REGULAR MEETING OF THE
OREGON STATE BOARD OF HIGHER EDUCATION

June 16, 1995

ROLL CALL

MINUTES APPROVED

PRESIDENT'S REPORT

Introduce New Board Members:  T. Imeson, G. McAllister,
   M. Rhinard, A. Waddy
Introductions, Announcements

CHANCELLOR'S REPORT

ACTION ITEMS

   Presidential Appointments, UO & SOSC
   Appointment J. Cox as Permanent Chancellor
   Presidential Search, OSU
   Nominating Committee

CONSENT AGENDA

   Academic Affairs
   B.S. in Applied Environmental Sciences, OIT

ADJOURNMENT TO RENEWAL WORK SESSION
OREGON STATE BOARD OF HIGHER EDUCATION
MINUTES OF REGULAR MEETING
LARGE CONFERENCE ROOM
NORTH WILLAMETTE RESEARCH AND EXTENSION CENTER (NWREC)
AURORA, OREGON

ROLL CALL

The meeting of the State Board of Higher Education was called to order at 8:30 a.m. by President Les Swanson.

On roll call, the following answered present:

Dr. Herb Aschkenasy  Ms. Esther Puentes
Ms. Diane Christopher  Mr. George Richardson
Mr. Bobby Lee  Ms. Ronda Trotman Reese
Mr. Rob Miller  Ms. Janice Wilson

Mr. Les Swanson, Jr.

Mr. Bailey and Mr. Willis were absent due to conflicts in schedule.

MINUTES APPROVED

The Board dispensed with the reading of the minutes of the following meetings:

- May 19, 1995  Regular Board meeting,
- May 19, 1995  Executive Committee meeting,
- May 24, 1995  Special Board meeting, and
- May 24, 1995  Executive Session.

Dr. Aschkenasy moved and Ms. Christopher seconded the motion to approve the minutes. The following voted in favor: Directors Aschkenasy, Christopher, Lee, Miller, Puentes, Richardson, Trotman Reese, Wilson, and Swanson. Those voting no: none.

PRESIDENT'S REPORT

President Swanson invited Oregon State University President John Byrne to address the Board. Dr. Byrne welcomed the Board to the research center, indicating that as long as he had been president, he had wanted the Board to visit one of the experiment stations. He explained that the stations focus on the commodities produced in the region, and thus North Willamette specializes in berries, nursery plants, and vegetables. He introduced Ron Mobley, director of NWREC, who briefly informed the Board about the role of NWREC in Oregon's agricultural economy.
Mr. Swanson announced the Governor's reappointment of Diane Christopher to another term as Board member. In addition, he welcomed new Board members, Tom Imeson and Gail McAllister, and two new student Board members, Mark Rhinard and April Waddy.

President Swanson welcomed newly appointed Western Oregon State College President Betty Youngblood. Mr. Swanson indicated that President John Byrne has announced his retirement. "He has been a stalwart in the State System, a rock to whom we've all turned on many occasions for his wisdom and leadership." President Swanson thanked him for his years of service. Finally, Mr. Swanson informed the Board that Dr. Bruce Shepard had been named provost of Eastern Oregon State College.

Chancellor Cox extended his welcome to new Board members and Dr. Youngblood as well. The Chancellor reminded the Board that the selection and appointment of State System leadership is the single most important activity of the Board. Within that context, Dr. Cox thanked Western Oregon State College Interim President Cowart for delaying his retirement for a year in order to serve the institution. "He stepped into the position and the institution not only held together, but moved ahead."

At the May Board meeting, President Swanson indicated that the Executive Committee had met to discuss the interim presidential appointments: Interim president at the University of Oregon, Dave Frohnmayer; and interim president at Southern Oregon State College, Steve Reno. The Executive Committee recommended the full Board undertake the following process:

1) The Chancellor would meet with the incumbents to ascertain their interest in continuing in the positions.

2) Direct the Chancellor, accompanied by a Board member, to visit each campus and meet with the relevant groups -- faculty, staff, alumni, students, community -- to determine whether or not the Board should initiate a full search process to name permanent people to these positions or retain the incumbents. (Mr. Miller would visit the University of
Oregon and Ms. Christopher Southern Oregon State College.) If the constituent groups express satisfaction with the present arrangement, a request would be forwarded to the Board to suspend the Board's policy on presidential selection and make the interim appointments permanent.

