

COLORADO COMMISSION ON HIGHER EDUCATION

June 7, 2001
Colorado School of Mines
Golden, Colorado

MINUTES

Commissioners

Present: Raymond T. Baker; Terrance Farina; David E. Greenberg; Robert A. Hessler; Peggy Lamm, Vice Chair (Acting Chair); Dean Quamme; James Stewart; and William B. Vollbracht.

Advisory Committee

Present: Wayne Artis; Cal Frazier; Kevin Kasel; Representative Keith King; Larry Sutton, Senator Ron Tupa; and Senator Sue Windels.

Commission Staff

Present: Timothy E. Foster, Executive Director; Jeanne Adkins; JoAnn Evans; Jim Jacobs; Ray Kieft; Diane Lindner; and Sharon Samson.

I. Call to Order

Vice Chair and Acting Chair Peggy Lamm called the regular meeting of the Colorado Commission on Higher Education to order at 9:10 a.m. in the Parker Student Center at the Colorado School of Mine in Golden, Colorado.

Action: Commissioner Hessler moved approval of the minutes of the May 3, 2001, regular Commission meeting and the May 10, 2001, teleconference meeting. Commissioner Farina seconded the motion and the motion carried unanimously.

II. Reports

A. Chair's Report

Commissioner Ralph Nagel, Chair of the Commission was excused absent. Vice Chair Commissioner Peggy Lamm chaired the meeting and reported that Commissioner Marion Gottesfeld recently passed away. Commissioner Gottesfeld was an amazingly fabulous person and the Commission and the higher education community will miss her very much. Commissioner Lamm had no further report.

B. Commissioners' Reports

No reports.

C. Advisory Committee Reports

Representative Keith King reported that Governor Owens signed the Common Core legislation (HB 01-1298 and HB 01-1263) into law. The legislation is a great step forward in the transferability of courses among higher education institutions.

Dr. Calvin Frazier reported that the Alliance for Quality Teaching, a group made up of representatives from the Governor's Office, the legislature, and all education associations are looking at the problems Colorado may face in the near future in terms of teacher shortages. The group is looking at a data that is available to all agencies. The intent is to look at the data that we now have about the quality of the system and what drives decision making, K-12 through higher education, and see what we need in the long-term vision for education.

D. Public Comment

George Walker congratulated the University of Colorado at Boulder for the appointment of Lori Sheperd as Dean of the School of Education.

Michelle Ryan, a Boulder Valley teacher and a University of Colorado at Boulder master's student in the study of multi-cultural special education. She stated that the effort to make a one-size-fits-all curriculum for teacher does not serve young students. She said the foundation of the education system will be affected by today's decision on the subject of majors that will be offered for teacher licensure. She supports a broad array of majors for teacher preparation.

III. Special Presentation

A. ColoradoMentor Presentation

Executive Director Foster stated that the Commission has been interested in the fact that there are not as many Coloradans attending college in Colorado. It is reflected by the meager growth in college enrollments as compared to the very robust growth in our state's population, as well as the number of people graduating from Colorado high schools. He said there are a lot of opportunities to make it easier to attend college and Mentor is going to be one of the leading efforts in that regard. The Mentor program provides the ability for students to access information as junior high and high school students online. Counselors will be able to use the information on line to advise students, do career planning lining up those careers with degrees, then line up those degrees with institutions, and early on begin the planning for how the students get to college. The Mentor system will allow students to apply online using the initial information for application to any Colorado higher education institution, apply for financial aid.

The Mentor system is a one-stop Internet portal with internal links to databases and models of information. It will connect high school students, employers, and institutions through a series of linked databases, all centrally located on one website. Students will be able to locate highly specific information regarding postsecondary institutions in one location, as well as apply to multiple institutions online and file a financial aid application.

