

MINUTES OF MEETING  
UTAH STATE BOARD OF REGENTS  
BOARD OFFICES, SALT LAKE CITY, UTAH  
DECEMBER 11, 2003

Regents Present      Regents Excused

Nolan E. Karras, Chair

E. George Mantes, Vice Chair

Linnea S. Barney

Daryl C. Barrett

Bonnie Jean Beesley

Kim R. Burningham

William Edwards

David J. Grant

James S. Jardine

Michael R. Jensen

Charles E. Johnson

David J. Jordan

David L. Maher

Sara V. Sinclair

Marlon O. Snow

Maria Sweeten

Jerry C. Atkin

Jed H. Pitcher

Office of the Commissioner

Richard E. Kendell, Commissioner

David Buhler, Associate Commissioner for Public Affairs

Don A. Carpenter, Executive Assistant

Joyce Cottrell, Executive Secretary

Kimberly Henrie, Budget Analyst

Brad Mortensen, Assistant Commissioner for Finance and Facilities

Chalmers Gail Norris, Associate Commissioner for Student Financial Aid

Phyllis C. Safman, Assistant Commissioner for Academic Affairs

Mark H. Spencer, Associate Commissioner for Finance and Facilities

Deanna D. Winn, Associate Commissioner for Academic Affairs

Gary S. Wixom, Assistant Commissioner for Applied Technology Education and Special Projects

INSTITUTIONAL REPRESENTATIVES

University of Utah

A. Lorris Betz, Senior Vice President for Health Sciences/Dean, School of Medicine

David W. Pershing, Senior Vice President for Academic Affairs

Paul Brinkman, Associate Vice President for Budget and Planning

Fred C. Esplin, Vice President for University Relations

John G. Francis, Associate Vice President for Academic Affairs

Nancy Lyon, Assistant Vice President for Governmental Affairs

Laura Snow, Special Assistant to the President and Secretary of the University

Kimberly Wirthlin, Assistant Vice President for Health Sciences

Utah State University

Kermit L. Hall, President  
Fred R. Hunsaker, Vice President for Administrative Services  
Richard W. Jacobs, Budget Director  
Sydney Peterson, Assistant Provost  
Kevin C. Womack, Associate Vice President for Administrative Services

Weber State University

F. Ann Millner, President  
Donna J. Lister (WSU/SUU), Nursing  
Kathleen Lukken, Provost  
Norman C. Tarbox, Jr., Vice President of Administrative Services

Southern Utah University

Steven D. Bennion, President  
Abe Harraf, Provost

Snow College

Michael T. Benson, President  
Bradley A. Winn, Provost

Dixie State College

Robert C. Huddleston, President  
Phil Alletto, Vice President for Student Services  
Carole Grady, Assistant Professor of Nursing  
Joe Peterson, Academic Vice President  
Stanley J. Plewe, Vice President of College Services

College of Eastern Utah

Ryan L. Thomas, President

Utah Valley State College

William A. Sederburg, President  
Brad Cook, Vice President of Academic Affairs  
Cameron Martin, Assistant to the President  
Val Peterson, Vice President of Administration and External Affairs  
J. Karl Worthington, Associate Academic Vice President

Salt Lake Community College

Judd D. Morgan, Interim President  
Julie Curtis, Assistant to the Academic Vice President  
Donald L. Porter, Vice President of Business Services  
David Richardson, Vice President of Academic Services  
Trenton Kemp, Student Body President

Utah College of Applied Technology  
Gregory G. Fitch, President  
Linda Fife, Vice President for Academic and Student Services

Representatives of the Press  
Shinika A. Sykes, *Salt Lake Tribune*  
Stephen Speckman, *Deseret Morning News*

Others  
Race Davies, Governor's Office of Planning and Budget  
Boyd Garriott, Office of the Legislative Fiscal Analyst  
Debbie Headden, Office of the Legislative Fiscal Analyst  
Eric C. Isom, Utah State Senate  
Kenneth E. Nye, Program Director, Capitol Development, DFCM  
Kevin Walthers, Office of the Legislative Fiscal Analyst

Chair Nolan Karras called the meeting to order at 1:00 p.m. He welcomed Dr. Darrell White, recently appointed the Governor's Deputy for Education. Chair Karras excused Regent Atkin and Regent Pitcher and said Regent Sinclair had been present for an earlier meeting but became ill and went home.

#### PRESENTATION BY GOVERNOR OLENE S. WALKER

Commissioner Kendell escorted Governor Walker into the room, where she was greeted with warm applause. Governor Walker said she appreciated the opportunity to visit with the Regents, Presidents and others in higher education. She announced that she was not proposing any cuts in higher education. In keeping with her focus on education, Governor Walker said she would be proposing a four percent increase in state funding for higher education for FY2005 – \$39 million of new money, \$25 million of new state money, and \$14 million from tuition. This includes \$26 for a compensation increase.

