

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 10, 1966



The November meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Thursday, November 10, 1966, beginning at 10:00 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor Otto Kerner was absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Vice-President Eldon Johnson; Mr. C. S. Havens, Director of the Physical Plant; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Glenn Terrell, Dean of Faculties, University of Illinois at Chicago Circle; Mr. James B. Holderman, Assistant to the Chancellor, University of Illinois at Chicago Circle; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer; Mr. H. O. Farber, Comptroller; and Mr. Earl W. Porter, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees of May 18 and June 15, 1966, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1161 to 1284, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

BIENNIAL OPERATING BUDGET FOR 1967-69

(1) Submitted herewith is the biennial operating budget for 1967-69, being the estimates of state appropriations required by the University during the biennium. These budget estimates have been prepared by the Executive Vice-President and Provost and the Vice-President and Comptroller in consultation with the University Budget Committee,¹ with the deans, directors, and with other administrative officers concerned. The University Council has also been consulted.

I recommend approval of these budget estimates by the Board of Trustees for filing with the State Department of Finance, as required by law, and for presentation to the state administration, the Board of Higher Education, and other state agencies involved in budget considerations.

The complete budget as printed below was sent to all members of the Board a week prior to today's meeting. It had also been studied by the Finance Committee (with other Trustees participating) in consultation with the President of the University and other University officers in special works sessions.

Following presentations by the President and the Executive Vice-President and Provost and further discussion, on motion of Mr. Williamson, Chairman of the Finance Committee, the budget was approved and the President of the University was authorized to file it with the State Department of Finance; and for presentation to the state administration and all other state agencies involved in budget procedures; and the President of the Board, the Chairman of the Finance Committee, and the President of the University were authorized to represent the Board of Trustees in conferences with the state administration and other state agencies concerned.

This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

¹ The University Budget Committee for 1966-67. *Ex Officio Members*: Lyle H. Lanier, Executive Vice-President and Provost, Chairman; H. O. Farber, Vice-President and Comptroller; N. A. Parker, Chancellor at Chicago Circle; J. S. Begando, Chancellor at the Medical Center; Daniel Alpert, Dean of the Graduate College.

From the Senates: I. E. Farber, Professor of Psychology and Head of the Department, Chicago Circle; N. J. Cotsonas, Professor of Medicine, College of Medicine, Medical Center; Wylie H. Davis, Professor of Law, Urbana.

From the Faculty at Large: H. E. Carter, Professor of Chemistry and Head of the Department of Chemistry and Chemical Engineering, Urbana; N. M. Newmark, Professor of Civil Engineering and Head of the Department, Urbana; G. W. White, Professor of Geology, Urbana.

Staff Associates: M. L. Zeigler, Associate Provost and Director of Institutional Studies; M. S. Kessler, Assistant Comptroller.

BIENNIAL BUDGET REQUEST FOR OPERATIONS, 1967-69**I. Summary of Biennial Budget Request for Operations, 1967-69****Objectives**

The request of the University of Illinois for increases in appropriations for 1967-69 reflects several major needs and objectives:

1. To continue ongoing programs and commitments at the higher cost levels expected in 1967-69. Especially important will be the improvement of faculty salaries so as to bring them closer to parity with the salary scales of universities comparable in national stature and competitive with the University of Illinois for the limited supply of outstanding teachers and scholars.
2. To increase enrollment at all three campuses to the limits dictated by the facilities and other available resources—with increasing emphasis upon junior-senior, graduate, and professional levels. A biennial increase of some 5,000 students is projected.
3. To make critically-needed improvements in several areas that have been chronically handicapped by inadequate support.
4. To inaugurate graduate study at the Chicago Circle campus—with a view particularly to increasing the supply of college teachers and of other professional graduates.
5. To expand existing educational and research programs—and to add new ones—focused upon important state, national, and international problems—such as urban improvement, teacher education, health care, and Asian studies.
6. To expand certain research and public-service programs for which the University acts for the state as an administrative agency.

Procedure in the Preparation of the Biennial Budget Request

In developing estimates of the funds needed to meet the objectives outlined above, the format and the classification system recommended by the staff of the Illinois Board of Higher Education have been followed. Furthermore, the guidelines and formulae developed by the Board's staff in consultation with the Budget Formula Committee (composed of representatives of the several state universities) have been used in calculating the major portion of the increases requested, including funds for the Retirement System, salary adjustments, increased enrollments, operating costs of new buildings, and price increases. In the case of salary adjustments, supplemental funds are requested for the special reasons stated in a later section of this document.

The guidelines and formulae were reviewed by the University Budget Committee, and it was concluded that with the exception just noted the University could use these procedures in the preparation of its 1967-69 budget request—with the understanding that a careful evaluation of the adequacy of the support levels provided would be made during the coming biennium and that changes would be recommended as experience might dictate.

In addition to the increases noted above, departments and other administrative units were invited to submit estimates of budget increases needed for the following purposes: organized research, extension and public service, funds to offset deficiencies in support for current operations, major improvements in existing programs, and new programs. These requests were reviewed carefully by the University Budget Committee, and a selected list of high-priority items was recommended to the President for inclusion in the 1967-69 budget request.

In accordance with the University's *Statutes*, the University Council was consulted by the President concerning the budget proposals included in this document, and the Council gave its approval to them.

Biennial Budget Request for Operations, 1967-69 (Schedule A)

A summary of the biennial appropriations requested for 1967-69 is shown in Schedule A on the following page. The first section shows the biennial appropriation for 1965-67, totaling \$214,463,662—with a break-down by sources of funds and for the two years of the biennium.

The next section (Section B) shows the budget increases requested to meet higher costs of operations anticipated in 1967-69. The total for such increases is \$56,479,592. To this figure must be added the sum of \$10,805,182—described as "Biennial Overlap" in Schedule A—in order to derive the total amount by

which the 1965-67 appropriation would have to be increased (67,284,774) to give the total budget requested for 1967-69. The latter amount is shown as \$281,748,436 in Schedule A.

The total appropriation requested for 1967-69 is approximately 31 per cent above that for 1965-67. This percentage is to be compared with the increase of 29 per cent in the appropriation requested two years ago for 1965-67 as compared to that for 1963-65.

Special attention is called to the fact that some \$21,400,000 of the total requested budget would be provided from University income—an increase of \$3,300,000 above the amount of University income included in the appropriation for 1965-67. Almost \$2,000,000 of this amount represents an increase anticipated in the income from fees charged by the Research and Educational Hospitals during the next biennium. It will be noted later that the substantial increase in funds requested for the operation of the Hospitals during 1967-69 will be largely offset by the increased income.

Schedule A. Biennial Budget Request for Operations, 1967-1969

A. Budgetary Summary — Seventy-fourth Biennium (1965-67)

	1965-66	1966-67	Total
General Revenue.....	\$ 93 339 271	\$103 024 391	\$196 363 662
Income Fund.....	9 050 000	9 050 000	18 100 000
<i>Total Seventy-fourth Biennial Appropriation.....</i>	<i>\$102 389 271</i>	<i>\$112 074 391</i>	<i>\$214 463 662</i>

B. Increases Requested — Seventy-fifth Biennium (1967-69)

	Annual Increases		Biennial Total
	1967-68	1968-69	
1. Adjustments to Base Budget	0	0	0
2. Statutory Increases			
a. Retirement System			
Contributions.....	\$ 2 672 600		\$ 5 345 200
b. Activity Fees.....	0	0	0
3. Salary Adjustments.....	6 492 812	\$ 6 969 368	19 954 992
4. Increased Enrollments.....	3 817 719	3 983 451	11 618 889
5. Operating Costs of New Buildings.....	1 014 855	1 384 175	3 413 885
6. Other Increases			
a. Price Increases.....	634 432	656 636	1 925 500
b. Refunds.....	85 000		170 000
c. Organized Research.....	716 000	465 700	1 897 700
d. Extension and Public Service.....	1 260 500	188 500	2 709 500
e. Other Specific Items.....	3 679 438	150 500	7 509 376
<i>Subtotal.....</i>	<i>(6 375 370)</i>	<i>(1 461 336)</i>	<i>(14 212 076)</i>
7. New Programs and Major Improvements.....	822 100	290 350	1 934 550
<i>Total Increases Requested</i>	<i>\$ 21 195 456</i>	<i>\$ 14 088 680</i>	<i>\$ 56 479 592</i>
C. Preceding Year's Budget.....	\$112 074 391	\$133 829 878	
D. Biennial Overlap.....			\$ 10 805 182
E. Biennial Overlap Less Increase 1966-67 Over 1965-66.....	560 031		
F. Total Budget for Seventy-fifth Biennium.....	\$133 829 878	\$147 918 558	\$281 748 436
G. Less University Income Fund....	10 500 000	10 900 000	21 400 000
H. Budget from General Revenue....	\$123 329 878	\$137 018 558	\$260 348 436
I. Total Increases Requested for Seventh-fifth Biennium.....			\$ 67 284 774
J. Less University Income Fund....			3 300 000
K. Total Increases Requested from General Revenue for Seventy- fifth Biennium.....			\$ 63 984 774

Analysis of Budget Increases Requested (Schedule B)

In order to provide a more detailed summary of the budget increases requested for 1967-69, Schedule B has been prepared. It includes the budget categories listed in Section B of Schedule A, showing for certain of them breakdowns by campuses and, in certain cases, by projects within each campus. Schedule B begins below.

It should be noted again that the estimates presented for Items 2 (Statutory Increases), 3 (Salary Adjustments), 4 (Increased Enrollments), 5 (Operating Costs of New Buildings), and 6a (Price Increases) were computed in accordance with recommendations made by the staff of the Illinois Board of Higher Education in consultation with the Budget Formula Committee. The only modification occurs in the case of salary adjustments, as noted in Schedule B.

The explanation and justification for the supplemental salary adjustments, and for all of the other items shown in Schedule B, are presented in the second part of this document, which begins on page 219 under the following heading: "II. Explanation of Increases Requested in Section B of Schedule A."

Schedule B. Analysis of Budget Increases Requested for 1967-69 Biennium**Breakdowns of Items Shown in Section B of Schedule A**

	<i>Annual Increases</i>		<i>Biennial Total</i>
	<i>1967-68</i>	<i>1968-69</i>	
2. Statutory Increases			
a. Retirement System Contributions			
(page 219).....	\$ 2 672 600		\$ 5 345 200
3. Salary Adjustments (page 220)			
a. Academic Staff (page 220)			
Formula Amount.....	4 241 238	\$ 4 558 527	13 041 003
"Catch-up" Addition.....	313 753	361 857	989 363
<i>Subtotal, Academic</i>	(4 554 991)	(4 920 384)	(14 030 366)
b. Nonacademic Staff (page 222)			
Formula Amount.....	1 887 622	1 993 356	5 768 600
Additional for Nurses.....	50 199	55 628	156 026
<i>Subtotal, Nonacademic</i>	(1 937 821)	(2 048 984)	(5 924 626)
<i>Total</i>	(6 492 812)	(6 969 368)	(19 954 992)
4. Increased Enrollments (page 222)			
a. Chicago Circle Campus.....	1 860 265	2 657 730	6 378 260
b. Medical Center Campus.....	232 644	157 398	622 686
c. Urbana-Champaign Campus....	1 724 810	1 168 323	4 617 943
<i>Total</i>	(3 817 719)	(3 983 451)	(11 618 889)
5. Operating Costs of New Buildings			
(page 223)			
a. Chicago Circle Campus.....	840 110	816 823	2 497 043
b. Medical Center Campus.....	187 656	24 164	399 476
c. Urbana-Champaign Campus....	-12 911	543 188	517 366
<i>Total</i>	(1 014 855)	(1 384 175)	(3 413 885)
6. Other Increases (page 226)			
a. Price Increases (page 226).....	634 432	656 636	1 925 500
b. Refunds (page 226).....	85 000		170 000
c. Organized Research (not in			
priority order) (page 226)			
(1) Center for Urban Studies			
(Chicago Circle) (page 226)...	144 400	81 700	370 500
(2) Center for Health Care Re-			
search and Community			
Studies (Medical Center)			
(page 226).....	39 000	106 000	184 000
(3) Center for Education and Re-			
search in Genetics (Medical			
Center) (page 227).....	57 500		115 000
(4) Water Resources Center			
(Urbana-Champaign)			
(page 227).....	60 000	15 000	135 000

		<i>Annual Increases</i>		<i>Biennial</i>
		<i>1967-68</i>	<i>1968-69</i>	<i>Total</i>
(5)	Computer-Based Education Research Laboratory (Urbana-Champaign) (page 227).....	\$ 60 000		\$ 120 000
(6)	Expanded Computer Services (page 227)			
	(a) Chicago Circle.....	105 100	\$ 88 000	298 200
	(b) Urbana-Champaign.....	250 000	175 000	675 000
	<i>Subtotal, Organized Research..</i>	(716 000)	(465 700)	(1 897 700)
d.	Extension and Public Service (not in priority order) (page 228)			
(1)	Matching Funds for Grants under Title I of Higher Education Act (page 228).....	70 000	160 000	300 000
(2)	Matching Funds for Grants under the State Technical Services Act (page 228).....	150 000		300 000
(3)	Division of University Extension (page 228).....	63 500	28 500	155 500
(4)	Division of Services for Crippled Children (page 228)	977 000		1 954 000
	<i>Subtotal, Extension and Public Service..</i>	(1 260 500)	(188 500)	(2 709 500)
e.	Other Specific Items (not in priority order) (page 229)			
(1)	Rental and Operation of Newly-leased Space (page 229).....	207 258		414 516
(2)	Unfunded Costs of Architectural Division (Physical Plant Department) (page 229)	493 680		987 360
(3)	Student Loan Matching Funds (page 229).....	33 750		67 500
(4)	Moving Expenses for New Faculty Members (page 229)	194 500	27 500	416 500
(5)	Deficiency in Funds for Full Summer Quarter (Chicago Circle) (page 229).....	220 000		440 000
(6)	Deficiency in Funds for Wages, Expense, and Equipment (Chicago Circle) (page 230).....	466 000		932 000
(7)	Expansion of Teacher-Education Program (Chicago Circle) (page 230).....	76 600	50 000	203 200
(8)	Library Improvement (Chicago Circle) (page 230)...	647 650	- 60 000	1 235 300
(9)	Internal Institutional Studies (Chicago Circle) (page 230)...	110 000		220 000
(10)	Medical Illustration Studios (page 231).....	39 000		78 000
(11)	Improvement of Clinical Departments in College of Medicine (page 231).....	307 000		614 000
(12)	Research and Educational Hospitals (page 231).....	884 000	133 000	1 901 000
	<i>Subtotal, Other Specific Items</i>	(3 679 438)	(150 500)	(7 509 376)
	<i>Total.....</i>	(6 375 370)	(1 461 336)	(14 212 076)
7.	New Programs and Major Improvements (page 232)			
a.	Chicago Circle Campus (page 232)			
(1)	New Graduate Programs (page 232).....	296 100	135 350	727 550

		<i>Annual Increases</i>		<i>Biennial</i>
		<i>1967-68</i>	<i>1968-69</i>	<i>Total</i>
(2) Three New Departments (page 232).....	\$	55 000	\$ 23 500	\$ 133 500
<i>Subtotal, Chicago Circle</i>		(351 100)	(158 850)	(861 050)
b. Medical Center Campus (page 232)				
(1) Improvement of Programs in Associated Medical Sciences (page 232).....		33 500		67 000
(2) Improvement of Two Non- Clinical Departments in College of Medicine (Bio- chemistry, and Preventive Medicine and Community Health) (page 232).....		65 000		130 000
<i>Subtotal, Medical Center</i>		(98 500)		(197 000)
c. Urbana-Champaign Campus (page 233)				
(1) International Program in Agriculture (page 233).....		60 000	40 000	160 000
(2) Asian Studies (Chinese and Japanese) (page 233).....		70 000		140 000
(3) Graduate Training for Junior-College Personnel (page 233).....		44 500		89 000
(4) Major Reorientation of Civil Engineering Curriculum (page 233).....		100 000		200 000
(5) New Program in Geology (page 233).....		62 000		124 000
(6) Krannert Center for the Performing Arts (page 234) ..		36 000	91 500	163 500
<i>Subtotal, Urbana-Champaign</i>		(372 500)	(131 500)	(876 500)
<i>Total</i>		(822 100)	(290 350)	(1 934 550)
<i>Grand Total for Sections 2, 3, 4, 5, 6, and 7</i>		\$21 195 456	\$14 088 680	\$56 479 592

II. Explanation of Increases Requested in Section B of Schedule A

The numbers and titles of the seven categories included in Section B of Schedule A are used as headings for the discussions that follow, in order to preserve the recommended format and to maintain agreement as regards amounts of funds between this discussion and Schedules A and B. To some extent, this procedure will result in some fragmentation of requests for colleges and campuses, as well as artificial separation of requests that might better be combined. For example, the improvements recommended for the College of Medicine are classified partly under "6c. Organized Research," "6e. Other Specific Items," and "7. New Programs and Major Improvements." Although these projects can be evaluated independently, there are general interrelations among some of them such that they would be better understood and appreciated if viewed as a totality.