Several public and private institutions have committed to be on the Mentor site and it is Mr. Foster's hope that most of the governing boards will come to see the presentation and have their questions answered. Colorado will be the first state to have all the players on one site so that high-school students can do one-stop shopping and see the entire array of higher education opportunities.

Jeanne Adkins reported that a presentation on the Mentor program was made on June 6 to the financial aid directors, admission directors, and high school counselors to provide them an opportunity to look at this system before entering into agreements to develop it. She also announced that two new staff members will be working on the project. Dennis Barry, who has been with the University of Colorado at Boulder, and Harlan Steinle will be on loan from Fort Lewis College. Ms. Adkins introduced the representatives who each explained aspects of the Mentor system. The presenters were:

Allen Firstenberg, CEO of Xap Corporation
Sharon Wells, Program Manager for Xap Corporation
Jessica Wagoner, Xap Corporation
Judy Campbell, high school counselor at Hollywood High School in Los Angeles
Bobby Kanoy, Associate Vice President for Academic Affairs at the University of North Carolina
Rob Miller, with NCS Pearson (a partner with Xap Corporation)

The presentations provided extensive information about the program and they responded to questions raised by the Commissioners and advisory committee members.

There will be regional meetings for all institutions and the actual program developers on the campus. The long-term plan is to have the site operational in June 2002. There are several pieces, for example the transcript piece that will be toward the end of the schedule. In terms of the expenditure of resources, the total cost, including the transcript, is slightly over \$700,000 on an annual basis for maintenance. There is an up-front development fee that is slightly less than that for the two projects together. This will be a year-to-year contract that is a Colorado requirement from a budgetary standpoint.

IV. Consent Items

A. Proposals for New Academic Degree Programs:

(1) Bachelor of Arts (B.A.) in Computer Information Science at Western State College

The Trustees of The State Colleges in Colorado requested approval for a Bachelor of Arts degree in Computer Information Science at Western State College. The program is intended to provide the opportunity for graduates to enter the computer science and information systems fields as “qualified entry-level professionals.” The degree requires 120 credits and can be completed in four years. The program is within the institutional mission. Graduates of the program will have a strong foundation of computer information science subjects and will develop expertise in areas identified as important to industry and business.

Staff Recommendation:

That the Commission approve the Trustees of The State Colleges in Colorado’s request for a Bachelor of Arts in Computer Information Science at Western State College.

(2) Bachelor of Science (B.S.) in Computer Engineering at Colorado State University

The Board of Agriculture requested Commission approval of a Bachelor of Science (B.S.) in Computer Engineering at Colorado State University. Computer engineering addresses the broad area of the design, implementation, networking, application of computers, and components of networks. The degree grows out of and will replace the existing Computer Engineering concentration in Electrical Engineering. It is designed as a four-year program requiring 131 credits for graduation. The institution estimates that 45 students per year will graduate from the program at full implementation.

Staff Recommendation:

That the Commission approve the State Board of Agriculture’s request to offer a Bachelor of Science degree in Computer Engineering at Colorado State University.

(3) Bachelor of Science (B.S.) in Liberal Studies at the University of Southern Colorado

The State Board of Agriculture requested approval of a Bachelor of Science (B.S.) degree in Liberal Studies at the University of Southern Colorado. The degree is designed to meet Colorado’s new standards for elementary licensure, requires 120 credits, and can be completed in four years. It will be the only USC program leading to licensure in elementary

education. The proposed degree program supports USC's mission to "emphasize career-oriented, technological and applied programs, while maintaining strong programs in the liberal arts." It is designed to take advantage of the resources available at the institution and is responsive to the needs of Southern Colorado in teacher education.

Staff Recommendation:

That the Commission approve the State Board of Agriculture request to offer a Bachelor of Science (B.S.) in Liberal Studies at the University of Southern Colorado for students pursuing elementary education.