The Governor said she was delighted that the economy appears to be turning around; however, there are still some very difficult decisions to be made. Utah's focus must clearly be on education. She complimented the Regents on the USHE Engineering Initiative. Her budget recommendation will include \$1.5 for the Engineering Initiative, which she expects higher education to match. Already there has been a 23 percent increase in bachelor's degrees awarded in the areas of engineering, math and computer science. Governor Walker said she would be proposing \$750,000 for other initiatives and that she hoped some could go to the Nursing Initiative.

The Governor said the Walker Work Plan, which contains two challenges for higher education, consists of four things: (1) The initiatives must be good for the citizens of the State of Utah. (2) They must be initiatives or issues which can be accomplished in 400 days. (3) The goals cannot be based on money. (4) They must be things about which Governor Walker feels passionate. Her challenges:

1. Governor Walker said she was asking the research universities and the other USHE institutions to work closely together with the business and professional community to partner in getting research grants. Higher Education is the engine which drives economic development. She asked the Regents to report back to her on September 1 on what had been accomplished in this area.

2. In connection with the idea of focusing on competency-based education, Governor Walker said we must make certain that the students entering the colleges or universities are prepared for higher education-level work. She asked the Regents to develop a self-supporting program by June 1, 2004 for remedial classes to assist high school graduates who are not ready to do college-level work. These must be stand-alone centers with the authority to hire whoever is needed (retired public school teachers, for example) and the freedom to do whatever is necessary to prepare the students for college. She challenged the Regents to be ready by Fall 2004.

Governor Walker said she realized these were big challenges, but they will make a difference. Parents and students in public schools must also realize that high school must count. Statistics show that two-thirds of the students in remedial classes are recent high school graduates; one-fourth of them need help in composition, and three-fourths need help in mathematics. Everyone in public education (K-12 and higher education) has a responsibility to provide a good education, and public schools have a responsibility to prepare students for college. The centers must also provide for non-traditional students who are returning to school for vocational training or education. The cost must not be prohibitive to these individuals, either.

Governor Walker said in the 1990s, 17,000 new students entered the public education system. In the next decade, there will be 145,000 new students entering the public education (K-12) system. They will be in the higher education system in the near future, and we must be prepared. We have a great challenge in Utah in that we have more youth 18 years of age and under than anywhere else in the country. Our opportunity is to train a highly qualified workforce to support a strong economy. The Governor acknowledged that it would not be easy to maintain the proposed budget with the Legislature, and she urged the Legislature to realize the importance of public and higher education and to find ways to fund these proposals.

Governor Walker offered to respond to questions. Regent Johnson commended the Governor for addressing the needs of higher education. He asked about her proposal for a self-supporting remedial center. Will the students pay? Governor Walker replied that the students will pay, but the Regents have the obligation to make it affordable. She suggested that remedial classes do not require Ph.D. faculty to teach them. Regent Johnson pointed out that most of the students who require remedial education are less able to afford it. Governor Walker said she would leave it up to the institutions and the Regents to work out the details.

Chair Karras told the Governor that the Regents had formed a Research and Economic Development Committee to address the first challenge. The committee is chaired by Regent Daryl Barrett. The Academic, Applied Technology and Student Success Committee, chaired by Regent Jim Jardine, will take the initiative for the remedial centers. Chair Karras noted that \$485 million is brought into the state every year in research grants. Projections show that we will have 30,000 FTE additional students in the higher education system in the next ten years, in addition to the 145,000 students who will be coming into the public education system.

Regent Grant asked about plans to restructure the tax system. Will the Governor propose doing anything about removing constraints so that more money can go to higher education? Governor Walker said, "Everything is on the table." Tax reform is a difficult process, and she has set an August 1 deadline for its completion.

Assistant Commissioner Safman commended the Governor for her pro-active approach and thanked her for her support of education. She pointed out that K-12 and higher education work closely together. Individuals from both education systems are currently working with high school and college math and writing teachers to identify assessments and how to change the teaching methods so that the students are prepared for college when they leave high school. They are now looking for funding so that the need for remedial education will not be permanent.

Governor Walker commended higher education and public education for working more closely together now than at any time in the past 30 years. She thanked the Regents for allowing her to introduce her initiatives during the Board meeting and wished them luck in meeting these hard challenges.

