote speaker at many information assurance conferences at locations around the world. These presentations have been in locations such as Australia, Korea, Malaysia, Paris, and London.
  - President Obama’s appointment of an ISU faculty member in the Information Assurance program, Howard Schmidt, to be the national director of information assurance. He now directs U.S. efforts to counteract cyber-terrorism.

- The College was ranked in the top 14 accounting programs in terms of tax research publications.

**College of Education**

- This year the College of Education has recognized the following individuals in their contributions to education. The Kole-McGuffey Prize for Excellence in Education Research is awarded on an annual basis to a graduate student. The 2010 student recipient is Chris Belcher. Chris, a doctoral student in the Educational Leadership – Higher Education Administration program defended his dissertation entitled, *The development and testing of a standardized system of training intensity guidelines for the sport of track and field using blood lactate values* in August 2009. The 2010 Outstanding Educator of the Year is Jeanne Johnson, a school principal at A.H. Bush Elementary School in Idaho Falls School District #91 since 2003. Several of the College of Education courses are taught at Bush Elementary School, along with having master teachers from Bush supervise university students during their field experience and student teaching internships. The College of Education’s 2010 Professional Achievement Award recipient is Randy Jensen, a school principal at William Thomas Middle School in American Falls for the past 20 years. William Thomas Middle School was recognized as one of the top 15 secondary schools in the United States in 2009 by the Center for Secondary School Redesign.
• Each year the College of Education selects an author to be featured as part of the Bellon Visiting Author Series. Yangsook Choi was the visiting author in March 2010. Yangsook was born in Seoul, South Korea, where she lived until she moved to the United States in 1991 to attend art school. By the time she graduated from the School of Visual Arts in New York, she already had a contract to illustrate her first book. During her visit to Pocatello, she shared her stories and experiences at several area elementary schools and gave to evening presentations at the Marshall Public Library and in the College of Education. Yangsook Choi’s visit was a huge success and her books that were purchased in Pocatello will continue to inspire others long after she has left Idaho.
• The Intermountain Center for Education Effectiveness (ICEE) has been awarded three State Board of Education grants totaling $225,000 related to supporting educational best practices in public education. The Total Instructional Alignment grant is a partnership with eastern Idaho K-12 school districts, ISU College of Education, and the College of Arts and Sciences. The Teacher Evaluation Pilot Model grant is a partnership with selected high needs eastern Idaho school districts. The Highly Qualified Teachers grant is a partnership with Idaho school districts to provide mentoring to middle school teachers in order to become “Highly Qualified.” In addition, the ICEE has an Idaho Building Capacity contract totaling 1,119,000 with the State Department of Education. This contract is a partnership with selected eastern Idaho school districts to increase capacity and improve student achievement.

**College of Engineering**

• Joint 14th Annual Intermountain Conference on the Environment & 42nd Engineering Geology and Geotechnical Engineering Symposium
  o Held November 5-6, 2009, at Idaho State University
• Reorganization of the College of Engineering from five Departments to three:
  o Department of Civil and Environmental Engineering
  o Department of Electrical Engineering and Computer Science
  o Department of Mechanical and Nuclear Engineering
• Federal and State Funding:
  o US Army, Phase II, Grant for Prosthetic Hand - $1.41 M
  o Completed Phase II renovation of Engineering Research Center (ERC)
  o NSF Grant, Co-PI: “Understanding Social Networks Within Complex, Nonlinear Systems: Geographically-Integrated History and Dynamics GIS” - $1.3 M (with parallel funding at University of Oklahoma, $471,000)
• Nuclear Engineering Research and Education Funding
  o Modeling, Experimentation, and Validation International School
  o International Workshop on Nuclear Data Needs for Criticality Safety (OECD)
  o Collaboration on DOE Office of Science with INL and ANL (1 graduate student)
  o Collaboration with RPI, PNNL, LANL, and UNLV on lead slowing down spectrometer (1 graduate student)
  o Won two awards, as PI, as part of the ATR NSUF - $550K (2 graduate students)
• Nuclear Engineering University Program (NEUP) - $700K Graphite Studies (2-3 graduate students)
• NEUP Fellowship - $150K (1 graduate student)
• NRC Scholarship - $170K (supports undergraduate students)
• Equipment grants for laboratories in Pocatello and at CAES - $500K