B1. ADJUSTMENTS TO BASE BUDGET

As Schedule A shows, no adjustments to the University's base budget are necessary because of deficiencies, averages, or underenrollment—under the guidelines developed by the staff of the Board of Higher Education.

B2a. RETIREMENT SYSTEM CONTRIBUTIONS..... \$5 345 200

This is the only increase requested by the University of Illinois within the general category of "Statutory Increases." The amount has been calculated by the University Retirement System so as to reflect the funds needed for the benefits provided under State law, including reserve requirements.

The State Universities Retirement System provides disability and retirement benefits to all permanent staff members and employees of the University, to those

of all other state institutions of higher education, and to staff members of related organizations. Each participant contributes to the System, and the University's share of the cost is included regularly in its biennial appropriations.

B3. SALARY ADJUSTMENTS \$19 954 992

The University's staff is classified into two categories: *academic* (faculty members and certain groups of administrative and technical personnel) and *non-academic*. The salary-increase funds requested for these two groups, by fiscal year and in total biennial amounts, are as follows:

	<i>Annual Increases</i>		<i>Biennial Total</i>
	<i>1967-68</i>	<i>1968-69</i>	
Academic Staff			
Formula Amount.....	\$4 241 238	\$4 558 527	\$13 041 003
"Catch-up" Addition.....	313 753	361 867	989 363
Subtotal, Academic.....	(\$4 554 991)	(\$4 920 384)	(\$14 030 366)
Nonacademic Staff			
Formula Amount.....	1 887 622	1 993 356	5 768 600
Additional for Nurses.....	50 199	55 628	156 026
Subtotal, Nonacademic.....	(\$1 937 821)	(\$2 048 984)	(\$ 5 924 626)
Total.....	\$6 492 812	\$6 969 368	\$19 954 992

The items described by the term "Formula Amount" were derived from calculations made in accordance with the recommendations of the staff of the Board of Higher Education in consultation with its Budget Formula Committee — as already noted. Although these sums would provide most of the funds estimated by the University to be needed for salary-rate increases in 1967-69, supplemental amounts are requested for both academic and nonacademic salary increases — for the reasons given below.

Academic Salary Increases. The amounts calculated under the formula should provide salary increases roughly comparable to those prevailing on the average for college faculties throughout the country in 1965-66. As reported by the American Association of University Professors, average faculty compensation in 1965-66 was 7.3 per cent higher than in the preceding year. The funds provided under the formula would permit an average increase in University salaries of approximately 7.5 per cent for 1967-68 above the average for 1966-67.

In addition to the "keep-up" increment that would be provided by the formula, the University needs to have a "catch-up" addition to faculty salaries if it is to make any progress toward its objective of bringing its salary levels into closer relationship to its national standing among universities in this country. This general objective is substantially identical with the policy stated in Recommendation 15 of the Master Plan adopted by the Illinois Board of Higher Education, which reads as follows:

"15. Salaries and perquisites of faculty members at the several state-supported colleges and universities be kept high enough to compete for staff with other institutions having educational, service, and research programs of similar breadth, level, and quality. The salaries and fringe benefits offered by industry to persons also qualified for college teaching or research be taken into consideration in arriving at competitive salary levels."

As a step towards achieving these general goals defined by the Master Plan, the University of Illinois has selected a comparison group of eight other institutions: University of California, Cornell University, Indiana University, University of Michigan, University of Minnesota, Northwestern University, Stanford University, and the University of Wisconsin. In the preparation of its salary-increase request for the 1965-67 biennial budget, the University's average salary for regular faculty members at each of the four regular academic ranks was compared with those of these eight institutions. As shown in Schedule C on the following page, it was found that in 1964-65 the University's standing among the nine institutions (including the University of Illinois) was as follows: full professor, seventh; associate professor, eighth; assistant professor, eighth; instructor, eighth. Its stated goal for 1965-67 faculty salaries was to increase the University's average for each rank to the median for the group of nine institutions.

The figures in Schedule C for 1965-66 show that although the University did make a gain of one position in the rank order for full professors and assistant professors, its relative position for associate professors was not improved. For instructors, there was a gain from eighth to fifth position, but this has relatively little significance since only a small proportion of faculty members are at this rank, and the number grows smaller each year.

Salary comparisons have also been made between the University's averages for the four academic ranks and those of thirty institutions (including the University) which award the highest number of Ph.D. degrees. Among these thirty institutions, for 1965-66, the University ranked fifteenth in average salary for full professors, twenty-second for associate professors, seventeenth for assistant professors, and thirteenth for instructors.

Inasmuch as the University of Illinois has regularly been ranked among the top *ten* universities in this country in quality as a graduate and research institution, it seems reasonable to argue that its faculty salaries should have a corresponding standing. The relatively modest "catch-up" increase of about one-half of one per cent proposed for 1967-69 will not bring the University either up to the midpoint of the group of nine universities or within the top ten of the group of thirty just mentioned. But this additional increment probably would enable the University to do somewhat better than maintain its present, disproportionately low salary status among comparable institutions. It is hoped that similar increments can be added each biennium until the University has arrived at least at the midpoint in the group of nine and within the top ten of the group of thirty comparison universities.

Schedule C

I. Average Salaries (Nine-Months' Service) at a Selected Group of Eight Institutions Comparable to the University of Illinois

The numbers in parentheses following the salary figures show the rank order within each column.

University	Professors			Associate Professors		
	1965-66	1964-65	1963-64	1965-66	1964-65	1963-64
A.....	\$16 976 (4)	\$16 537 (2)	\$16 005 (1)	\$12 013 (4)	\$11 676 (2)	\$11 516 (2)
B.....	17 254 (2)	16 695 (1)	15 991 (2)	12 194 (1)	12 390 (1)	11 878 (1)
C.....	17 368 (1)	16 230 (3)	15 219 (3)	12 175 (2)	11 533 (3)	10 907 (3)
D.....	17 115 (3)	15 901 (4)	14 943 (4)	11 806 (5)	11 073 (5)	10 482 (5)
E.....	16 730 (5)	15 564 (5)	14 300 (5)	12 027 (3)	11 351 (4)	10 056 (7)
F.....	15 449 (7)	14 700 (6)	14 193 (6)	11 045 (6)	10 556 (7)	10 052 (8)
G.....	14 870 (9)	14 021 (9)	13 532 (8)	10 773 (9)	10 203 (9)	10 583 (4)
H.....	15 147 (8)	14 341 (8)	13 512 (9)	10 973 (7)	10 604 (6)	10 062 (6)
Illinois....	15 498 (6)	14 471 (7)	14 019 (7)	10 965 (8)	10 301 (8)	9 986 (9)

University	Assistant Professors			Instructors		
	1965-66	1964-65	1963-64	1965-66	1964-65	1963-64
A.....	\$9 342 (3)	\$9 090 (2)	\$9 000 (2)	\$7 294 (1)	\$7 070 (2)	\$6 970 (2)
B.....	9 221 (4)	9 796 (1)	9 290 (1)	7 281 (2)	7 986 (1)	7 366 (1)
C.....	9 519 (2)	9 068 (3)	8 463 (3)	7 202 (3)	6 875 (6)	6 503 (6)
D.....	9 204 (5)	8 695 (6)	8 159 (7)	6 967 (7)	6 988 (3)	6 700 (3)
E.....	9 627 (1)	9 040 (4)	8 234 (5)	6 814 (8)	6 895 (5)	6 254 (8)
F.....	9 043 (6)	8 708 (5)	8 190 (6)	7 026 (6)	6 909 (4)	6 700 (3)
G.....	8 557 (9)	8 187 (9)	8 043 (9)	6 561 (9)	6 187 (9)	6 099 (9)
H.....	8 963 (8)	8 579 (7)	8 255 (4)	7 158 (4)	6 850 (7)	6 498 (7)
Illinois....	8 981 (7)	8 361 (8)	8 140 (8)	7 112 (5)	6 716 (8)	6 652 (5)

II. Percentage Increase in Averages, 1963-64 to 1965-66

University	Professor	Associate Professor	Assistant Professor	Instructor
A.....	6.07	4.32	3.80	4.65
B.....	7.90	2.66	-.07	-1.15
C.....	14.12	11.63	12.48	10.75
D.....	14.54	12.63	12.80	3.99
E.....	16.99	19.60	16.92	8.95
F.....	8.85	9.88	10.42	4.87
G.....	9.89	1.80	6.39	7.58
H.....	12.10	9.05	8.58	10.16
Illinois....	10.55	9.80	10.33	6.92

Nonacademic Salary Increases. With a single minor exception, the funds requested for nonacademic salary increases have been determined by calculation on the basis of the formula recommended by the staff of the Illinois Board of Higher Education. This formula had taken into consideration the deficiencies that appeared to exist in certain classifications, as of July 1, 1966. Since that date, the competitive situation for nurses' salaries in Chicago has become more acute, and the University has had to make emergency increases for the current year beyond the funds available in the present biennial budget for nonacademic salaries. Therefore, a supplemental increase has been included to adjust the original formula so as to bring the nurses' salaries up to competitive levels in the community.

B4. INCREASED ENROLLMENTS \$11 618 889

The levels of enrollment increase projected for the three campuses during 1967-69 are shown in Schedule D below. These figures are head counts for the fall term of each year and are presented to show the distribution of enrollments by the four educational levels used in the budget formula — as well as to provide figures with which earlier estimates and actual enrollments may be compared.

It should be noted, however, that the formula recommended by the staff of the Board of Higher Education has been used in calculating the funds requested for increased enrollments, and this formula is not based on fall-term enrollments

Schedule D. Fall Term Enrollments for 1965-66 and 1966-67 and Enrollment Projections for 1967-68 and 1968-69¹

<i>Fall Term</i>	<i>Freshman-Sophomore</i>	<i>Junior-Senior</i>	<i>Graduate I and Professional²</i>	<i>Graduate II²</i>	<i>Total</i>
<i>1965-66 Enrollment</i>					
Chicago Circle Campus.....	6 759	1 771	60	39	8 629
Medical Center Campus.....			2 242	141	2 383
Urbana-Champaign Campus..	11 358	8 756	4 190	3 637	27 941
<i>Total</i>	18 117	10 527	6 492	3 817	38 953
<i>1966-67 Enrollment</i>					
Chicago Circle Campus.....	7 519	3 269	73	60	10 921
Medical Center Campus.....			2 309	187	2 496
Urbana-Champaign Campus..	11 468	9 318	4 480	3 854	29 120
<i>Total</i>	18 987	12 587	6 862	4 101	42 537
<i>1967 Increase over 1966</i>					
Chicago Circle Campus.....	485	429	349	16	1 279
Medical Center Campus.....			89	9	98
Urbana-Champaign Campus..	-268	682	120	71	605
<i>Total</i>	217	1 111	558	96	1 982
<i>1967-68 Enrollment Estimates</i>					
Chicago Circle Campus.....	8 004	3 698	422	76	12 200
Medical Center Campus.....			2 398	196	2 594
Urbana-Champaign Campus..	11 200	10 000	4 600	3 925	29 725
<i>Total</i>	19 204	13 698	7 420	4 197	44 519
<i>1968 Increase over 1967</i>					
Chicago Circle Campus.....	1 296	960	151	93	2 500
Medical Center Campus.....			51	5	56
Urbana-Champaign Campus..	-200	400	175	100	475
<i>Total</i>	1 096	1 360	377	198	3 031
<i>1968-69 Enrollment Estimates</i>					
Chicago Circle Campus.....	9 300	4 658	573	169	14 700
Medical Center Campus.....			2 449	201	2 650
Urbana-Champaign Campus..	11 000	10 400	4 775	4 025	30 200
<i>Total</i>	20 300	15 058	7 797	4 395	47 550
<i>Biennial Increase</i>	1 313	2 471	935	294	5 013

¹ All figures are head counts.

² Chicago Circle figures include Social Work, administered from Urbana.

alone. Instead, estimates have been made of the total number of student-credit hours to be generated at each campus during the entire year 1966-67 (including the 1966 summer session and all sessions during the present academic year). Using such estimates as base figures, projections have been made in terms of total student-credit hours for each year of the biennium 1967-69. The increase in total student-credit hour load for each of these years, as compared with the preceding year, is used as the measure of annual enrollment increase for the purpose of calculating the funds needed for increased enrollment. The increases are determined for the four educational levels used in the enrollment reports and estimates.

Under the formula for estimating the cost of enrollment increases, the gains in student-credit hours as just described — for the four levels — have been multiplied by corresponding weighted average-cost figures developed from a cooperative study of instructional costs for 1964-65 conducted by the Budget Formula Committee and the staff of the Board of Higher Education. (The Medical Center campus was excluded from this study since its programs are unlike those conducted at any other campus of a state-supported university.)