#### Announcement of Interim President at the University of Utah

Chair Karras announced that Dr. A. Lorris Betz, Senior Vice President for Health Sciences, had been appointed Interim President of the University of Utah, effective January 1, 2004. Chair Karras thanked Dr. Betz and Senior Vice President Pershing for their efforts in making the transition work smoothly.

The Regents recessed to committees at 1:30 p.m.

#### COMMITTEE OF THE WHOLE

Following meetings of the Board Committees, the meeting of the Committee of the Whole was reconvened at 3:00 p.m. Chair Karras asked the Regents to let Secretary Cottrell know of their measurements for the new academic regalia if they had not already done so.

#### Recognitions

Snow. Vice Chair Mantes recognized President Mike Benson and the Snow College Badgers, who won the Golden Isles Bowl in Georgia. Regent Mantes, who accompanied the group, said the game was won in overtime. Everyone applauded President Benson and his athletes. Chair Karras congratulated President Benson and asked him to convey the Board's congratulations to the team and coaches. President Benson thanked Vice Chair Mantes for accompanying the team to Georgia. He noted that Dixie State College had also

played for a national championship and that Utah was the only state to have two teams in the top five. He congratulated President Huddleston and the Dixie Rebels.

Dixie. President Huddleston said Dixie's women's soccer program had won the national championship, and his wife, who coached the team, was named Coach of the Year. Chair Karras congratulated President and Mrs. Huddleston and said for a volunteer coach to lead a team to win the national championship was very rare. He asked that a letter of commendation be sent to Mrs. Huddleston, along with a bouquet of flowers from the Regents and Presidents.

#### UCAMHE – REPORT ON BARRIERS TO HIGHER EDUCATION FOR MINORITIES

Chair Karras said he had first discussed a report to the Board with Sam Curley, President of the Utah Coalition for the Advancement of Minorities in Higher Education (UCAMHE). The presentation was given by Kate Maxwell-Stephens, UCAMHE President-Elect.

Ms. Maxwell-Stephens reported that the Coalition was comprised of public and private institutions of higher education. The organization's goal is to increase the number of students of color attending and graduating from Utah's higher education institutions. Their goals are to increase access by ensuring adequate preparation for college-level work, to increase retention by better data collection and recording, to increase financial aid, to stress the need for better teacher preparation programs for K-12 schools, and to recruit students of color as well as faculty and staff. She noted that the University of Utah has a diversity requirement which is an effective asset to the institution in encouraging the general public to become more aware of Utah's diverse population. She thanked former Commissioner Foxley for her support of UCAMHE and the Board of Regents for supplying scholarship funding. She also thanked Commissioner Kendell for attending the UCAMHE Scholarship Luncheon at Salt Lake Community College in November.

President Benson said the *Chronicle of Higher Education* had published a cover story entitled, "Is Higher Education Ready for an Increasing Latino Population?" This is becoming an issue at Snow College with an increasing Hispanic population. Ms. Maxwell-Stephens said Utah has a 15 percent minority population, with a 7.9 percent minority enrollment in our colleges and universities.

Regent Beesley thanked Ms. Maxwell-Stephens for the UCAMHE report. Utah has a number of needy students who would not qualify for funding. She asked what the residency factors were for qualifying for financial aid. Associate Commissioner Norris said an applicant must be a citizen or a permanent resident of the United States to qualify for the federal program. Ms. Maxwell-Stephens said very few scholarships are available. Many students have lost their funding, and others are not aware of the opportunities available to them. Junior high school students are not familiar with a college track, nor what is expected of them if they wish to pursue a college education.

Regent Burningham said the need of minority students is of paramount importance to the State Board of Education. A strategic plan has been identified with one goal dealing exclusively with this area. Regarding the statement in the report regarding failure to do adequate reporting, Regent Burningham responded that new

efforts to improve the quality of reporting in public education had just been implemented in November. The program is now online with 40 million lines of evidence. He agreed with the need and said the system is moving in the right direction.

Regent Sweeten offered to work with Commissioner Kendell to make sure that diversity becomes one of the Board's priorities. Commissioner Kendell said he had worked with Regent Sweeten on a new high-tech high school. In the first class, 35 percent of the students were of color, moving toward an engineering degree. The issue of diversity is being addressed by most of the national professional associations. He said it was his intention to put together an action plan to define short-term and long-term goals. Regent Sweeten suggested that the Board partner with UCAMHE to present this message to the Legislature. Commissioner Kendell asked Associate Commissioner Norris if UtahMentor had a Spanish version. Mr. Norris said it did not, but the section entitled "Mapping Your Future" does include a Spanish component.

Regent Johnson said he had heard that the Legislature was considering a program for 100 scholarships for minorities. Vice Chair Mantes said a bill had been drafted which would not add new funding but would require the USHE to set aside up to 500 tuition waivers each year. We are suggesting a fiscal note to open up additional funding for UCOPE.

