

MINUTES OF MEETING
UTAH STATE BOARD OF REGENTS
BOARD OF REGENTS' OFFICES, SALT LAKE CITY, UTAH
APRIL 16, 2004

Regents Present

E. George Mantes, Vice Chair
Jerry C. Atkin
Linnea S. Barney
Daryl C. Barrett
Bonnie Jean Beesley
Kim R. Burningham
William Edwards
David J. Grant
Michael R. Jensen
David J. Jordan
David L. Maher
Jed H. Pitcher
Maria Sweeten

Regents Excused

Nolan E. Karras, Chair
James S. Jardine
Charles E. Johnson
David L. Maher
Sara V. Sinclair
Marlon O. Snow

Office of the Commissioner

Richard E. Kendell, Commissioner
Don A. Carpenter, Executive Assistant
Joyce Cottrell, Executive Secretary
Richard Davis, Deputy Executive Director, Loan Purchase Program
Jerry H. Fullmer, Director of Information Systems
Kimberly Henrie, Budget Analyst
Brad Mortensen, Assistant Commissioner for Finance and Facilities
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, Interim President
David W. Pershing, Senior Vice President for Academic Affairs
Paul T. Brinkman, Associate Vice President for Budget and Planning
David Chapman, Dean of The Graduate School
Laura Snow, Special Assistant to the President

Utah State University

Ron Godfrey, Vice President for Business and Finance
Richard W. Jacobs, Budget Director
Tom Kent, Dean of The Graduate School
Brent C. Miller, Vice President for Research

Clinton G. Moffitt, Controller
Sydney M. Peterson, Assistant Provost

Weber State University
F. Ann Millner, President
Kathleen Lukken, Interim Provost
Norman C. Tarbox, Jr., Vice President of Administrative Services

Southern Utah University
Steven D. Bennion, President

Snow College
Michael T. Benson, President

Dixie State College
Robert C. Huddleston, President

College of Eastern Utah
Ryan L. Thomas, President

Utah Valley State College
William A. Sederburg, President
J. Karl Worthington, Associate Academic Vice President

Salt Lake Community College
Judd D. Morgan, Interim President
Julie Curtis, Assistant to the Academic Vice President
Rand A. Johnson, Executive Assistant to the President
David Richardson, Vice President of Academic Services

Utah College of Applied Technology
Gregory G. Fitch, President
Linda Fife, Vice President for Academic and Student Services and Campus President, Salt Lake-Tooele ATC

Representatives of the Press
Shinika A. Sykes, *Salt Lake Tribune*
Stephen Speckman, *Deseret Morning News*
Amy K. Stewart, *Standard-Examiner*

Others
Carl Empey, Zions Bank Public Finance
Boyd Garriott, Office of the Legislative Fiscal Analyst

John Massey, Legislative Fiscal Analyst
Kent Michie, Zions Bank Public Finance
David Moon, Technology Initiative Advisory Board
Kelly Murdock, Wells Fargo Public Finance
Rob Timmerman, Utah Public Employees Association
Blake Wade, Ballard Spahr
Kevin Walthers, Office of the Legislative Fiscal Analyst
Darrell White, Governor's Deputy for Education

Vice Chair George Mantes called the meeting of the Committee of the Whole to order at 9:10 a.m. He excused Chair Karras and Regents Jardine, Johnson, Maher, Sinclair and Snow. He encouraged the Regents to remain for the entire day so that a quorum could be maintained. The Regents were excused to their committee meetings at 9:15 a.m.

Following meetings of the Board committees and luncheon meetings, the Committee of the Whole reconvened at 1:20 p.m.

