

Pacific Lutheran University

knightletter

VOL 5 NO 12 December 7, 1967



Lucia Bride
Candidates:
Marcia, Nancy, Judi

ROUNDTABLE

Ann Knudson (English) was hospitalized this week because of a bronchical pneumonia. . . she is in Doctor's Hospital in Tacoma and hopes to return home next week. . . Emmet Eklund (religion) gave a paper, "A Critique of Radical Theology," Thursday at the West Coast Study Group of the Lutheran World Federation. . . the conference is being held at Pacific Lutheran Seminary in Berkeley, Calif. . . Joseph Anderson (religion) is also attending. . . Timothy Langevin, son of Mr. and Mrs. Thomas Langevin (academic v.p.) is a member of the Cheney Courteers, a group which has gained national fame for its ball handling acts at halftimes of basketball games. . . Robert Olsen (chemistry) recently gave a message on the LIFE program at the ALC church in Albany, Ore. . . Gordon Gilbertson (music) is a member of the string quartet of the UPS-Tacoma Symphony Orchestra and he will play about 15 concerts this year. . . R. Byard Fritts (music) is in Anchorage, Alaska where he is guest organist for two performances with the Anchorage Community Chorus. . . he will also present an organ concert. . . he is due back in Tacoma on Sunday. . . V. A. Utzinger (speech) attended recently the three-day convention of the Western Speech Association in Sacramento, Calif., where he was in charge of four sectional programs on speech correction and audiology. . . last Wednesday he spoke to a dinner meeting of the Puyallup Toastmasters and Toastmistress' Clubs on the "Power of Your Speech". . . Anyone interested in discussing rides to the U. of W. for Wednesday evening classes contact Miss Sleisler at Ext. 322. . . J. A. Schiller (sociology) was in Minneapolis earlier this week attending the meeting of the Commission on Research and Social Action of the American Lutheran Church. . . Ernst Schwidder (art) will be featured in the Dec. 29 issue of PERSPECTIVE magazine. . . he will lecture next week at the Current Events Club of Everett.

REMINDER The final date for nomination for Faculty Growth Awards for the coming year are due by Jan. 1. These awards are provided by the Division of College Education of the American Lutheran Church. Doctoral study loans and summer study grants provided by the LCA are available with requests also due early in January. Interested parties should contact the deans.

BIRTHDAYS

Cecil Roy	December 7
Clayton Peterson	December 7
William Hutcheon	December 11
Erich Knorr	December 11
Virginia Bricher	December 13

ALC Releases Faculty Ratio at Church Colleges

The following tables and charts show the various tabulations and expressions of information gathered at ALC institutions to show faculty rank, degree status, and faculty-student ratios. Whenever possible, the totals have been figured to the nearest whole unit.

Pacific Lutheran University recently received this report from the Division of College Education of the ALC. PLU's statistics were described in a recent Knight-letter. A copy of the report of comparative statistics has been posted on the bulletin board of the faculty lounge.

TABLE I: SUMMARY DATA ON STUDENT FACULTY RATIOS

	<u>Senior Colleges</u>	<u>Jr. Colleges & Sec. Schools</u>	<u>All Institutions</u>
Full-time faculty equivalent	1,153.71	64.33	1,218.04
Full-time student equivalent	18,181.08	1022.00	19,203.08
Ratio	15.76:1	15.89:1	15.76:1

TABLE II: SUMMARY DATA ON EARNED DEGREES & FACULTY RANK - SR. COLLEGES & UNIVERSITIES

	<u>Ph.D. Degree</u>		<u>M.A. Degree</u>		<u>B.A. Degree</u>		<u>Totals</u>	
Professor	161	14.5	45	4.0	5	.40	211	18.90
Associate Prof.	152	13.7	91	8.2	2	.20	245	22.10
Assistant Prof.	113	10.2	261	23.5	21	1.90	395	35.60
Instructor	<u>31</u>	<u>2.8</u>	<u>186</u>	<u>16.7</u>	<u>44</u>	<u>3.90</u>	<u>261</u>	<u>23.40</u>
Total	457	41.2	583	52.4	72	6.40	1112	100.00