Chair Karras said concern had been expressed by the minority population during the SLCC presidential search process. He referred to the report on financial aid in Tab I and asked Associate Commissioner Norris to discuss the report.

UHEAA – Role of Student Financial Aid in Access to Higher Education (Tab I). Associate Commissioner Norris referred to the "Lumina Foundation Focus" in the Regents' folders, which highlights the critical need for access. In response to questions raised by Regent Beesley in the last Board meeting, Mr. Norris reported that roughly half of the USHE students qualify for financial aid. We need more research to provide more accurate data. After offsetting UHEAA scholarships and the set-aside of one-half percent from the second- and third-tier tuition, we still need in excess of \$8 million to avoid losing purchasing power next year, assuming an average total tuition increase of nine percent. Associate Commissioner Norris pointed out that Governor Walker's budget request contains no mention of student aid. When tuition is increased, students have to increase their debt. There are loan limits to the amounts they can borrow, and individuals should not borrow more than they can afford to repay.

Regent Beesley thanked Associate Commissioner Norris and Commissioner Kendell for preparing the report on this important issue and asked the following follow-up questions:

1. There are limits to meaningful assistance of loans, particularly in the students' ability to repay the loans. In preparation for the Legislature, could we develop information on a systemwide basis about how much more students would have to finance to pay the cost of increased tuition and fees, and how much would be needed in grants to keep the amount of borrowing manageable for repayment after graduation?

2. What would be the effect of differential pricing on access? Ability to repay varies by major and profession, additionally. Different programs have different costs to the institutions. The students taking less expensive courses are subsidizing those students in higher cost programs. Students in certain degree programs (Education, for example) may not be able to repay the same amount of loans if they are employed in their chosen fields. Should our financial aid system take these factors into account?

Associate Commissioner Norris asked if Regent Beesley meant differential tuition at the undergraduate level. With adequate financial aid, the students could handle tuition in the fields they want to study. He said he would do the research and then discuss the pros and cons of differential tuition.

Regent Maher referred to an article in the *US News and World Report* about a recent CNN money survey about state colleges and universities. Adjusting for inflation, the average tuition increase was 13 percent nationally. Utah has been economically mindful of managing higher education in a low-cost manner. Utah was in the ten lowest publicly funded schools in dollar tuition per student. The survey also indicated that 60 percent of undergraduates were receiving some form of financial aid. That trend is increasing as tuition increases.

President Morgan commented on the importance of counselors in access and retention. The Legislature does not appear to see counselors and advisors as critically important. We need people to explain financial aid, how to get into school, and how to get past the barriers identified in the UCAMHE report.

Chair Karras thanked Ms. Maxwell-Stephens for her report and asked her to express the Board's appreciation to the UCAMHE organization.

## REPORTS OF BOARD COMMITTEES

### Academic, Applied Technology and Student Success Committee

Chair Jardine said Tabs A and B were proposals from Southern Utah University and Dixie State College regarding the shortage of nurses and nurse educators in southern Utah. Weber State University has been providing the nursing program in southern Utah. Dixie has proposed a 2+2 program, and SUU has proposed its own baccalaureate program, which is distinct from a 2+2 program. He explained that the 2+2 1 program was aimed at students who wish to enter the nursing marketplace after two years of preparation with the option of returning later for the BSN Degree. In a Bachelor's Degree program the first two years are primarily general education, with the practical training received in the last two years. This would be a shift for SUU.

These proposals were presented to the Program Review Committee (PRC) last spring. Members of the PRC went to southern Utah to identify the need and to meet with the community. The PRC struggled with the idea of having two bachelor's programs in southern Utah. They also could clearly see the need. In July representatives of the Utah Nursing Forum attended a Board meeting and made a presentation. At the end of this process, the Program Review Committee was still struggling with these issues.

The Commissioner's Office requested reports from two consultants, both of which were distributed to the Regents. Some of their conclusions provided answers and others raised questions.

Southern Utah University – Bachelor's Degree in Nursing (Tab A). Chair Jardine said the PRC had considered the simple approach of transferring WSU's 2+2 program to SUU. There were discussions about whether SUU could achieve critical mass with the quality of the program as well as its financial viability. The PRC received helpful input from Weber State University. The proposal was adjusted in committee to include a transition plan to take care of the students currently in the 2+2 program and allow them to complete that program. Currently, students cannot transfer from a 2+2 to a BSN program without complications.