ENGINEERING, COMPUTER SCIENCE AND TECHNOLOGY INITIATIVE 2004-2005
FUNDING RECOMMENDATION FROM THE TECHNOLOGY INITIATIVE ADVISORY BOARD

Commissioner Kendell introduced David Moon, who had been asked by John Sutherland to present the recommendations of the Technology Initiative Advisory Board (TIAB). Those recommendations were shown on page 2 of the Commissioner's cover letter to Tab R. The TIAB's proposal included matching dollars from the institutions. The board recommended that the funding be used in the institutions' highest priority areas to increase the capacity and number of graduates. Regent Jensen and President Benson expressed their appreciation for the funding recommendations given to the smaller schools for transfer students. **Regent Jensen moved approval of the TIAB's proposed recommendations. The motion was seconded by Regent Barrett and carried.**

FUNDING OF GRADUATE EDUCATION

Commissioner Kendell reminded the Regents that a need for strong graduate programs had been expressed in one of the workshops at the March Board meeting. The report in Tab S was in response to Regent Jardine's request at that meeting. A presentation was given by Dr. David Chapman, Dean of the Graduate School at the University of Utah, and Dr. Tom Kent, Dean of the Graduate School at Utah State University.

Dr. Chapman reported that nationally 1700 institutions are serving 1.9 million graduate students. Most of these institutions are master's-degree granting institutions. The Council of Graduate Schools (CGS) reports that master's degrees are growing by four percent annually. Education and business degrees account for half of that growth. Women earn 58 percent of the master's degrees. In contrast, doctoral degrees have decreased

by four percent since they peaked in 1998. The number of women earning doctoral degrees is rising and is currently 44 percent. Minority representation is improving but is still low.

Dr. Chapman remarked on the "aspirational gap," which he defined as expectations vs. reality. Studies show that 75 percent of college freshmen expect to earn a graduate degree. After five years, 39 percent had taken a graduate admissions exam, 41 percent had applied for admission, 35 percent had been accepted into at least one program, and 30 percent had enrolled in a graduate or first-professional program.

The goals for graduate and professional education are to: (1) educate the workforce of the future, (2) keep America competitive, (3) prepare scholars/citizens/specialists, and (4) provide professional qualification/certification.

Interesting statistics were given about the students presently in American graduate schools. It was noted that the funding of graduate students is highly dependent on the discipline. Partnerships have been made with state and federal government, private industry, institutions and the students. State government support includes the graduate student differential and subsidizes faculty scholarship. Federal government support includes fellowships, loan programs, and research projects. The private sector helps to fund tuition support for employees, research projects, and scholarships. The institutions provide funding through resource allocation, graduate student (TA) funding, tuition remission, and scholarship/research support. Students pay through tuition and fees and substantial foregone earnings.

At the present time, University of Utah graduate students are paying approximately 70 percent of the cost of their education, with the state paying 12 percent, the federal government paying 11 percent, and private industry paying 7 percent. Examples were given to demonstrate how graduate programs are discipline-specific.

The following were identified as graduate education issues: (1) graduate student support, (2) state budget cuts, (3) increased tuition and greater need for waivers and other financial aid, (4) Homeland Security, and (5) Higher Education Act reauthorization.

Dr. Chapman concluded by noting that foreign applications are down 40 percent this year, principally because foreign students cannot get visas. For the first time in history, Europe is producing more Ph.D.s than the United States, and Asia is close behind.

Dr. Kent explained the promises and challenges of graduate education: (1) *National visibility and reputation*. The University of Utah and Utah State University fall into the defined Carnegie classification for doctoral-specific institutions which are research extensive. (2) *Reciprocity between graduate programs and quality undergraduate programs*. The greatest challenge is funding. Money is needed to recruit and retain the best students. Maintaining quality programs in a time of funding difficulty is especially challenging. Dr. Kent reported that at USU, \$9.3 million was spent for graduate education in the form of stipends, fellowships, etc.

Vice Chair Mantes thanked Dr. Chapman and Dr. Kent for attending the meeting and explaining graduate education to the Regents.

FOLLOW-UP REPORT ON THE MARCH 11 BOARD OF REGENTS' WORKSHOPS

Commissioner Kendell said plans were made at the meeting in Cedar City for follow-up reports from each of the three workshops.