The Chancellor and representative Board members have completed those visits and, based upon the input received from constituent groups, have submitted the attached recommendation.

**Staff Recommendation to the Board**

Staff recommended the Board accept the aforementioned letters of recommendation and permanently appoint Dave Frohnmayer as president of the University of Oregon and Steve Reno, president of Southern Oregon State College.

**Board Discussion and Action**

Chancellor Cox highlighted the intensive consultation process that led to the above recommendation regarding permanent appointments for President Frohnmayer and President Reno to the University of Oregon and Southern Oregon State College, respectively. "Scarcely have I ever stepped onto a campus and gotten anything like the overwhelming ground-swell of support that I got for these two people. The overwhelming sentiment was that we move forward, that we're not going to find anyone with whom to trade these wonderful men. It speaks to the quality of the pipeline in our State System that these two men stepped up from the ranks." Board members Miller and Christopher echoed the Chancellor's findings.

Board Secretary Thompson noted that a motion to approve the staff recommendation included suspension of the Board's usual policy regarding presidential searches, in addition to removing "interim" from their titles.

Ms. Wilson moved and Mr. Miller seconded the motion to approve the staff recommendation. The following voted in favor: Directors Aschkenasy, Christopher, Lee, Miller, Puentes, Richardson, Trotman Reese, Wilson, and Swanson. Those voting no: none.

President Frohnmayer accepted the appointment and thanked the Board, the Chancellor, and his fellow presidents for the honor and opportunity. He
publicly recognized their work in reversing the legislature's perspective of higher education. "I am very challenged, honored, and humbled, and will do my very best to live up to the high expectations and enormous degree of confidence."

President Reno accepted the appointment, agreeing with Thomas Aquinas' statement that every great teacher stands on the shoulders of the one before. "At Southern Oregon State College, that is the case. I am extremely grateful to Joe (Cox) for the tone and vision and feeling of family that he instilled there. It has been a pleasure working with him, first as provost and then as interim president." He noted that, in his six years at Southern Oregon State College, Dr. Reno has spent five years cutting budgets, and he looks forward to building again. He thanked the Board for their expression of trust and support.

President Swanson announced that the Board also performed a similar assessment of the work of Chancellor Cox. "Having reached those constituencies, and having discussed with fellow Board members the Chancellor's performance and qualifications for the job, it's my conclusion, and the conclusion of others, that we should make his appointment permanent. He has served us in all aspects of our work -- with institutions, with his own staff, with the Board, and with the legislature. Without a vice chancellor for public affairs, he has carried the work of the legislature and done a tremendous job. We're immensely proud of Dr. Cox. I would ask for a motion to suspend the Board policy as it relates to the search for a Chancellor, and make his appointment permanent."

Mr. Richardson moved and Ms. Wilson seconded the motion to suspend Board policy regarding search and appointment of a Chancellor, and make the appointment of Chancellor Joseph Cox permanent. The following voted in favor: Directors Aschkenasy, Christopher, Lee, Miller, Puentes, Richardson, Trotman Reese, Wilson, and Swanson. Those voting no: none.

"I'm not often without words," said Chancellor Cox. "This may qualify as one of those occasions. The level of confidence and trust is awing, daunting, and inspiring. I take that challenge and promise you 105 percent."

Ms. Wilson noted that, as the Board president at the time of Dr. Cox's appointment as interim Chancellor, she can say that he has met and
exceeded all the challenges put before him. "You are an outstanding consensus builder," she concluded.

President Swanson announced that the Board members serving on the presidential Search Committee for Oregon State University are Rob Miller, chair; Herb Aschkenasy; and Diane Christopher.

Staff members, working with President Byrne, have prepared a preliminary position description and statement of qualifications.

Staff Recommendation to the Board

Staff recommended Board approval of the following position description and statement of qualifications to be used by the Search Committee for the president of Oregon State University.