Secondly, the committee recommended that the Board authorize the bachelor's program proposed by SUU to begin in the fall of 2005, assuming the University can meet the conditions set forth in Replacement Tab A, page 2. The committee recommended approval of the program with conditions, and an effective date of Fall Semester 2005. **Chair Jardine moved approval of the program, with the above conditions. The motion was seconded by Regent Barrett.**

President Bennion expressed his appreciation to the PRC for their hard work and long hours on this effort. He also expressed appreciation to the Commissioner and his staff for their efforts.

Chair Jardine said one of the SUU Trustees had promised that if there was a shortfall, he would personally make up the difference. He encouraged President Bennion to get that commitment in writing. Regent Barrett commended both SUU and Dixie for their cooperative work in implementing two complementary programs in southern Utah. Chair Karras said he appreciated the work of the PRC and the Academic Committee. **Vote was taken on the motion, which carried.**

Dixie State College – Bachelor of Science Degree in Nursing (Tab B). Chair Jardine said the committee had looked at the issues and the critical need for nurses in St. George, an area which is growing rapidly in numbers. Demographics suggest that there will be very high demand for this program, and evidence shows that there will be students to meet this demand. The committee was also satisfied with Dixie's preparations for this program. A Ph.D. nursing administrator is already on campus. The committee was also satisfied with the funding and recommended approval of the program. **Chair Jardine moved approval of Dixie's proposal. The motion was seconded by Regent Barrett and carried.** President Huddleston expressed appreciation to Regent Jardine and the PRC Committee for the time they took to work out a good solution to these proposals.

Academic, Applied Technology and Student Success Committee Consent Calendar (Tab C). **Chair Jardine moved approval of SUU's proposal to reinstate a Minor in Finance. The motion was seconded by Regent Jensen and carried.**

Revisions to Policy R401, Approval of New Programs, Program Changes, and Discontinued Programs (Tab D). Chair Jardine said amendments to this policy will be proposed and discussed with the Chief Academic Officers (CAOs). He asked that comments be directed to Associate Commissioner Winn.

Finance, Facilities and Accountability Committee

Chair Karras chaired the committee in the absence of Committee Chair Pitcher and Vice Chair Atkin. He reviewed the committee discussion.

Salary Equity Study (Tab G). Chair Karras said the Salary Equity Study indicated we are falling behind as a result of the freeze on salaries. The committee had a good discussion about determining numbers and how fair they are. Chair Karras said he appreciated the report.

Utah Valley State College – Baseball Stadium (Tab J). The proposed baseball stadium at UVSC was approved previously, and this item was for information only. The College has received \$2.7 million in donations to pay for a \$3+ million stadium.

Salt Lake Community College – “Itineris” New Century High School (Tab K). Chair Karras referred to Tab K and said this new high school would be administered in cooperation with Salt Lake Community College. This will be the third such school in the state. Six schools are planned with higher education partners in each instance. The Governor’s proposal calls for five New Century High Schools initially.

Finance, Facilities and Accountability Committee Consent Calendar (Tab E). **On motion by Chair Karras and second by Regent Grant, the following items were approved on the committee’s Consent Calendar:**

- A. OCHE – Monthly Investment Report
- B. UofU and USU – Capital Facilities Delegation Reports

Report of the Chair

Impact of the Governor’s message on the USHE Budget Request. Chair Karras pointed out that Governor Walker’s budget proposal included tuition revenues, while the Regents’ proposal did not. Regent Barrett and her committee are working on raising awareness as a system on higher education’s contributions to the state’s economic development.

Regent Jardine said his committee learned that the Legislature had commissioned a study of duplication between UCAT degrees and what is being done in USHE institutions. The committee asked the Commissioner’s staff to meet with Debbie Headden and others to understand the issues so that we can respond to questions from the Legislature.

Gift for Former Commissioner Foxley. Chair Karras said he had sent a letter to current and former Regents, Presidents, and senior OCHE staff, asking if they would like to participate in a nice gift for Dr. Foxley. He thanked everyone for their generosity. In addition to a gift, which will be presented to her at the dinner this evening, enough money was contributed so that a \$1000 donation could also be made to the Vestil S. Harrison Scholarship Fund, which Dr. Foxley and her siblings endowed a few years ago on the occasion of their father’s 90<sup>th</sup> birthday. He thanked everyone for responding to his request so quickly.

### Report of the Commissioner

Meetings with Legislators. Commissioner Kendell said he and Associate Commissioner Buhler have been meeting with individual legislators about higher education issues. They have visited with Legislative Leadership of both the House and Senate in both parties. Each Regent and President received a letter asking them to identify legislators they know and would be willing to meet with to discuss pertinent issues. Those letters were in the folders and should be returned to Associate Commissioner Buhler. This is a shared role across the entire higher education community. Commissioner Kendell said he hoped to meet with the Board Executive Committee to strategize for the 2004 Legislative Session. They also hope to meet with Trustee chairs and vice chairs two or three times during the session. Weekly reports of legislative activities will be sent to all Regents and Presidents. Commissioner Kendell and Associate Commissioner Buhler will meet with institutional legislative liaisons twice weekly throughout the session. Commissioner Kendell said he welcomed everyone's involvement and ideas.