Research and Development. A day was spent considering the importance of research and development, which is important to this State. The two research universities have been collaborating on ways they can increase the R&D capacity in Utah. The Arizona Legislature has just passed a \$400-500 million bond to improve the research infrastructure in that state. The University of Utah and Utah State University are now involving their trustees and plan to engage the business community. They have authorized a study to determine the true impact of research and development dollars on the state's economy. Commissioner Kendell complimented the two institutions for the work they have already accomplished. The state funds infrastructure, and it should also fund research and development. He noted that the state has a history of funding key infrastructure needs such as highways. The critical infrastructure need of the future may be the R&D capacity of higher education institutions.

Budget. In preparing a system budget for 2005-2006, the following questions arose and are being addressed by a small working group: What is the role of growth? How can we manage growth without funding? What is the capacity of students and families to afford tuition in the future? What is our policy on financial aid? Commissioner Kendell said we are still trying to determine the ground rules for next year's legislative session. The working group includes representatives from the Legislative Fiscal Analyst's office, the Office of the Commissioner, and the institutions. Consultants will be invited as needed. All of these drafts will be sent through the normal Regents' committee procedures.

Accountability. Our goal is to prepare an accountability report or performance report to inform the Legislature and the public of the goals of higher education and the key indicators that measure them. Several models have been studied already. This issue will be the focus of discussions for the next several months.

All of these issues, as well as Transferability of Credit (HB320) and a Report on Remediation (See Tab E), will be coming back to the Regents through the regular committee structure.

REPORTS OF BOARD COMMITTEES

Academic, Applied Technology and Student Success Committee. Vice Chair David Jordan chaired the committee in the absence of Chair Jardine.

Southern Utah University – Transition Plan and Final Program Proposal for the Bachelor of Science Degree in Nursing Approved January 2004 (Tab A). Vice Chair Jordan reported some modifications to the transition plan. Southern Utah University was initially considering admitting students in Fall 2005; they will now admit students in Fall 2004. Weber State University will continue to have some faculty on campus until the last students graduate in 2005. SUU has already hired a chief nursing administrator. **Regent Beesley moved approval of the transition plan. The motion was seconded by Regent Sweeten and carried.**

Consent Calendar (Tab B). **On motion by Vice Chair Jordan and second by Regent Atkin, the following items were approved on the committee's consent calendar:**

1. Dixie State College – Emphasis in Accounting added to existing BS Degree in Business Administration
2. Utah State University
 - A. Discontinuance of the MA Degree in Dairy Science in the Department of Animal, Dairy and Veterinary Sciences, College of Agriculture
 - B. Discontinuance of BA Degrees in Agricultural Education, Agricultural Technology, and in Family and Consumer Sciences Education, Department of Agricultural Systems Technology and Education, College of Agriculture
 - C. Transfer of the Family Finance Emphasis within the BS Degree in Family and Consumer Sciences to the BS Degree in Family and Human Development, Department of Family, Consumer and Human Development, College of Education and Human Services
3. Weber State University
 - A. Deletion of Emissions Technician Certificate Program, Department of Sales and Service Technology, College of Applied Science and Technology
 - B. Addition of Honda PACT Emphasis within the existing AAS Degree in Automotive Service Technology, Sales and Service Technology Department, College of Applied Science and Technology
4. Utah College of Applied Technology – Fast Track approval of Paraeducator Certificate

Southern Utah University – Master of Business Administration Program, Three-Year Progress Report (Tab C). Vice Chair Jordan said when the Regents first approved this program in December 1999, they required a three-year review before permanent approval would be granted. In March 2004, 36 applicants were accepted. The University is working to achieve AACSB accreditation and is entering its sixth year of candidacy for the highest level of accreditation. Commissioner Kendell recommended permanent status, and the proposal passed affirmatively out of committee. **Regent Atkin moved the Commissioner's recommendation. The motion was seconded by Regent Jensen and carried.**

Information Calendar (Tab D). Vice Chair Jordan pointed out the items on the committee's Information Calendar which had been approved by the institutional Boards of Trustees. No Regent action was required.