It is questionable whether or not unit cost figures derived from 1964-65 data will yield valid estimates of the funds needed during 1967-68 and 1968-69 for handling the higher enrollments projected. The State Board staff assumes that increases in costs will not be strictly proportional to increases in enrollment, and that whatever cost inflation occurs during the three- or four-year period will be offset by the savings in those areas of cost that do not grow in strict linear relationship to enrollment. While this assumption is probably sound where relatively small percentages of increased enrollment are involved, it is questionable in the case of very large increases such as those projected for the Chicago Circle campus. In particular, the teaching-salary costs in such cases will grow in virtually direct proportion to enrollment and will probably show increases averaging 6 to 7 per cent per year on a national basis. A request for an incremental addition to the enrollment-increase funds to offset such cost increases was seriously considered by the University, but it finally was decided not to press for it for the coming biennium. Meantime, further careful studies of this problem will be made and, if the results seem to justify it, appropriate incremental increases would be requested in future years to offset deficiencies in the support yielded by this type of budget formula.

B5. OPERATING COSTS OF NEW BUILDINGS..... \$3 413 885

The additional funds needed for the operation and maintenance of buildings during 1967-69 are shown in detail in Schedule E beginning on the following page.

The first section of the table lists the new buildings to be occupied during 1967-69, grouping them by campuses and showing for each building the following information: floor area in gross square feet, estimated date of occupancy, funds needed for 1967-68 on an annual basis, the additional funds needed in 1968-69, and the biennial total requested.

The estimates of funds needed for the operation and maintenance of these buildings during 1967-69 were made in accordance with the guidelines provided by the staff of the Illinois Board of Higher Education. The general procedure was to multiply the number of gross square feet of area in each building by the standard figure of \$1.25 to derive an estimate of funds needed on an annual basis. In the case of buildings requiring funds in excess of this annual rate, detailed estimates have been developed in terms of procedures proposed by a task force of the Budget Formula Committee. The resulting calculations and other supporting detail will be submitted to the staff of the Board of Higher Education.

A second section of the table lists the buildings opened during 1965-67 for which no previous appropriations had been provided, and presents information about these buildings similar to that included for the new buildings in Section I. For such areas, the operating costs calculated on the basis of the 1965-67 budget standard of \$1.25 per gross square foot totaled \$563,557 — for the period of time during which these buildings were used in the 1965-67 biennium. The required funds were made available from appropriations for the operation of certain new buildings which were not completed in time for occupancy on the originally-scheduled dates.

Schedule E. Funds Needed for Operation of New Buildings

	<i>Floor Area (Gross Square Feet)</i>	<i>Occu- pancy Date</i>	<i>Annual Funds 1967-68</i>	<i>Increase 1968-69</i>	<i>Total</i>
I. New Buildings — 1967-69					
<i>Chicago Circle</i>					
North Classroom...	17 100	8-67	\$ 27 874	\$ 2 533	\$ 58 281
South Classroom...	28 700	8-67	48 412	4 300	101 124
Science and Engi- neering Offices...	151 630	3-68	89 656	179 308	358 620
Art and Architec- ture.....	117 785	2-68	88 134	123 368	299 636
Library Addition...	132 030	3-68	81 598	163 195	326 391
Utilities Center Addition.....	5 400	8-67	7 013	636	14 662
Science and Engi- neering Labora- tory Addition...	175 370	3-68	171 008	343 483	685 499
<i>Subtotal</i>			(513 695)	(816 823)	(1 844 213)
<i>Medical Center</i>					
East Dentistry- Medicine-Phar- macy Addition...	58 640	9-67	76 159	15 268	167 586
Medical Sciences Addition.....	25 948	10-67	26 693	8 896	62 282
<i>Subtotal</i>			(102 852)	(24 164)	(229 868)
<i>Urbana-Champaign</i>					
Undergraduate Library.....	98 700	9-68		102 813	102 813
Psychology Laboratory.....	147 296	12-68		107 403	107 403
Civil Engineering, Phase IIA.....	68 800	5-69		20 422	20 422
Krannert Center for the Perform- ing Arts.....	261 775	9-68		299 753	299 753
Nonacademic Personnel Offices	13 650	4-68	4 266	12 797	21 329
<i>Subtotal</i>			(4 266)	(543 188)	(551 720)
<i>Total</i>			(620 813)	(1 384 175)	(2 625 801)
II. Areas Opened in 1965-67 for Which No Appropriations Were Provided					
<i>Chicago Circle</i>					
Racine Avenue (Stein) Building	245 261	7-66	306 576		613 152
Hull House.....	10 871	7-66	13 589		27 178
Greenhouse.....	5 000	5-67	6 250		12 500
<i>Subtotal</i>			(326 415)		(652 830)
<i>Medical Center</i>					
Sangamon Street Building (Old Eye and Ear Infirmary).....	67 843	9-66	84 804		169 608
<i>Subtotal</i>			(84 804)		(169 608)

	<i>Floor Area (Gross Square Feet)</i>	<i>Oc- cupancy Date</i>	<i>Annual Funds 1967-68</i>	<i>Increase 1968-69</i>	<i>Total</i>
<i>Urbana-Champaign</i>					
Library Air Conditioning . . .		4-66	41 240		82 480
Air Conditioning Various Areas . .		7-65	15 000		30 000
Swine Research Facilities	25 306	1-66	31 633		63 266
1201 West California (FAA)	2 424	9-65	3 030		6 060
907 West Nevada (Ed.)	1 295	9-65	1 619		3 238
Observatory Addition	6 225	1-67	7 781		15 562
Turner Hall Greenhouses	4 421	1-67	5 526		11 052
Animal Genetics Building	2 400	7-66	3 000		6 000
1110 West Main (TV)	3 750	7-66	4 688		9 376
901 West Illinois (PE)	3 090	7-66	3 863		7 726
912 South Fifth (Provost)	3 711	7-66	4 639		9 278
57 East Armory (Ed.)	1 992	7-66	2 490		4 980
909 West Nevada (Psych.)	2 574	7-66	3 218		6 436
Farm Research Structures	16 168	7-66	5 561		11 122
<i>Subtotal</i>			(133 288)		(266 576)
<i>Total</i>			(544 507)		(1 089 014)
III. Other Items (Urbana-Champaign)					
Payment to City of Urbana (Street Lighting)			1 765		3 530
Deduct Saving in 1965-67 Budget Due to Delay in Opening New Buildings			-152 230		-304 460
<i>Total</i>			(-150 465)		(-300 930)
<i>Grand Total</i>			\$1 014 855	\$1 384 175	\$3 413 885

The Racine Avenue (Stein) Building adjacent to the Chicago Circle campus — for which the largest item shown in Schedule E is requested — had been scheduled for demolition in the urban renewal program of the city of Chicago. But with the cooperation of the City and the Governor, this building was acquired during the present biennium to meet emergency needs for more office, classroom, and laboratory space. Another structure listed in Section II of Schedule E, the old Illinois Eye and Ear Infirmary Building, was transferred to the University by the Illinois Department of Children and Family Services, and it has been remodeled for use as research space by departments at both the Medical Center and the Chicago Circle campuses.

A third section of the table includes an item for payment to the city of Urbana for street lighting and lists a deduction from the total funds required made possible by a saving in 1965-67 appropriations due to delay in the opening of new buildings beyond the dates originally estimated in the budget request.

B6. OTHER INCREASES \$14 212 076

This general category includes a variety of items that mainly relate to increased costs anticipated for existing programs during 1967-69. But categories 6c (Organized Research) and 6d (Extension and Public Service) include items for substantial expansion and improvement of existing programs, and such items might well have been included under category 7 (New Programs and Major Improvements). It was decided, however, to limit category 7 primarily to instructional programs and to list all requests for funds in support of organized research under 6c and all increases for extension and public service under 6d (although most of these items would appear to qualify as "Major Improvements").

6a. Price Increases \$1 925 500

Estimates of funds needed for price increases have been calculated in accordance with the guidelines provided by the staff of the State Board of Higher Education. It has been assumed that prices would increase at 3.5 per cent per year for the following types of items: commodities, contractual services, travel, equipment, and stationery and printing. Included also are hospital and medical services and appliances for the Division of Services for Crippled Children. Estimated expenditures for such items during 1966-67 have been used as the base from which the price increase allotments have been calculated.

6b. Refunds

These funds are required in order that the University might make refunds to students for whom fees are remitted under University regulations. Payments of students fees are deposited in the University's income fund in the State Treasury. When a student withdraws or receives a scholarship after paying his fees, the refunds must be charged to the appropriation. With the enrollment increases projected, it is estimated that an additional sum of \$170,000 for the biennium will be required for refunds of fees.

6c. Organized Research \$1 897 700

(1) *Center for Urban Studies, Chicago Circle Campus (\$370,500)*. The establishment of a Center for Urban Studies has been under consideration at the Chicago Circle campus for some time, and it will become the focal point for the coordination of the research activities of interested faculty members in all of the colleges and divisions of the institution. The Center will serve to relate the University of Illinois at Chicago Circle to the metropolitan community in which it is located and, more generally, to the pressing problems of urban society.

Except for a small core staff, all of the regular faculty members of the Center will be affiliated with academic departments, and usually will be principally engaged in instruction within their special fields. The Center will provide the means to securing released faculty time for special studies, in which graduate students will be used extensively as research assistants.

It is estimated that the sum of \$144,400 would be needed for the first year of the biennium, in addition to funds that would be expected from grants. The appropriation would provide a full-time salary for the director, senior research staff time (3.0 FTE), research assistants (3.0 FTE), technical and other non-academic staff (5.0 FTE), and funds for wages, expense, and equipment.

(2) *Center for Health Care Research and Community Studies, Medical Center Campus (\$184,000)*. This Center would provide an interdisciplinary focus for research on health care and its community setting, which is expected to enlist the collaboration of all colleges and schools at the Medical Center campus. The problem has been under study for more than a year, and the present proposal has been prepared by a twenty-two man task force appointed last December by Chancellor (then Vice President) Begando. His action was taken in response to a resolution adopted at an earlier conference of eighty-two faculty members who met for two days to discuss future directions in education and research in the health professions at the University of Illinois.

The work of this Center will be concerned with such problems as the following: qualitative and quantitative aspects of the care of patients and the organization and delivery of its dental, medical, pharmaceutical, and nursing components; the maintenance of health; early detection of disease; estimates of the

incidence and prevalence of disease; aspects of social and community structure that influence patterns of health and illness.

It is expected that the Center will sponsor large-scale research and evaluation studies with support from outside sources, but a basic budget is required for a core staff that would maintain continuity in the Center's work and provide administrative direction.

(3) *Center for Education and Research in Genetics, Medical Center Campus (\$115,000)*. A relatively small request for funds is included to permit the College of Medicine to bring together faculty members from various departments in an interdisciplinary core program in medical genetics. It is expected that large-scale federal support for research in this area will be forthcoming, and that the major costs of the research program would be met from outside sources. Nevertheless, a limited amount of University funding seems desirable partly in order to provide a core of administrative support (a director and one additional academic staff member), together with clerical staff and funds for wages, expense, and equipment. The College of Medicine gives very high priority to the development of this program, which would fulfill a long-felt need in an important field of biological and medical science.

(4) *Water Resources Center, Urbana-Champaign Campus (\$135,000)*. The University of Illinois has been designated by the Governor as the state agency for the administration of federal appropriations allocated to Illinois on a "formula" basis under the Water Resources Research Act of 1964. The budget increase requested (\$60,000 for 1967-68 and \$75,000 for 1968-69) represents the funds needed in order for the state to participate in the matching-grant program established under that Act. These funds would be used to support research at public and private universities throughout the state, as determined by action upon applications submitted by institutions with interested and qualified staff members.

(5) *Computer-Based Education Research Laboratory, Urbana-Champaign Campus (\$120,000)*. This Laboratory was recently established within the Graduate College, and is expected to stimulate research throughout the University in its designated field. The amount requested on an annual basis for 1967-69 (\$60,000) is less than the estimate given in the statement sent to the State Board of Higher Education asking approval for the establishment of the Laboratory. These funds would provide salaries for 4.0 FTE administrative and research staff, 1.0 FTE clerical position, and a small sum for wages, expense, and equipment.

The Laboratory will emphasize the interaction of computer specialists, subject-matter specialists, and specialists in education and psychology—in large-scale studies of instruction at all educational levels. It is expected that the major part of the cost of the Laboratory's program would be met from outside grants and contracts.

(6) *Expanded Computer Services, Chicago Circle and Urbana-Champaign Campuses (\$973,200)*. The computer-service needs of the Chicago Circle and the Urbana-Champaign campuses have been combined here for purposes of presentation, although they are largely separate in program and in funding requirements. The possibility of a linkage between computer facilities at the two campuses, whereby Chicago Circle users who needed it could have access to the large-scale system proposed for Urbana-Champaign, is a matter that is being studied further in connection with the two parallel applications for support from the National Science Foundation. The decisions on the mode and extent of inter-campus linkage probably would not influence greatly the cost estimates made for the two current proposals—so far as the 1967-69 biennium goes.

Both the Chicago Circle and the Urbana-Champaign proposals are similar in these two respects: (a) both involve the installation of computers in the IBM 360 series; (b) both anticipate that the greater part of the rental and operating costs of their respective systems would be met from non-state sources (NSF grants and income from charges to research grants and projects). The Chicago Circle program calls for an IBM 360/40 computer in 1967-68 and an IBM 360/50 computer in 1968-69. The biennial rental and operating cost would be approximately \$1,000,000, of which \$298,200 in state funds is requested. The remainder would come from NSF and from charges to users.

The Urbana-Champaign program calls for an IBM 360/50 computer for the first six months of the 1967-69 biennium and an IBM 360/75 computer for the

remaining eighteen months. Together with other computers that would be gradually phased out of use during this period, the total biennial cost is estimated to be \$2,292,500, of which the sum of \$675,000 in state funds is requested. The remainder would come from an NSF grant and from charges to users.

Although these costs are heavy, there would seem to be no alternative to providing these improved services except serious deterioration in the scientific and engineering research activities of the University of Illinois. It should be noted in this connection that the extensive development of computer services by the Department of Computer Science at Urbana-Champaign over the past two decades has been financed very largely from non-state funds. This is the first request for a special appropriation for the support of computer services, although funds have been provided to the Department (formerly called the "Digital Computer Laboratory") for research on computers and for instruction.

6d. *Extension and Public Service*..... \$2 709 500

(1) *Matching Funds for Grants under Title I of the Higher Education Act (\$300,000)*. This sum appears to be a reasonable estimate of the funds which the University might appropriately use during the 1967-69 biennium for matching federal grants for community service projects. It is assumed that some \$70,000 would be required for 1967-68 and \$230,000 for 1968-69. These sums would represent, respectively, approximately 36 per cent and 38 per cent of the state's total allotments for these two years—under the authorizations for these programs. If less than the authorized amounts were actually to be appropriated by Congress, it seems probable that the total requested as a budget increase could well be spent for expanded University programs in this general area.

(2) *Matching Funds for Grants under the State Technical Services Act (\$300,000)*. The University's current program under the State Technical Services Act totals approximately \$300,000 for Fiscal Year 1967, to be used for the general purpose of encouraging improved technology in the industries of the state. For the 1967-69 biennium, the program would total approximately \$1,200,000. This would require some \$300,000 in matching funds from the University. The remainder would be financed from federal funds and from industry's contributions.