The Oregon State Board of Higher Education invites applications and nominations for the position of President of Oregon State University. The President, the chief executive officer of the University, serves under the general direction of the Chancellor according to policy set by the Board. The appointment will be effective winter 1996.

Oregon State University, Oregon's oldest state-assisted university, was founded in 1868. The University, internationally respected for teaching, research, and public service, is Oregon's Land, Sea, and Space Grant university, and is classified as a Carnegie Research University I.

Students come to OSU from every state in the nation and from about 90 countries to pursue undergraduate and graduate degrees in 217 distinct academic programs. With an enrollment of more than 14,000, OSU's colleges prepare students in agricultural sciences, business, engineering, forestry, health and human performance, home economics and education, liberal arts, oceanography and atmospheric sciences, pharmacy, science, and veterinary medicine.

A distinguished faculty of some 2,000 scholars attracts more than $110 million each year in external research grants. OSU faculty are at the forefront of developments in electronic communications, biotechnology, computer and marine science, advanced materials, family studies, and human and environmental health.
The University operates the Oregon State Extension Service in all 36 counties of the state, administers the Hatfield Marine Science Center in Newport, and a seafood laboratory in Astoria. OSU operates 10 branch agricultural research and development stations, a forest research laboratory, manages a number of research forests, and has a conference/education center in Portland.

OSU's 419-acre main campus is located in Corvallis, one of America's most livable small cities. With nearby parks, shopping, and recreation, Corvallis is accessible by bus, Amtrak, and limousine service from air transportation in Eugene (45 miles south) and Portland (90 miles north). Interstate 5 connects OSU to major west coast centers while state highways link OSU to Oregon's mountain and coastal recreation areas.

Oregon State University is one of eight colleges and universities within the Oregon State System of Higher Education.

Qualifications:

- An earned doctorate or other appropriate terminal degree in a field of teaching and research in one of the major areas of endeavor at Oregon State University.

- Demonstrated evidence of significant achievement and experience in teaching, research, and service.

- Demonstrated record of progressively responsible administrative leadership essential for management of a large, complex academic and research university.

- Record of commitment to and understanding of affirmative action and equal educational and employment opportunities.

- Significant experience and achievement in securing resources and other important forms of support from external organizations and individuals for university programs.

- Record of high level of commitment to the maintenance and enhancement of the unique environment of the university within which the development, study, testing, and communication of ideas can occur.
• Proven ability to represent the university and to interact effectively and actively with students, faculty, staff, alumni, business and industry, legislators, other important groups, and the public on an individual and a group basis in order to develop programs and relationships essential to the continued success of the university.

• Demonstrated understanding of the history and philosophy of the Land Grant university and a vision of the future role of a Land Grant university in today's world.

APPLICATIONS:

To assure full consideration, nominations and applications should be received by (date to be announced), 1995. All inquiries, nominations, and applications will be held in strictest confidence. All materials should be addressed to:

Chair
OSU Search Committee
Corvallis, OR 97331

The Oregon State System of Higher Education is an Equal Opportunity and Affirmative Action employer. Women, minorities, and members of underrepresented groups are encouraged to apply.

Board Discussion and Action

President Swanson presented the statement of qualifications and position description for president of Oregon State University to the Board for discussion and action. Mr. Miller asked if the search would be limited by the requirement of "an earned doctorate or other appropriate degree." In essence, if a candidate had extraordinary credentials other than a terminal degree, shouldn't that candidate still be eligible for consideration by the committee? Mr. Richardson agreed and shared with the Board a similar situation he had faced as a committee member in an earlier search. After discussing the various possibilities, the Board agreed to amend the qualifications as follows:

(Note: bold indicates addition; shaded indicates deletion.)
Preferred Qualifications

- An earned doctorate, or other appropriate terminal degree, or extraordinary accomplishment in a field of teaching and research in one of the major areas of endeavor at Oregon State University.

It was also pointed out that clarifying language regarding the appointment date should be added. The Board recommended the following:

The appointment will be effective winter 1995-96.

Dr. Aschkenasy asked if knowledge of the history and philosophy of the land grant university was necessary. President Byrne responded with an unqualified, "Yes. It's fundamental because the land grant university is so different in dimension and philosophy of service than most colleges and universities. Without that, you destroy the uniqueness and effectiveness."

