Grant of $58,000 from the U.S. Air Force, Mt. Rainier, Maryland, for research entitled, "Non-verbal Communication and Personal (interpersonal) Characteristics," May 1, 1974, through June 30, 1975, under the direction of Dr. Arthur N. Wiens, Professor of Medical Psychology.


Grants totaling $2,690,976 from the U.S. Public Health Service, Rockville, Maryland, for research, training programs, and other purposes, as follows:

1. $477,995 - "Oregon Regional Medical Program," January 1, 1974, through June 30, 1975, under the direction of Dr. Julian S. Reinschmidt, Professor and Coordinator, Oregon Regional Medical Program.
2. $280,581 - "Oregon Regional Medical Program," September 1, 1972, through June 30, 1974, under the direction of Dr. Julian S. Reinschmidt, Professor and Coordinator, Oregon Regional Medical Program.
3. $3,383 - "Studies in Cryobiology," January 1 through December 31, 1974, under the direction of Dr. Stanley W. Jacob, Associate Professor of Surgery.
4. $17,682 - "Graduate training program in Multidisciplinary Basic Research in Dermatology," July 1, 1973, through June 30, 1975, under the direction of Dr. Walter C. Lobitz, Jr., Professor and Chairman, Department of Dermatology.
5. $41,539 - "Nature of Pyruvate Kinase Isozyme Change in Neoplasia," May 1, 1974, through April 30, 1975, under the direction of Dr. John A. Black, Associate Professor of Biochemistry and Medical Genetics.
6. $45,458 - "Graduate training grant in Angiography and Cardiovascular Radiology," July 1, 1973, through June 30, 1975, under the direction of Dr. Charles T. Dotter, Professor and Chairman, Department of Diagnostic Radiology.
7. $36,877 - "Selective Erythrocyte Repopulation," April 1, 1974, through March 1, 1975, under the direction of Dr. Bernard Pirofsky, Head, Division of Allergy and Immunology.
8. $26,565 - "Rheological Behavior of Erythrocyte Suspensions," May 1, 1974, through April 30, 1976, under the direction of Dr. Geoffrey V. F. Seaman, Associate Professor of Neurology.
9. $7,824 - "Graduate training program in Endocrinology," April 1, 1974, through June 30, 1975, under the direction of Dr. Monte A. Greer, Professor and Head, Division of Endocrinology.
10. $4,446 - "Graduate training program in Biochemistry," July 1, 1973, through June 30, 1974, under the direction of Dr. Richard T. Jones, Professor and Chairman, Department of Biochemistry.
11. $132,917 - "Graduate training program in Medical Cardiology," July 1, 1973, through June 30, 1975, under the direction of Dr. Frank E. Kloster, Associate Professor and Head, Division of Cardiology.
12. $51,613 - "Effect of Function on Grafts and Implants of Collagen," May 1, 1974, through April 30, 1975, under the direction of Dr. William W. Krippelahue, Professor and Chairman, Department of Surgery.
13. $65,531 - "Synthesis and Phagocytosis in Ocular Neuroepithelia," May 1, 1974, through April 30, 1976, under the direction of Dr. Lynette Feeney, Assistant Professor of Ophthalmology.

14. $44,653 - "Neural Control of ACTH Release," May 1, 1974, through April 30, 1975, under the direction of Dr. John W. Kendall, Professor and Head, Division of Diabetes and Metabolism.

15. $6,000 - "Neuroendocrine and Thyroid Physiology," April 1, 1974, through March 31, 1975, under the direction of Dr. Monte A. Greer, Professor and Head, Division of Endocrinology.

16. $75,316 - "Effect of Female Sex Hormones on the Circulation," May 1, 1974, through April 30, 1975, under the direction of Dr. James Metcalfe, Professor of Cardiology.

17. $31,090 - "Malignant and Genetic Alterations in Human Cells," under the direction of Dr. Robert D. Koler, Professor and Head, Division of Medical Genetics.

18. $417 - "Postdoctoral fellowship supply allowance for James A. Rademacher," April 9 through September 8, 1974, under the direction of Dr. James A. Rademacher, Postdoctoral Fellow in Anatomy, and Dr. Robert L. Bacon, Professor of Anatomy.

19. $21,426 - "Graduate Nursing Loans," July 1, 1973, through June 30, 1974, under the direction of Mr. M. R. Parelius, Business Manager.

20. $1,190 - "Graduate Nursing Scholarship Program," July 1, 1973, through June 30, 1974, under the direction of Mr. M. R. Parelius, Business Manager.

21. $195,923 - "Investigations of Agents Which Damage the Ear," May 1, 1974, through October 30, 1975, under the direction of Dr. Jack A. Vernon, Professor of Otalaryngology.

22. $24,000 - "Structure and Function of Transfer RNA," July 1, 1974, through June 30, 1975, under the direction of Dr. Michael Litt, Professor of Biochemistry.

23. $30,741 - "Expansion of Nurse Training in Basic Science," June 1, 1974, through May 31, 1975, under the direction of Dr. Jack L. Keyes, Assistant Professor of Physiology.

24. $75,128 - "Nursing training program for Development of Continuous Progress Instruction in Medical Surgical Nursing," June 1, 1974, through May 31, 1975, under the direction of Dr. Gerald W. Miller, Associate Professor of Medical Surgical Nursing.

25. $5,823 - "Steroidal Regulation of Active Sodium Transport," June 1, 1973, through August 31, 1974, under the direction of Dr. George A. Porter, Associate Professor and Head, Section of Renology.

26. $107,118 - "Mechanisms of Oxygen Metabolism," June 1, 1974, through May 31, 1975, under the direction of Dr. Howard S. Mason, Professor of Biochemistry.

27. $40,303 - "Graduate training program in Otalaryngology," July 1, 1974, through June 30, 1975, under the direction of Dr. David D. DeWeese, Professor and Chairman, Department of Otalaryngology.

28. $110,250 - "Health Professions Special Projects Grant Program in Family Practice," July 1, 1974, through June 30, 1975, under the direction of Dr. Laurel G. Case, Associate Professor and Head, Division of Family Practice.
29. $110,161 - "Study of the genetic aspect of crippling conditions," July 1, 1973, through June 30, 1974, under the direction of Dr. Victor D. Menashe, Director, Crippled Children's Division, and Mr. Jerry O. Elder, Assistant Director, Crippled Children's Division.

30. $8,856 - "Graduate training program in Ophthalmology," July 1, 1973, through June 30, 1974, under the direction of Dr. Kenneth C. Swan, Professor and Chairman, Department of Ophthalmology.

31. $3,209 - "Training grant for undergraduate Psychiatric Nursing," July 1, 1973, through June 30, 1974, under the direction of Mrs. Charlotte Markel, Associate Professor of Psychiatric Nursing.

32. $82,836 - "Epidennal Transglutaminase: Role in Keratinization," June 1, 1974, through May 31, 1976, under the direction of Dr. Kirk D. Huepper, Associate Professor of Dermatology.

33. $37,998 - "Primary Binding Tests to Assay Circulating Antibodies," May 1, 1974, through April 30, 1975, under the direction of Dr. Emil J. Bardana, Jr., Assistant Professor of Allergy and Immunology.

34. $75,000 - "Regional Service Center in the Eugene area to provide services to crippled children," July 1, 1973, through June 30, 1974, under the direction of Dr. Victor D. Menashe, Director, Crippled Children's Division, and Mr. Jerry O. Elder, Assistant Director, Crippled Children's Division.

35. $49,556 - "Training Grant for Health Professions Special Project Program for Minority Recruitment," July 1, 1974, through June 30, 1975, under the direction of Dr. Cecil K. Claycomb, Professor and Chairman, Department of Biochemistry.

36. $30,143 - "General Research Program," January 1 through December 31, 1974, under the direction of Dr. Walter L. Gabler, Associate Professor of Oral Biology and Biochemistry.

37. $20,640 - "Psychiatry-Residency Training Program," July 1, 1973, through June 30, 1974, under the direction of Dr. Paul R. McHugh, Professor and Chairman, Department of Psychiatry.

38. $27,671 - "Graduate training program in Psychiatry - GP Special," July 1, 1973, through June 30, 1974, under the direction of Dr. Harold I. Boverman, Professor of Child Psychiatry.

39. $9,176 - "Training program - GP Special Training," July 1, 1973, through June 30, 1974, under the direction of Dr. Paul R. McHugh, Professor and Chairman, Department of Psychiatry.