(3) *Division of University Extension (\$155,500)*. No increase in funds specifically for the Division of University Extension was requested for the 1965-67 budget, and the present request represents a very modest sum for increased enrollment (\$85,500) and new programs (\$70,000). The enrollment projections assume a decrease in freshman-sophomore enrollments, with virtually all of the increase being at advanced undergraduate and graduate levels. (Extension enrollments have not been included in the enrollment projections involved in the budget-formula calculations.) The new programs proposed would enable the Division to work with groups in various colleges interested in adult-education programs designed to improve the adjustment of professions to rapid changes in knowledge and to improve the impact of the University on community life.

(4) *Division of Services for Crippled Children (\$1,954,000)*. The University of Illinois is essentially an agency of the state for the administration of this program. It is almost entirely public-service in nature, and the major part is not very closely related to the University's work at the Medical Center campus. Of the total requested, the sum of \$1,136,000 would go to meet the increased costs of the current program—mainly for the higher cost of hospitalization and medical-dental fees. Without additional funds, it will be necessary to reduce the services of the Division.

The sum of \$168,000 is requested for improvements in existing programs, consisting principally in an increase in the number of professional personnel serving at the central administrative base and at the regional and district offices of the agency—plus funds for expense and equipment at these offices.

The sum of \$650,000 is requested for a new program, which would mean the addition of a single category of disability or illness not now included within the Division's range of services. (Dr. Edward F. Lis, the Director of the Division, cites children with visual handicaps, hemophilia, chronic asthma, and chronic renal conditions as being among the serious long-term disabilities which might be given attention by his Division, but which can not be treated within the present budgetary limits.)

6e. *Other Specific Items*..... \$7 509 376

(1) *Rental and Operation of Newly-Leased Space (\$414,516)*. The space in question is located both in Urbana-Champaign and in Chicago, and it represents areas occupied since July 1, 1966, or soon to be occupied. Except for the rental of a theatre for use by the Department of Speech and Theatre at Chicago Circle for instructional purposes, all of the space would be used as offices for faculty members or by administrative units. All of the space is critically needed, and the rental plus operating cost seems modest in relation to the total capital and operating costs of an equivalent amount of space in permanent University buildings.

(2) *Unfunded Costs of the Architectural Division of the Physical Plant Department (\$987,360)*. Heretofore, the costs of this Division, except for the director's salary, have been met mainly from charges for services assessed against the budgets of building and remodeling projects and of departments requiring architectural and engineering services. The Illinois Building Authority has recently ruled that no such charges may be made after July 1, 1967, against the project budgets for buildings being financed through that agency, even though University architects and engineers have been involved in the preliminary planning of such structures and would participate in the supervision of construction. The funds requested represent the anticipated costs of these activities in Chicago and in Urbana-Champaign for the 1967-69 biennium — based on detailed estimates of the actual time that would be required on the part of the several categories of personnel, plus indirect costs such as the following: vacations, leaves, and holidays; travel; equipment, supplies, and blueprints; miscellaneous expenses.

The Physical Plant Department has conducted a detailed study of the practices at other institutions concerning the financing of internal architectural and engineering services. In the light of this study, it appears that the cost levels projected are reasonable in relation to the total volume of construction involved. Hence, if this necessary work is to be done, an appropriation in the amount indicated will have to be provided.

(3) *Student Loan Matching Funds (\$67,500)*. This sum is estimated to be needed to match expected increases in federal grants to the University for loans to students.

(4) *Moving Expenses for New Faculty Members (\$416,500)*. Heretofore, the University has paid part of the moving costs of selected new members of the faculty, but has not been able to institute a University-wide, uniform policy concerning moving expenses. The competition from other institutions has grown so rapidly during the past year or two, however, that it now seems virtually certain that the University will have to pay a substantial part of such costs to the majority of faculty members recruited. The alternatives would be either to pay higher starting salaries (which is undesirable, since such a cost is recurring) or to become reconciled to appointments at lower than desired quality.

In order to meet these changed conditions, an additional appropriation for moving expenses of new faculty members is needed. In arriving at an estimate of the amount required, an average of \$500 per eligible individual has been assumed as a basis for calculation. The estimated number of reimbursements has been derived by considering two categories of new appointees. The first includes individuals added to fill newly-created positions required for increased enrollment. It has been assumed that only the number of such individuals required to teach upper-division and graduate students would be reimbursed. (Individuals who come to the University for their first job are not usually reimbursed in any amount for moving expenses.) The second category consists of individuals needed to fill vacancies arising within the existing staff due to resignations, retirements, and deaths. This number is assumed to be 6 per cent of the teaching faculty.

(5) *Deficiency in Funds for a Full Summer Quarter at Chicago Circle (\$440,000)*. The Chicago Circle budget for 1965-67 was based on a summer session of half a semester in length. Beginning with the summer of 1966, the length of the term was increased to a full quarter, representing a 50 per cent increase in length of time and a like increase in teaching-salary costs. The amount requested (\$220,000 per summer session for the next biennium) represents the unbudgeted salary component of the summer session costs for 1966. (The

enrollment-increase funds requested for the 1967 and 1968 summer sessions would provide funds for the full summer quarter for the additional students.)

(6) *Deficiency in Funds for Wages, Expense, and Equipment, Chicago Circle Campus (\$932,000)*. The funds needed for the operation of the Chicago Circle campus during the biennium 1965-67 have been far below a minimally satisfactory level, and the shortage has been acutely felt in two main areas: (a) the departmental budgets for wages, expense, and equipment; (b) funds for library acquisitions. The shortage in the first category stems partly from the serious inadequacies of expense and equipment budgets of all departments at Navy Pier — even for the lower-division programs offered there. With the move to Chicago Circle and the establishment of some twenty-five new departments, the level of costs increased enormously without commensurate increase in budgets. Temporary funds had to be used to meet the emergency, and the biennial budget for 1965-67 did not include sufficient incremental increases to offset the new cost levels.

A prominent example of an extraordinary increase in expense is found in the telephone charges: \$63,346 in 1964-65 vs. \$247,963 in 1965-66. This increase alone accounts for about 40 per cent of the amount requested as an annual budget increase for 1967-69.

During 1965-66, it was necessary to provide some \$300,000 in supplemental, nonrecurring funds for the Chicago Circle campus, and even with this additional support there was a residual deficiency at the end of the fiscal year amounting to \$194,556.

(7) *Expansion of the Teacher-Education Program, Chicago Circle Campus (\$203,200)*. These funds are needed to support several types of changes planned for the Division of Education and the teacher-education program at Chicago Circle during the coming biennium. The Division of Education probably will be reorganized into a College of Education, with a new curriculum in elementary education to provide junior-senior instruction for the several hundred students now enrolled in this program at freshman-sophomore level. For these reasons, and in order to remedy serious existing deficiencies, the practice-teaching program needs a very substantial increase in support which can not be secured from the regular enrollment-increase allotment under the budget formula. Among the new positions needed are the following: assistant dean, .5 FTE; coordinator of programs for the Council on Teacher Education, 1.0 FTE; practice-teaching supervisors, 3.33 FTE in 1967-68 and 5.0 FTE in 1968-69; cooperating teachers (in the public schools), a budget item of \$10,800; nonacademic staff, 1.0 FTE; wages, expense, and equipment, \$5,000.

(8) *Library Improvement at the Chicago Circle Campus (\$1,235,300)*. The principal need is for a total of \$755,900 for library acquisitions for the biennium, including funds for books, binding, processing staff, expense, and equipment. With this sum, it would be possible in time to overcome the woeful inadequacies of the basic library collection, stemming from the very low level of support available throughout the entire period at Navy Pier. With the extraordinary expansion of programs, both in number and in level, and especially with the proposed initiation of graduate study in 1967-68, it is imperative that the level of support for acquisitions be increased as recommended.

The remainder of the increase would be for the improvement of library services, especially for staff increases to remedy deficiencies that have existed ever since the move from Navy Pier. The total requested for increases in operating funds is \$479,400 for the biennium. After this addition, it should be possible to meet the needs arising from increased enrollment from funds provided under the enrollment-increase formula.

(9) *Internal Institutional Studies, Chicago Circle Campus (\$220,000)*. The increasing demand for institutional studies, generated internally as well as from requests from outside agencies, makes it essential that additional staff be provided to certain key offices at the Chicago Circle campus during the coming biennium. The existing staff of the main administrative offices does not have the time or the training, as a rule, to undertake the specialized types of studies required. Hence it is proposed to put six individuals in key offices at Chicago Circle in 1967-68, with primary responsibility for collecting data for internal studies, codification of the data, and the preparation of reports. Four nonacademic positions would be provided, together with funds for wages, expense, and

equipment. The total cost of \$110,000 per year would represent a relatively small investment in relation to the growing size and complexity of the Chicago Circle campus and to the overall level of its budget.

(10) *Medical Illustration Studios (\$78,000)*. This agency provides laboratory training for the curriculum in medical art and also serves as the central facility for audio-visual aids at the Medical Center campus (including instructional television). The growing responsibilities of the organization have not been paralleled by increases in its operating budget — primarily because the enrollment increase funds have not been sufficient to permit adequate allocations to the Medical Illustration Studios. The funds requested would provide a total of \$12,800 for the benefit of the curriculum in medical art, and \$26,200 for staff and expenses of the instructional television unit — making a total of \$39,000 on an annual basis, or \$78,000 for the biennium.

(11) *Improvement of Clinical Departments in the College of Medicine (\$614,000)*. This item and the following one are complementary in nature, since both relate to the improvement of the instructional and research program in the Research and Educational Hospitals. The College of Medicine carries in its budget the salaries of all of the staff physicians of the Hospitals, and the heads of the several clinical departments of the College are also the chiefs of their corresponding services in the Hospitals.

Because enrollment in the College of Medicine has been relatively static, except for a limited number of graduate students, it has been very difficult in recent years to increase the budgets of the clinical departments at all; and it hence has been quite impossible to add the kind of support necessary to enable these departments to keep pace adequately with the rapidly-growing demands of modern health-care practices. The sum of \$307,000 requested per year would provide a total of fifteen FTE academic positions in the several clinical departments, with \$114,000 of this amount being allotted to the Department of Surgery and its Division of Anesthesiology. There has been for some time a serious shortage in the number of anesthesiologists required to carry on the educational program, to supervise the training of resident anesthetists, and to furnish adequate professional services for the benefit of the surgical patients.

A search is now under way for a new head of the Department of Surgery, and it will be quite difficult, if not impossible, to secure a highly-qualified person for that position unless additional staff and other resources can be assured.

(12) *Research and Educational Hospitals (\$1,901,000)*. It has already been mentioned that an increase of some \$2,000,000 in income is expected from the Research and Educational Hospitals for the 1967-69 biennium. It is proposed, therefore, to increase the budget of the Hospitals by almost this entire amount, in order to overcome a severe shortage of funds in the current operating budget and to enable the Hospitals to maintain the quality of medical services expected of an institution devoted to teaching and research.

For the biennium 1965-67, the University requested a total of \$1,500,000 as an incremental appropriation for the purpose of overcoming the budgetary deficiency of the Research and Educational Hospitals. The Board of Higher Education approved only \$990,200 of the total amount requested, and the University reluctantly decided to accept this recommendation. But the deficiency of two years ago has remained and, furthermore, the Hospitals have not been able to keep pace with the growing demands of modern diagnosis and treatment. The following item from the Director of the Research and Educational Hospitals describes an important aspect of the difficulty:

"Without any increase in the number of patients cared for, either as bed patients or in an ambulatory state, there will be a significant rise in the cost of care. This increased cost stems principally from the need for more personnel to carry out the expanded scope of medical and hospital care which can, today, be applied to the diagnostic and curative processes. Twenty years ago the most complex surgical procedure might have required the services of eight professionals (four surgeons and assistants, three nurses, and an anesthetist). Today an open heart procedure will tie up a major operating theatre for six hours and require a team of twenty-four professionally and technically trained people. . . . Proof of this thesis lies in the number of hospital personnel per bed as reported nationally on an annual basis. In 1946,

taking into consideration *all* hospitals in the country, there were seventy-three personnel employed per one hundred patients. By 1965 this had virtually doubled — to one hundred thirty-nine."

Inasmuch as the sharp increase in hospital income promises to make the necessary budget increase possible without additional tax funds, it seems both feasible and equitable that the full increase requested for the Research and Educational Hospitals for 1967-69 be approved.

B7. NEW PROGRAMS AND MAJOR IMPROVEMENTS..... \$1 934 550

7a. *Chicago Circle Campus*..... \$861 050

(1) *New Graduate Programs (\$727,550)*. This incremental request represents costs to be incurred upon the initiation of graduate study at the Chicago Circle campus, over and beyond those to be met from funds derived from the enrollment-increase formula. Two types of costs are represented in this request: (a) those related to the Office of the Graduate College; (b) those related to the departments offering new graduate programs.

The funds requested by the Graduate College total \$344,000 and include the following items on a biennial basis: (a) academic staff, \$22,000; (b) nonacademic staff, \$35,000; (c) graduate fellowships, \$60,000; (d) faculty summer fellowships, \$27,000 (for junior faculty members, mainly in the social sciences and humanities); (e) funds for research grants to faculty members, \$185,000; (f) expense and equipment funds, \$15,000.

The incremental requests for the departments expected to be offering graduate study during the 1967-69 biennium have been carefully analyzed so as to eliminate any overlap with the funds derived from the enrollment-increase formula. The total requested is \$383,550 for the biennium, and this figure represents mainly the costs of the teaching staff required to offer an adequate program of graduate courses in each field. The incremental request includes funds for the salaries of instructors in excess of those provided by the budget formula, at an average salary of \$12,000 per instructor. Incremental items are included for expense and equipment only in the case of the science and engineering departments which require laboratory supplies.

(2) *Three New Departments (\$133,500)*. These funds are requested for administrative salaries, secretarial salaries, wages, expense, and equipment. The three departments and the biennial amounts requested are as follows: Anthropology, \$56,000; Slavic Languages, \$54,000; Classics, \$23,500. (The first two departments would be in operation throughout the 1967-69 biennium, while the Classics Department would not be organized until 1968-69.)

7b. *Medical Center Campus*..... \$197 000

(1) *Improvement of Programs in Associated Medical Sciences (\$67,000)*. When the School of Associated Medical Sciences was established in 1963, insufficient funds were made available for the several curricula administered by that unit (especially Medical Record Administration and Occupational Therapy). Enrollments are small and the funds yielded by the budget formula are quite inadequate to provide the staff needed for a full curriculum in each specialty. There is heavy overloading at the present time, and the funds requested would provide additional teaching and clerical staff, together with a small amount for wages, expense, and equipment.