TABLE III: STUDENT-FACULTY RATIO COMPARISON - JR. COLLEGE & SECONDARY SCHOOLS

	<u>Waldorf</u>	<u>Aug. Acad.</u>	<u>Oak Grove</u>	<u>Total</u>
Full-time faculty equivalent	33	20	11.33	64.33
Full-time student equivalent	633	252	137.00	1022.00
Ratio	19:1	12.6:1	12.1:1	15.7:1

(continued on next page)

TABLE IV: STUDENT-FACULTY RATIO COMPARISON--SENIOR COLLEGES & UNIVERSITIES

	<u>AUGSBURG</u>		<u>AUGUSTANA</u>		<u>C.L.C.</u>		<u>CAPITAL</u>		<u>CONCORDIA</u>	
Full-time faculty equiv.	89.25		115		67		117		150	
Full-time student equiv.	1698		1880		895		1840		2290	
Ratio	19:1		16:1		13.4:1		15.5:1		15.3:1	
DOCTORATE	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>
Professor	13	16.9	17	14.7	8	12.7	12	11.0	18	12.0
Assoc. Prof.	6	7.8	13	11.3	12	19.2	9	8.0	18	12.0
Asst. Prof.	8	10.4	13	11.3	7	11.1	5	5.0	19	12.7
Instructor	--	--	--	--	--	--	--	--	1	.7
Total	<u>27</u>	<u>35.1</u>	<u>43</u>	<u>37.3</u>	<u>27</u>	<u>43.0</u>	<u>26</u>	<u>25.0</u>	<u>56</u>	<u>37.4</u>
MASTER'S										
Professor	3	3.9	3	2.6	--	--	7	7.0	16	10.7
Assoc. Prof.	8	10.4	5	4.3	6	9.5	20	19.0	9	6.0
Asst. Prof.	21	27.2	35	30.4	24	36.5	25	24.0	30	20.0
Instructor	9	11.7	19	16.5	5	7.9	15	14.0	28	18.7
Total	<u>41</u>	<u>53.2</u>	<u>62</u>	<u>53.9</u>	<u>35</u>	<u>53.9</u>	<u>67</u>	<u>63.0</u>	<u>83</u>	<u>55.4</u>
BACHELOR'S										
Professor	--	--	2	1.7	--	--	2	2.0	--	--
Assoc. Prof.	--	--	--	--	--	--	1	1.0	--	--
Asst. Prof.	4	5.2	3	2.6	2	3.1	3	3.0	--	--
Instructor	5	6.5	5	4.4	--	--	7	7.0	11	7.2
Asst. Inst.	--	--	--	--	--	--	--	--	--	--
Total	<u>9</u>	<u>11.7</u>	<u>10</u>	<u>8.7</u>	<u>2</u>	<u>3.1</u>	<u>13</u>	<u>12.0</u>	<u>11</u>	<u>7.2</u>
	<u>DANA</u>	<u>LUTHER</u>	<u>P.L.U.</u>	<u>ST. OLAF</u>	<u>T.L.C.</u>	<u>WARTBURG</u>				
Full-time faculty equiv.	47.5	118	141.5	177	51.86	79.6				
Full-time student equiv.	810	1986	2207	2527	714.08	1334				
Ratio	17:1	16.8:1	15.6	14.3:1	13.78:1	16.8:1				
DOCTORATE	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>
Professor	5	10.9	16	15.9	27	20.6	28	17.0	4	8.0
Assoc. Prof.	--	--	15	14.1	22	16.8	36	22.0	7	15.0
Asst. Prof.	4	8.7	19	17.9	11	8.4	18	11.0	4	8.0
Instructor	--	--	--	--	--	--	--	--	--	--
Total	<u>9</u>	<u>19.6</u>	<u>50</u>	<u>47.2</u>	<u>60</u>	<u>45.8</u>	<u>82</u>	<u>50.0</u>	<u>16</u>	<u>31.0</u>
MASTER'S										
Professor	1	2.2	4	3.7	2	1.5	5	3.0	2	2.7
Assoc. Prof.	11	23.9	--	--	11	8.4	9	5.0	6	8.2
Asst. Prof.	10	21.7	17	16.1	33	25.2	36	22.0	13	27.0
Instructor	14	30.4	29	27.4	19	14.5	22	13.0	11	23.0
Total	<u>36</u>	<u>78.2</u>	<u>50</u>	<u>47.2</u>	<u>65</u>	<u>49.6</u>	<u>72</u>	<u>43.0</u>	<u>36</u>	<u>67.0</u>
BACHELOR'S										
Professor	--	--	--	--	--	--	1	.5	--	--
Assoc. Prof.	--	--	--	--	--	--	1	.5	--	--
Asst. Prof.	--	--	2	1.9	2	1.5	5	3.0	--	--
Instructor	1	2.2	4	3.8	4	3.1	5	3.0	1	2.0
Asst. Inst.	--	--	--	--	--	--	--	--	--	1.37
Total	<u>1</u>	<u>2.2</u>	<u>6</u>	<u>5.6</u>	<u>6</u>	<u>4.6</u>	<u>12</u>	<u>7.0</u>	<u>1</u>	<u>2.0</u>