40. $25,603 - "Undergraduate training program in Psychiatry," July 1, 1972, through June 30, 1974, under the direction of Dr. Paul R. McHugh, Professor and Chairman, Department of Psychiatry.

41. $109,053 - "Polyamine Radioimmunoassay in Cancer," June 1, 1974, through May 31, 1976, under the direction of Dr. Robert A. Campbell, Professor of Pediatrics.

42. $139,285 - "Late Results of Valve Replacement Computer Analysis," June 1, 1974, through May 31, 1975, under the direction of Dr. Albert Starr, Professor of Surgery, Head, Division of Cardiopulmonary Surgery.
Portland State University

Gifts totaling $65,156.66 from the following donors for scholarships and fellowships:

- Bureau of Indian Affairs, Anadarko Area Office, Anadarko, Oklahoma: $1,375.00
- Bureau of Indian Affairs, Western Washington Agency, Hoquiam, Washington: 460.00
- Mr. and Mrs. W. E. Bruckert, Goldendale, Washington: 184.00
- Cleveland High School, Portland: 100.00
- First Presbyterian Church, Portland: 332.00
- Jefferson High School, Portland: 172.00
- Mark Guild for Retarded Children, Portland: 125.00
- Office of the Grand Commissioner of Education, Memphis, Tennessee: 125.00
- Oregon State Scholarship Commission, Eugene: 60,652.00
- Pacific University, Forest Grove: 184.00
- Patrons of Mu Phi Epsilon (Alpha Lambda Chapter), Portland: 225.00
- The Society of Experimental Test Pilots, Lancaster, California: 165.66
- Vancouver Rotary Scholarship, Vancouver, Washington: 200.00
- Washington Natural Gas Company, Seattle, Washington: 200.00
- Washington University, St. Louis, Missouri: 483.00
- Wilson High School, Portland: 166.00

American Heritage Association
- Grant of $200 from the American Heritage Association, Lake Oswego, for registration costs "for a Middle East Study Center overseas program in Jerusalem," January 1 through June 30, 1974, under the direction of Mr. Eric Oulashin, Director, International Education.

American Steel, Inc.
- Grant of $100 from American Steel, Inc., Portland, for a "Donation to Portland State University Football Club," beginning April 10, 1974, under the direction of Mr. R. L. Merrick, Business Manager.

Bonneville Power Administration
- Grant of $1,500 from the Bonneville Power Administration, Portland, "To conduct a course Spring Term 1974 entitled, Math 454: 'Information Structures' and to hire the instructor for this course," March 1 through June 30, 1974, under the direction of Dr. William Jenkins, Dean of Education.

City of Portland
- Grants totaling $15,359 from the City of Portland, Portland, for research and other purposes, as follows:
  1. $8,320 - "For the University's Regional Research Institute to collect data and complete analyses specified in the Juvenile Authority Transitional Probability Analysis (JATPA)," March 1 through June 30, 1974, under the direction of Dr. Arthur Emlen, Director of the Regional Research Institute.
  2. $7,039 - "For the technical services of the University's Regional Research Institute in evaluating the City's Youth Diversion Project," March 1 through June 30, 1974, under the direction of Dr. Arthur Emlen, Director of the Regional Research Institute.

David Douglas Public Schools
- Grant of $1,011 from the David Douglas Public Schools, Portland, "To conduct a course Spring Term 1974 entitled, Ed 407/507: 'Career Awareness for Elementary Teachers' and to hire the necessary instructor for this course," March 1 through June 30, 1974, under the direction of Dr. William Jenkins, Dean of Education.
<table>
<thead>
<tr>
<th>Source</th>
<th>Grants totaling $43,616 from the Educational Coordinating Council, Salem, for the following purposes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>$9,110 - &quot;For the improvement of undergraduate instruction,&quot; June 15, 1974, through June 15, 1975, under the direction of Dr. Sumner M. Sharpe, Assistant Professor of Urban Studies and Geography.</td>
</tr>
<tr>
<td>2.</td>
<td>$21,443 - &quot;A Cross-Discipline Task Force: Arts and Ideas,&quot; June 1, 1974, through June 30, 1975, under the direction of Dr. James Hart, Acting Co-Director of The University Scholars Program.</td>
</tr>
<tr>
<td>3.</td>
<td>$13,093 - &quot;For the production and use of Video Tape Mini-Lessons in the Open General Physics Laboratory,&quot; April 1, 1974, through September 30, 1975, under the direction of Mrs. M. Dawn Dressler, Senior Instructor, Physics.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Source</th>
<th>Grants totaling $300 from the Evans Products Company Corporate Account, Portland, for the following purposes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>$200 - &quot;Portland State University - Model United Nations,&quot; under the direction of Mr. William D. Williams, Associate Dean for Students.</td>
</tr>
<tr>
<td>2.</td>
<td>$100 - &quot;To enhance Indian Education,&quot; beginning April 11, 1974, under the direction of Mr. Tom Jones, Indian Education Project.</td>
</tr>
</tbody>
</table>

| Source                                             | Grant of $100 from the First National Bank of Oregon, Portland, for the "Portland State University - Model United Nations," under the direction of Mr. William D. Williams, Associate Dean for Students. |

| Source                                             | Gift of $250 from Mrs. W. Holmes, Portland, for the "Portland Summer Concerts," June 20 through August 6, 1974, under the direction of Dr. Charles M. White, Director of Summer Session. |

| Source                                             | Grant of $4,806 from the Joint Committee for the Humanities, Portland, for a conference entitled, "Coping with Crisis: Energy and the Human Environment," April 15 through October 15, 1974, under the direction of Dr. Sumner Sharpe, Assistant Professor of Urban Studies. |

| Source                                             | Gift of $215 from Chad Kerr, Portland, for the "Social Science Gift Account," under the direction of Dr. George Hoffman, Dean, College of Social Science. |

<table>
<thead>
<tr>
<th>Source</th>
<th>Grants totaling $59,793 from the National Science Foundation, Washington, D.C., for research and other purposes, as follows:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>$36,093 - &quot;An Instruction Improvement Implementation Program for one 3-week inservice leadership training session during the 1974 summer, plus support for 14 inservice classes during the fall of 1974,&quot; March 15, 1974, through February 28, 1975, under the direction of Dr. Harold C. Jorgensen, Associate Professor of Education.</td>
</tr>
<tr>
<td>2.</td>
<td>$14,200 - &quot;Mossbauer Studies of Dilute Iron Sites in Metals,&quot; August 1, 1971, through February 28, 1975, under the direction of Dr. Rudi Nussbaum, Professor of Physics.</td>
</tr>
<tr>
<td>3.</td>
<td>$9,500 - &quot;Undergraduate Research Participation,&quot; March 15, 1974, through May 31, 1975, under the direction of Dr. Jon L. Opsal, Assistant Professor of Physics.</td>
</tr>
</tbody>
</table>

| Source                                             | Grant of $100 from the North Pacific Lumber Company, Portland, for the "Portland State University - Model United Nations," under the direction of Mr. William D. Williams, Associate Dean for Students. |

| Source                                             | Grant of $100 from Omak Industries, Portland, for the "Portland State University - Model United Nations," under the direction of Mr. William D. Williams, Associate Dean for Students. |
Oregon Arts Commission
Grant of $800 from the Oregon Arts Commission, Salem, "For use on the lecture and exhibit by Robert Venturi and Denis Scott," April 1 through June 30, 1974, under the direction of Miss Cynthia Ripley, Visiting Lecturer.

Oregon Council on Economic Education
Grant of $175 from the Oregon Council on Economic Education, Portland, for registration of students in a course entitled, "SSC 408/508, Economic and Political Science for Social Science Teachers," September 15 through December 31, 1973, under the direction of Dr. Richard Halley, Head of Economics.

Oregon Mathematics Education Council
Grants totaling $62,449 from the Oregon Mathematics Education Council, Salem, for the following purposes:

1. $36,723 - "Mathematics Workshop for Area I and Area III Elementary School Teachers," May 8, 1974, through June 30, 1975, under the direction of Mrs. Mildred Bennett, Professor of Mathematics.

2. $25,726 - "PSU Summer Program for Junior High and High School Teachers," May 8, 1974, through June 30, 1975, under the direction of Dr. Marjorie Enneking, Assistant Professor of Mathematics.

Pacific Northwest Forest & Range Experiment Station
Grant of $1,000 from the Pacific Northwest Forest and Range Experiment Station, Portland, for a project entitled, "Who Doesn't Participate in Resource Decisions and Why?" May 30, 1974, through December 31, 1975, under the direction of Dr. Lee J. Haggerty, Assistant Professor of Sociology.