Mr. Swanson indicated that the Search Committee would further refine the statement of qualifications, and asked for a motion regarding the amendments to the position description/qualifications. Ms. Wilson moved to accept the position description/qualifications as presented to the Board, with the two amendments noted by Mr. Swanson. The following voted in favor: Directors Aschkenasy, Christopher, Lee, Miller, Puentes, Richardson, Trotman Reese, Wilson, and Swanson. Those voting no: none.

Rob Miller, chair of the Nominating Committee, presented the following slate of officers for Board approval: president, Les Swanson; vice president, Herb Aschkenasy; Executive Committee, Les Swanson, Herb Aschkenasy, Bob Bailey, Diane Christopher, and Rob Miller. Mr. Miller moved and Ms. Wilson seconded the motion to approve the slate of officers presented by the Nominating Committee. The following voted in favor: Directors Aschkenasy, Christopher, Lee, Miller, Puentes, Richardson, Trotman Reese, Wilson, and Swanson. Those voting no: none.

Overview

Emerging occupations related to managing, restoring, and protecting the environment have prompted the development of new degree programs at the State System's colleges and universities in the last few years. These
programs reflect the growth in jobs related to the environment requiring at least a baccalaureate.

OSSHE campuses have developed distinctive programs consistent with their respective strategic directions. For example, the University of Oregon and Southern Oregon State College offer Environmental Studies programs with a liberal arts direction that combine coursework in the humanities, social sciences, and sciences. Oregon State University's Environmental Sciences program will develop scientists with the ability to analyze and understand environmental systems, to predict environmental change, and to participate in the management of the environment. The Applied Environmental Sciences program proposed by Oregon Institute of Technology stresses the highly skilled technologies, methods, and practice of environmental assessment needed to design, implement, and interpret the results of measurement programs. The Academic Council is currently reviewing a proposal from Oregon State University for a new academic program in Environmental Engineering concentrating on sciences, engineering science, and design, which is expected to be reviewed by the Board in the near future.

These State System programs provide an array of baccalaureate options for complex and interdisciplinary knowledge needed to address specific environmental issues and problems by scientists, technicians, administrators, policy analysts, and educators. According to the Oregon Employment Department, graduates of these environmental programs have reasonable employment opportunities in Oregon. Graduates are likely to be hired by a variety of public and private sector organizations. Although there is a supply of graduates in biological, physical, chemical, and engineering sciences in the workforce, unemployment tends to be low. Growth in demand for environmental professionals is expected to be slightly faster than the growth in the economy in Oregon as a whole. Further, the interdisciplinary nature of these programs provides the broader focus necessary for the workforce of today and tomorrow as the complex problems we face require intraprofessional examination for their solution. OSSHE graduates of these environmental programs with liberal arts, scientific, or technological directions should be advantaged in a competitive economy.
Staff Analysis

1. Relationship to Mission

The mission of Oregon Institute of Technology focuses on computer-intensive, industry-sensitive education. The proposed environmental program is highly technical and requires extensive mathematical and computer-related skills. The Bachelor of Science in Applied Environmental Sciences (AES) is a degree in science methodology and applied analysis. Oregon Institute of Technology has recently completed a comprehensive strategic plan that gives top priority to implementation of an applied environmental science program.

2. Evidence of Need

Projected enrollment for the first year is approximately 20 students who are high achievers in math and science. Some currently enrolled Oregon Institute of Technology students would transfer from general studies. The environmental core of six courses has been developed in partnership with Portland State University and two community colleges (Clatsop Community College in Astoria and Lower Columbia College in Longview, Washington) in order to provide opportunities for transfer students. Portland State University recently received a National Science Foundation grant to facilitate the partnership to design and implement some lower division core courses in 1995-96. It is expected that some students who begin at one of the other institutions will transfer to Oregon Institute of Technology's program. The proposed program, when fully operational, can accommodate up to 200 students in total.