• Recruitment and Increased Enrollment, Fall 2009-10
  • Recruitment efforts have resulted in college-wide increased enrollment of 5.5% over Fall 2009, and 15% over the last five years (2005-2010)
  • Fall 2010 10th-Day Enrollments are the highest ever:
    ▪ 653 Students Total

College of Health Professions

• 12% increase in enrollment over the last year
• CSED has launched an online Master’s degree in Speech Language Pathology. Students will be able to complete a Master’s degree in 3 years, with all academic courses completely online in Fall and Spring semesters. The program will require two summers in residence for Clinical Practicum in the ISU clinics to establish basic clinical skills, and then additional Clinical Practicum near their own homes will allow for expanded experiences to complete requirements for certification. This program expands our capacity for Graduate Students by about 40%, and it will allow individuals in rural Idaho and other intermountain states to prepare for work in the field of Speech Language Pathology.
• The Institute of Rural Health celebrated 20 years at ISU in 2009-2010, with more than $34 million in external funding awards received since its inception. In 09-10, several IRH researchers were highly honored for their work. Ann Kirkwood was named a winner of the prestigious Voice Award, sponsored by the Substance Abuse and Mental Health Services Administration to recognize the accomplishments of consumer advocates who are working to promote the social inclusion of people with mental health problems and the real possibility of recovery. Russell Spearman was selected as one of the Idaho Business Review’s Health Care Heroes honorees for 2009 in the Rehabilitation Care category. Ramesh Ramloll’s “Play2Train” Second Life® application was named as a finalist for the inaugural Federal Virtual Worlds Challenge.
• The 14 College Clinics continue to expand services and patient contacts: 30,000 patient contacts were made this past year.
• Initiated an NOI to establish a Physician Assistant program in Meridian, with a partnership with St. Alphonsus Hospital, to offer a program in Emergency Medicine for Physician Assistants. Currently, the nearest such program is in Iowa.
• Dr. Alex Urfer, Professor, in Physical Therapy involved in a Title VII grant for $42, 500 for training medical residents in prescribing healthy lifestyles.
• The Idaho Oral Health Institute was awarded a special congressional federal grant from Health Resources and Service Administration for $330,000 that focuses on distance-learning and includes dental chair side distance learning equipment. This equipment
will serve to connect the home campus in Pocatello to the Idaho Falls and Boise sites in anticipation of future program expansion and development. Special recognition is given to Congressman Simpson for his role in procuring this federal grant.