Pacific Power & Light Co.
Grant of $100 from the Pacific Power and Light Company, Portland, for the "Portland State University - Model United Nations," under the direction of Mr. Howard Dahlstrom, Administrative Officer, Educational Activities.

Portland Public Schools
Grant of $174 from the Portland Public Schools, Portland, "For an off-campus credit program entitled 'Dance Movement in Elementary Classrooms' which was offered to District employees and others Fall and Winter terms 73-74," October 1, 1973, through March 31, 1974, under the direction of Dr. William Jenkins, Dean of Education.

PSU Foundation
Grants totaling $30,000 from the Portland State University Foundation, Portland, for the following purposes:


2. $500 - "To support football coaches' salaries," under the direction of Mr. Roy Love, Director of Athletics.

Riviera Motors, Inc.
Gift of $150 from the Riviera Motors, Inc. (Larry Meyers), Portland, for a "Donation to Portland State University Football Club," beginning April 12, 1974, under the direction of Mr. R. L. Merrick, Business Manager.

U.S. Atomic Energy Commission
Grant of $32,438 from the U.S. Atomic Energy Commission, Washington, D.C., "To sponsor two SYNCON Conferences on energy and it's effects on the future of society," April 15, 1974, through April 30, 1975, under the direction of Dr. David T. Clark, Dean of Graduate Studies and Research.

U.S. Dept. of Health, Education & Welfare, National Institute of Environmental Health Science, Research Triangle Park, North Carolina, to "attempt to measure the effects of pesticides on electrical characteristics of lipid membranes," April 1, 1974, through March 31, 1975, under the direction of Dr. Pavel Smojtock, Assistant Professor of Physics.
Meeting #417 -115

U.S. Dept. of Justice, Law Enforcement Assistance Administration

Grant of $4,550 from the U.S. Department of Justice, Law Enforcement Assistance Administration, Seattle, Washington, "To support grants made to Criminal Justice Interns during the summer of 1974," May 7 through August 30, 1974, under the direction of Dr. Richard Streeter, Director of Financial Aids.

U.S. Public Health Service

Grant of $118,563 from the U.S. Public Health Service, Rockville, Maryland, for the support of a training grant entitled, "Social Work Education for Indians and Alaskan Natives," July 1, 1974, through June 30, 1975, under the direction of Mrs. Betty Leonard, Assistant Professor of Social Work.

Gifts to the Library:

Gifts to the Portland State University Library, from various donors, as follows:

Mrs. N.A. Fahlen

Forty-three monographic titles in the areas of history and literature, published in the languages of the Scandinavian countries, from Mrs. N. A. Fahlen, Portland. The gift is valued at $141.

Oregon Historical Society

Collection of serial publications of state historical societies and monographs in the areas of history and science, from the Oregon Historical Society, Portland. The gift is valued at $2,307.

Mr. J.W. Raynor

Four hundred twenty-seven volumes in the areas of the humanities and social sciences, from Mr. John W. Raynor, Portland. The gift is valued at $2,240.

Mr. G. Robinson

Twenty-three periodicals volumes in the areas of speech, communication and language, from Mr. Gary Robinson, Portland. The gift is valued at $115.

Mr. D. Sackett

One hundred thirty-five monographic volumes in the areas of business and finance, from Mr. David Sackett, Portland. The gift is valued at $270.

Oregon College of Education

Scholarships & Fellowships

Gifts totaling $44,427.34 from the following donors for scholarships and fellowships:

- Associated Student Body of Dallas High School, Dallas $ 100.00
- Boise Cascade Corporation, Boise, Idaho 350.00
- Stephen Bufton Memorial Educational Fund, through the Peoples Bank, Kansas City, Missouri 525.00
- Bureau of Indian Affairs 33,910.00
- The Carpenter Foundation, through Medford Senior High School, Medford 100.00
- Confederated Tribes and Bands, Yakima Indian Nation, Toppenish, Washington 200.00
- Delta Kappa Gamma, Alpha Kappa State Tau Chapter, Portland 100.00
- Delta Kappa Gamma, Lambda Chapter, Eugene 100.00
- Drain Plywood Company, Drain 660.00
- Elks Lodge No. 2146, Milton-Freewater 200.00
- Georgia Pacific Foundation, Portland 750.00
- Haines-Chilkoot Business & Professional Women's Club, Haines, Alaska 300.00
- Johnson-Seelye Scholarship Fund, Tigard 300.00
- Josephine County Educational Fund, Grants Pass 166.67
- Kiwals Club of Glide, Glide 200.00
- K. C. Li, Sr. Scholarship, through the Oregon State University Foundation, Corvallis 333.00
- Oasis Odd Fellow Lodge No. 41, Junction City 100.00
- Oregon State Association of Emblem Clubs, Portland 200.00
- Oregon State Chapter PEO, Sweet Home 100.00
<table>
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<tr>
<th>Institution</th>
<th>Grant Amount</th>
<th>Description</th>
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<tr>
<td>Palau Legislature Scholarship, Palau, Western Caroline Islands</td>
<td>$1,000.00</td>
<td>For the course, &quot;Ed 507, Curriculum Development,&quot; March 26 through June 7, 1974, under the direction of Dr. Herman J. Bertram, Professor of History.</td>
</tr>
<tr>
<td>Salem Area PEO Council, Woodburn</td>
<td>$300.00</td>
<td></td>
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<tr>
<td>Sherman County Scholarship Association, Moro</td>
<td>$266.67</td>
<td></td>
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<td>Smith River Lumber Company, Drain</td>
<td>$666.00</td>
<td></td>
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<tr>
<td>Soroptimist Club of Brookings, Brookings</td>
<td>$200.00</td>
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<tr>
<td>South Santiam Educational and Research Foundation, through the Oregon State University Foundation, Corvallis</td>
<td>$1,998.00</td>
<td>For the course, &quot;Ed 509, Curriculum Development,&quot; March 26 through June 7, 1974, under the direction of Dr. Alice Lacock, Assistant Professor of Education.</td>
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<tr>
<td>U. S. Department of the Air Force (R.O.T.C.) Scholarship, Salem</td>
<td>$539.50</td>
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<td>U. S. National Bank Work/College Tuition Scholarship, Portland</td>
<td>$358.00</td>
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<td>Waltonka Booster Club, The Dalles</td>
<td>$130.00</td>
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<tr>
<td>Yakima Dalles Dam Minors Pay Account, through The National Bank of Commerce of Seattle, Seattle, Washington</td>
<td>$268.50</td>
<td></td>
</tr>
<tr>
<td>Amity School District 4J</td>
<td>Grant of $1,350 from the Amity School District 4J, Amity, for the course, &quot;Ed 507, Curriculum Development,&quot; March 26 through June 7, 1974, under the direction of Dr. Herman J. Bertram, Professor of History.</td>
<td></td>
</tr>
<tr>
<td>Canby School District No. 86</td>
<td>Grant of $2,625 from the Canby School District No. 86, Canby, for &quot;establish two classes for the teaching staff of Canby School District No. 86,&quot; April 2 through June 7, 1974, under the direction of Dr. Alice Lacock, Assistant Professor of Education.</td>
<td></td>
</tr>
<tr>
<td>Dayton School District No. 8</td>
<td>Grant of $1,250 from the Dayton School District No. 8, Dayton, for the establishment of a course entitled, &quot;Ed 509, Curriculum Development,&quot; March 26 through June 7, 1974, under the direction of Dr. Alice Lacock, Assistant Professor of Education.</td>
<td></td>
</tr>
<tr>
<td>The Lilly Research Laboratories</td>
<td>Grant of $850 from The Lilly Research Laboratories, Indianapolis, Indiana, for research &quot;on the effect of A-Rest on auxin and gibberellin pathways in cell-free enzyme systems derived from pea shoot tips,&quot; April 1, 1974, through March 31, 1975, under the direction of Dr. Ronald C. Coolbaugh, Assistant Professor of Biology.</td>
<td></td>
</tr>
<tr>
<td>Linfield College</td>
<td>Grant of $1,321 from Linfield College, McMinnville, to &quot;provide a group of professional teachers to evaluate approximately 10 Linfield students who are majoring in the area of Elementary Education,&quot; May 10 through June 30, 1974, under the direction of Mrs. Joan Gengler, Instructor.</td>
<td></td>
</tr>
<tr>
<td>Marion Intermediate Education District</td>
<td>Grant of $4,500 from the Marion Intermediate Education District, Salem, for a summer workshop entitled, &quot;Understanding State and Local Government,&quot; January 1 through August 10, 1974, under the direction of Dr. Leland E. Hess, Professor of Political Science.</td>
<td></td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>Grant of $95,205 from the National Science Foundation, Washington, D.C., &quot;to train 32 elementary teachers of social science and geography in the production of course materials and then have these teachers train other teachers to do the same on an in-service basis,&quot; March 1, 1974, through August 31, 1975, under the direction of Dr. James W. Gallagher, Professor of Geography.</td>
<td></td>
</tr>
<tr>
<td>Oregon Mathematics Education Council</td>
<td>Grant of $1,200 from the Oregon Mathematics Education Council, Salem, for a summer workshop entitled, &quot;Models in Elementary School Mathematics: Primary,&quot; March 7 through July 12, 1974, under the direction of Dr. James A. Barnard, Assistant Professor of Mathematics.</td>
<td></td>
</tr>
<tr>
<td>Oregon Network Board of Associate Special Education Instructional Materials Center</td>
<td>Grant of $1,350 from the Oregon Network Board of Associate Special Education Instructional Materials Center, Bend, for a summer class entitled, &quot;Ed 502, Production of Instructional Materials,&quot; April 30 through June 14, 1974, under the direction of Dr. Richard C. Forcier, Assistant Professor of Educational Media.</td>
<td></td>
</tr>
</tbody>
</table>
School District 24J Grant of $9,023 from School District 24J, Salem, "For courses to Career Opportunities Program participants during spring term 1974 and summer 1974," under the direction of Dr. William Burke, Professor of Health and Physical Education; Mr. William Glaeser, Assistant Professor of Art; Dr. Robert Albritton, Associate Professor of Education; Dr. Elizabeth Hoyser, Associate Professor of Education; and Mr. Gale Davis, Assistant Professor of Education.