Total Full-time faculty equiv: 1,153.71

Total Full-time student equiv: 18,181.08

Total Ratio: 15.75:1

Comparison of PLU Faculty Salaries Reflects Gains

Dr. Thomas Langevin, academic vice president, and A. Dean Buchanan, vice president for business and finance, report that "Average salaries and average compensation for full-time faculty members for 1967-68 are \$9,197 and \$10,329 respectively."

Under the major American Association of University Professors (AAUP) measurement, PLU produced a grade of "C" for the lowest grade of average compensation. Assistant professor and instructor, however, received a grade of "B".

(The average compensation figure includes salaries plus fringe benefits.)

"Our long-range plan average salary projection for 1967-68 is right on target, \$9,200 being the average salary goal for this current academic year," said Buchanan.

He added, "Another AAUP measure, minimum compensation, resulted in a grade of "B" for each rank, I am pleased to report."

The AAUP's faculty salary rating will be published in its annual report next July.

Grade of Minimum Compensation Scale:

<u>1967-68</u>	<u>1966-67</u>
B	C

Grade of Average Compensation:

<u>1967-68</u>	<u>1966-67</u>
C	D

Average Salary of Full-Time Faculty:

<u>1967-68</u>	<u>1966-67</u>
\$9,197	\$8,770

Average Compensation of Full-Time Faculty:

<u>1967-68</u>	<u>1966-67</u>
\$10,329	\$9,812



WUS ON CAMPUS--Nancy Reiss, field representative for World University Service (WUS) talks with Dr. Mortvedt during her visit to campus last Tuesday. Miss Reiss was helping PLU's student body prepare for its upcoming WUS fund-raising campaign.

Three Faculty Attend Education Convention

Three members of the PLU faculty recently attended the fall conference of the Association for Higher Education of the Washington Education Association. They were Dr. T.H. Langevin, Dr. Richard Moe, and Dr. Larry Egan.

The addresses, questions, and discussion periods, said Langevin, centered chiefly upon current issues in undergraduate curriculum. As soon as the proceedings are published, PLU will place them in the library or faculty lounge for use by the faculty.

The theme of the conference was "Undergraduate Education - Issues and Directions."



Workmen install PLU's new IBM computer.

James Goodwin Plans Junior Recital Friday

James Goodman, a PLU piano student, will present his junior recital at Friday Noon Music this week in Eastvold Chapel.

Goodman has appeared as a soloist with PLU's University Orchestra and was rehearsal accompanist for "Song of Norway" and "South Pacific." He is presently serving as organist at the Sumner First Presbyterian Church.

His program will include Bach's "French Suite in C Minor," and Liszt's "The Twelfth Hungarian Rhapsody."

New Computer To Aid PLU's Administration

Pacific Lutheran University installed an IBM 1401 computer system last month to aid the University in its administration duties.

It replaces the primary unit in the Series 50 tabulation unit.

The new equipment, said Jerry Haralson, assistant comptroller, will enable the University to expand its output capabilities. It can add, subtract, multiply, and divide figures.

An example of its use, he said, will be to take student grade point averages and compute new totals with the completion of a semester's work. This function was done off campus before the addition of the new machine.