B. CCHE-Capital Assets Policy Sections Repeals, Revisions

The Capital Assets Policies were updated to reflect statutory changes to Policies M, N and Q. Staff have read and reviewed all existing capital assets policies for conformance with existing statutes, elimination of unnecessary processes and attempted to simplify the policies for ease of implementation and understanding.

Staff Recommendation:

That the Commission approve the changes in Part Q (Policies for Self-Funded Capital Construction) to reflect statutory changes and the updates to Part M (Capital Improvements Plan Policies) and Part N (Criteria and Procedures for Implementation of 23-5-112, C.R.S, Concerning Gifts and Bequests to Institutions of Higher Education).

C. Teacher Education Authorization

CCHE, in conjunction with the Colorado Department of Education, has been reviewing teacher education programs offered by Colorado colleges and universities. This is the final group of degree programs that are recommended for initial teacher licensure authorization, secondary endorsement areas, special service licensures, and administration licensures.

(1) Environmental Science Authorization at Mesa State College

Mesa State College received CCHE approval for initial teacher licensure for 10 undergraduate degree programs in March 2001. In addition to the degree programs for which authorization has been approved, the staff recommends teacher education authorization for Mesa State College in Environmental Science and Technology at the secondary education level. The Commission approved the curriculum of Bachelor of Science degree in Environmental Science and Technology in June 2000. Given the changes in licensure standards, the Board of Trustees of the State Colleges in Colorado chose to delay acting on the concentration that was targeted for teacher licensure. The Trustees approved the new concentration area in March 2001 and subsequently submitted a request to the Commission for teacher authorization.

Staff Recommendation:

That the Commission approve teacher education authorization in the secondary education for Mesa State College's Environmental Science and Technology degree program.

(2) Teacher Education Authorization: University of Colorado at Boulder

The University of Colorado at Boulder received CCHE approval for initial teacher authorization for 31 undergraduate degree programs on May 3, 2001, including 28 degree programs and three post-baccalaureate programs. As noted in the May teacher education presentation, action on ten UCB degree programs was pending due to curriculum revisions in progress or missing documentation. As provided in the teacher education approval process, CCHE staff has continued to review and process submitted material until the June statutory deadline. With the new material, the staff recommends approval for seven degree programs for elementary licensure and seven degree programs for secondary licensure.

The UCB degree programs recommended for teacher education authorization are American Studies, Astronomy, Distributive Studies – Geology concentration, Physics, Political Science, Psychology, and Spanish for elementary education licensure; and American Studies, Anthropology, Astronomy, Economics, International Affairs, and Physics for secondary licensure.

Staff Recommendation:

That the Commission approve the authorization for:

- American Studies, Astronomy, Distributive Studies – Geology concentration, Physics, Political Science, Psychology, and Spanish for elementary education licensure, and
- American Studies, Anthropology, Astronomy, Economics, International Affairs, and Physics for secondary licensure

at the University of Colorado at Boulder with the understanding that all undergraduate teacher candidates will be assessed in general education and that candidates to the post-baccalaureate program will pass a content test prior to admission.

(3) Authorization of Secondary Endorsements and Degree Programs for Special Services, Principals and Administrators

The Commission has approved initial teacher licensure programs at fifteen colleges and universities. Frequently, practicing teachers expand their teaching options by obtaining a second teaching endorsement. These secondary endorsements require that the candidate has qualified for initial licensure either prior to or in conjunction with the secondary endorsement. Consequently, the required courses for secondary endorsement are focused

on the particular teaching skills or content area. Student teaching is not normally required for a second endorsement, except for Special Education.

The Special Services and Administrative licenses are associated with professional degree programs. The Colorado Commission on Higher Education (CCHE) and the Colorado Department of Education (CDE) have agreed that the standard degree approval process would function as the licensure review and approval for this group of programs.