University of Utah Presidential Search. Commissioner Kendell reported that the search is going well, and the committee is very active. Regent Jardine, who chairs the search committee, said there were 21 committee members, making this the largest search committee in USHE history. All are dedicated individuals. The committee held several constituent meetings to receive input and retained a search consulting firm to assist them in the process. The search is moving along efficiently. Commissioner Kendell said he and the consultant, with committee input, were developing a publication which will be sent to all interested candidates. Advertising for the position will also be expanded.

Meetings on January 6. In response to a question by Regent Jensen, Commissioner Kendell said a meeting would be held on the morning of January 6 for the Board Executive Committee, Trustee chairs and vice chairs, and USHE Presidents. The discussion will focus on legislative strategies and audit committees. Regent Grant noted that the Regents' Audit Committee meets with the audit committee of one of the institutions at each Board meeting. The meeting earlier today was with the SLCC Audit Committee. The committee has met with the audit committees of three of the campuses so far, and this practice will continue.

### General Consent Calendar

**On motion by Regent Grant and second by Regent Jensen, the following items were approved on the General Consent Calendar (Tab M):**

1. Minutes – Minutes of the Regular Board of Regents Meeting held October 31, 2003, at Utah Valley State College in Orem, Utah.
2. Grant Proposals - Approval to submit the following proposals:
  - A. University of Utah – National Science Foundation; “Utah School of Stem Education;” \$17,135,026. Philip J. Smith, Principal Investigator.
  - B. University of Utah – Public Health Service, Center for Disease Control; “Occupational Safety

- and health Education and Research Training Grant;" \$5,579,944. Royce Moser, Jr., Principal Investigator.
- C. University of Utah – Public Health Service; "Markov Chain Monte Carlo Methods for Linkage Analysis;" \$2,626,676. Alun William Thomas, Principal Investigator.
  - D. University of Utah – Public Health Service; "Novel Treatments and Etiologies of Conotruncal Defects;" \$15,664,818. Robert E. Shaddy, Principal Investigator.
  - E. University of Utah – Public Health Service; "Genetics of Autism Intermediate Phenotypes;" \$2,042,584. Hilary H. Coon, Principal Investigator.
  - F. University of Utah – Public Health Service; "A Longitudinal Multimodal Neuroimaging Study of Autism;" \$3,034,920. Janet E. Lainhart, Principal Investigator.
  - G. University of Utah – Public Health Service, National Cancer Institute; "An Integrated Approach to Oncologic Imaging;" \$3,725,835. Dennis L. Parker, Principal Investigator.
  - H. University of Utah – Public Health Service; "Dual Process Intervention for Recently Bereaved Spouses;" \$2,916,035. Michael S. Caserta, Principal Investigator.
  - I. University of Utah – National Science Foundation; "NSF 02-186. PBI:Solanum: A Worldwide Treatment;" \$4,360,008. Lynn A. Bohs, Principal Investigator.
  - J. University of Utah – Public Health Service/Prime Flow through the University of Illinois/Chicago; "Chemotaxis Glue Grant Consortium;" \$4,761,521. John S. Parkinson, Principal Investigator.
  - K. University of Utah – National Science Foundation; "NSF03-2. Research Training in Mathematical and Computational Biology;" \$2,579,183. James P. Keener, Principal Investigator.
  - L. University of Utah – Public Health Service; "Utah Program on Aging and Cancer (UPAC);" \$3,609,836. Ken R. Smith, Principal Investigator.
  - M. University of Utah – US Environmental Protection Agency; "Southwest Center for Environmental Research and Policy;" \$2,500,000. George F. Hepner, Principal Investigator.
  - N. University of Utah – Public Health Service, National Center Research Resources; "The Gauss House: A Campus-wide Core Facility for High Field NMR;" \$3,783,855. Ronald J. Pugmire, Principal Investigator.