The IBM equipment consists of three basic components: a 1401 central processing unit which stores and manipulates data which it introduces to punch cards; the 1402 which is an input-output unit that accepts punched cards and provides a variety of data for the 1403 that takes the information and puts it in the form of a printed sheet or punched cards.

The printing unit lists 600 lines a minute.

The equipment, which PLU rents, was provided at a substantial discount under IBM's educational arrangement.

Pacific Lutheran University's Annual Faculty-Staff Christmas Dinner Party will be held this Sunday at 5 p.m. at Tacoma's Top of the Ocean.

Knights Prepare To Defend Title In Tournament

Pacific Lutheran University's hoopsters, finishing their first three games with a 1-3 record, will be out to defend their Daffodil Classic title.

Last week the Lutes came up against one of the best teams that they will face this year: Central Washington State College's Wildcats. The Cats, led by Dave Benedict, beat the Lutes twice, 68-63 and 97-73. The Knights were led in the scoring department by senior-forward Dennis Buchholz. He totaled 37 points in the two nights, while sophomore Al Kollar sunk 22 counters.

PLU gained its first win of the season Saturday night over the University of Puget Sound Loggers. The Lutes, sparked again by the shooting of Buchholz, came from behind to slip past the Loggers 68-63. Buchholz played the top game of his college career by pouring in 36 points, 23 of them in the first half.

Friday night the Lutes' will go against the Portland State College Vikings in the second annual Daffodil Classic. It is being held in the UPS Fieldhouse Friday and Saturday night, with the first game between UPS and Seattle Pacific at 7 p.m. Tickets for each night may be picked up at the information desk in the administration building. Highly favored PSC reached the NCAA College Division Pacific Coast Regionals last season and has four returning starters back. The Viks will be led by seniors Peter Ness and Hal Doling. Ness averaged 18.8 points per game last year, while Hal Doling figured for 17.4 points.

The Lutes have averaged 72.3 points per game to their opponents 80.3 this year. Leading the team in every individual category is Buchholz. He is averaging 21.0 points per game and over nine rebounds.



Buchholz

Tickets Scarce for Christmas Concert

The annual Christmas Festival Concert --a tradition at Pacific Lutheran University for more than 30 years--will be held Wednesday through Sunday in PLU's Eastvold Auditorium.

Complimentary tickets for any of the five 8:15 p.m. performances may be reserved by calling PLU's information desk.

The Choir of the West, under the direction of Maurice Skones, will again be the major participant in the concert. However, the University's newest musical group, the University Chorale, will also perform.

The Chorale, directed by David Urness, will sing Johann Franck's "O Jesus, Grant Me Hope and Comfort" and Daniel Pinkham's "Christmas Cantata".

Education Internship Program Is Offered

An internship program designed for teachers seeking a master of arts degree in education is being offered by the Stanford University Secondary Teacher Education Program.

Robert Tinney of Stanford will be on campus Jan. 5 from 1:30 to 4:30 p.m., to interview interested students and recent graduates. The program begins in June with a summer quarter of intensive study and practical experience in Stanford's Micro-teaching Clinic, followed by an academic year of study and part-time teaching in a salaried position at local schools.

Prerequisites for admission are: a B.A. degree; an acceptable teaching major; a grade point average of at least 2.75; Graduate Record Examination Scores; and a personal interview.

For more information about the program and Tinney's visit contact PLU's school of education.

The 75-voice group will join with the Choir of the West to sing Jennings' "Arise, Shine"; Jean Berger's "Magnificat"; F. M. Christiansen's "Hosanna"; Paul Fetler's "Make a Joyful Noise"; and Miklos Rozsa's "Alleluia".

A group of soloists from the Choir called the Madrigals will sing several popular Christmas carols, including Parker-Shaw's arrangement of "Deck the Halls" and Richard Zgodava's arrangement of "Sing We Now of Christmas".

They will also sing: "Bring a Torch, Jeanette, Isabella", with arrangement by Robert Wetzler; David Johnson's arrangement of "The Star Shines Out with Steadfast Ray"; Robert Graham's "Alleluia, Christ Is Born"; Martin Shaw's "Fanfare for Christmas Day"; and J. Winston Cassler's arrangement of "The Furry Day Carol".