CCHE and CDE recommended approval of secondary endorsements offered by the public and private four-year colleges in Colorado including:

- 9 Linguistically Diverse Programs in Bilingual and/or English as a Second Language
- 5 Reading Teacher and/or Reading Specialist programs
- 26 Special Education endorsements ranging from Early Childhood to Special Education for Profound Needs Children
- 25 Special service degree programs
- 14 Administrative licensure programs

Staff Recommendation:

That the Commission approve the listed special services, secondary endorsements, principal and administrator programs (as listed in the agenda item). Full review of these programs will occur within ongoing education program reviews.

Action: Commissioner Hessler moved approval of the staff recommendations for the consent items (IV A, (1), (2) and (3); IV B; and IV C (1), (2) and (3). Commissioner Farina seconded the motion and the motion carried unanimously.

V. Action Items

A. Programs of Excellence

Program of Excellence is Colorado's most prestigious academic honor. Each year the Commission seeks nominations of those programs that exemplify quality and high levels of academic performance.

Prior to the announcement of the 2001 Program of Excellence (POE) awards, there were presentations by two former POE recipients to give the Commission an example of the caliber of programs that receive this prestigious award. Dr. James L. Voss, Dean of Veterinary Medicine at Colorado State University, and Dr. Ray Whalen, Professor and interim chair of Anatomy and Neurobiology Department at Colorado State University, discussed aspects of the Veterinary Medicine Program of Excellence, awarded in 1997. The second presentation was made by Dr. Jacquelyn F. Sullivan, Director of the ITL Laboratory at the University of Colorado at Boulder, discussed the Integrated Teaching and Learning program which is in the College of Engineering and Applied Science.

Commissioner James Stewart and Robert Hessler explained the selection process for Program of Excellence. The governing boards nominated 29 degree programs for consideration in the 2001 selection process. After review by a panel of experts, the Commission subcommittee scrutinized the eleven semifinalists. Commissioner Stewart stated that he was very impressed with the cross-section and quality of the program proposals and the technology already incorporated in them. The subcommittee recommended the following six programs as recipients of the 2001 Program of Excellence awards:

Biology Program at Fort Lewis College
Chemical Engineering Program at the University of Colorado at Boulder
Engineering Physics at Colorado School of Mines
Occupational Therapy Program at Colorado State University
Public Health at the University of Colorado Health Sciences Center
Special Education – Severe Needs at the University of Northern Colorado

Institutional governing board members and presidents were present at the meeting to accept the awards on behalf of the institutions.

Staff Recommendation:

1. That the Commission approve the recommendation of the sub-committee and designate the selected programs as the 2001 Programs of Excellence.
2. That the Commission approve the funding recommendation for the 2001-2002 fiscal year.

Action: Commissioner Farina moved approval of the staff recommendation. Commissioner Greenberg seconded the motion and the motion carried unanimously.

B. 2001-2002 Financial Aid Allocations

Dr. Sharon Samson reported that financial aid is the primary point for providing student access and helping students to attend college whether they have resources or not. The allocation methodology is student-driven. It directs dollars to students with the least ability to pay and allocates merit dollars proportional to the number of degree-seeking students. The allocation model is strongly tied to the eligibility criteria of each state financial aid program and becomes an essential step in implementing CCHE's new Financial Aid Policy goals.

The General Assembly appropriated \$85 million in financial aid during the past session. Of that amount, \$41,598,002 is designated for need-based grants, \$14,874,498 for merit awards, \$15,359,754 for work-study, and \$6,000,000 for the Governor's Opportunity Scholarship. The allocation model uses the calculated need of Level 1 students to allocate need-based dollars. It uses the percent of total undergraduate need to allocate work-study and one federal match program (i.e., Colorado Leveraging Education Access Program (CLEAP)), and the number of student teachers to allocate the Supplemental Leveraging Education

Access Program (SLEAP). For merit allocations, the model directs funds so that each institution may award tuition scholarships to 4% of its degree-seeking undergraduate students and 2% of its graduate students.