(2) *Improvement of Two Non-Clinical Departments in the College of Medicine (\$130,000)*. The Department of Biochemistry and the Department of Preventive Medicine and Community Health both are undergoing major changes in program direction and leadership. A new head has just been appointed for the latter department, while a search is now in progress for a head for Biochemistry. In the latter case, individuals who have visited the Department have emphasized the need for at least one additional staff member and a clerical position, together with funds for expense and equipment. Part of the requested total can be secured from enrollment-increase funds, but an additional sum of \$49,000 on a biennial basis is needed.

The newly-created Department of Preventive Medicine and Community Health will be expanded to include teaching, research, and service in the fields of nutrition, human genetics, and clinical preventive medicine (including rehabilita-

tion). The new Department represents the consolidation of two former small departments: the Department of Preventive Medicine and the Department of Public Health. The earlier departments have had quite small staffs and inadequate facilities. When Phase II of the Medical Sciences Addition has been completed, the new Department will have adequate facilities, and funds are requested for the addition of two FTE academic staff members, one nonacademic position, and funds for wages, expense, and equipment (totaling \$81,000 for the biennium).

7c. *Urbana-Champaign Campus* \$876 500

(1) *International Program in Agriculture (\$160,000)*. The College of Agriculture is planning a new educational and research program in international agriculture, in the expectation that a substantial grant will be forthcoming from the Agency for International Development (under the Foreign Assistance Act of 1966). This will be a highly important program involving several departments within the College, and should have long-range significance both for the University and for the country. The funds requested would provide a nucleus of support for administrative purposes and for the guarantee of a few tenured positions. The focus of the work initially would be upon Indian agriculture, and it is hoped that this on-campus program can be coordinated with the University's overseas contract program in India sponsored by AID.

(2) *Asian Studies (\$140,000)*. The sum of \$100,000 was requested for the 1965-67 biennial budget, but this amount was reduced to \$45,000 in the recommendation of the Board of Higher Education. With this sum, a small beginning has been made towards the support of the Center for Asian Studies. The purpose of the present request is to expand that program, with particular reference to offerings in Japanese and Chinese history and literature. The funds requested would provide four academic positions, two library positions, and two clerical positions. The additional incremental sum requested should make it possible for the Asian studies program to finance future expansion from funds secured from enrollment-increase allotments and from outside grants.

(3) *Graduate Training for Junior-College Personnel (\$89,000)*. This program is sponsored by the College of Education at Urbana-Champaign and is directed towards the training of administrative personnel and teachers for the junior colleges of the state. Together with staff already provided, the addition of \$44,500 on an annual basis would make possible a senior appointment in the field of administration, a specialist in the area of institutional research, a half-time assistant, a secretary, and funds for wages, expense, and equipment. The program is badly needed, and the College has well-developed plans for implementing it.

(4) *Major Reorientation of the Civil Engineering Curriculum (\$200,000)*. The Department of Civil Engineering at Urbana-Champaign is one of the most distinguished graduate and research departments in the country (ranking second in the recent study of the American Council on Education). The purpose of the present proposal is to reorganize and give totally new direction to the undergraduate curriculum in Civil Engineering. Extensive research and development has already been done in several aspects of the methodology that would underlie the new program—particularly through the work of the Civil Engineering Systems Laboratory established last year. The new approach would emphasize the use of computers in courses in structural analysis and in design processes, as well as in the programming of building construction and similar systems analysis related to Civil Engineering problems.

Initially, approximately one-third of the Civil Engineering curriculum would be shifted to the new program, and the entire curriculum would be changed as appropriate staff and laboratory facilities could be provided. The sum requested for 1967-69 would provide funds for additional staff (academic and nonacademic), and for wages, expense, and equipment.

(5) *New Program in Geology (\$124,000)*. Recently, a new head was appointed for the Department of Geology with the understanding that steps would be taken to strengthen the Department's work in certain neglected fields that are highly important in modern geology: structural geology, geophysics, and geochemistry. The Department has had no structural geologists for many years, and

it has been unusually weak in the fields of geochemistry and geophysics. The funds requested would provide three academic positions, three nonacademic positions (including two technicians), and funds for wages, expense, and equipment. The requested sum would provide the increment needed in order to introduce the work in these new fields, beyond the funds that might become available under the enrollment-increase formula.

(6) *Kronner Center for the Performing Arts (\$163,500)*. This Center is scheduled to be opened by September, 1968, and the funds requested would provide the minimal number of administrative and technical positions needed for its operation. A director would be appointed as of September, 1967, and the budget item for that year would provide a salary for a secretary, and funds for consultants, travel, and other expenses. During 1968-69, additional staff would be employed, including a business manager and technical staff for the operation of the facility.

Schedule F. Comparison of 1965-67 Appropriations by Object Classification and Fund With Appropriations Requested for 1967-69

	<i>Appropriation 1965-67</i>	<i>Estimated Expenditures 1965-67</i>	<i>Appropriation Requested 1967-69</i>
<i>General Revenue</i>			
Personal Services.....	\$162 611 562	\$162 611 562	\$208 765 736
Contractual Services.....	13 513 000	13 513 000	18 350 000
Travel.....	981 400	981 400	1 280 000
Commodities.....	5 418 600	5 418 600	8 300 000
Equipment.....	4 206 600	4 206 600	6 800 000
Retirement Contributions.....	6 957 500	6 957 500	12 302 700
Artificial Appliances.....	275 000	275 000	475 000
Hospital and Medical Services	2 400 000	2 400 000	4 075 000
<i>Total</i>	<u>\$196 363 662</u>	<u>\$196 363 662</u>	<u>\$260 348 436</u>
<i>University Income</i>			
Personal Services.....	\$ 4 950 000	\$ 5 026 366	\$ 5 200 000
Contractual Services.....	1 500 000	4 087 506	1 750 000
Travel.....	280 000	513 600	370 000
Commodities.....	1 000 000	2 774 714	1 100 000
Equipment.....	1 000 000	2 805 043	1 100 000
Contingencies.....	7 000 000	(¹)	9 000 000
Refunds.....	330 000	474 923	500 000
Workmen's Compensation.....	100 000	116 000	112 500
Student Loan Matching.....	210 000	210 000	277 500
Permanent Improvements.....	1 000 000	1 300 000	1 200 000
Awards and Grants.....	730 000	791 848	790 000
<i>Total</i>	<u>\$ 18 100 000</u>	<u>\$ 18 100 000</u>	<u>\$ 21 400 000</u>
<i>General Revenue and Income Fund</i>			
Personal Services.....	\$167 651 562	\$167 637 928	\$213 965 736
Contractual Services.....	15 013 000	17 600 506	20 100 000
Travel.....	1 261 400	1 495 000	1 650 000
Commodities.....	6 418 600	8 193 314	9 400 000
Equipment.....	5 206 600	7 011 643	7 900 000
Contingencies.....	7 000 000	(¹)	9 000 000
Refunds.....	330 000	474 923	500 000
Retirement Contributions.....	6 957 500	6 957 500	12 302 700
Workmen's Compensation.....	100 000	116 000	112 500
Student Loan Matching.....	210 000	210 000	277 500
Permanent Improvements.....	1 000 000	1 300 000	1 200 000
Artificial Appliances.....	275 000	275 000	475 000
Hospital and Medical Services	2 400 000	2 400 000	4 075 000
Awards and Grants.....	730 000	791 848	790 000
<i>Total</i>	<u>\$214 463 662</u>	<u>\$214 463 662</u>	<u>\$281 748 436</u>

¹ Included in other items.

Schedule G. Comparison of 1965-67 Appropriations by Activities and Object Categories With Appropriations Requested for 1967-69

General Revenue and Income Fund Combined

	<i>Allocations 1965-67</i>	<i>Estimated Expenditures 1965-67</i>	<i>Requested Allocations 1967-69</i>
<i>Administration</i>			
Personal Services.....	\$ 16 600 000	\$ 16 676 366	\$ 20 012 116
Contractual Services.....	2 600 000	3 288 083	3 200 000
Travel.....	115 000	115 000	120 000
Commodities.....	600 000	749 637	800 000
Equipment.....	150 000	150 000	180 000
Retirement Contributions.....	6 957 500	6 957 500	12 302 700
Workmen's Compensation.....	100 000	116 000	112 500
<i>Subtotal</i>	<i>(\$ 27 122 500)</i>	<i>(\$ 28 052 586)</i>	<i>(\$ 36 727 316)</i>
<i>Instruction (including research and extension)</i>			
Personal Services.....	\$132 180 700	\$132 180 700	\$169 890 197
Contractual Services.....	5 613 000	6 345 163	8 500 000
Travel.....	1 143 400	1 362 431	1 516 500
Commodities.....	5 118 600	6 206 643	7 400 000
Equipment.....	4 456 600	5 623 229	6 800 000
Refunds.....	330 000	474 923	500 000
Student Loan Matching.....	210 000	210 000	277 500
Distributive Items.....	2 675 000	2 675 000	4 550 000
Awards and Grants.....	730 000	791 848	790 000
<i>Subtotal</i>	<i>(\$152 457 300)</i>	<i>(\$155 869 937)</i>	<i>(\$200 224 197)</i>
<i>Physical Plant</i>			
Personal Services.....	\$ 18 780 862	\$ 18 780 862	\$ 24 063 423
Contractual Services.....	6 800 000	7 967 260	8 400 000
Travel.....	3 000	17 569	13 500
Commodities.....	700 000	1 237 034	1 200 000
Equipment.....	600 000	1 238 414	920 000
Permanent Improvements.....	1 000 000	1 300 000	1 200 000
<i>Subtotal</i>	<i>(\$ 27 883 862)</i>	<i>(\$ 30 541 139)</i>	<i>(\$ 35 796 923)</i>
<i>Contingencies</i>	<i>7 000 000</i>	<i>(¹)</i>	<i>9 000 000</i>
<i>Total, University</i>	<i>\$214 463 662</i>	<i>\$214 463 662</i>	<i>\$281 748 436</i>

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the Law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
LARRY LEON DOWELL	Bettendorf, Iowa	Iowa
JOSEPH EDMOND FURMAN	Arlington Heights, Illinois	District of Columbia
ALAN SIDNEY KRAVITS	Chicago, Illinois	District of Columbia
JOHN RAYMOND O'BRYAN	Libertyville, Illinois	Ohio
CURTIS N. STRATE	Deerfield, Illinois	District of Columbia
DAVID LEON WARES	Grand Rapids, Michigan	Michigan
ROBERT STEVEN WINNETT	Wood River, Illinois	Indiana
ALBERT JAY WRIGHT III	Chicago, Illinois	New York

I concur.

On motion of Mr. Johnston, these certificates were awarded.

¹ Included in other items.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Y— twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

1. WILLIAM F. EICKER, Consultant with rank of Assistant Professor, Children's Research Center (Urbana), beginning September 1, 1966, without salary (DY).
2. PATRICK J. G. GRANT, Visiting Assistant Professor of English (Urbana), for the second semester of 1966-67, at a salary of \$4,400 (D).
3. TOSHIO IINO, Visiting Professor of Accountancy (Urbana), for the academic year 1966-67, on one-half time, at a salary of \$6,000 (E50).
4. GIUSEPPE INGHILLERI, Visiting Professor of Civil Engineering (Urbana), for three months from March 1, 1967, at a salary of \$5,000 (G).
5. LAWRENCE JACQUES, Assistant Professor of Health Science and Staff Physician, Health Service (Chicago Circle), on one-half time, beginning September 15, 1966, at an annual salary of \$7,500 (DY50).
6. PATRICIA V. JOHNSTON, Visiting Assistant Professor of Food Science (Urbana), for six months from December 1, 1966, at a salary of \$5,000 (G).
7. ERIC L. KOHLER, Visiting Professor of Accountancy (Urbana), for the first semester of 1966-67, at a salary of \$5,000 (E).
8. WAYNE A. MADSEN, Assistant Professor of Systems Engineering (Chicago Circle), beginning September 1, 1966, at an annual salary of \$9,500 (B).
9. MYRON B. MANLEY, Clinical Counselor with rank of Assistant Professor in the Student Counseling Service (Urbana), beginning September 1, 1966, at an annual salary of \$11,500 (DY).
10. RICHARD C. MURRAY, Assistant Professor of Nursing (Medical Center), on one-half time, beginning September 1, 1966, at an annual salary of \$4,500 (DY50).
11. EMMA B. WHITEFORD, Visiting Professor of Vocational and Technical Education (Urbana), for the academic year 1966-67, at a salary of \$11,000 (E).

On motion of Mrs. Watkins, these appointments were confirmed.

APPOINTMENT OF CHANCELLOR, URBANA

(4) At its meeting of June 15, 1966, the Board of Trustees approved the establishment of an administrative position to be designated Chancellor of the University of Illinois at Urbana-Champaign.

After consultation with appropriate administrative officers, and with the advice of a committee selected by the Urbana-Champaign Senate,¹ I now recommend the appointment of Jack W. Peltason, presently Vice-Chancellor for Academic Affairs at the University of California at Irvine, as Chancellor of the Urbana-Champaign Campus. The appointment would become effective at a date yet to be determined but no later than September 1, 1967. Dr. Peltason is also recommended for appointment as Professor of Political Science on indefinite tenure.

The appointment is recommended on a twelve-month service basis and at a salary of \$32,000.

As indicated earlier, the Chancellor, under the direction of the President, will serve as the chief executive officer for the campus. He will perform such duties as may be delegated and assigned to him by the President and as may be consistent with the *Statutes* of the University and the actions of the Board of Trustees. Comparable positions now exist, by action of the Board of Trustees, at the Chicago Circle campus and at the Medical Center.

¹ John Bardeen, Professor of Electrical Engineering and of Physics; Herbert S. Gutowsky, Professor of Physical Chemistry; Robert W. Johannsen, Professor of History and Chairman of the Department; Solomon B. Levine, Professor of Asian Studies and of Labor and Industrial Relations, and Director of Asian Studies Center; Glenn W. Salisbury, Professor of Dairy Science and Head of the Department; Victor J. Stone, Professor of Law.

Although Dr. Peltason is well-known to the Trustees from his previous service in the University, a general outline of his career is supplied in the attached statement.

On motion of Mr. Dilliard, this appointment was approved.

**ACTING DEANSHIP OF COLLEGE OF ENGINEERING,
CHICAGO CIRCLE**

(5) The Chancellor at Chicago Circle has recommended the appointment of Rupert M. Price, presently Associate Professor of Physics, *Emeritus*, as Professor of Engineering and Acting Dean of the College of Engineering at Chicago Circle for eight months beginning January 1, 1967, at an annual salary of \$24,500 on a twelve month-service basis.

Professor Price will replace Dean Robert B. Banks who has submitted his resignation effective December 31, 1966, so that he may accept a position with the Ford Foundation.

The Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY, URBANA

(6) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Clark C. Spence as Chairman of the Department of History at Urbana for two years beginning September 1, 1967. The salary will be determined when the budget for 1967-68 is submitted to the Board for approval.

Professor Spence will succeed Professor Robert W. Johannsen who will have served two consecutive two-year terms, and will not be eligible for reappointment under the by-laws of the Department of History.

This recommendation is submitted after consultation with members of the Department and on nomination of its Executive Committee. The Executive Committee of the College of Liberal Arts and Sciences and the Executive Vice-President and Provost have been consulted and concur in this recommendation.