T.O.H. Karl, chairman of PLU's speech department, will narrate the program. Eric Nordholm, assistant professor of speech, will be technical advisor.

The annual presentation of Charles Dickens' "Christmas Carol" will be at 8 p.m., Monday, Dec. 18, in Eastvold Auditorium.

The cast will first present the play Dec. 16 at Echo Glen, a state institution at Snoqualmie.

A noon-day concert at the Bank of Tacoma will be presented by the Choir of the West on Monday, Dec. 18.

PLU's Student Congregation will have their annual Candlelight Service at 10 p.m., Tuesday, Dec. 19 in Eastvold Chapel.

Tickets for the Christmas Concert are going fast . . . very few remain for Friday and Saturday night performances although there are several for the other three evenings. Faculty and staff members may pick up tickets at the Information Desk, or Eastvold Ticket Box between 1 and 5 p.m.

Only One Blond Left in Running for Crown

Three Pacific Lutheran University coeds--only one of them a blond--are seeking the crown of lights worn by the Lucia Bride during the school's annual pre-Christmas Festival.

They are Judith Zatterberg of Tacoma; Marcia King of Port Angeles, Wash.; and Nancy Shaw of Covina, Calif. (See cover picture) One of the three will be crowned at the festival in Eastvold Chapel Saturday evening.

Tickets for the ceremony have been sold out.

The main attraction of the evening centers around the dancing of the Spurs, a sophomore women's honorary.

All the costumes used in the performance are typical of "Old Country" festive dress, and many are handmade. The women will dance and sing: "Julpolska," "Nuar det jul igen," and "Jungfru."

Dr. Robert Mortvedt will read the Christmas Story according to St. Luke.

Philip and Karen Ranheim will sing Swedish songs, and Audun Toven, a PLU Norwegian instructor, will play several pieces on his hardanger fiddle.

David Qualley will present an original composition, "A Norwegian Russo-Flamenco Folk Dance," on his guitar. He will also play "What Child Is This?"

Susan Flitcraft, president of Spurs, will tell the Legend of the Lucia Bride.

After the Queen is crowned with her tier of candles she will lead the Spurs in a procession to the tree-lighting ceremony in front of Eastvold. She and the audience will sing Christmas carols.

A reception in Chris Knutzen Hall will follow.

Painter, Sculpture Exhibit Work at PLU

Paintings and sculptures from two Tacoma-area artists are on display in the Gallery of the Robert Mortvedt Library.

Ray Jensen, a teacher at Bellevue Community College, has 25 of his sculptures on display, along with 50 paintings by James Widrig of Gig Harbor.

The show will run through the end of December. Hours are from 8 a.m., to 9 p.m., on the second floor of the library.

Both men are Seattle natives. Widrig received his architecture degree from the University of Washington. He started painting water colors as a hobby, and he has exhibited in local shows, including the Northwest Arts and Crafts, the Watercolour Society, and the Bainbridge Arts and Crafts.

Jensen is well known in the Northwest for his sculptures. He maintains a private studio, and he has produced a series of important commissions, including works for the Seattle Public Library, the Seattle Opera House, and the University of Washington.

He has consistently won major awards at such Northwest exhibitions as the Seattle Northwest Annuals; the Western Washington Fair; the Washington Artists Invitational; Seattle Area Sculptors Invitational; and the Governor's Invitational.

Jensen's sculptures will include many from private collections. The oldest is nine years, but he has included many that he completed this year.

KNIGHT LETTER FACULTY SUPPLEMENT

Recently, the National Foundation on the Arts and the Humanities announced its new programs and grants. As indicated by Barnaby C. Keeney, Chairman of the National Endowment for the Humanities, these grants and projects represented over one million dollars being invested in the hope of affecting the teaching, study, and practice of the humanities throughout America. Among them was a \$20,000 grant to the Augustana College Association of South Dakota to support a study of the role of television on changing the attitudes in the rural areas, presumably in the region in which that Association is located.