- O. University of Utah – Department of Education/Office of Science; “Multi-State Simulation of Nanostructures in Soft Matter;” \$4,627,759. Gregory A. Voth, Principal Investigator.
- P. University of Utah – Department of Defense/DARPA; “Thermoacoustic Direct Thermal to Electric Conversion;” \$3,815,451. Orest G. Symko, Principal Investigator.
- Q. University of Utah – HHS/National Institutes of Health; “Localization of Left Ventricular Dysfunction Using Hyperelastic Warping;” \$3,238,465. Jeffrey A. Weiss, Principal Investigator.
- R. University of Utah – National Science Foundation; “Collaborative Research: A Unified Experimental Environment for Diverse Network Technologies;” \$6,685,027. Frank J. Lepreau, Principal Investigator.
- S. University of Utah – HHS/National Institutes of Health; “Cancer Center Support Grant;” \$19,962,535. Stephen M. Prescott, Principal Investigator.
- T. University of Utah – HHS/National Institutes of Health; “Persistent Pain: Peripheral and CNS Mechanisms;” \$2,027,321. Alan R. Light, Principal Investigator.
- V. University of Utah – HHS/National Institutes of Health; “Nicotine Prevention for Native American Children;” \$4,617,885. Edward B. Clark, Principal Investigator.
- W. University of Utah – HHS/National Institutes of Health; “Genetic Basis of Morphological Changes Associated with Domestication;” \$2,135,070. Karl G. Lark, Principal Investigator.
- X. University of Utah – Public Health Service/NIBIB/Biomed Imag; “Biomechanics of the Semicircular Canals;” \$2,470,477. Richard D. Rabbitt, Principal Investigator.
- Y. University of Utah – Public Health Service; “Quantitative Diffusion Tensor Imaging in Autism;” \$2,170,955. Ross T. Whitaker, Principal Investigator.
- Z. University of Utah – Public Health Service; “Increasing Muscle Function in Cardio-Pulmonary Patients;” \$3,277,802. Paul C. Lastayo, Principal Investigator.
- AA. University of Utah – Department of Defense/U.S. Air Force; “Intuitive Audio-Visual Representation of Network Events to Improved Decision Making;” \$2,241,532. Stefano Foresti, Principal Investigator.
- BB. University of Utah – National Science Foundation; “A Peripheral Nerve, Intrafascicular Multielectrode Array;” \$3,456,214. Richard A. Normann, Principal Investigator.

- CC. University of Utah – National Science Foundation; “Carbon Dioxide Reduction Evaluation (Core) Center;” \$6,962,030. Taria Rai Peterson, Principal Investigator.
- DD. University of Utah – Public Health Service; “Behavioral Preparation for Treating Fibromyalgia;” \$3,115,477. Akiko Okifuji, Principal Investigator.
- EE. University of Utah – Public Health Service; “Eosinophils, Asthma, and Topical Anesthetics;” \$2,114,847. Gerald J. Gleich, Principal Investigator.
- FF. University of Utah – Public Health Service; “Optimal Volume Status of Dialysis Patients;” \$2,387,702. Goldfarb-Rumyantzev, Principal Investigator.
- GG. University of Utah – Public Health Service; “Cutaneous Measures of Diabetic Neuropathy;” \$2,007,869. A. Gordon Smith, Principal Investigator.
- HH. University of Utah – Public Health Service/National Institute of Child Health;” \$2,185,156. Steven L. Bealer, Principal Investigator.
- II. University of Utah – Public Health Service; “The Utah Study of Exceptional Familial Survival;” \$3,183,625. Richard A. Kerber, Principal Investigator.
- JJ. University of Utah – Huntsman Foundation; “Huntsman Cancer Institute FY 2003-2004;” \$20,000,000. Stephen M. Prescott, Principal Investigator.
- KK. University of Utah – Public Health Service; “The Feasibility of an Intraneural Auditory Prosthesis Stimulating Electrode Array;” \$3,748,673. Richard A. Normann, Principal Investigator.
- LL. University of Utah – Public Health Service/NIBIB/Biomed Imag/Enginer; “Data Display to Detect-Diagnose-Treat Critical Events;” \$4,287,334. Dwayne R. Westenskow, Principal Investigator.
- MM. University of Utah – Public Health Service/National Eye Institute; “University of Utah, Core Vision Research Grant;” \$2,038,575. Eric M. Lasater, Principal Investigator.
- NN. University of Utah – Department of Justice/Juvenile Justice & Delinquency Prevention; “Girls Study Group;” \$2,086,055. Karol L. Kumpfer, Principal Investigator.
- OO. University of Utah – Public Health Service; “CABA Agonists Improve Brain Function in Old Monkeys;” \$3,246,073. Audie G. Leventhal, Principal Investigator.
- PP. University of Utah – Public Health Service; “Pathological and Genetic Investigations in Childhood ALCL;” \$2,751,022. Megan S. Lim, Principal Investigator.