This year there is a major infusion of aid into the community colleges with \$1.3 million of need-based aid. There was an unmet need in that particular sector. As planned a year ago, all merit aid for the proprietary sector was converted to need-based aid. This eases their administrative burden and the institutions are in the best position to utilize the aid effectively.

Merit-based aid was appropriated based on the premise that the top four percent of every institution should have scholarship money to fund tuition and fee scholarships for undergraduates and two percent for graduates. Workstudy is based on total undergraduate need.

CCHE is involved with two federal match programs. CLEAP which is directed toward funding students with high needs. It allows each institution to supplement Colorado state need-based money with federal dollars. SLEAP is a federal scholarship program for student teachers as an incentive to complete a teacher education program and stay in the teaching profession. These two strategies are in compliance with SB 154 to provide financial incentives for teacher education programs.

Robert Kessler, a member of the Financial Aid Advisory Committee, spoke in support of the proposed financial aid allocation. He said that the allocation was developed in close collaboration between the CCHE staff and the Financial Aid Advisory Board that is made up of representatives of each of the governing boards. On behalf of the Financial Aid Advisory Board he thanked the Commission and legislators for their continued and increased support for financial assistance for students.

Bridget Mullen outlined the Governor's Opportunity Scholarship (GOS) program allocation. The GOS program is in its third year of funding. Currently the program is funding about 600 students. With the \$2.2 million this year, the programs should be able to fund an additional 250 to 300 students. A one percent reserve is set aside for GOS students transferring from a two-year to a four-year institution so that the scholarship will follow the student. In addition, the remaining \$300,000 will be distributed to institutions based on a weighted score of first-year retention and grade point average.

Executive Foster reported that CCHE is engaged with the high school counselors and principals in nominating students that are capable of going to college but probably will not because of their financial circumstances. The goal is to make sure that we're giving due weight and deference to nominations to the neediest students who might not otherwise go to college.

Staff Recommendation

That the Commission approved the allocations for the 2001-2002 Financial Aid dollars.

Action: Commissioner Hessler moved approval of the staff recommendation. Commissioner Quamme seconded the motion and the motion carried unanimously.

C. **CCHE-Technology Advancement Group Program Funding for Fiscal Year 2001-2002**

Jeanne Adkins, CCHE Director of Policy and Planning, reported that the Colorado Advanced Technology Institute (CATI) program was transferred to CCHE on July 1, 1999, as a result of passage of HB 99-1359. A Science and Technology Committee, chaired by Commissioner Dean Quamme, was created to provide direction for the CCHE-TAG program and to make recommendations concerning funding and programmatic issues affecting CCHE-TAG.

Rick Hum, CCHE Director of Information and Technology, made a brief overview of the proposed grant requests and he outlined how the program has changed under the Commission's direction.

Dr. Luis Cantarero, Executive Director of MICOS Research in Fort Collins; and Merc Mecure, former board member of the old Colorado Advanced Technology Institute and currently a member of the Science and Technology Advisory Committee, briefly outlined the activities of funded programs.

Committee/Staff Recommendation

The Science and Technology Committee recommends approval of the funding totaling \$1,872,496 for nine programs as specified in the Recommended Funding table (Attachment 2). The funding for each individual program is conditional pending successful completion of the FY 1999-2000 programs. The Committee also recommended that the Commission delegate the authority to adjust any individual program amount within the total approved amount to the Executive Director, if any funds are unused. Further, it is recommended that the Commission delegate to the Science and Technology Committee and the Executive Director the authority to approve any additional funding with the uncommitted funds available and to approve funding of the Waste Diversion and Recycling project grants from the Advanced Technology Fund. The staff will provide a written report of the remaining awards and fund balances to the Commission.

Action: Commissioner Stewart moved approval of the committee and staff recommendation. Commissioner Farina seconded the motion and the motion carried unanimously.