State Technical Assistance and Training Office Grant of $1,350 from the State Technical Assistance and Training Office, Portland, "to establish a class for Headstart supervisors entitled Ed 574 'School Supervisor' during spring term 1974," March 26 through June 7, 1974, under the direction of Dr. Elizabeth Hoyser, Associate Professor of Education.

School Supervisor" during spring term 1974,

Southern Oregon College

Mr. M. Arnold Gift of 558 volumes to the Southern Oregon College Library, from Mr. Melvin Arnold, Applegate. The gift is valued at $3,106.

U.S. Dept. of Justice Grant of $7,020 from the U.S. Department of Justice, Washington, D.C., for the "FY74 Summer Internship Program," under the direction of Dr. Ivan R. Polk, Chairman, Law Enforcement Department.

Southern Oregon College Grant of $9,023 from School District 24J, Salem, "For courses to Career Opportunities Program participants during spring term 1974 and summer 1974," under the direction of Dr. William Burke, Professor of Health and Physical Education; Mr. William Glaeser, Assistant Professor of Art; Dr. Robert Albritton, Associate Professor of Education; Dr. Elizabeth Hoyser, Associate Professor of Education; and Mr. Gale Davis, Assistant Professor of Education.

Eastern Oregon State College

Scholarships & Fellowships Gifts totaling $3,003.00 from the following donors for scholarships and fellowships:

Bureau of Indian Affairs, Juneau Area Office, Juneau, Alaska $ 712.00
Bureau of Indian Affairs, Northern Idaho Agency, Lapwai, Idaho 743.00
Bureau of Indian Affairs, Yakima Indian Nation, Toppenish, Washington 250.00
Delta Kappa Gamma, Zeta Chapter, La Grande 285.50
Kamehameha Schools Organizations, Honolulu, Hawaii 250.00
Noz Percé Tribal Executive Committee, Lapwai, Idaho 235.00
Oregon Association for Health, Physical Education and Recreation, Eugene 100.00
Oregon State Bowling Proprietors Association, Salem 100.00
United States National Bank of Oregon, Portland 354.50

Bureau of Indian Affairs Grant of $1,200 from the Bureau of Indian Affairs, Portland Area Office, Portland, "to employ counselors for the participants in the Indian Education Institute," September 1, 1973, through June 30, 1974, under the direction of Mr. William R. McLean, Assistant Professor of Indian Education.

Joint Committee for the Humanities Grant of $1,485.40 from the Joint Committee for the Humanities, Portland, for a series of forums entitled, "Man and the Land: Perspectives on Conflicting Community and Individual Values and their Impact on the Physical and Human Environment," April 1 through June 30, 1974, under the direction of Dr. John P. Preston, Assistant Professor of Geography.

National Science Foundation Grant of $8,380 from the National Science Foundation, Washington, D.C., for research entitled, "Preliminary Survey of Plants and Vertebrates of the Wenaha Drainage," March 5, 1974, through January 31, 1975, under the direction of Dr. S. C. Head, Professor of Biology.

Oregon Mathematics Education Council Grants totaling $17,472 from the Oregon Mathematics Education Council, Salem, for the following purposes:

1. $9,091 - "The operation of a Mathematics Enthusiast Program in Umatilla and Morrow counties," May 1, 1974, through June 30, 1975, under the direction of Dr. R. D. Rutherford, Professor of Education.

2. $8,381 - "To hold a Computer Workshop on the Eastern Oregon State College campus during the 1974 summer session," April 15 through July 31, 1974, under the direction of Dr. Howard Bailey, Professor of Mathematics.
Grants totaling $22,000 from the U. S. Department of Agriculture, Forest Service, Portland, for the following purposes:

1. $19,000 - "A study of the forest habitat associated with the 1972-74 Douglas Fir Tussock Moth Outbreak in northeast Oregon," May 1, 1974, through April 1, 1975, under the direction of Dr. S. Conrade Head, Professor of Biology.

2. $3,000 - "Exploratory Study of Tussock Moth Frass and Litter Production under Douglas-fir and Grand-fir Trees," June 10, 1974, through March 1, 1975, under the direction of Dr. J. D. Campbell, Associate Professor of Chemistry.

Oregon Institute of Technology

Scholarships & Fellowships

Gifts totaling $3,220 from the following donors for scholarships and fellowships:

<table>
<thead>
<tr>
<th>Scholarship/Fellowship</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandon Community Scholarship, Bandon</td>
<td>$410.00</td>
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<tr>
<td>McLaughlin Union High School Scholarship, Milton-Freewater</td>
<td>$200.00</td>
</tr>
<tr>
<td>Pat Olson Memorial Scholarship, Bandon</td>
<td>$100.00</td>
</tr>
<tr>
<td>OIT Faculty Wives Scholarship, Klamath Falls</td>
<td>$200.00</td>
</tr>
<tr>
<td>Pacific Gas Transmission Company, Spokane, Washington</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Presbyterian Intercommunity Hospital-Sterns Memorial Scholarship, Klamath Falls</td>
<td>$200.00</td>
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<tr>
<td>Rotary Foundation Scholarship, Central Point</td>
<td>$110.00</td>
</tr>
<tr>
<td>Chapter AI of PEO Sisterhood, Klamath Falls</td>
<td>$1,000.00</td>
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</tbody>
</table>

Educational Coordinating Council

Grants totaling $27,129.50 from the Educational Coordinating Council, Salem, for research, as follows:

1. $17,386 - "Laboratory Development for Engineering Mechanics Courses," under the direction of Mr. Richard Moore, Assistant Professor of Civil Engineering Technology.

2. $9,743.50 - "Radiographic Positioning Films," under the direction of Mr. Charles Strohkirch, Medical Radiologic.

Insurance Women of Klamath Falls

Gift of $125 from the Insurance Women of Klamath Falls, Klamath Falls, for "Student short-term loans," under the direction of Mr. Gary Weeks, Director of Financial Aids.

Estate of S. C. LaSalle

Gift of $1,235.22 from the Estate of Suzanne C. LaSalle, Klamath Falls, for the "Student Loan Fund," under the direction of Mr. Gary Weeks, Director of Financial Aids.

Medford Mail Tribune

Gift of a Mergenthaler Linotype, Model Elektron, valued at $2,850, from the Medford Mail Tribune, Medford.

U. S. Dept. of Health, Education & Welfare

Grants totaling $7,478 from the U. S. Department of Health, Education and Welfare, Washington, D.C., for the following purposes:

1. $6,896 - "To provide MDTA Culinary Workers Training Program," under the direction of Mr. Charles Erickson, Director of Housing.