I recommend approval.

On motion of Mr. Pogue, this appointment was approved.

**COLLEGE OF EDUCATION AND SCHOOL OF PHYSICAL EDUCATION,
CHICAGO CIRCLE**

(7) The Chancellor of the Chicago Circle campus recommends the establishment on that campus of a College of Education, within which would also be established a School of Physical Education. The College would be authorized to grant degrees in both fields.

At present there are at Chicago Circle a Division of Education and a Division of Physical Education. The existing organization is that approved by the Board of Trustees on February 15, 1961, when the initial educational program for the new campus was approved.

As indicated in the Chancellor's recommendation and supporting memorandum (a copy of which is being filed with the Secretary of the Board for record), the recommendation is made in fulfillment of a history of University commitments and planning to meet the pressing, and growing, need for teachers in the elementary and secondary school systems. At present 1,275 students have enrolled in programs in secondary education up to the senior year. A total of 475 students have enrolled in elementary education through the sophomore year. Over 200 are enrolled in degree programs in physical education. All of the curricula leading to degrees in these fields have been approved by the Board of Trustees.

In addition to the University's obligations and commitments to the hundreds of students and the various agencies of the state of Illinois, a comprehensive organization and program for the training of teachers is an integral part of the University's total approach to its urban environment and calling. The need for teachers is nowhere more keenly felt than in the urban areas.

The College of Education at Chicago Circle would perform the following functions:

- (a) Offer the professional education courses needed for undergraduate teacher-education curricula;
- (b) Develop suitable graduate programs designed to train high-level professional personnel in educational administration and research;
- (c) Conduct research and development in educational methods and materials (in collaboration with subject-matter specialists), with special reference to the needs of disadvantaged students;
- (d) Maintain effective liaison relationships with the profession of education at local, state, and national levels.

Presentation to the Board of Higher Education of the curriculum in elementary education, which was approved by the Board of Trustees on April 23, 1965, has been delayed since last December to make possible a description of the organizational structure, including a determination of the appropriate degree-granting college. It is an established University practice that degrees are granted only by colleges. (In the case of programs in secondary education, the degrees would be granted by those colleges with corresponding responsibilities for the subject matter fields.)

It is evident from the Chancellor's memorandum that the advice of the Chicago Circle Senate is not in accord with the recommendation now presented to the Trustees. A small majority in the Senate recommended another alternative, i.e., to establish a graduate school of education.

The present recommendation, however, is supported by the administrative officers, including the Executive Committee of the Chancellor's Administrative Council, and by the Chicago Circle Council on Teacher Education. The latter has cognizance over all programs in teacher education on that campus. The Council is chaired by the Dean of Faculties and composed of the deans of all colleges with departments related to programs in secondary education.

Therefore, I recommend provisional approval of the recommendation of the Chancellor, with the stipulation that the Trustees defer final approval until the present action has been reported to the Chicago Circle Senate for its information and further advice. Such advice should be received before the December 8, 1966, meeting of the Board of Trustees, in order that final action may be taken at that meeting.¹ Action by a date no later than this is necessary if the University is to complete its commitments to students in elementary education. Final action by the Board of Trustees would be subject to further action by the Illinois Board of Higher Education.

On motion of Mrs. Watkins, this recommendation was approved.

PROGRAM FOR STUDY IN EUROPE FOR STUDENTS IN ARCHITECTURE

(8) The Dean of the College of Fine and Applied Arts recommends that the Board of Trustees authorize a program of study in Europe by students in the architecture curriculum. The Executive Vice-President and Provost and the Director of International Programs concur in this recommendation.

The program would enable thirty University of Illinois students in their upper junior year in architecture to spend a semester in accredited study abroad.

Students would follow a program nearly identical with the normal curriculum but adapted to the opportunities available in this particular location which is accessible to hundreds of significant examples of architecture and civic spaces, old and new. For example, the program will include (1) firsthand examination of historic monuments and spaces and their significant contemporary counterparts, (2) meeting outstanding European leaders of the architectural profession and scholars in other disciplines, (3) broadening their cultural backgrounds and promoting international understanding.

The location intended as a base for this program is the chateau of La Napoule, in southern France, which would be made available by the La Napoule Art Foundation. The Foundation expects no profit from the use of its property, but would require reimbursement for operating expenses.

Instruction at La Napoule would be given by three members of the Department of Architecture. Thus, the instructional load would be ten full-time

¹ It is understood that appropriate modification of the University Statutes will be made to reflect the change in program once it is approved.

equivalent students per instructor, which is slightly higher than that for junior-level students in architecture at Urbana-Champaign. The total costs of instruction will not exceed those at Urbana-Champaign so far as the expenditure of state funds is concerned.

Transportation costs of staff and operational costs of the studio will be covered by private gifts to the Department of Architecture. Students would incur approximately the same living costs as they presently do at the Urbana campus, plus travel and personal expenses.

Since some of the most significant developments in architecture, urban development and planning are occurring in Europe, it seems important that American architectural students become acquainted with these at firsthand.

I concur subject to approval of contract negotiations by the Legal Counsel.

On motion of Mr. Swain, this recommendation was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(9) The Committees on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the following appropriations:

From Urbana-Champaign Contract Research Reserve

Renovation and remodeling for which funds are assigned to the

Physical Plant Department:

Remodeling in Electrical Engineering Research Laboratory to conduct research	\$ 20 710 00
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From Chicago Circle General Reserve

To supplement operating funds in departmental budgets:

General Administrative Offices.....	\$100 900 00
College of Architecture and Art.....	52 675 00
College of Business Administration.....	28 946 00
College of Engineering.....	86 037 00
College of Liberal Arts and Sciences.....	220 971 00
Library.....	19 405 00
<i>Total, Chicago Circle General Reserve.....</i>	<i>\$508 934 00</i>

From Medical Center General Reserve

Renovation and remodeling for which funds are assigned to the

Physical Plant Department:

Remodeling in the Dentistry-Medicine-Pharmacy Building for the College of Medicine and the Office of Admissions and Records	\$ 10 400 00
Air conditioning the main dining room of the Dietary Department in the Research and Educational Hospitals.....	17 700 00
Remodeling in the Research and Educational Hospitals to provide storage and locker space for the Dietary Department and Housekeeping	32 150 00
<i>Total, Medical Center General Reserve.....</i>	<i>\$ 60 250 00</i>

From Medical Center Contract Research Reserve

Library

Library of Medical Sciences, equipment.....	\$ 16 800 00
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Renovation and remodeling for which funds are assigned to the

Physical Plant Department:

Remodeling in the Dentistry-Medicine-Pharmacy Building for the Department of Anatomy.....	10 950 00
Air conditioning and remodeling in the Dentistry-Medicine-Pharmacy Building for classrooms and seminar rooms.....	14 920 00
Remodeling in the Dentistry-Medicine-Pharmacy Building for the Department of Biochemistry.....	111 100 00
<i>Total, Medical Center Contract Research Reserve.....</i>	<i>\$153 770 00</i>
<i>Grand Total</i>	<i>\$743 664 00</i>

I concur.

On motion of Mr. Swain, these assignments of funds were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACTS FOR REMODELING IN NATURAL HISTORY BUILDING, URBANA

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of cost-plus contracts for remodeling thirty-six rooms in the Natural History Building for the Department of Geology, the award in each case to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Total Estimated Fee Payments</i>
General — Dean Evans Co., Champaign . .	2	25	10	\$9 300 00
Electrical — William H. Brunkow, doing business as Brunkow Electric Co., Champaign	8	24	0	2 144 00
Plumbing — David W. Reichard Plumb- ing & Heating Co., Inc., Urbana	20	40	10	2 470 00
Heating, Piping, Refrigeration and Auto- matic Temperature Control Systems— W. L. Rogers, an individual doing busi- ness as Cool-Rite Refrigeration, Urbana	20	25	5	1 600 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana	20	25	5	1 590 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical bids for heating, piping, refrigeration, and automatic temperature control systems work and ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined into a single contract in lieu of separate contracts.

The estimated total cost of the work is \$141,580. Funds are available from an appropriation approved by the Board of Trustees on July 27, 1966.

Submitted herewith is a report from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACTS FOR HOUSING MAINTENANCE BUILDING, URBANA

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts for the remodeling of the temporary Orchard Downs Food Service Building (now located in one of the Orchard Downs parking lots) and its relocation to the area between the proposed married student housing project and the existing Orchard Downs area where it will be used as a maintenance building for all Housing Division work. The award in each case is to the lowest bidder.

General — Lofton E. DeVore, an individual doing business as L. E. DeVore Co., Decatur	\$103 125 00
Electrical — Potter Electric Service, Inc., Urbana	16 480 00
Plumbing — David W. Reichard Plumbing & Heating Co., Inc., Urbana	12 383 00
Ventilation — Petry Roofing and Sheet Metal Co., Champaign	18 175 00
	<u>\$150 163 00</u>

Funds are available in the Housing Division maintenance account.

Submitted herewith is a report from the Physical Plant Department, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACT FOR INTERIOR DECORATING SERVICES, URBANA

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend the continued employment of Mrs. Florence Korff, Champaign, for interior decorating consulting services until June 30, 1967, on the same terms and conditions as the existing contract, provided that the maximum cost to the University will not exceed \$10,000 unless approved by the University in advance.

The services will be used primarily in the residence halls and Illini Union.

Funds will be provided from the budgets for the projects on which the services are used.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACTS FOR PURCHASE OF HIGH-VOLTAGE POWER CABLE AND SWITCHGEAR EQUIPMENT FOR ABBOTT POWER PLANT, URBANA

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts for the purchase of high-voltage power cable and switchgear equipment to be installed at the Abbott Power Plant, the award in each case to the only bidder.

Division AA — High-Voltage Power Cable — The Okonite Company, Passaic, New Jersey.....	\$22 269 67
Division BB — Switchgear — General Electric Company, Chicago....	46 975 00

Funds are available for this work in state capital appropriations to the University for addition to the Power Plant and extension of utilities, and have been released.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

CONTRACT FOR COIN-OPERATED LAUNDRY EQUIPMENT, MEDICAL CENTER

(14) The Vice-President and Comptroller recommends award of a contract for installation and operation of coin-operated laundry equipment in the housing areas at the Medical Center campus to the Friend Equipment Corp., Chicago. The company will pay the University \$8.00 per month per installed machine, which is the best proposal in terms of commission to be paid to the University.

The proposal includes providing service until June 30, 1967, subject to automatic renewal on the same terms and conditions for each year thereafter unless terminated by the University of Illinois or the Friend Equipment Corp. on sixty days' notice.

The Business Manager and the Director of Union and Housing at the Medical Center concur in this recommendation.

I recommend approval.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE THE
CONSTRUCTION CONTRACT FOR CHICAGO CIRCLE
CAMPUS, PHASE II**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board request the Illinois Building Authority to authorize an increase of \$25,328.11 in the contract with the Gust K. Newberg Construction Co., Chicago, for construction of Chicago Circle Campus, Phase II. This increase will make possible the substitution of face brick for the concrete block specified on the south wall of the Science and Engineering Laboratories Building.

Funds are available for this work.

I concur.

On motion of Mr. Jones, this change in contract was authorized.

**EMPLOYMENT OF SARGENT & LUNDY FOR LONG-RANGE UTILITY
CENTER AND DISTRIBUTION SYSTEM STUDIES
AT CHICAGO CIRCLE CAMPUS**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of Sargent & Lundy, Chicago, for long-range studies for expansion of the Utility Center and the related distribution systems at the Chicago Circle campus at an estimated cost of \$28,500.

The fee for this service will cover engineering and drafting costs at actual salaries and wages, plus 100 per cent for overhead and profit and other miscellaneous direct expenses at actual cost.

Funds for this work are available in capital appropriations to the University for 1965-67 and have been released.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

ANTITRUST LITIGATION

(17) On October 7, 1964, suit was filed on behalf of the University in the Federal District Court at Chicago (Case No. 64 C 1708) against certain manufacturers of metal library shelving who had been defendants in an earlier federal antitrust proceeding. On May 19, 1965, the Board authorized settlement with one of the defendants, and on October 13, 1966, settlement was authorized with certain other defendants.

Subsequent negotiations with the remaining defendant (Sperry Rand Corporation) have developed a settlement offer from that company in the total amount of \$52,000, representing approximately 30 per cent of the University's purchases from that company during the period in question. The offer to the University is contingent upon acceptance of similar settlement offers made by the defendant to certain state governments (including Illinois) and other educational institutions. Acceptance of the offer will result in a final disposition of the litigation.

The Vice-President and Comptroller and the Legal Counsel regard the offer and settlement as reasonable and recommend it be approved and authorized by the Board. They further recommend that the Comptroller and the Secretary be authorized to execute and deliver such documents and papers as may be necessary and desirable to effectuate the settlement.

I concur.

On motion of Mr. Swain, this recommendation was approved.

ESTATE OF RICHARD BARNES STITH

(18) The University of Illinois is one of the beneficiaries under the Last Will and Testament of Richard Barnes Stith, deceased. The composition of the estate and the University's ultimate participation are dependent upon the interpretation of Mr. Stith's Will as well as the wills of other persons who predeceased him. The decedent's son has filed a suit in the Circuit Court of the

Tenth Judicial Circuit of Marshall County, Illinois (No. 66E 101), seeking a construction of all the wills.

The Vice-President and Comptroller and the Legal Counsel recommend that the Board of Trustees authorize the Legal Counsel to appear in the proceedings for the protection of the University's rights in the matter, and to employ such special legal counsel as he may deem necessary or appropriate to assist him in connection therewith.

I concur.

On motion of Mr. Swain, this recommendation was approved.

EASEMENTS TO ILLINOIS POWER COMPANY FOR ELECTRICAL SERVICE

(19) The University has requested the Illinois Power Company to provide electrical service at the Firemanship Training Facilities, which have been constructed by the Illinois Building Authority, and in the adjacent Children's Research Center building in the Mental Health Center complex. Service is also required for the Adler Clinic of the State Department of Mental Health facilities.

In order to provide the service, the Illinois Power Company has requested the granting of easements for electric power lines over University property and Illinois Building Authority property.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend:

1. Granting an easement over a strip of land in Section 24, Township 19 North, Range 8 East of the Third Principal Meridian, starting at a point approximately 780 feet east of the Illinois Central Railroad on Windsor Road extended, and running north approximately 1,130 feet to the Illinois Building Authority property; and,
2. Submitting a request to the Illinois Building Authority to grant an easement over its property from the University easement north approximately 200 feet and east approximately 170 feet, where the utilities service will interconnect with the State Department of Mental Health and University distribution system for the Mental Health Center complex.

I concur and recommend adoption of the following resolutions.