College of Pharmacy

- Community outreach programs supported by the student body include Operation Immunization, Heartburn Awareness and Operation Diabetes. During the fall 2009 semester, pharmacy students helped provide seasonal and H1N1 influenza immunizations to more than 2,500 residents of Southeastern Idaho and the Treasure Valley, including the Governor. Operation Diabetes and Heartburn Awareness both won regional awards at the March, 2010 meeting of the American Pharmaceutical Association (APhA). The Professional Pharmacy Student Alliance raised approximately $16,000 during their annual Spaghetti Feed & Auction fund-raiser, with 25 percent of the proceeds earmarked for a young woman in Pocatello who has cystic fibrosis through the Make-a-Wish Foundation.
- Through a generous gift of $5 million from The ALSAM Foundation, the College of Pharmacy and ISU were able to expand its Treasure Valley site into the ISU Meridian Health Sciences Center in 2009. The College of Pharmacy dedicated the L.S. Skaggs Pharmacy Complex in the fall of 2009. The 40,000 square foot complex, located on the second floor of the building, provides distance learning classrooms, labs, faculty offices, case study conference rooms and a student lounge for Treasure Valley-based pharmacy students and faculty.
- In 2009, the College celebrated 20 years of providing licensed pharmacists with the option to pursue PharmD degree through the Nontraditional Doctor of Pharmacy Program. More than 300 graduates practice pharmacy throughout the U.S. and Canada. The ACPE-accredited program is one of two NonTraditional programs offered in the U.S.
- On February 26, 2010, Dr. Carr at the College of Pharmacy in Meridian helped to coordinate a cross-disciplinary pilot preventive screening clinic for the underinsured, working poor, and those without insurance in Ada County. This project was conducted in conjunction with the Department of Health and Welfare. Additionally, the College of Pharmacy has been facilitating an interdisciplinary model of health care in Meridian – the Unity-ISU Urgent Care Clinic is scheduled to open May 15, 2010 to service both the Meridian Joint School District 2 and the City of Meridian. The pharmacy is scheduled to open shortly thereafter.
- Dr. Dan Selvage, continues work on his $1.2 million R01 NIH grant on the role of gonadal hormones in HIPA responses to alcohol administration in the rat. Dr. Karl Madaras-Kelly was a finalist for ISU Distinguished Researcher and continues work on his $124,308 R03 NIH grant entitled “The epidemiology, etiology and clinical outcomes of health care-associated pneumonia” from the National Institute of Allergy and infectious Diseases. Drs. Vaughn Culbertson and Rex Force have submitted grant proposals totaling over $1.5 million for development of the ISU Center for Healthcare Research and Quality as well as novel therapeutic outcome metrics to assess pharmacotherapy in the Idaho Medicaid/Medicare population. Lastly, Drs. Rex Force, Cara Liday and John Holmes have
submitted a $323,295 proposal to participate in a multi-center Duke Clinical Research Institute/University of Oxford Diabetes Trial Unit/Merck Pharmaceuticals trial regarding the evaluation of cardiovascular outcomes after treatment with sitagliptin.

**College of Technology**

- Enrollment Increases. Enrollment in the College of Technology significantly increased this year. Fall 2009 enrollment in professional technical programs was 1636 compared to 1294 the previous year. Headcount for FY 10 (summer, fall and spring terms) went from 3383 to 4295, for an increase of 27%. Enrollment for academic programs was down slightly by 2.2%, primarily due to closure of the Paramedic program. Combined enrollment for both PTE and academic programs increased by 18%. Tech Prep enrollment increased by 20.3%. This program is similar to Early College. College faculty review high school classes to determine if these classes are equivalent to introductory college level professional technical courses based on content, faculty qualifications, and instructional methodologies. Students register for these equivalent classes and receive college credit; these credits are transcripted.

- Nursing. All of the 2009 graduates from the Associate Degree Registered Nurse (ADRN) program achieved a 100% pass rate on the National Council Licensure Examination for Registered Nurses (NCLEX—RN). This is the highest possible pass rate in the state and nation. The national NCLEX-RN 2009 pass rate for all types of RN programs including baccalaureate nursing programs, and all candidates, was 73%. Passing the exam is required for licensure as RNs, through the Idaho Board of Nursing.

- Grants
  - Idaho State University’s Energy Systems Technology and Education Center (ESTEC) will receive $1.5 million in renewable energy grants through the U.S. Department of Labor’s Green Jobs Program as authorized by the American Recovery and Reinvestment Act of 2009. The grants are part of the total $6 million awarded to the Idaho Department of Labor and its partners. Of that, a portion will be used to create and provide a nine-month renewable energy technician program.
  - ESTEC also received a $289,000 grant from the Battelle Energy Alliance, via the Department of Energy, to develop a Nuclear Operations program. The Idaho National Laboratory will be actively involved with planning and implementing the program.
  - Diesel - The Idaho State University Diesel/On-Site Power Generation Technology program will receive more than $130,000 in grant funding through the U.S. Department of Labor’s Green Jobs Program as authorized by the American Recovery and Reinvestment Act of 2009. The grant is part of the total $6 million awarded to the Idaho Department of Labor and its partners. The ISU Diesel/On-Site Power Generation Technology program will use grant funding to purchase a 2011 Kenworth Truck that contains the new TIER 4 2010 emission standards. In addition, the program will purchase the necessary diagnostic equipment for training purposes. Students, through the use of new state-of-the-art diesel
training systems, will enter the workforce with proficient knowledge about “clean power” technology.