2. $582 - "Funds for Basic Educational Opportunity Grant Program," under the direction of Mr. Gary Weeks, Director of Financial Aids.

U. S. Public Health Service

Grant of $4,350 from the U. S. Public Health Service, Washington, D.C., for the "Nursing Student Assistance Programs," under the direction of Mr. Gary Weeks, Director of Financial Aids.
Division of Continuing Education

Joint Committee for the Humanities
Grant of $5,285 from the Joint Committee for the Humanities, Portland, "To underwrite a two-day conference to be held in September, 1974, for the purpose of evaluating the results of programs sponsored by the Oregon Committee for the Humanities," February 1 through October 1, 1974, under the direction of Dr. Kenneth A. Waldroff, Associate Professor.

Oregon Educational Public Broadcasting Service
Corporation for Grants totaling $32,083 from the Corporation for Public Broadcasting, Washington, D.C., for the following purposes:

1. $19,833 - "1974 Radio Community Service Grant for KOAC radio, Corvallis," May 1, 1974, through June 30, 1975, under the direction of Mr. Robert C. Mundt, KOAC Station Manager.

2. $12,250 - "General support grant for KOAP Radio, Portland," May 1, 1974, through June 30, 1975, under the direction of Mr. Luke Roberts, Director, State of Oregon Division.

Teaching Research Division
Child Development Associate Consortium
Grant of $15,550 from the Child Development Associate Consortium, "to conduct a technical review and critique of selected instruments for assessing candidates to be designated as Child Development Associates," April 9 through June 30, 1974, under the direction of Dr. Gerald Gage, Research Professor, Project Director.
Personnel Adjustments & Appointments

It was recommended that the following personnel adjustments and appointments as submitted by the Institutional Executives concerned be approved, the necessary funds being provided in the 1973-74 budgets, or as indicated. Unless otherwise stated, appointments and adjustments in salary, rank, title, and months of service are effective May 1, 1974. The Board approved the recommendation as presented.

<table>
<thead>
<tr>
<th>Oregon State University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floyd Vance Purphrey, Associate Professor, Extension Program in Counties</td>
</tr>
<tr>
<td>(Increase provided in grant for overseas allowance; effective March 1, 1974.)</td>
</tr>
<tr>
<td>Gary W. Sorenson, Associate Professor of Economics</td>
</tr>
<tr>
<td>(In recognition of outstanding service.)</td>
</tr>
<tr>
<td>Herbert H. Stoevener, Professor of Agricultural Economics</td>
</tr>
<tr>
<td>(To retain his services and in recognition of outstanding service; effective April 1, 1974.)</td>
</tr>
<tr>
<td>Timothy Carl Vargas, Assistant Professor, Extension Program in Counties</td>
</tr>
<tr>
<td>(Completion of Masters.)</td>
</tr>
<tr>
<td>Keith Mackleston, Associate Professor, Geography</td>
</tr>
<tr>
<td>(Cost of living increase; effective September 16, 1974.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University of Oregon Medical School</th>
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</thead>
<tbody>
<tr>
<td>Mary B. Meikle, Assistant Professor, Otolaryngology</td>
</tr>
<tr>
<td>(Merit increase provided in grant.)</td>
</tr>
<tr>
<td>Charles R. Lytle, Research Assistant, Neurology</td>
</tr>
<tr>
<td>(Change in position and responsibilities; effective June 1, 1974.)</td>
</tr>
<tr>
<td>Judy Martha Tveidt, Research Assistant, Diagnostic Radiology</td>
</tr>
<tr>
<td>(Merit increase.)</td>
</tr>
<tr>
<td>Terry Ann Enke, Research Assistant, Crippled Children's Division</td>
</tr>
<tr>
<td>(Merit increase.)</td>
</tr>
<tr>
<td>Linda Shanbeck, Research Assistant, Crippled Children's Division</td>
</tr>
<tr>
<td>(Salary conforms with that budgeted for the position on the project budget.)</td>
</tr>
<tr>
<td>Carol Curtice Martin, Research Assistant, Microbiology</td>
</tr>
<tr>
<td>(Merit increase; effective June 1, 1974.)</td>
</tr>
<tr>
<td>Sophia Nin-Chih Fegan, Research Assistant, Microbiology</td>
</tr>
<tr>
<td>(Merit increase; effective June 1, 1974.)</td>
</tr>
<tr>
<td>Richard T. Brown, Research Assistant, Otolaryngology</td>
</tr>
<tr>
<td>(Merit increase.)</td>
</tr>
<tr>
<td>M. Lanier Williams, Assistant Professor, Health Service</td>
</tr>
<tr>
<td>(Serving as Acting Director of Health Service; effective June 15, 1974.)</td>
</tr>
<tr>
<td>J. Peter Bentley, Associate Professor, Biochemistry</td>
</tr>
<tr>
<td>(Merit increase.)</td>
</tr>
<tr>
<td>Curtin Mitchell, Research Associate, Otolaryngology</td>
</tr>
<tr>
<td>(Merit increase.)</td>
</tr>
<tr>
<td>Name</td>
</tr>
<tr>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>Esther Roth, Research Assistant, Biochemistry</td>
</tr>
<tr>
<td>Robert N. Mixon, Research Associate, Ophthalmology</td>
</tr>
<tr>
<td>Richard B. Halley, Professor, Economics</td>
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The following personnel adjustments are for the 1974-75 fiscal year.

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<tr>
<th>Name</th>
<th>Rank and/or Title, Department</th>
<th>No. of Service</th>
<th>1973-74 Salary Rate</th>
<th>Present Salary Rate</th>
<th>Recommended Salary Rate of Funds</th>
<th>Source</th>
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<td>Paul Komar, Associate Professor, Oceanography</td>
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<td>$16,497</td>
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<tr>
<td>LaVerne D. Kuhn, Professor, Oceanography</td>
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<td>20,100</td>
<td>21,765</td>
<td>22,504</td>
<td>Grant</td>
<td></td>
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<td>Mary R. Blankevoort, Instructor, Animal Care Administration</td>
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<td>12,000</td>
<td>12,600</td>
<td>14,000</td>
<td>Budget</td>
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<tr>
<td>Raymond Oliver, Research Associate, Research Instrument Service</td>
<td>12</td>
<td>12,400</td>
<td>12,400</td>
<td>13,400</td>
<td>Budget</td>
<td></td>
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<tr>
<td>Michael Daley, Research Associate, Research Instrument Service</td>
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<td>9,000</td>
<td>Budget</td>
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<td>Julia L. Grach, Assistant Professor, Pediatrics</td>
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<td>18,710</td>
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<td>Budget/Grant</td>
<td></td>
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<tr>
<td>Jean P. Macfarlane, Assistant Professor, Health Service</td>
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<td>12,745</td>
<td>13,255</td>
<td>17,341</td>
<td>Budget</td>
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<td>O. K. McCart, Associate Professor, Auto-Diesel</td>
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<td>13,617</td>
<td>14,403</td>
<td>14,763</td>
<td>Budget</td>
<td></td>
</tr>
</tbody>
</table>

Oregon Institute of Technology
Meeting #417-122

July 23, 1974

President Layman reported that the next regular Board meeting is scheduled for September 24, 1974, on the campus of Oregon College of Education.

Mr. Layman announced that Committee meetings were to be held August 27-28, 1974, on the campus of Portland State University.

Mr. Layman also reminded the Board of the joint meeting with the Board of Education and the Educational Coordinating Council to be held in Salem in September.

The Board recessed until 1:30 P.M., at which time Mr. Layman called the meeting to order. All Board members were present.

At the request of Mr. Layman, Mr. William C. Neland described the remodeling work being done in Room 26 of the Smith Student Center at Portland State University. He said the room would provide food service and an educational activity area when the work is completed. Mr. Neland indicated the art work was based on authentic Viking art and had been designed and executed especially for the room by Mrs. Kay Slusarenko, a local graphic artist.

Mr. Layman said that the July Board meeting is the occasion for the annual election of officers.

Mr. Stewart, Chairman of the Nominating Committee, presented the report of the committee and moved that the following nominations be placed before the Board: Mr. John D. Mosser, President; Mr. George H. Corey, Vice President; and Mrs. Elizabeth H. Johnson, member of the Executive Committee.

There being no further nominations, Mr. Westerdahl moved to close the nominations and to instruct the Secretary of the Board to cast a unanimous vote for the nominees. The Board approved the motion and Mr. Layman declared the above officers duly elected.