Oregon Institute of Technology surveyed 27 businesses to assess the supply and demand for individuals with bachelor's degrees with skills in data acquisition, analysis, computer modeling, statistics, and team-based problem solving acquired in a technically oriented program related to the environment. Survey results support implementing the program leading to a B.S. in Applied Environmental Sciences. The program will serve the regional and state needs of students who seek a strong undergraduate degree with a science, math, and technology emphasis. Although there are several environmental programs in the northwest region, none offers the
technical and quantitative emphasis of the proposed program. Graduates of this proposed program are likely to hold jobs as geographic information systems (GIS) specialists, computer modelers, data interpretation experts, scientific consultants, or technical writers.

3. Quality of the Proposed Program

The B.S. degree in Applied Environmental Sciences is rigorous and project oriented. For environmental careers using both sciences and engineering in an applied manner, the proposed program provides the opportunity to acquire relevant knowledge and skills needed in the workplace. The Department of Natural Sciences in the School of Health, Arts, and Sciences would offer the proposed program. The Department of Natural Sciences has recently been reorganized by combining the biology and chemistry faculty of Health Technologies and the physics faculty from the Department of Mathematics and Physics.

4. Adequacy of Resources to Offer the Program

Faculty. The interdisciplinary program builds on basic sciences, mathematics, and environmental cores. Existing courses and course sections will be used in nearly all math and the basic sciences cores. For the environmental core, regular full-time faculty will teach courses in teams with fractional FTEs. Two new faculty would be added in geosciences and environmental sciences in 1996-97 and 1997-98 to implement the proposed program. Adjunct faculty will be used to teach some class modules related to their occupation and to assist with student projects in the field.

Infrastructure Investment. Additional library holdings, supplies and equipment are needed to support the proposed program. Oregon Institute of Technology currently has the buildings and laboratories necessary to offer the proposed program. No special or new facilities are required at this time. Private funds are being sought for equipment purchases.

Budget Impact. No new state funds are needed to implement the program, which has recurring costs of approximately $146,000 beginning in year three. The allocation of resources for materials
and staffing is proposed in the current budget, subject to program approval: $20,475 in year one, $89,275 in year two, $145,525 in year three, and $146,025 in year four. No impact is projected on other existing programs and no other programs will lose resources. Resources to staff this program are based on projected savings related to retirements not replaced and shifting faculty from low enrollment courses to realize productivity improvements.

Federal funds will be used in years one and two for a total of $20,000 to develop a six-course block of lower division environmental courses with Portland State University, which was awarded a grant from the National Science Foundation. These courses would be transferable directly to the environmental programs at Oregon Institute of Technology, Portland State University, Clatsop Community College (Astoria), or Lower Columbia Community College (Longview, Washington).

**Program Review**

The proposed program has been reviewed by all appropriate institutional committees and a survey of employers was conducted to ascertain if the proposed program resonated with their needs. The program proposal was reviewed positively by the Academic Council. Staff review included input received from the Oregon Employment Department.

**Staff Recommendation to the Board**

Staff recommended the Board authorize Oregon Institute of Technology to establish a program leading to the Bachelor of Science degree in Applied Environmental Sciences, effective fall term 1995, with a follow-up review of the program to be conducted by the State System Office of Academic Affairs in the 2001-02 academic year in conjunction with a review of all other baccalaureate environmental programs offered by the State System to explore further opportunities for collaboration among OSSHE colleges and universities and opportunities for productivity enhancements. The proposal will be placed on the consent agenda for final action at the next Board meeting.

**Board Discussion and Action (May 19, 1995)**

Ms. Christopher moved and Mr. Miller seconded the motion to approve the staff recommendation and place the item on the consent agenda for final
action at the next Board meeting. The following voted in favor: Directors Aschkenasy, Bailey, Christopher, Lee, Miller, Puentes, Willis, Wilson, and Swanson. Those voting no: none.

Board Discussion and Action (June 16, 1995)

Mr. Richardson moved and Dr. Aschkenasy seconded the motion to approve the staff recommendation. The following voted in favor: Directors Aschkenasy, Christopher, Lee, Miller, Puentes, Richardson, Trotman Reese, Wilson, and Swanson. Those voting no: none.

ADJOURNMENT The Board meeting adjourned at 9:15 a.m. and convened the Renewal Work Session.

Virginia L. Thompson
Secretary of the Board

Les Swanson, Jr.
President of the Board