A copy of the grants and a list of recipients of fellowships and research grants has been placed on the bulletin board in the faculty lounge for your perusal.

--Dr. T. H. Langevin

RESEARCH TRAINING PROGRAMS OF THE PUBLIC HEALTH SERVICE

PREDOCTORAL FELLOWSHIPS

Applications may be submitted by individuals who, as of the starting date of a fellowship, will have a bachelor's degree or equivalent. The basic annual stipend is \$2,400 for the first year of graduate work, \$2,600 for the intermediate years, and \$2,800 for the terminal year. An additional \$500 per annum is provided for each eligible dependent. The Public Health Service provides a sponsoring educational institution in the United States with a fellowship allowance of \$2,500 in lieu of tuition and all other fees. Foreign institutions are eligible only for the actual tuition and fees and a \$500 supply allowance on behalf of the fellow.

POSTDOCTORAL FELLOWSHIPS

Applications may be submitted by individuals having a Ph.D. or equivalent domestic or foreign degree. Stipends are \$6,000 to \$7,000 per year, depending upon prior education and experience. An allowance of \$500 per year is made available for each eligible dependent. In addition a \$1,000 supply allowance per year is made available to the institution on behalf of the fellow.

SPECIAL FELLOWSHIPS

Applications may be submitted by individuals who:

1. have a doctorate or equivalent degree and at least 3 subsequent years of relevant research or professional experience, or
2. have completed residency requirements in a medical specialty, or
3. have otherwise demonstrated to the PHS sufficient competence in their field to pursue the proposed training program.

Stipends are determined on an individual basis. In addition a \$1,000 supply allowance per year is made available to the institution on behalf of the fellow.

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In each of the above programs, an allowance of 8 cents per mile is provided for travel from a fellow's residence to a domestic institution (round trip for a foreign institution) if the distance exceeds 50 miles.

DEADLINES FOR RECEIPT OF APPLICATIONS

Applications received by:	Results announced by the following:
Jan. 2	June
Apr. 1	September
Oct. 1	February

FOR ADDITIONAL INFORMATION ON THE ABOVE PROGRAMS WRITE: CAREER DEVELOPMENT REVIEW BRANCH, DIVISION OF RESEARCH GRANTS, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MARYLAND, 20014.

--Dean Charles Anderson

NORTHWEST ASSOCIATION OF PRIVATE COLLEGES AND UNIVERSITIES

PLU has recently joined the newly formed Northwest Association of Private Colleges and Universities, an organization formed by the following institutions: Pacific Lutheran University, St. Martin's College, University of Puget Sound, Alaska Methodist University, Carroll College, College of Great Falls, College of Idaho, Gonzaga University, Northwest Nazarene College, Walla Walla College, Whitman College, Cascade College, Lewis and Clark College, Marylhurst College, Mt. Angel College, Pacific University, Reed College, University of Portland, and Willamette University.

The general objective is indicated by this quotation from the original resolution drafted last March to recommend formation of such a cooperative organization:

"The purpose of the Association shall be to initiate and coordinate inter-institutional cooperation among the member colleges and universities. Member colleges and universities may associate for mutual benefit in the improvement of their educational offerings and for the increased effectiveness of their supporting facilities and activities. In joining together for cooperative ventures, it is expected that member institutions will make individual decisions as to whether or not they will join in each particular cooperative program which might be sponsored by the association. All of the activities of the Association are predicated on the basic assumption that each college has its own valuable characteristic features as an educational institution. These include location, nature of constituent support, traditions, the nature of the student body it attracts, type of administration, faculty, and its educational objectives. Thus, only those cooperative ventures will be sponsored which take advantage of features shared by the member colleges and universities without impairment of their institutional identity, integrity, and autonomy. Through the Association, any group of member institutions may initiate and conduct those cooperative activities for which the direct participants are willing to assume financial responsibility, except that such activities may not be exclusive of other members of the Association who may wish to share in the cooperative venture and its expenses."

NAPCU began its formal existence last month, has its headquarters in Portland, and has a full-time executive director, Mr. Robert L. Bothwell. The first annual meeting of the Board of Trustees of the Association will be held on January 20th.