Mr. Layman said that in his public career he had held chairmanships of a number of boards and commissions, but he had never held one that was more challenging and interesting than his service as President of the Board of Higher Education. He said he had greatly appreciated the cooperation of other present and past Board members, of the Chancellor and his staff, and the institutional executives.

Mr. Layman then presented the gavel to Mr. Mosser with best wishes for the future.

Mr. Mosser said the Board owed a vote of thanks to Mr. Layman in connection with his responsibilities as President of the Board. He said the coming year is a very challenging one for the Board because the Board has an overriding responsibility to see that adequate resources are provided for the institutions to recapture the ground which has been lost in recent years and to insure quality for the future. Mr. Mosser said this means seeking both public and private resources. He said in order to accomplish this there must be a sound position upon which to base requests. This involves broad decisions and also detail work during the next two months in order to be prepared for the legislative session.

Mr. Mosser enumerated the following broad issues which require Board consideration: tuition, review and establishment of incidental fees, continuing adult education and its coordination with private schools and community colleges, faculty staffing plans, a systematic program review system, a library program to serve the needs of the System, establishment of the University of Oregon Health Sciences Center with facilities at a level which would justify full cost payment by a large number of users, and review of physical facilities program including equipment replacements.
Mr. Mosser indicated that in order to focus on these major objectives, some
modifications would be made to the Board's Committee organization and procedures
so that maximum efficiency might be obtained. However, he deferred making these
modifications until a later time and requested Board members to make suggestions
or state preferences in Committee assignments.

Upon motion by Mr. Joss, the Board voted unanimously to express to Mr. Layman
its deep and sincere appreciation for his leadership during the past five years,
for his patience, his understanding, and the contributions he has made to higher
education.

The Board voted unanimously to call an executive session for 3:30 P.M. July 23,
1974, in Room 101 Division of Continuing Education Building, Portland, Oregon,
to consider a personnel matter. All Board members were present.

At 1:50 P.M., President Mosser adjourned the meeting until Wednesday August 28,
at 11:00 A.M. in the Smith Memorial Center, Portland State University, Portland,
Oregon.

John D. Mosser, President

D. R. Larson, Secretary
In April of this year, the Educational Coordinating Council received a report on "Educational Opportunities and Conflicts in Southern Oregon" from the Southern Oregon Advisory Committee chaired by Mr. Robert W. Root of Medford. The Coordinating Council felt that this report clearly outlined a set of significant problems surrounding the provision of postsecondary educational services to the residents of Jackson County and that its findings and recommendations ought to be actively pursued.

A special subcommittee of the Council was established to define a course of action for which a consensus of support could be developed. In preparing this draft report, the Subcommittee has had the excellent cooperation and assistance of the staffs of the boards and institutions involved, as well as that of civic leaders in Jackson and Josephine Counties.

The Subcommittee firmly believes that the issues raised by the current situation in Southern Oregon require a process of solution which has the support of both systems of postsecondary education. This draft is now being submitted to the State Board of Higher Education and the State Board of Education for their review and comment. The Subcommittee hopes to present a final report recommending a course of action which has received the support of both State boards to the Educational Coordinating Council at its October meeting.

This draft is divided into three sections: a discussion of THE PROBLEMS that the Subcommittee found, identifications of POTENTIAL SOLUTIONS, and the proposal of a course of action for IMPLEMENTATION.

Four related problems are posed by the current situation in Jackson and Josephine Counties. They are: (1) The lack of adequate opportunities for post-secondary vocational and technical education in Jackson County, (2) Rogue Community Colleges extremely limited tax base, (3) Southern Oregon Colleges declining enrollment and its fiscal impact, (4) and the emerging conflict between Rogue and SOC as a precursor of similar and expanded conflicts throughout the State.

The Lack of Voc/Tech Opportunities in Jackson County

The 1960's saw the rise of the community college movement across the nation. Oregon was no exception. By 1969 all but four of the State's 14 administrative regions had at least one community college within their boundaries. Of the four unserved regions, Region Eight, comprised of Jackson and Josephine Counties, had by far the largest population. Josephine County is now served by Rogue Community College leaving Jackson County with over two thirds of Region Eight's population as the largest unserved county in the State.

In a 1970 study the Educational Coordinating Council's staff determined that the percentage of Jackson County's 18 to 29 year olds enrolled in postsecondary academic or collegiate programs was slightly higher than the State average. However, the portion enrolled for postsecondary vocational and technical education was found to be about 2 percent of what would be expected on the basis of the state-wide average. While directly comparable data is not available for more recent years, the enrollment of Jackson County residents at Rogue Community Colle...
other institutions offering voc/tech programs has not increased sufficiently to indicate that the basic situation has changed.

Thus, the subcommittee concluded that there is a significant lack of opportunity for post-secondary vocational and technical education in Jackson County. The subcommittee also concluded there did not appear, by any quantitative measure, to be a lack of academic educational opportunities. That is not to say that the access to such education could not be improved for some geographical areas and age groups in Jackson County.

Jackson County civic leaders, particularly those in the Medford area, have taken an interest in meeting this need. In February of 1970 an election was held to form a combined Jackson and Josephine County community college district, but the measure failed. That defeat can be attributed to a large extent to the fear of the SOC faculty and Ashland area voters that a community college would take enrollment away from SOC. The vote was only 21 percent yes in the Ashland area as compared to 43 percent in Medford and 58 percent in Josephine County.

In 1972 the Education Committee of the Greater Medford Chamber of Commerce prepared a plan for annexing to the Rogue District a portion of Jackson County gerrymandered to improve the chances of voter approval.

The Chamber's Education Committee was about to start a petition drive to place their annexation proposal on the ballot when they were asked, by Rogue's Board of Directors, to wait until after the voters of Josephine County had established a continuing tax base for Rogue.

Rogue's Limited Tax Base

A few months following the February 1970 defeat of a joint Jackson-Josephine County community college district, a petition for an election on a district including only Josephine County was reluctantly approved by the State Board of Education which was concerned about the County's low true cash value. In November of 1970, the voters of Josephine County established their own Rogue Community College.

This new district became and has remained Oregon's poorest Community College district. Josephine County's true cash value of $321,533,046 (1972-73) is well below the minimum of $550,000,000 now used by the State Board of Education as a criteria in determining whether the formation of a community college operating district is warranted. Combined with a relatively low millage rate ($1.03) this true cash value gives Rogue the smallest community college budget in the State.

This situation is partially offset by the virtually free acquisition of the Fort Van Noy Job Corps facilities. However, this benefit will not last forever. The buildings are of light wood frame construction and Rogue's plant maintenance expenditures were by the 1972-73 school year already at 5.75 percent of total operating expenditures as compared to a 2.80 percent average for the State.

In the 1972-73 school year, Rogue spent less per FTE than any of the other Community Colleges excepting Mount Hood and Portland whose large enrollments (six and eleven times that of Rogue) permit major economies of scale. To accomplish this, Rogue's administration and teaching staff have had to extend

* Rogue is currently on a five year serial levy which in the opinion of the State Attorney General can not be increased at the same millage rate to cover any annexed area without a vote of the whole district to increase the ceiling on the serial levy. Rogue's Board felt strongly that it did not want to take that issue to the Josephine voters.
Given Josephine County's true cash value, Rogue would have to more than double its current millage rate to raise as much local revenue as Clatsop Community College which operates the program nearest in size to Rogue's; Clatsop has about one seventh more FTE enrollment than Rogue.

In their recent defeat of Rogue's tax base ballot measure the Josephine County voters have indicated that there will be considerable resistance to significantly increasing their support of a community college district. We will have another test of this question next November when Rogue plans to submit a reduced budget to the voters.

Both Rogue's President, Henry Pete and Carroll deBroekert, the State Department of Education's Associate Superintendent for Community Colleges and Career Education, believe that Rogue needs a broader tax base in order to offer quality programs in many areas. However, both are quick to assert that it can continue to operate as it is.

**SOC's Declining Enrollments**

For Southern Oregon College, like most institutions of higher education in the nation, the 1960's was an era of rapid growth. By 1970-71 it had achieved a three-term FTE of 4,230, more than 2 and 2/3 times that at the beginning of the preceding decade.

In 1971 and 1972 the growth trend in higher education was thrown into reverse as declining enrollments began to appear across the nation. At SOC, three term FTE dropped from its 1970-71 peak of 4,230 to 3,772 in 1973-74 and is projected to decline to a low of 3,651 in 1975-76 and then to climb back up to 3,923 by 1980-81.