- **Workload policy.** A new workload policy was developed and successfully vetted in the College of Technology. A Workload Committee was organized to develop the policy for the College in response to the newly adopted ISU policy. The purpose of the policy was to more clearly define workload assignments for duties and responsibilities assigned to faculty in the College of Technology. Two methods for calculating workload were identified for the College of Technology: one based on student instructional hours (SIH); the other, on equivalency units. These methods were developed in response to the diverse instructional environment in the College. Assignments are based on the structure of the program and the number of hours faculty are engaged in teaching each week.

- **Online Classes and Conferences.** The College purchased a multi-year license for Elluminate to expand the number of classes taught online. Elluminate is a synchronous and asynchronous web-based program that allows students to interact in a conference mode in lieu of the traditional classroom. The College is gradually shifting from the two way audio/video delivery system to an online format. The cost savings are significant compared to the traditional distance learning classes. We are also using online conferencing/meeting software in the Workforce Development Office.

**Eli M Oboler Library**

- Eli M. Oboler Library purchased *Early English Books Online* this last year. Using research overhead funds set aside for research materials, the library was able to take advantage of a unique purchasing opportunity to obtain continuing access to this collection of all books published in England from 1473 to 1700, over 100,000 titles. Including such works as Shakespeare’s First folio, and Newton’s *Principia*, this resource will be used by the departments of the humanities, such as English and History, as well as those interested in the history of science and medicine. The database includes high-resolution images of these works so that users can see the printing detail.

**Graduate School**

- On March 15, 2010, there were a total of 333 additional new applications to Graduate School for Fall semester as compared to March 16, 2009.

- For Fall 2009, the total number of graduate Student Credit Hours and Full Time Equivalent (FTE) produced at Idaho State University was greater than either Boise State University or University of Idaho.

- For Fall 2009, the number of applications to Graduate School had increased 53.48% over Fall 2006. During that same time period, total graduate enrollment had increased by 9.97%, and graduate non-resident enrollment had increased by 35.29%. Doctoral enrollment by fiscal year during this time period increased by 13.52%.

- The Graduate Student Academic Accommodation (Leave) Policy was approved by the Idaho State University Council of Deans and the Provost and Vice President for
Academic Affairs during the Spring 2010 semester. This policy is a faculty generated initiative that was begun independently by the Graduate Council and the College of Arts and Sciences in Fall 2006 and then with combined efforts produced the submitted and approved policy.

- The Graduate School has overhauled and revamped its admissions process to comply with Banner requirements, and as a result, the Graduate School now maintains an “incomplete application” database and can generate a spreadsheet for use by departments in evaluation and recruitment. The new process also provides departments with specific demographic information for their use in internal and external reports.

- The Graduate Assistant Teaching Experience (GATE) Assistantships had its inaugural class beginning in Fall 2009. This program is designed to address issues surrounding preparing future faculty.

**ISU-Idaho Falls**

- **Enrollment**
  - Record Fall Enrollment 2009 end of term 2625
    - Most of the enrollment gain was in the freshman class
    - 50% of students continue to be full time
    - Undergraduate students 2291, Graduate students 313
    - Total Credit hour generation was 17,038
    - Based on Spring 2010 tenth day, the number of new students age 18 and under doubled from 157 to 337 (7% to 15% of the student population).