Resolution Requesting Electric Transmission Line Easement Be Granted to Illinois Power Company by Illinois Building Authority Over Site of Fire Training Building and Related Facilities

WHEREAS, in accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 65-1BA-4 adopted on the 25th day of January, 1965, by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, The Board of Trustees of the University of Illinois, a public Corporation of the State of Illinois, pursuant to a resolution adopted by its Board of Trustees at its meeting on the 23rd day of April, 1965 transferred jurisdiction, by Instrument of Transfer dated June 15, 1965, to the Illinois Building Authority of the site for the Fire Training Building and related facilities, Urbana-Champaign to be constructed by the Illinois Building Authority on behalf of the Department of Public Safety of the State of Illinois; and

WHEREAS the Illinois Building Authority now has jurisdiction over said site described as:

Situated in the State of Illinois, the County of Champaign, and being a part of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, Township 19 North and Range 8 East of the Third Principal Meridian, and more fully bounded and described as follows:

Beginning at a corner on the North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of said Section 24, said corner being 170.0 feet East of the NE corner of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section 24 and being marked with an iron pipe monument; thence Southerly along a line parallel to the East line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of said Section 24, a distance of 80.0 feet to a corner, said corner

being marked with an iron pipe monument; thence Westerly along a line parallel to the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 170.0 feet to a corner, said corner being marked with an iron pipe monument, thence Southerly along the said East line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 24, a distance of 120.0 feet to a corner, said corner being marked with an iron pipe monument; thence Westerly along a line parallel to the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 420.0 feet to a corner, said corner being marked with an iron pipe monument; thence Southerly along a line parallel to the said East line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 24, a distance of 500.0 feet to a corner, said corner being marked with an iron pipe monument; thence westerly along a line parallel to the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 200.0 feet to a corner, said corner being marked with an iron pipe monument; thence Northerly along a line parallel to the said east line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 24, a distance of 200.0 feet to a corner, said corner being marked with an iron pipe monument; thence Easterly along a line parallel to the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 150.0 feet to a corner said corner being marked with an iron pipe monument; thence Northerly along a line parallel to the said East line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 24, a distance of 500.0 feet to a corner, on the said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, said corner being marked with an iron pipe monument; thence Easterly along said North line of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 24, a distance of 640.0 feet to the place of beginning, containing 4.19 acres, more or less; and

WHEREAS the Illinois Power Company, an Illinois Corporation, has requested an easement over a part of said site so that it may provide electrical service to the Fire Training Building and related facilities and other adjoining property of this public Corporation and the State of Illinois.

Now, Therefore, Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public Corporation of the State of Illinois, that the Illinois Building Authority, a body corporate and politic of the State of Illinois, be, and hereby is, requested to grant to Illinois Power Company, an Illinois Corporation, its successors and assigns, the right and easement to erect, reconstruct, operate, patrol, maintain, renew and remove electric transmission and distribution lines, and other equipment appurtenant thereto, for the transmission and distribution of electrical energy through, over and across certain lands hereinafter described and the right of ingress to and egress therefrom, and which right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said electric transmission and distribution lines are continued in service and have not been abandoned and discontinued.

The right-of-way easement shall be over the following described property, viz :

A strip of land 5 feet of even width and 170.0 feet in length, being the North 5 feet of the East 170.0 feet of the above described tract of land; and, upon a strip of land 15 feet of even width and 80 feet in length, being the West 15 feet of the East 170.0 feet of the above described tract of land; and also, upon a strip of land 15 feet of even width and 200 feet in length, being the West 15 feet of the East 185 feet of the above described tract of land.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

Resolution Authorizing Electric Transmission Line Easement to Illinois Power Company Over Property of the University of Illinois for the University of Illinois Children's Research Center, Fire Training Building and Related Facilities, and Herman M. Adler Clinic

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public Corporation of the State of Illinois, that the Comptroller and the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corpora-

tion such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Power Company, an Illinois Corporation, hereinafter referred to as "Grantee", its successors and assigns, the right and easement to erect, reconstruct, operate, patrol, maintain, renew and remove electric transmission and distribution lines, and other equipment appurtenant thereto, for the transmission and distribution of electric energy through, over and across certain lands hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall agree to repair any damage caused to property of this Corporation by the erection, reconstruction, operation, patrolling, maintenance, renewing and removing of said electric transmission and distribution lines, and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said electric transmission and distribution lines are continued in service and have not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Champaign, and being a part of the South One-half (S $\frac{1}{2}$) of the South One-half (S $\frac{1}{2}$) of Section Twenty-four (24), Township Nineteen North (T-19-N), and Range Eight East (R-8-E) of the Third Principal Meridian, and being more fully bounded and described as follows:

A strip of land being the east 15.0 feet of the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of said Section 24 except the north 200.0 feet of the above described tract of land and a strip of land being the west 15.0 feet of the southeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of said Section 24 except the north 80.0 feet of the above described tract of land.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

EASEMENT TO ILLINOIS POWER COMPANY FOR A TWELVE-INCH GAS MAIN, URBANA

(20) The Illinois Power Company, as part of its long-range program for gas distribution for the Urbana-Champaign area, proposes to install a twelve-inch pressure gas main adjacent to the east right-of-way of the Illinois Central Railroad. The property is west of the Mental Health Center complex and Fireman-ship Training Facilities. The Company proposes to pay \$5.00 per rod for an easement and has also agreed to abandon an existing diagonal easement over the property within ten years.

A request is also being submitted to the University of Illinois Foundation for the granting of an easement over its property immediately south, under the same terms and conditions.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize the granting of the easement over this property for the installation of the twelve-inch gas main.

I concur and recommend adoption of the following resolution.

Resolution Authorizing 12" High Pressure Gas Main Easement to Illinois Power Company Over Percival Property and Adjacent to the East Right-of-Way Line of the Illinois Central Railroad

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this corporation be, and they hereby are, authorized to execute, acknowledge and deliver in the name and on behalf of this corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Power Com-

pany, an Illinois corporation, hereinafter referred to as "Grantee", its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove a 12" high-pressure gas main and other equipment appurtenant thereto under, through and across the land hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. Grantee shall agree to repair any damage caused to property of this corporation by the construction, reconstruction, operation, maintenance, repairing, alteration, moving and removing of said gas main and to indemnify this corporation and its representatives from liability in connection with Grantee's activities. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said gas transportation line is continued in service and has not been abandoned or discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this corporation and full and complete title then shall remain in this corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following described property:

Situated in the State of Illinois, the County of Champaign, and being a part of the Southeast Quarter of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian and being more fully bounded and described as follows:

The West 20 feet of all that part of the south half of the Southeast Quarter of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian lying east of the east line of the Illinois Central Railroad right-of-way.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

AMENDMENTS OF POLICY FOR INVESTMENT OF FUNDS AND INVESTMENT PROCEDURES

(21) On June 20, 1962, the Board of Trustees authorized the investment of current restricted funds in United States government securities maturing not more than eighteen months from the date of purchase, in commercial paper of certain specified corporations in amounts not exceeding \$500,000 in any one of them, and in certificates of deposit and interest-bearing accounts in certain specified banks. These investments may be made by the Comptroller without prior approval of the Finance Committee or the Board, but with a later report to the Board.

The Finance Committee has approved amendments to that action taken June 20, 1962, as follows: Increase to \$1,000,000 the amount of current funds which may be invested in commercial paper of each of the specified companies; add Associates Investment Company to the list of companies; add authority to invest up to \$3,000,000 in Federal National Mortgage Association obligations maturing not more than eighteen months from date of purchase; and add The Northern Trust Company of Chicago, Illinois, to the list of banks in which current funds may be invested in certificates of deposit and special interest-bearing accounts.

The procedure on the investment and safekeeping of securities requires one modification to conform to the prevailing practice of the banks. All securities of the University are held by the safekeeping agent designated by the Board of Trustees. An exception to this rule is recommended for certificates of deposit, which will be held by the issuing bank, and upon maturity, the funds will be transferred to the proper checking account.

All other policies and procedures for the investment of current funds adopted on June 20, 1962, remain in effect.

The policy includes a resolution authorizing the Treasurer of the Board of Trustees to exercise certain functions. An amendment of the resolution was approved by the Board on April 17, 1963, following a change in the Treasurership. In view of the change in the Office of the Secretary, it is requested that the following resolution be adopted to replace the former one.

Resolved, that the Treasurer of The Board of Trustees of the University of Illinois, a public corporation, is authorized in his discretion to sell, assign, or transfer to any assignee or transferee for or on behalf of this corporation and in its name any and all shares of capital stock or any voting trust certificates representing the right to receive shares of stock or any registered bonds or other securities of any other corporation owned by this corporation and for the purpose of effecting any such sale or transfer, R. R. Manchester, the Treasurer of this corporation, be and he hereby is authorized to execute in the name of this corporation and on its behalf all assignments which may be necessary and that Earl W. Porter, Secretary of this corporation, be and he hereby is authorized to attest to the authority of R. R. Manchester, Treasurer, to execute the aforesaid documents.

Confirmation of these amendments is requested.

On motion of Mr. Swain, these amendments were confirmed.

INCREASE IN WORKING CAPITAL FOR STORES AND SERVICES FUND

(22) The University is authorized by state law to retain \$1,000,000 from general funds in its own treasury as working capital for Stores and Services operations and to supplement this fund with other funds in its own treasury. On May 29, 1958, the Board of Trustees authorized an increase of \$500,000 in the working capital for Stores and Services, and an additional increase of \$500,000 was similarly authorized on December 16, 1959. On June 5, 1964, the Vice-President and Comptroller approved, on a temporary basis, an additional working capital advance of \$1,000,000.

It has been impossible to reduce the working cash fund and further increases are necessary. The Vice-President and Comptroller recommends that additional sums be advanced from funds in the University treasury to provide for a \$5,000,000 working capital fund for Stores and Services activities. The additional working capital will finance the increase in inventories and services necessary for the operation of Chicago Circle, the operation of a research cost accounting system in Urbana, and the expansion of inventories and services for the general growth of the University.

I concur.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

PURCHASES

(23) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller; also a list of purchases authorized by the President's Office.

The lists of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Recommended	\$192 598 48
Purchases Authorized	26 048 00

\$218 646 48

From Institutional Funds

Purchases Recommended	\$631 174 36
Purchases Authorized	53 389 64

\$684 564 00

<i>Grand Total</i>	\$903 210 48
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A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the purchases authorized by the President's Office were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(24) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary of the Board.

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(25) The Comptroller presented his quarterly report to the Board as of September 30, 1966.

This report was received for record, and a copy was filed with the Secretary of the Board.

COMPTROLLER'S REPORT OF CONTRACTS

(26) The Comptroller's report of contracts executed during the period October 1 to 31, 1966.

New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
F. S. Services, Inc.	Data requirements and costs associated with programming for individual farms	\$ 17 125 00
Illinois State Library	To conduct noncredit in-service training programs for public library employees	5 000 00
National Aeronautics and Space Administration NAS7-100 (subcontract with California Institute of Technology)	Radiant heat exchange in a space environment	51 821 00
State of Illinois Department of Mental Health 17-257	The function of dreaming and non-dreaming mentation in the maintenance of normal behavior	25 000 00
United States Air Force AF-AFOSR-328-67	Theory of solids and condensed matter	100 164 00
United States Department of Health, Education, and Welfare 32-23-1020-6002	Remedial guidance of young retarded children with behavior problems which interfere with academic learning and adjustment	26 119 00
OEG-3-7-068087-0375	An evaluation of a counselor education program designed for prospective elementary school counselors enrolled in 1965-66 NEDEA Institute	6 024 00
PH-43-67-61	Diagnosis and remediation of minimal brain dysfunction	20 700 00
United States Department of Labor 91-15-66-52	Sociological determinants among working class adolescents of college aspiration, college curriculum choice, and occupational aspiration	6 490 00
United States Navy N00228 66C1322	Structure shielding calculations	23 040 00
N00600-67-D-0009	Books, non-expendable supplies and equipment	3 400 00
<i>Total</i>		<u>\$284 883 00</u>

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Alpha Chi of Sigma Tau Gamma	407 East Daniel Street, Champaign (September 1, 1966, to June 30, 1967)	\$ 3 150 00
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Harry S. Miller, agent for Morris R. and Alan J. Myers	Office space in the Myers Building, 101 South Fifth Street, Springfield, Illinois (September 1, 1966, to June 30, 1967)	\$ 2 600 00

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois State Library	Problems relating to library development under the Federal Library Services and Construction Act	\$ 50 000 00
International Lead Zinc Research Organization, Inc.	ZM 96 static and dynamic properties of bolted galvanized structures	20 000 00
The National Sand and Gravel Association	Site development problems relating to sand and gravel pit operations	9 000 00
United States Army DA-49-193 MD-2212	Antiradiation drugs	25 499 00
United States Department of Health, Education, and Welfare 32-23-1020-6002	Remedial guidance of young retarded children with behavior problems which interfere with academic learning and adjustment	29 483 00
OE-6-10-235	Research on pre-school disadvantaged children	270 000 00
United States Navy Nonr-1834 (15)	Digital computer components research	40 000 00
Nonr-1834 (18)	Variety of topics in number theory	18 000 00
Nonr-1834 (22)	Radio astronomy	117 500 00
Nonr-1834 (38)	Dependence of dielectric properties on crystal structures	30 614 00
Nonr-3623 (S-6) (subcontract with the University of Virginia)	Statistical properties of two-phase flow	36 988 00
Vio Bin Corporation	To consolidate all reports into one collated report to cover reporting done at scientific meetings	4 800 00
<i>Total</i>		<u>\$651 884 00</u>

Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Downtown Electric	Cost-plus contract — electrical (two items, \$2,500 and \$3,000) Electrical Engineering Research Laboratory, 909 West Nevada Street	\$ 5 500 00
Dean Evans Company	Cost-plus contract — general (three items, \$2,500 to \$3,500) Electrical Engineering Research Laboratory, 909 W. Nevada Street, Stock Pavilion	9 300 00
Gerhardt F. Meyne Company	Cost-plus contract — general (two items, \$2,839 and \$8,826) Library, Sidewalks at Mall, Medical Center	11 665 00
Pathman Construction Company	General Digital Computer Laboratory	3 067 00
Reliable Plumbing and Heating Company	Cost-plus contract — heating and ventilating (two items, \$8,900 and \$11,328) Electrical Engineering Research Laboratory, Coordinated Science Laboratory	20 228 00
<i>Total</i>		<u>\$ 49 760 00</u>

Summary

Amount to be paid to the University.....	\$939 917 00
Amount to be paid by the University.....	52 360 00

This report was received for record.