The 1975-76 low will represent a drop of some 13 to 14 percent from the all time high enrollment of 1970-71. This compares to peak to projected trough declines of 8 percent at SJC, 10 percent at PSU, and 17 percent at OCE (the other institutions with significant declines).

SOC's decline is not from a steady plateau of high enrollments but rather from a sharp peak. SOC's projected 1975-76 low will about equal the three-term FTE in 1969-70 and will be 33 percent above 1965-66 enrollments.

None-the-less, the impact of this decline has been significant. Because the State uses an FTE driven budget formula, enrollment declines are directly translated into fiscal losses. Coupled with other external factors including inflation, unfunded mandatory wage increases, and a long standing deficit, the budget reductions resulting from these enrollment losses have forced SOC to make significant cuts in its faculty and staff. By 1976-77 SOC will have cut 43.22 teaching and professional positions, 10.72 of which are unallocated positions. This cut represents an 18 percent reduction in teaching positions and, not counting the unallocated positions, a 13 percent reduction in actual teaching faculty. In addition, a 6.75 percent reduction in classified staff is being made. Substantial additional cuts will have to be made unless the legislature provides about $300,000 in additional funds in 1975-76 and around $250,000 in 1976-77.

These statistics do not disclose either the full impact or the spiraling effect of enrollment declines in our current system. The report of the "Root Committee" describes it well:

*Although Southern Oregon College could maintain academic excellence with a student body of 3,000, the practical negative effects of contraction will not permit SOC to fall below 4,000 students (FTE) without jeopardizing the quality of the faculty... The rapidly increased percentage of tenured personnel results in a detrimental inflexibility. SOC, for instance, has gone from 55 percent tenured faculty to 70 percent in three years and students are evidencing anxiety over loss of young faculty with whom they relate. This situation should be of major concern to all those interested in the quality of SOC's educational program.*
The rigidity of a funding program that is based on numbers of students will produce inequities in other areas, as well, with the result that in times of contraction the belt-tightening economies are imposed on those programs that are flexible and as yet unentrenched. This approach does not permit decisions to be made on the basis of wisdom or opportunity.

It should be remembered that SOC's administration and faculty, like those of most other institutions, had been anticipating and planning for growing not declining enrollments and levels of support. "A Long Range Study of Land and Building Needs for SOC" prepared in the fall of 1968 states, in reference to the state systems projection of SOC's slower but uninterrupted growth through 1978-79, that: "It is the belief of institutional officials, however, that the projections are conservative for Southern Oregon College and that this institution will grow more rapidly than will some of the others." Overcoming the demoralizing impact of shattered expectations is perhaps the most difficult task facing the SOC community.

The Emerging Conflict

The interrelation of the separate problems of unmet voc/tech needs, Rogue's need for a broader tax base, and SOC's declining enrollments has produced a conflict situation. This conflict has been expressed primarily in terms of Rogue's desire to expand into Jackson County and SOC's fear of suffering a substantial further decline in enrollments if that happens.

The focal point is Medford, the region's population center. Rogue currently operates programs (primarily Adult Basic Education) through a variety of contractual arrangements in some Jackson County high schools and in an "Educational Center" it maintains in Medford. These courses are offered on an out-of-district basis making their tuition about equal to that of SOC. The State Board of Higher Education is considering a change in its regulations to permit SOC to receive full reimbursement for courses offered off-campus. SOC could then increase the courses its faculty teaches in the Medford area which are now offered through DCE.

Rogue wants annexation which would provide it with an enlarged tax base and enable it to offer courses at in-district-tuition rates which are about one half of SOC's. Rogue is willing to settle for a gerrymandered district which the Education Committee of the Greater Medford Chamber of Commerce concluded was the only way annexation would have a chance at the polls. That committee designed such a district with two primary criteria: First, exclusion of those areas which voted heavily against the proposed joint Jackson-Josephine County Community College District in 1970 (largely Ashland and surrounding area), and second, insuring that the Jackson County area to be annexed did not have a larger population than that of the existing Josephine County District.

The SOC administration believes that annexation would have a disastrous
effect on SOC's enrollment. In a recent letter to Vice Chancellor Romney, SOC President, Jim Sours raised the possibility of SOC adding "... a new, off-campus administrative unit located perhaps in the Medford area, to arrange for and administer voc/tech programs either directly, or by contract with RCC."

The State Board of Higher Education is currently considering reducing the tuition at SOC to a level comparable to that of in-district community college tuition. While lower tuition in Higher Education or even equalized Community College and Higher Education tuitions may be desirable, in its own right, to do so now and at SOC alone could easily appear as an effort to undermine voter support for community college services.

If Rogue is successful in annexing the Medford area, the State Board of Higher Education could then reduce SOC's lower division tuition to help it to compete. If annexation doesn't occur the two institutions will probably continue to expand their Medford programs under the less formal arrangements now in use.

In either case competition would eventually focus on course and program offerings with RCC expanding its lower division collegiate offerings and SOC developing new career oriented course work perhaps including two year associate degree programs. It seems unlikely that either students or taxpayers will be well served by the duplicated sets of programs designed primarily for maximum FTE output that are the likely result of such competition.

As the supply of high school graduates climbs up from its current low to a new peak around 1980, this battle may not be disastrous for either institution. They might both experience some growth. Each will of course have stretched their resources to the limit to get the maximum available FTE. Then, if our population predictions hold up, there will be a contraction in the available supply of high school graduates of nearly twice the magnitude and intensity of the one which is at the root of the 1971 through 1975 enrollment drops. The fate of over extended institutions at that point will be at best uncertain.

The worst aspect of allowing this conflict to "resolve itself naturally" is not the probable consequences for the institutions, students, and taxpayers immediately involved. It is, rather, the danger that it will become the established pattern for dealing with conflicts between our two systems of postsecondary education.

The problems of the post 1980 drop in available high school graduates is of great concern to SOC, Rogue, and their counterparts throughout the State, whether or not open competition develops between the two systems now. Both the community colleges and four year institutions have a solution in mind. The State System of Higher Education plans to gradually decrease its dependence on the traditional 18 to 24 year old student.

In a recent article, John Mosser, member of the State Board of Higher Education wrote:

There will be a great market for continuing adult education and vocational re-education if higher education can adapt its programs to the different time span that adults will demand: the one and two-week vacation short course, the weekend seminar and the evening class, rather than the quarter, semester or academic year daytime program.

At the same time the Community Colleges have their own plans which are, for all purposes, identical.

In that same article Mosser described this lack of coordination as one of the major causes of our current enrollment crisis:

Unfortunately, no one insisted upon hard answers to the
question of where the students were all coming from and it is clear that the State System of Higher Education continued to count in its forecasts the same students that were included in the growth of the community colleges to a substantial extent.

Of course, the post 1980 situation may turn out completely differently. However, the prospect seems unlikely as long as there are no clear definitions, let alone established institutional boundaries, for "adult", "personal enrichment", "continuing", "vocational re-education", and other such programs.

The needed definitions and boundaries cannot be established through the unilateral actions of the two systems. The more immediate prospect of destructive competition in Southern Oregon is also not likely to be avoided by such independent acts.

In its effort to evaluate the many proposed solutions to the aforementioned problems, the Subcommittee identified four goals to be achieved:

1. Provide the needed postsecondary voc/tech educational opportunities for Jackson County residents.

2. Enable Rogue Community College to increase its scale of operation and achieve greater financial security.

3. Insure SOC against further erosion and enable it to respond effectively to changing educational needs.

4. To establish a flexible mode or process of dealing with these current problems which is a good precedent for cooperation between the two systems of postsecondary education.

The Subcommittee found that while the proposals for specification it considered dealt with all of these goals, they were invariably expressed in terms of providing voc/tech opportunities in Jackson County or giving special support to SOC.

Providing Postsecondary Voc/Tech Opportunities

Each of the major alternative means of providing such educational opportunities can be classified as either an operating or a contracting district.

Operating Districts

Operating districts are the customary form of community college districts
in Oregon, which directly runs programs of postsecondary education with funds derived from local property tax support, State and Federal reimbursements and student tuitions.

The Subcommittee felt that operating districts, in general, were an inappropriate means of meeting Jackson County's needs at this time. The pattern of experience across the nation and State indicates that there would be a tendency for any operating district to develop its own lower division collegiate programs which could further damage SOC enrollments.