- **Testing Center**-implemented to facilitate secure testing environment for all televised classes offered in Idaho Falls
  - 45 stations (12 with computer access), operates 8 am to 8 pm Monday through Thursday and 8 am to 5 pm on Friday, over 800 students served Fall Semester 2009

- **Idaho Falls Minors, Mayor’s, and Graduate School Fair**
  - 17 students attended the event, 40 departments participated, corporate sponsorship provided by Pinnacle Security Systems, volunteers from Idaho Falls Student Organizations (SAB-IF, ALMAS, Chemistry Club, and Veterans Club) assisted with the event

- **Diversity**
  - Seventh year of “Celebrate Your Future” (300 area minority junior high and high school students and their counselors came to the Center for a morning program of demonstrations, information about careers, prizes, lunch and exposure to some of the many possibilities of higher education)
  - Growth of ALMAS (Association of Latinos Motivating Others to Succeed)
    - Increased from 12 to 36 members, filled a semi-truck with supplies for the people of Haiti, volunteered to help with “Celebrate Your Future”
• Engineering in Idaho Falls
  o All Engineering Degrees brought to Idaho Falls (Civil Engineering, Electrical Engineering, Mechanical Engineering, Computer Science and Nuclear Engineering)

ISU-Meridian
• ISU-Meridian HSC occupancy August 2009 as a consequence of an $13,475,671 ISU/Dept. of Public Works renovation/construction project, increasing leased space from approximately 60,000 sq. ft. to 105,000 sq. ft. of permanent space purchased in December 2007 for $5.2 million for the consolidation and relocation of existing programs and offering of the 4-year Pharmacy degree (L.S. Skaggs Pharmacy Complex- $5 million donation).
• Together with Presidents’ Advisory Council members, the Meridian Mayor’s Office, and the ISU Foundation, ISU-Meridian HSC leadership generated funding for a $100,000 Strategic Communications Plan to market ISU in the Treasure Valley and brand THE CORE, a Meridian-based Health, Research, and Technology Business Enterprise Corridor, for which ISU is the educational anchor. THE CORE became a 501c6 organization in December 2009, and Dean and the Mayor are ex-officio members of the Executive Board of Directors on this Idaho Coalition for Innovation partnership aimed at driving sustainable economic growth in the NW.
• Finalized the ISU/Saint Alphonsus Regional Medical Center Human Simulation Lab and Outreach Simulation Education Agreement (3-year, $300,000 contract); another key training partner is LifeFlight Network.
• Secured Prometric Test Center, area sponsor for examinations such as the GRE, MCAT, American Dental Association, American Nurses Credentialing Center, etc., at ISU-Meridian HSC ($7,000 monthly revenue)

Idaho Museum of Natural History
• AAM progress report outlining successful reorganization efforts. We expect positive response with conditional accreditation granted.
• Move of Herbarium from the fourth floor to the second adjacent to our exhibit galleries. This answers the single remaining critique in our AAM review for achieving accreditation.
• Hire of new professional staff this year in line with AAM admonishment to reorganize to protect core functions of collections management and research and education programs.
• IGO grant through IMLS (200K) to produce geology education programming for K-12 students in Idaho.
• Creation of three new classrooms/training labs for research and educational programming.
• Creation of State Paleontology Office with paleontology repository.
• Restoration of MUSE prefix courses, expanded offerings to reflect creation of a certificate in Museum Studies in concert with Federal and Tribal internships.
• Remodel of exhibit galleries to open Fall semester 2010.
• Submittal of about $3 million dollars in grant proposals to fuel expansion of Museum collections management, research and educational programming.

Office of Institutional Research

• Developed a three-year strategic plan
• Began writing the SQL code for all the university’s federal, state, and other external reports.
• Assumed responsibility for maintaining all faculty data in the Banner ERP system
• Administered the NSSE survey and other campus surveys
• Assisted with the Banner ERP implementation
• Completed numerous data-driven projects for the university community
• Started the Business Intelligence Project
• Received a commendation from the NWCCU