Higher Education Remedial Classes – Preliminary Report (Replacement Tab E). Vice Chair Jordan reported a lively discussion in committee about remedial classes in higher education. This topic was the subject of a resolution in the 2004 Legislative Session (HCR 11). The Commissioner's Office is working actively to prepare background information to do the needed analysis. If students achieve a certain cut score on the ACT or another nationally normed exam, they are able to take the basic general education courses. If they do not achieve the cut score, however, most of the schools require a placement exam. Scoring above the cut score would allow students to go directly to the 1000 level courses. If an appropriate score is not achieved, the student is routed into the 900 series classes. This series of classes receives credit for financial aid but the classes are not credited toward graduation. There is no uniform system policy; every school sets its own cut score. Weber's score is very high, and seventy percent of all admitted freshmen get routed into the 900 series

of courses in math and English. CEU's cut score is lower, so that only ten percent of CEU's freshmen get routed into the 900 series of classes. This raises a question of articulation and transferability.

A subcommittee was formed consisting of Regents Beesley, Barney and Edwards to work with the Commissioner's Office and institutional staff to help the Regents understand this issue and to formulate a meaningful discussion with the Legislature. The discussion involved moving some of the remediation out of higher education and into high schools. Placement tests currently determine whether or not students require remediation.

Commissioner Kendell explained that the legislative resolution directed the USHE to get remedial course work on a more self-supporting basis. The Legislature indicated that the competencies were funded through public education and did not require additional funding through higher education. Some institutions use a nationally normed exam. Some use the CPT, some use the CAP test, and others have developed their own exam. The students need to be remediated at the appropriate level for them to enter the 1000 level courses.

Vice Chair Jordan said the subcommittee would be meeting on May 11 in a retreat with institutional representatives with responsibility for remedial education and Chief Academic Officers (CAOs). Commissioner Kendell asked the status of Performance Plus and U-PASS. Could the U-PASS cut scores be the same as those used in higher education? Regent Burningham said this was the goal, but it will take a considerable amount of time. It must receive great emphasis because this is practical and saves everyone money.

Vice Chair Mantes thanked Vice Chair Jordan for his report.

Finance, Facilities and Accountability Committee

Revision to Policy R512, *Determination of Resident Status* (Tab F). Chair Pitcher explained that the proposed revision was necessary to conform with legislation enacted in the 2004 session. HB 164 provided that members of the Utah National Guard who perform active duty service be considered to maintain continuous Utah residency for student residency purposes during such service. **Chair Pitcher moved approval of the proposed revision to Policy R512. The motion was seconded by Regent Atkin and carried.**

Revision to Policy R513, *Tuition Waivers and Reductions* (Tab G). Chair Pitcher explained that this policy revision was also necessary to conform with recent legislation. HB 65 directed that state colleges and universities waive undergraduate tuition for Utah students who have received a Purple Heart as a result of military service. **Chair Pitcher moved approval of the proposed revision to Policy R513. The motion was seconded by Regent Atkin and carried.**

UHEAA – Approving Resolution, SBR Student Loan Revenue Bonds, Series 2004Z (Tab H). Chair Pitcher reported that the UHEAA Board of Directors and the Student Finance Subcommittee had recommended issuance of \$83,100,000 of new tax-exempt bonds and \$35,000,000 of refinanced bonds. Parameters were shown on page 3 of Commissioner Kendell's cover letter. This action is necessary to ensure uninterrupted access of Utah students and families to student loans at least through December 2004. Additional bonds may be proposed for issuance late in 2004 or early in 2005. **On motion by Chair Pitcher and second by Regent Atkin, the bonds were approved with the following vote:**

YEA: Jerry C. Atkin
Daryl C. Barrett
Bonnie Jean Beesley
William Edwards
David J. Grant
Michael R. Jensen
David J. Jordan
E. George Mantes
Jed H. Pitcher
Maria Sweeten

NAY: (None)

The resolution is as follows:

A RESOLUTION OF THE STATE BOARD OF REGENTS OF THE STATE OF UTAH (THE "BOARD") AUTHORIZING THE ISSUANCE AND SALE OF ITS STUDENT LOAN REVENUE BONDS, SERIES 2004Z, IN THE AGGREGATE PRINCIPAL AMOUNT OF NOT TO EXCEED \$120,000,000; AUTHORIZING THE EXECUTION OF AN TWELFTH SUPPLEMENTAL INDENTURE, A BOND PURCHASE AGREEMENT AND AN OFFICIAL STATEMENT, AND OTHER DOCUMENTS REQUIRED IN CONNECTION THEREWITH; AUTHORIZING THE TAKING OF ALL OTHER ACTIONS NECESSARY TO THE CONSUMMATION OF THE TRANSACTIONS CONTEMPLATED BY THIS RESOLUTION; AND RELATED MATTERS.

UHEAA – Approving Resolution, SBR Revenue Bonds, Series 2004 (Office Facility Project) (Tab I). Chair Pitcher reported that the Student Finance Subcommittee had recommended that the Regents adopt the Approving Resolution for the issuance and sale of bonds to acquire the remainder of the Board of Regents Building. This includes the first and second floors and mezzanine and provides for current and future expansion space. Details and parameters were included in the Commissioner's cover letter. Regent Jensen asked if the title to the building would be held by the State Board of Regents or UHEAA. Richard Davis said the title would be held by the Regents, since the bond is issued by the Board. UHEAA is the funding mechanism but the building belongs to the State Board of Regents. **On motion by Chair Pitcher and second by Regent Atkin, the bonds were approved with the following vote:**

YEA: Jerry C. Atkin
Daryl C. Barrett
Bonnie Jean Beesley
William Edwards
David J. Grant
Michael R. Jensen
David J. Jordan
E. George Mantes
Jed H. Pitcher

Maria Sweeten

NAY: (None)

The resolution is as follows:

A RESOLUTION OF THE STATE BOARD OF REGENTS OF THE STATE OF UTAH AUTHORIZING THE ISSUANCE AND SALE OF ITS REVENUE BONDS, SERIES 2004, (OFFICE FACILITY PROJECT) (THE "BONDS") IN THE AGGREGATE PRINCIPAL AMOUNT OF NOT TO EXCEED \$4,000,000; AUTHORIZING THE EXECUTION OF AN INDENTURE OF TRUST, A BOND PURCHASE AGREEMENT, AN OFFICIAL STATEMENT AND OTHER DOCUMENTS REQUIRED IN CONNECTION THEREWITH; AUTHORIZING THE TAKING OF ALL OTHER ACTIONS NECESSARY TO THE CONSUMMATION OF THE TRANSACTIONS CONTEMPLATED BY THIS RESOLUTION; AND RELATED MATTERS.

Utah State University – Authorizing Resolution for Revenue Bonds for Living/Learning Center Project, Series 2004C (Tab J). These bonds would finance the construction of an on-campus Living/Learning Center, a parking terrace, and food service upgrades in the Taggart Student Center. Conceptual approval was given previously, and the 2004 Legislature gave statutory authority for the issuance of the bonds in HB 238. Parameters were summarized in Attachment 1 to Tab J. **On motion by Chair Pitcher and second by Regent Atkin, the bonds were approved with the following vote:**

YEA: Jerry C. Atkin
Daryl C. Barrett
Bonnie Jean Beesley
William Edwards
David J. Grant
Michael R. Jensen
David J. Jordan
E. George Mantes
Jed H. Pitcher
Maria Sweeten

NAY: (None)

The resolution is as follows:

SUPPLEMENTAL RESOLUTION AUTHORIZING THE ISSUANCE AND SALE OF UP TO \$41,000,000 AGGREGATE PRINCIPAL AMOUNT OF UTAH STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE STUDENT FEE AND HOUSING SYSTEM REVENUE BONDS, SERIES 2004C, OF THE STATE BOARD OF REGENTS OF THE STATE OF UTAH; AND PROVIDING FOR RELATED MATTERS.