The Association provides a new framework within which we can initiate and conduct cooperative programs involving one or more other members of NAPCU, and through which financial support for such cooperative programs can be sought.

These cooperative programs can be of two basic types: (1) those which would open substantially new opportunities for us and (2) those which would do for us more economically something that we are already doing locally. The first type can in many instances, it is presumed, command outside support, and the second type can afford immediate reductions in operating expenses. Any suggestions for interinstitutional cooperation of either type are desired. Indeed, the belief of many of the charter members of NAPCU is that their very existence as private institutions is dependent on the success of substantial cooperative efforts.

Some suggestions for cooperation that have been made by representatives of the members of NAPCU are: (1) establishment of a joint or ecumenical theology faculty, (2) a federation of graduate faculties or programs, (3) a shared program for continuing education, (4) joint acquisition of specialized instructional materials and equipment, (5) joint student personnel services, e.g., a common referral agency for disturbed students, (6) faculty and/or student exchange, (7) shared artist and lecture series, (8) joint data processing programs, (9) cooperative publication efforts, e.g., of a journal for student works, (10) interinstitutional summer honors programs, (11) research-interest survey, to compile information on possibilities of cooperating in scholarly work, (12) cooperative area study programs, on member campuses or in foreign countries, and (13) cooperation with private graduate schools (e.g., Oregon Graduate Center) or research institutes (e.g., Battelle).

Anyone who has interest in helping to establish and develop such cooperative programs, or who has additional suggestions for cooperation, should speak with either of the academic deans or with Dr. Langevin. It is faculty and staff utilization of the broadened opportunities for institutional and interinstitutional development offered by NAPCU that will determine its success, and perhaps that of PLU, also.

--Dr. Charles Anderson

1968 FELLOWSHIP AND APPOINTMENT PROGRAMS FOR RESEARCH AND TRAINING IN NUCLEAR SCIENCE AND ENGINEERING TENABLE IN AEC CONTRACTOR OPERATED AND ASSOCIATED LABORATORIES ADJACENT TO RICHLAND, WASHINGTON

SUMMER STUDENT TRAINEESHIPS

Afford an introduction to nuclear science and technology and an opportunity to observe research methods. Students work under guidance of senior research scientists. Candidates should have completed sophomore year and possess potential for a career in engineering, mathematics, or

the sciences. No college credit. Traineeships available only during summer, normally for ten weeks. Trainees receive a stipend of \$100 per week plus travel allowance of 4¢ per mile to a total of \$80.

RICHLAND GRADUATE FELLOWSHIPS

Fellowships are awarded to students of advanced standing in support of research for doctoral dissertations and masters theses. Available 3 months to one year, renewable, full time registration in a research program required during tenure. Basic 12 month stipend is \$2,600 for M.S. candidates and \$2,800 for Ph.D. candidates, increased by \$200 per calendar year for those having 3 years experience in Nuclear Science and Engineering. Tuition and fees are included as well as dependency, relocation and travel allowances.

AEC POST-DOCTORAL RESEARCH FELLOWSHIPS

Provide research opportunities for a limited number of outstanding recent recipients of the Ph.D. degree in basic science or engineering disciplines. Each successful applicant is expected to affirm his intention of entering the teaching profession following tenure of the fellowship. The normal term of appointment is one year. Basic stipend (12 months) is \$9,000. Travel allowance.

RICHLAND FACULTY APPOINTMENTS

Selection of appointees is based upon the educational and scientific qualifications of the applicant, the nature of the proposed research, and the extent to which it could be advanced by the appointee's tenure at Hanford. Available 3 months to one year. Basic stipend is comparable to appointee's university salary. Travel and relocation allowances are included.

APPLICANT GENERAL INFORMATION

These Programs are administered for the AEC by the Northwest College and University Association for Science. U.S. citizenship required. Applications considered without regard to sex, creed, color, or national origin. Postdoctoral Fellows apply directly. Others apply through college or university. Applications will be received at any time, but closing dates are January 1, April 1, July 1, and October 1. For summer tenure, apply before January 1 if possible. For information or application forms write: Northwest College and University Association for Science, c/o Center for Graduate Study, 1001 Goethals Drive, Richland, Washington, 99352.