- QQ. University of Utah – Public Health Service/National Institutes of Health; “Pediatric Critical Care Scientist Development Program (PCCSDP);” \$3,551,105. J. Michael Dean, Principal Investigator.
- RR. University of Utah – Public Health Service/National Cancer Institute; “An Integrated Approach to Oncologic Imaging;” \$3,652,466. Dennis L. Parker, Principal Investigator.
- SS. University of Utah – US Department of Energy/Golden Colorado Support Office; “Functionally Designed Cellular Composites for Nanocrystalline Metal Hydrides and Overall Kinetic Modeling of Hydrogen Storage Process;” \$2,296,563. Z. Zak Fang, Principal Investigator.
- TT. University of Utah – Public Health Service/National Institute of Nursing Research; “Education and Support for Older Adult Cancer Survivors;” \$2,04,983. Susan L. Beck, Principal Investigator.
- UU. University of Utah – US Department of Defense/Army/Army Reserve Office (ARO); “A Novel Multi-Scale Approach for Hybrid Bio-Mechanical Systems;” \$3,924,375. Gregory A. Voth, Principal Investigator.
- VV. University of Utah – National Science Foundation; “Research Training Group in Mathematical and Computational Biology;” \$2,383,165. James P. Keener, Principal Investigator.
- WW. University of Utah – National Institutes of Health; “Genetic Diversity, Functional Genomics and Gene Networks;” \$3,273,583. Jean-Marc Lalouel, Principal Investigator.
- XX. Utah State University – U.S. Air Force Research Laboratory at Hanscom Air Force Base; “Response to FY02 AFRL/VS BAA Area (6) Tactical Environment Support Category (6)a Atmospheric Categorization;” \$2,297,544. Ron Huppi, Principal Investigator.
- YY. Utah State University – National Institutes of Health; “Mechanistic Studies on Fe(II)-Dependent Methionyl Aminopeptidases;” \$1,416,032. Richard C. Holz, Principal Investigator.
- ZZ. Utah State University – Northrop Grumman Electronic Systems; “Internal Calibration Unit (ICU);” \$7,847,509. Joe Tansock, Principal Investigator.
- AAA. Utah State University – US Department of Defense/Missile Defense Agency; “RAMOS Task Order 12;” \$4,887,366. Thomas Humpherys, Principal Investigator.

BBB. Utah State University – Northrop Grumman; “Space-Based Space Surveillance;” \$18,156,216. Robert E. Anderson, Principal Investigator.

CCC. Utah State University – Northrop Grumman; “Space-Based Space Surveillance;” \$6,518,667. Robert E. Anderson, Principal Investigator.

3. Grants Awarded

A. University of Utah – Lawrence Livermore National Laboratory; “Center for Simulation of Accidental Fires and Explosions (C-SAFE);” \$3,000,126. David W. Pershing, Principal Investigator.

B. University of Utah – US Environmental Protection Agency; “Southwest Center for Environmental Research and Policy;” \$2,335,400. George F. Hepner, Principal Investigator.

C. University of Utah – Huntsman Foundation; “Huntsman Cancer Institute FY 2003-2004;” \$10,000,000. Stephen M. Prescott, Principal Investigator.

D. University of Utah – National Heart Lung & Blood Institute; “Genetics and Consequence of Nicotine Addiction. CFDA 93.838;” \$2,066,353. John R. Hoidal, Principal Investigator.

E. University of Utah – National Science Foundation; “Development of a Web-Based Grid Computing Environment for Research and Education in Computational Science and Engineering;” \$3,200,000. Thanh N. Truong, Principal Investigator.

F. University of Utah – National Cancer Institute; “Molecular and Clinical Approaches to Colon Cancer Precursors;” \$2,444,860. Randall W. Burt, Principal Investigator.

G. Utah State University – NASA Langley Research Center; “Geostationary Imaging Fourier Transform Spectrometer (GIFTS);” \$3,958,815. Gail Bingham, Principal Investigator.

4. Executive Session(s) — Approval to hold an executive session or sessions prior to or in connection with the meetings of the State Board of Regents to be held January 16, 2004 at the Davis Applied Technology College in Kaysville, Utah to consider property transactions, personnel issues, litigation, and such other matters permitted by the Utah Open and Public Meetings Act.

Appreciation

Chair Karras acknowledged the presence of USU Vice President Fred Hunsaker and said this was his last day of work. He thanked him for his many years of service. Mr. Hunsaker thanked everyone for their support through the years. Chair Karras said he was very pleased with the good start made by Commissioner

Kendell and was convinced even more that the Board had made the right selection. He wished everyone a happy holiday season.

Adjournment

The meeting was adjourned at 4:07 p.m.

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Joyce Cottrell CPS  
Executive Secretary

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Date Approved