Utah State University – Authorizing Resolution for Student Building Fee Revenue and Refunding Bonds for the Stadium/Spectrum Facilities Project, Series A and B (Tab K). Chair Pitcher explained that this bond would finance the construction and improvements to Romney Stadium, the Nelson Fieldhouse, and the Student Wellness Center. Conceptual approval was given previously, and the 2004 Utah Legislature gave statutory authority in HB 238. Parameters were provided on Attachment 1. **On motion by Chair Pitcher and second by Regent Atkin, the bonds were approved with the following vote:**

YEA: Jerry C. Atkin
Daryl C. Barrett
Bonnie Jean Beesley
William Edwards
David J. Grant
Michael R. Jensen
David J. Jordan
E. George Mantes
Jed H. Pitcher
Maria Sweeten

NAY: (None)

The resolution is as follows:

A RESOLUTION OF THE STATE BOARD OF REGENTS OF THE STATE OF UTAH AUTHORIZING THE ISSUANCE AND SALE OF ITS UTAH STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE STUDENT BUILDING FEE REVENUE AND REFUNDING BONDS (STADIUM/SPECTRUM FACILITIES PROJECT) IN THE AGGREGATE PRINCIPAL AMOUNT OF NOT TO EXCEED \$11,810,000 TO BE ISSUED IN ONE OR MORE SERIES; AUTHORIZING THE EXECUTION AND DELIVERY OF A SECOND SUPPLEMENTAL INDENTURE OF TRUST, A BOND PURCHASE CONTRACT AND OTHER DOCUMENTS REQUIRED IN CONNECTION THEREWITH; AUTHORIZING THE TAKING OF ALL OTHER ACTIONS NECESSARY TO THE CONSUMMATION OF THE TRANSACTIONS CONTEMPLATED BY THIS RESOLUTION; AND RELATED MATTERS.

College of Eastern Utah – Student Fee Increase (Tab L). Chair Pitcher reported that CEU officials had requested that general student fees for 2004-2005 be reconsidered and increased by \$6 per year. President Ryan's letter (Attachment 1) explained that subsequent to the approval of the 2004-2005 student fees, it was determined that CEU was out of compliance with a covenant of the Burtenshaw Bond requiring the college to maintain 125 percent coverage for the debt service. Regent Edwards said the students have expressed concerns about fee increases. President Thomas said information was not provided to the students earlier because it was not available. The college entered into the Burtenshaw Bond eight years ago and the 125 percent coverage amendment cannot be changed. **Regent Grant moved approval of the fee increase. The motion was seconded by Regent Atkin and carried, with Regent Edwards voting against the motion.**

Utah Valley State College – Authorizing Resolution for Revenue Refunding Bonds, Series 2004 (Tab M) and Approval of Bond Authorizing Resolution, Purchase Contract, and Sublease with Utah County to facilitate funding of the Baseball Stadium, Series 2004 (Tab N). Chair Pitcher said the committee had deferred action on these two items, pending further discussion and negotiation. It was agreed that the Regents would consider these two items in a subsequent conference call.

Consent Calendar. On motion by Chair Pitcher and second by Regent Atkin, the following items were approved on the committee's consent calendar:

1. Implementation Date for Suggested Changes to Early Retirement Programs
2. 2004-2005 Tuition Rate for UCAT AAT Degree Students in General Education Courses
3. Utah Electronic College (UEC) 2004-2005 Tuition Rates

Continuation of March Break-out Groups Discussion – Managing Growth/Budget Planning (Tab P). Chair Pitcher said the committee had discussed the break-out issues from the March discussions on enrollment growth and had assigned additional work to Assistant Commissioner Mortensen. Information regarding the impact on tuition and quality will be available for the June Board meeting.

UHEAA – Board of Directors Report (Tab Q). Chair Pitcher thanked Associate Commissioner Norris and his staff for their excellent report.

Vice Chair Mantes thanked Chair Pitcher for his report.