VI. Items for Discussion and Possible Action

A. Teacher Education Appeals

CCHE policy states that any governing board may file an appeal at the June meeting if it wishes to challenge the Commission's action on a particular degree program decision. No appeals were filed with the Commission.

VII. Written Reports for Possible Discussion

A. Teacher Education Statewide Report

The Commission accepted the Teacher Education Statewide Report. The report states that the Commission has approved 284 undergraduate degree programs, 45 post-baccalaureate programs for initial licensure, and an additional 79 degree programs for special licensure or a total of 408 teacher education programs.

B. Degree Program Name Change: University of Northern Colorado

The Commission accepted the degree program name changes as approved by the Executive Director as follows:

1. Institution: University of Northern Colorado
Current Program Name: Technical and Resource Management (B.A.T.)
New Name: Resource Development
Rationale: After CCHE approved this new degree program in June 2000, the university discovered that the title created confusion between the B.A.T. degree and the business management degree program in the School of Business. The revised program name with its emphasis on development reflects the content of the B.A.T. program, but resolves the conflict with management. Technical clarification only.
Scope of Proposed Change: Curriculum and degree requirements remain the same.

C. Program of Excellence Report

The Commission accepted the Program of Excellence 2000 Report.

D. Report on Out-of-State Instruction

The Executive Director has approved the following out-of-state instruction.

The Board of Trustees of The State Colleges in Colorado has submitted a request for approval for courses to be delivered out-of-country by Western State College in Puebla, Mexico from May 27 through June 23, 2001.

- SPAN 490 Workshop in Mexico, Civilization and Culture of Mexico or
- SPAN 497 Workshop in Mexico, Civilization and Culture of Mexico II
(This course is for students returning to Mexico for a second time.)
- SPAN 490 Workshop in Mexico, Language and Society or
- SPAN 497 Workshop in Mexico, Language and Society
(This course is for students returning to Mexico for a second time.)

The Board of Trustees of The State Colleges in Colorado has submitted a request for the approval of a series of seven out-of-state courses to be delivered by Adams State College in Wailuku, Hawaii.

- ED 589 The Dynamics of Classroom Interaction, July 30–August 3, 2001
- ED 589 Quality Teaching/Quality Living, October 15–20, 2001
- ED 589 Health Personality Types, October 22–27, 2001
- ED 589 Dealing with Change, January 21–26, 2002
- Ed 589 Healthy Interventions for High Risk Behaviors, January 28–February 2, 2002
- ED 589 Getting Along with Different Personality Types, March 18–23, 2002
- ED 589 Positive Communications, March 25–29, 2002

The Board of Trustees of The State Colleges in Colorado has submitted a request for the approval of an out-of-state course to be delivered by Adams State College in Wheatland, Iowa.

- ED 589 Promoting Higher Order of Thinking Skills, August 13–17, 2001

The Board of Regents of the University of Colorado has submitted a request for an out-of-state instructional program, which was delivered by the University of Colorado Health Sciences Center.

Resistance and Sequencing of Antiretroviral Therapy” which has been scheduled to be offered in New York, New York; Miami, Florida; and Houston, Texas; on April 28, 2001, May 19, 2001, and June 2, 2001, respectively.

E. Concept Paper

1. Master's of Art Degree in Applied Geography Science at the University of Colorado at Colorado Springs

The Regents of the University of Colorado have submitted a concept paper for a Master's of Arts degree in Applied Geography at the University of Colorado at Colorado Springs. The program is intended to meet employer demands for professionals with skills to address environmental issues. The proposed degree complements the strengths of the GES faculty and builds on UCCS's B.A. in Geography and Environmental Studies. The Commission accepted the concept paper.

Action: Commissioner Greenberg moved to adjourn the meeting. Commissioner Quamme seconded the motion and the meeting adjourned at 12:30 p.m.

Following the meeting, Dr. John Trefney, President of the Colorado School of Mines, was joined by CSM alumni who discussed their experience at CSM and their current employment status.