Operating districts would also have all of the natural growth oriented instincts of any full-fledged institution and may lead prematurely to long-term capital commitments which would prove unwise in the post 1980's.

The Subcommittee also felt that each of the three major alternative ways of establishing an operating district in Jackson County had its own drawbacks. The first of these three alternatives considered was the annexation of all of Jackson County to the Rogue Community College District. The Subcommittee concluded, on the basis of the information developed by the Medford Chamber of Commerce and from conversation with local community leaders, that it was extremely improbable that complete annexation could win the necessary approval of both the Jackson and Josephine County voters at this time.

The annexation of a portion of Jackson County, excluding the Ashland area, to the Rogue district was considered highly undesirable by the Subcommittee. The Subcommittee felt that such an arrangement would tend to isolate SOC and to intensify the rivalries between SOC and RCC. The gerrymandered district would create a division in Jackson County which could be made permanent by the unwillingness of Josephine County voters to lose control over the district through annexing the remainder of Jackson County. The eventual provision of vocational and technical education in the Jackson County area outside of the district by some other means, perhaps an arm of SOC, would also solidify the division.

The creation of a separate district in Jackson County would reinforce county rivalries and almost permanently block the development of a unified district in the two counties - thus locking Rogue into its current financing difficulties. The establishment of such a district would face many of the same political difficulties as complete annexation to the Rogue District.

Contracting Districts

A contracting district would not operate its courses and programs directly; e.g. employ faculty, rather it would determine what services are needed and then contract for them with existing educational institutions, which need not be located within the boundaries of the contracting district.

This arrangement appears to offer a means of providing the needed services in a manner which:

a. would not be a major obstacle to unifying the district in the future through merger;

b. has the flexibility to use the resources of both RCC and SOC;

c. would not immediately embroil the citizens of Jackson County in the development of an aspiring institution with long-term commitments to building and equipment.

Three types of contracting districts are possible: a District School Board, an Intermediate Education District, and an Area Education District. No Area Education District has even been established in the State and no District School Board or IED has ever been used as a vehicle to provide
a full contingent of postsecondary programs. Therefore, it was difficult for the Subcommittee to compare them. However, some general observations do point tentatively to the use of the IED in Jackson County.

The Subcommittee felt that the Individual District School Boards cover much smaller geographical areas than the natural market area for community college-type services and that these might lead to a balkanized service delivery system.

The Subcommittee was informed by Carroll deBrookert of the State Department of Education that the legislation enabling the creation of Area Educational Districts was dangerously vague on several points including eligibility for State and Federal reimbursement. He indicated that the State Department of Education will propose some clarifying amendments during next legislative session. The committee felt it best to set this alternative aside until those issues are resolved.

The use of the Jackson County Intermediate Education District appears not to have obvious disadvantages and to address each of the four goals:

1. It is a county-wide district already in operation with an administrative staff accustomed to the coordination of services through a variety of contractual arrangements. It could begin operation in the near future without having to wait for a vote. It would begin offering courses at about out-of-district community college tuition rates with only an "in-kind" local contribution; e.g., administrative services and space. Then, as local support developed, it could take a funding proposal to the voters and, if successful, reduce tuition.

2. By contracting with Rogue for voc-tech programs it would enable them to increase their scale of operation and produce needed income through secure financial arrangements.

3. By contracting with SOC for lower division collegiate programs in the Medford area it would protect them from potentially destructive competition and perhaps help them to reach an expanded market.

4. The IED may not be the right vehicle for any other area in the State to use in securing postsecondary educational services; however, the Subcommittee feels that the process of developing an IED contracting arrangement in Jackson County could set an excellent precedent for cooperation in postsecondary education at both the institutional and State Board levels.

Providing Special Support for SOC

The Subcommittee considered three types of special support for SOC:

- the provision of a fiscal floor through program financing; a tuition reduction to generate increased FTE and income; and several other approaches to boosting enrollments.

Program Budgeting

The Subcommittee strongly agreed with the Root Committee report that a new non-FTE-driven method of budgeting is needed.

"...to remove the psychological panic created by seeing enrollment drop, so faculty is cut, so enrollment drops more, etc., etc. The present system produces this sort of paranoia to the detriment of the administration, the faculty and the students involved...if we don't keep SOC a viable institution, they themselves will not properly think thru their role and will not develop the necessary flexibility of their role to survive the variety of educational needs that their programs must meet."

The Subcommittee recommends program budgeting, by which it means the practice of establishing base budgets and levels of financing on the basis of the programs
in this approach is the belief that there are minimum levels of adequate staffing and support for given types of programs; e.g., five history instructors for a major in history, and that if the program cannot be funded at that level then it should not be offered. The system could revert to a student FTE model for determining additional support above the base level of program adequacy.

The Subcommittee realized that the Program Maintenance proposal for SOC in the SBHE's biennial budget request is not a program budget in the sense described above. However, the Program Maintenance proposal is a step away from a strictly FTE based process and does embrace the concept of a minimum level of support. Therefore, the Subcommittee believes that the Program Maintenance proposal is a good first step.

**Tuition Reduction**

The Subcommittee does not believe that the reduction of lower division tuition at SOC is a desirable course of action for the SBHE to follow. There seem to be three possible reasons for reducing lower division tuition at SOC:

1. To alleviate SOC's financial problems by increasing FTE and thus income: Reducing tuition is an expensive and risky way to try to get a budget increase. For the sake of simplicity let us use round numbers and say that at its 1975-76 low SOC will have 500 fewer three-term-FTE than it had at the 1970-71 peak and that SOC receives $1,600 for each three-term-FTE ($600 in student tuition and $1,000 in State support). Thus, the drop of 500 FTE has cost SOC $800,000.

2. To provide freedom of choice: If the contracting approach is employed, SOC's and RCC's tuitions can be kept equal in Jackson County where most of the students are.

3. To lower the financial barrier to enrollment and make higher education accessible to a larger segment of our population:

Both this issue and the question of providing freedom of choice are major public policy decisions which should be made for the State as a whole, not just SOC. It is possible that it would be in violation of the State Constitution to do otherwise.

**Other Ways of Boosting Enrollments**

The Subcommittee believes that the following approaches to boosting...
enrollment, which are covered in more detail in the Root Committee Report should be given serious consideration by the State Board of Higher Education and SOC:

a. Halting the expansion of undergraduate enrollments at the U of O and OSU through raising entrance requirements;
b. Developing "pre-professional" lower division programs in fields such as engineering and forestry;
c. Developing and publicizing programs and projects which are responsive to the changing demands of society or unique to the SOC campus and area; e.g., retraining of teachers required by new high school graduation requirements, course work associated with the Shakespearean Festival, and reduced tuition for "non-degree seekers" taking graduate courses.

IMPLEMENTATION

The implementation of the various forms of special support for SOC is largely dependent upon the State Board of Higher Education and SOC itself. The legislature, of course, has ultimate authority over the question of program maintenance funding. The Subcommittee believes that the Educational Coordinating Council and other concerned bodies should both formally and informally give their full support to the Board's program maintenance proposal in its Board Budget Request.

The ultimate responsibility and power to decide how to provide postsecondary voc/tech educational opportunities rests with the citizens of Jackson County. There have been several meetings held over the past few weeks in the area and there is a considerable amount of interest in the IED and other contracting methods.

However, there is, as yet, no focal point or vehicle for the citizens to use in their consideration of alternative approaches and of the broader issues of postsecondary education in the region. Several community leaders have expressed an interest in having the ECC's help in establishing some sort of "Advisory Committee on Postsecondary Education". Such a lay group would be valuable not only in the initial stages of establishing a district but also:

a. By providing input for determining needed services and developing guidelines for contracting,
b. Reviewing and commenting on proposals for programs and contracts,
c. By maintaining a focus on public opinion and the possibility of developing a unified two county district, of whatever type, in the future,
d. By serving as a liaison with the various State agencies which will want to stay in touch with the situation.

As well as local support, implementation of a program of postsecondary voc/tech education in Jackson County will require the approval of the State Board of Education and at least the passive acceptance of the State Board of Higher Education and Southern Oregon College.

In light of the above, the Subcommittee concluded that there are two major activities which the Educational Coordinating Council should pursue in facilitating implementation:

1. Assist local civic leaders in the creation of a formally recognized Citizens Advisory Committee on Postsecondary Education.
2. Work directly with the State Board of Higher Education and the State Board of Education to develop a consensus of support for the solutions outlined in this report or some modification thereof.