GENERAL CONSENT CALENDAR

On motion by Regent Grant and second by Regent Pitcher, the following items were approved on the Board's General Consent Calendar:

1. Minutes – Minutes of the Regular Board of Regents Meeting held March 11, 2004 at Southern Utah University in Cedar City Utah, and March 12, 2004 at Dixie State College in Hurricane, Utah
2. Grant Proposals - Approval to submit the following proposals:
 - A. University of Utah – National Science Foundation; "ITR:NJS/ ASE\(\DMC,SIM\): Continuous, Discrete, and Statistical Methods for 3-D Object Recognition;" \$3,874,525. Elaine Cohen, Principal Investigator.
 - B. University of Utah – National Science Foundation; "ITR: Architectures for Perceptive Embedded Systems;" \$2,373,705. Alan L. Davis, Principal Investigator.
 - C. University of Utah – National Science Foundation; "Collaborative Research: Communication Strategies for Very Large Sensor Networks;" \$2,020,001. B. Farhang-Boroujeny, Principal Investigator.

- D. University of Utah – Public Health Service; “Improving Measurement of Acute Pain;” \$2,659,129. C. Richard Chapman, Principal Investigator.
- E. University of Utah – Public Health Service/National Institute of General Medical Science; “Recoding: Dynamic Reprogramming of Genetic Readout;” \$2,683,199. John F. Atkins, Principal Investigator
- F. University of Utah – Public Health Service/National Institute of Diabetic Digest K; “Defining Hematopoietic Progenitors in Mouse Bone Marrow;” \$2,222,651. Gerald J. Spangrude, Principal Investigator.
- G. University of Utah – Public Health Service/National Cancer Institute; “Mapping and Cloning Prostate Cancer Predisposition Loci;” \$3,364,890. Lisa Cannon-Albright, Principal Investigator.
- H. University of Utah – Public Health Service/National Institute/Deaf Oth Comm D; “Forming and Patterning the Vertebrate Inner Ear;” \$2,369,019. Gary C. Schoenwolf, Principal Investigator.
- I. University of Utah – Public Health Service/National Cancer Institute; “Double-Targeted Macromacular Therapeutics for the Treatment of Ovarian Cancer;” \$3,576,148. Andrew P. Soisson, Principal Investigator.
- J. University of Utah – Public Health Service/National Institute of Dental Craniofa/Engineering; “The Vocal Fold Extracellular Matrix;” \$3,307,395. Susan L. Thibeault, Principal Investigator.
- K. University of Utah – Public Health Service; “Computational Biology and Bioinformatics Online;” \$3,217,758. Thomas E. Cheatham, Principal Investigator.
- L. University of Utah – Public Health Service/National Institute of Neurological Dis/Stro; “Identification and Characterization of Novel Therapeutics for the Treatment and Prevention of Epilepsy;” \$13,170,515. H. Steve White, Principal Investigator.
- M. University of Utah – National Science Foundation; “A New Multi-Scale Paradigm for Biomolecular Simulations;” \$3,204,778. Gregory A. Voth, Principal Investigator.
- N. University of Utah – National Science Foundation; “Collaborative Research: Computational Tools for Multiscale Dynamical Modeling of Blood Clotting and Vascular Biology;” \$2,306,832. Aaron L. Fogelson, Principal Investigator.
- O. University of Utah – National Science Foundation; “ITR0 (NHS)- (INT) Inter-Disciplinary Information Representation (IDIR);” \$2,991,905. Stefano A. Foresti, Principal Investigator.

- P. University of Utah – Public Health Service/National Eye Institute; “Animal Facility for New Moran Eye Center;” \$2,680,838. A. Lorris Betz, Principal Investigator.
 - Q. Utah State University – US Department of Agriculture; “Functional Genomics in Nature;” \$1,253,653. Bart C. Weimer, Principal Investigator.
 - R. Utah State University – BAE; “Geostationary Operational Environmental Satellite (GOES) Hyperspectral Environmental Suite (HES) Formulation Phase Program – Interferometer Concept Design;” \$1,328,714. Ron Huppi, Principal Investigator.
 - S. Utah State University – National Science Foundation; “Center for Assessing Pedagogy and Optimizing Learning Outcomes (APOLO)” in collaboration with Iowa State University; \$1,182,246. Gayle Bowen, Principal Investigator.
 - T. Utah State University – Spectrum Astro; “Demonstrating the Feasibility of Advanced, Cryocooled Focal Plane Array Technologies to Improve our Ability to Detect Smaller, Cooler and More Distant Objects via Use of Infrared Sensors, Ultimately Improving our Nation’s Defense and Astronomical Science Sensor Capabilities;” \$2,250,234. Blake Crowther, Principal Investigator.
 - U. Utah State University – National Institutes of Health; “Microbial Metabolism of Aliphatic Alkenes, Epoxides, and Ketones;” \$1,725,600. Scott A. Ensign, Principal Investigator.
 - V. Utah Valley State College – US Department of Education; “Psychology of Personal Excellence/Demonstration Project in Leadership Training;” \$1,500,000. Bruce Jackson, Principal Investigator.
3. Grants Awarded
- A. University of Utah – National Center for Research Resources; “General Clinical Research Center. CFDA 93.333. General Clinical Research Center Grant (M01). RFA PA-90-30 (Cap);” \$2,028,991. A. Lorris Betz, Principal Investigator.
 - B. University of Utah – Sports Medicine Research and Testing Laboratory; “Sports Medicine Research and Testing Laboratory at the University of Utah;” \$5,785,417. Dennis J. Crouch, 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 June 3-4, 2004, at the College of Eastern Utah in Price, Utah, and Snow College in Ephraim, Utah, 1to consider property transactions, personnel issues, litigation, and such other matters permitted by the Utah Open and Public Meetings Act.

REPORT OF THE CHAIR

Higher Education Appropriations Subcommittee Meeting. Vice Chair Mantes said a meeting of the Higher Education Appropriations Subcommittee had been scheduled for 9:00 a.m. on May 20 at Weber State University. He urged the Regents to be present, if at all possible, to discuss parameters of funding higher education in the future. Assistant Commissioner Mortensen reported that the meeting would be a round-table discussion with Regents, Presidents and Legislators. He has been working with the Legislative Fiscal Analyst's staff to come up with policy objectives to open the debate on the issues. These objectives will be distributed to everyone as they are defined. Fiscal Analyst Garriott said this would be an excellent opportunity for intercourse between the Legislature, Regents, and Presidents. The discussion will determine the direction for higher education in the future. Commissioner Kendell said he would send out a reminder to the Regents and Presidents.

SLCC Presidential Search. Vice Chair Mantes said a search committee is being formed to reinstate the Salt Lake Community College presidential search. Regent Bonnie Jean Beesley has agreed to chair the committee.

Vacancies on UHEAA Board of Directors. Vice Chair Mantes reported that David Maher would fill the vacant Regent position and that Ali Abegg will fill the vacant student position on the UHEAA Board .

Retirement of Associate Commissioner Deanna Winn. Vice Chair Mantes reported that Associate Commissioner Deanna Winn had announced that she would retire on June 30. She has been a very dedicated and loyal employee and she has done some great things. On behalf of the State Board of Regents, Vice Chair Mantes expressed his appreciation to Dr. Winn and wished her well.

Regents' Regalia. Vice Chair Mantes announced that the Regents' new robes had been received. He asked the Regents to take their new robes home with them at the conclusion of the meeting. The berets have not yet been received; they will be distributed later.

REPORT OF THE COMMISSIONER

Commissioner Kendell thanked Associate Commissioner Winn for her many contributions to the Commissioner's Office and to the Utah System of Higher Education. She has been a great colleague. The Commissioner pointed out the Notable Accomplishments from the USHE institutions, which was in the Regents' folders. He noted that WSU had its first undergraduate research symposium. USU and the UofU have submitted over \$70 million in research grants during the last couple of months. The University of Utah received a \$5.8 million grant for sports medicine research and a testing laboratory. The Commissioner congratulated President Betz, who sponsored a grant for the General Clinical Research Center, for which the University was awarded over \$2 million.

ADJOURNMENT

At 2:45 p.m. the Regents moved into executive session. The meeting was adjourned from there.

Joyce Cottrell CPS
Executive Secretary

Date Approved