INVESTMENT REPORT**Report of the Comptroller**

(27) The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the month of September, 1966:

Current Funds**ART OBJECTS****Purchase**

\$70 000 U.S. Treasury bills due 10/31/66..... \$ 69 609 36

RESTRICTED GROUP**Purchase**

\$ 750 000 Associates Investment Co. notes due 11/15/66.....	\$ 742 968 75
750 000 Beneficial Finance notes due 12/15/66.....	738 984 37
4 000 000 U.S. Treasury bills due 3/2/67.....	3 890 893 33

*Construction Funds***ASSEMBLY HALL****Purchase**

\$203 000 U.S. Treasury bills due 12/22/66.....	200 630 16
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CENTER FOR THE PERFORMING ARTS**Sale**

\$30 000 U.S. Treasury 4½ per cent bonds due 11/15/73.....	28 682 81
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Purchase

\$285 500 Beneficial Finance 6 per cent notes due 6/29/73.....	285 500 00
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UNION BUILDING (Chicago Circle)**Purchase**

\$10 000 U.S. Treasury bills due 2/23/67.....	9 732 04
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DENTISTRY-MEDICINE-PHARMACY AUXILIARY (Medical Center)**Purchase**

\$ 82 000 U.S. Treasury bills due 2/23/67.....	79 795 11
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100 000 U.S. Treasury 4¼ per cent notes due 5/15/67.....	99 343 75
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FLORIDA AVENUE RESIDENCE HALL**Sale**

\$385 000 U.S. Treasury bills due 10/20/66.....	384 149 79
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GRADUATE HOUSING**Purchase**

\$370 000 U.S. Treasury bills due 12/29/66.....	365 260 92
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UNION AND RESIDENCE HALL (Medical Center)**Sale**

\$397 000 U.S. Treasury 4 per cent notes due 8/15/66.....	397 062 03
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132 000 U.S. Treasury bills due 9/22/66.....	131 739 19
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Purchase

\$505 000 U.S. Treasury bills due 1/5/67.....	497 597 82
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*Sinking Funds***UNION BUILDING (Chicago Circle)****Purchase**

\$ 81 000 U.S. Treasury bills due 9/15/66.....	80 932 12
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188 000 U.S. Treasury bills due 3/22/67.....	182 249 42
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DENTISTRY-MEDICINE-PHARMACY RESERVE (Medical Center)**Purchase**

\$6 000 U.S. Treasury 4 per cent bonds due 8/15/72.....	5 497 50
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ILLINI UNION AND HEALTH CENTER**Purchase**

\$240 000 U.S. Treasury bills due 9/15/66.....	239 583 00
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11 000 U.S. Treasury 4½ per cent notes due 11/15/67.....	10 917 50
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REVENUE BONDS OF 1952**Purchase**

\$30 000 U.S. Treasury 4½ per cent bonds due 2/15/74.....	28 143 75
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This report was received for record.

LEASES WITH THE ILLINOIS BUILDING AUTHORITY

(28) The Board of Trustees on September 22, 1965, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-fourth General Assembly of the State of Illinois had declared to be in the public interest.

The Illinois Building Authority has now forwarded to the University forms of the leases which it requests be used on two of the projects and has requested

that the Board of Trustees take specific action to approve the same. Copies of said lease forms are presented herewith and are being filed with the Secretary of the Board for record.

The leases relate to the following University projects and are on the terms indicated:

<i>Project</i>	<i>Legislative Declaration</i>	<i>Amount of IBA Bonds</i>	<i>Two Year Rent Paid Under Interim Lease During 1965-67 Biennium</i>	<i>Annual Rent Due September 1, 1967, and Each Year Thereafter</i>	<i>Total Rental Payments</i>
Undergraduate Library, Urbana-Champaign.....	\$2 500 000 00	\$3 301 300 00	\$355 700 00	\$239 810 00	\$5 871 330 00
East Dentistry-Medicine-Pharmacy Building Addition, Chicago Medical Center Campus.....	2 245 000 00	2 813 700 00	319 420 00	203 685 00	5 004 175 00

Funds for the rental payments under the leases during the current biennium, 1965-67, have been paid from appropriations made by the General Assembly under the interim leases previously executed as authorized on September 22, 1965.

The Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend that the Comptroller and Secretary of the Board of Trustees be given specific authorization to execute these leases in substantially the form presented in this meeting and that the following resolution be adopted. I concur.

Resolution Authorizing Leasing of Undergraduate Library Building and East Dentistry-Medicine-Pharmacy Building Addition from Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on September 22, 1965, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-Fourth General Assembly of the State of Illinois had declared to be in the public interest; and

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-Fourth General Assembly of the State of Illinois has declared, among others, the following University of Illinois projects at the Champaign-Urbana Campus and the Medical Center Campus to be in the public interest:

- A. Construct Undergraduate Library Building
Champaign-Urbana Campus \$2 500 000 00
- B. Construct East Dentistry-Medicine-Pharmacy Building Addition
Medical Center Campus..... \$2 245 000 00

and
WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said projects as follows:

- A. Champaign-Urbana Campus
IBA #74-10 Construct Undergraduate Library Building..... \$3 301 300 00
- B. Medical Center Campus
IBA #74-12 Construct East Dentistry-Medicine-Pharmacy Building Addition..... \$2 813 700 00

will not cause said aggregate amount to be exceeded; and

WHEREAS the interim leases applicable to these projects which were heretofore executed pursuant to prior authorization were for lesser amounts than now being designated; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois forms of the permanent construction leases which it requests be used for these projects and which will supersede the interim leases; and has requested

that the Board of Trustees take specific action to approve the same; copies of which lease forms are presented herewith and are being filed with the Secretary of the Board for record;

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation leases with the Illinois Building Authority in substantially the forms presented to this meeting for the following buildings and facilities:

- A. Construction of an Undergraduate Library Building at Champaign-Urbana, Illinois, at a cost to the Illinois Building Authority of \$3,301,300.00 requiring an initial rental on or before May 1, 1966 of the sum of \$177,850.00 and on or before September 1, 1966, the sum of \$177,850.00 (payments of which have heretofore been made); and during each successive renewal term of the Lease, the annual sum of \$239,810.00 on or before the 1st of September of each year for 23 weeks with total rental payments of \$5,871,330.00.
- B. Construction of an East Dentistry-Medicine-Pharmacy Building Addition at the Medical Center Campus at a cost to the Illinois Building Authority of \$2,813,700.00 requiring an initial rental on or before May 1, 1966, of the sum of \$159,710.00; and on or before September 1, 1966, the sum of \$159,710.00, (payments of which have heretofore been made); and during each successive renewal term of the Lease, the annual sum of \$203,685.00 on or before the 1st of September of each year for 23 years with total rental payments of \$5,004,175.00.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, cancellations, and declinations; leaves of absence; changes in sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)

Chicago Circle

- BABLER, BERNARD J., Professor of Chemistry, 83/100 time, three months from June 16, 1966, \$4,000 (9-16-66).
- BENTZ, WILBERT G., Assistant Professor of Health Science and Psychiatric Social Worker in the Health Service, one year from September 1, 1966, \$9,900, supersedes (9-15-66).
- BLUMENTHAL, MRS. DORIS, Instructor in Chemistry, ½ time, academic year 1966-67, \$3,000 (10-4-66).
- CHANDRAN, MRS. JUDITH U., Instructor in Spanish, academic year 1966-67, \$6,500 (10-5-66).
- CHANDRAN, R. SATISH, Instructor in Biological Sciences, academic year 1966-67, \$6,500 (10-11-66).
- CZERWINSKI, RAYMOND T., Assistant Professor of Mathematics, academic year 1966-67, \$9,500, supersedes (9-8-66).
- ENGEL, MRS. FRIEDA H., Assistant Professor in the Jane Addams Graduate School of Social Work, ½ time, academic year 1966-67, \$4,900 (9-20-66).
- EPP, HELMUT P., Assistant Professor of Mathematics, academic year 1966-67, \$9,000 (9-19-66).
- FABER, MRS. CYNTHIA J., Curriculum Librarian, with rank of Instructor, in the Library, September 15, 1966-August 31, 1967, \$8,000 a year (10-4-66).
- FEINSTEIN, IRWIN K., Professor of Mathematics, indefinite tenure from September 1, 1966, academic year service basis, \$13,000 a year, supersedes (10-8-66).
- GORAN, MORRIS, Instructor in Chemistry, ½ time, academic year 1966-67, \$3,200 (10-11-66).

- GREENBERG, BERNARD, Professor of Biological Sciences, indefinite tenure from September 1, 1966, academic year service basis, \$12,500 a year (9-24-66).
- HOLDERMAN, JAMES B., Assistant to the Chancellor at Chicago Circle, \$17,000, and Assistant Professor of Political Science, without salary, one year from September 1, 1966, supersedes (8-24-66).
- JEFFERSON, MRS. RUBY M., Instructor in Biological Sciences, academic year 1966-67, \$6,500 (9-20-66).
- JONES, JOHN A., Instructor in Speech, academic year 1966-67, \$7,500 (9-28-66).
- LENFEST, DAVID, Assistant Professor of English, academic year 1966-67, \$8,400, supersedes (9-24-66).
- LOEPPERT, THEODORE W., Instructor in English, academic year 1966-67, \$6,000, supersedes (9-28-66).
- LOTHIAN, THOMAS A., Director of Office of Space Utilization and Instructor in Chemistry, eleven months from October 1, 1965, \$11,000 a year, supersedes appointment dated November 23, 1965; and for one year from September 1, 1966, \$13,000 (10-11-66).
- MAHONEY, MRS. MARLEN, Instructor in Biological Sciences, academic year 1966-67, \$6,200 (10-11-66).
- McKINLAY, RICHARD J., Instructor in Sociology, academic year 1966-67, \$7,300 (9-19-66).
- MODLER, ROBERT F., Research Associate in Chemistry, one year from August 15, 1966, \$7,500 (10-17-66).
- MORRISROE, MICHAEL, Assistant Professor in English, academic year 1966-67, \$8,400, supersedes (9-24-66).
- PARELIUS, ROBERT J., Instructor in Sociology, academic year 1966-67, \$6,525 (9-19-66).
- PEBWORTH, TED-LARRY, Assistant Professor of English, academic year 1966-67, \$8,400, supersedes (9-24-66).
- ROCAH, LOUIS, Lecturer in Architecture, three months from September 16, 1966, \$3,667 (9-20-66).
- RUDICK, MICHAEL A., Instructor in English, $\frac{2}{3}$ time, academic year 1966-67, \$4,350 (10-11-66).
- SAGHER, YORAM, Instructor in Mathematics, academic year 1966-67, \$8,200 (9-15-66).
- SANDBERG, ALLEN A., Instructor in Bioengineering, Department of Information Engineering, one year from September 1, 1966, \$7,500 (10-4-66).
- SORENSEN, GERALD C., Assistant Professor of English, academic year 1966-67, \$8,800, supersedes (9-24-66).
- STONE, PAULA D., Instructor, Special Education Project for Disadvantaged Students, academic year 1966-67, \$6,900 (9-16-66).
- SWATEZ, GERALD M., Assistant Professor of Sociology, academic year 1966-67, \$9,500 (9-8-66).
- TOMPKINS, C. DAVID, Assistant Professor of History, academic year 1966-67, \$9,000, supersedes (9-10-66).
- VASQUEZ, JUAN, Instructor in Health Science and Staff Psychiatrist in the Health Service, 1/10 time, one year from September 1, 1966, \$1,550 (9-1-66).
- WHITMER, ROGER G., Assistant Professor of Architecture, winter and spring quarters 1966-67, effective January 1, 1967, \$10,000 a year, supersedes (9-8-66).
- WOODYARD, JAMES D., JR., Research Associate in Chemistry, one year from September 1, 1966, \$7,000 (9-6-66).

Medical Center

- AMER, M. SAMIR, Research Associate in Pharmacology, College of Medicine, one year from September 1, 1966, \$6,600 (10-11-66).
- ARTIAGA, GETHSEMANE D., Physician in the Health Service, Medical Center, eight months from January 1, 1967, \$13,500 a year (9-24-66).
- DAKKURI, ADNAN, Instructor in Manufacturing Pharmacy, College of Pharmacy, 6/10 time, one year from September 1, 1966, \$5,400 (9-10-66).
- DOMINIS, BORIS, Pharmacy Intern in Manufacturing Pharmacy, College of Pharmacy, one year from September 1, 1966, \$6,000 (9-24-66).
- DRIESSEN, GERALD J., Research Associate in Otolaryngology, College of Medicine, one year from September 1, 1966, \$10,800, supersedes (9-20-66).

- FORT, MILTON L., Research Associate in Medicine, College of Medicine, $\frac{1}{4}$ time, one year from August 1, 1966, \$2,000, supersedes his nonsalaried appointment (9-10-66).
- GOLAND, PHILIP, Research Associate in Orthodontics, College of Dentistry, one year from September 1, 1966, \$11,500 (9-6-66).
- GRANT, NATHANIEL, Staff Pharmacist in Hospital Pharmacy, College of Pharmacy, September 6, 1966-August 31, 1967, \$7,500 a year (9-19-66).
- KIENAST, HANSJUERGEN, Clinical Instructor in Neurology, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1966, \$1,572, supersedes (8-17-66).
- LERMAN, MARTIN D., Research Associate in Oral and Maxillofacial Surgery, College of Dentistry, $\frac{3}{4}$ time, one year from September 1, 1966, \$7,000 (10-1-66).
- MAHAJANSHETTI, C. S., Research Associate in Chemistry, College of Pharmacy, one year from September 1, 1966, \$7,000 (8-23-66).
- METRICK, SEYMOUR, Clinical Instructor in Neurology, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1966, \$1,764, supersedes (8-17-66).
- MILLER, MRS. MARILYN, Instructor in Ophthalmology and in the Cleft Palate Center, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1966, \$5,250, supersedes (9-19-66).
- MODY, MADHU R., Research Associate in Pediatrics, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1966, \$3,648 (9-20-66).
- NONA, DANIEL A., Instructor in Pharmacy, College of Pharmacy, academic year 1966-67, \$7,200, supersedes (8-30-66).
- OSMANSKI, C. PAUL, Instructor in Oral Pathology, College of Dentistry, eleven months from October 1, 1966, \$9,500 a year (10-11-66).
- SHAH, CHANDRAKANT V., Research Associate in Pediatrics, College of Medicine, $\frac{3}{4}$ time, one year from September 1, 1966, \$5,000 (9-20-66).
- THADHANI, KALOO C., Research Associate in the Institution for Tuberculosis Research, one year from September 1, 1966, \$8,150 (10-4-66).
- TOUQUAN, MRS. SHELIA, Acting Pharmacist in charge, Department of Pharmacy, College of Pharmacy, one year from September 1, 1966, \$10,000 (9-10-66).
- VAN DER HEM, GJALT K., Research Assistant Professor of Medicine, College of Medicine, four months from September 1, 1966, \$833.33 a month (9-19-66).
- WEINSTEIN, HERBERT, Assistant Professor of Nursing, 35/100 time, September 26-December 9, 1966, \$950 (10-11-66).
- ZERLOTTI, EUJENIO, Assistant Professor of Histology, College of Dentistry, one year from July 1, 1966, \$13,000, supersedes (9-20-66).

Urbana

- ANDERSON, EUGENE M., Instructor in Secondary and Continuing Education, academic year 1966-67, \$7,000 (9-26-66).
- ANDERSON, MRS. VALERIE, Specialist in Education, Institute for Research on Exceptional Children, academic year 1966-67, \$7,200 (10-19-66).
- AUDRIETH, LUDWIG F., Professor *Emeritus*, Lecturer in Inorganic Chemistry, Division of General Studies, 33 per cent time, October 1, 1966-June 10, 1967, \$4,666 (10-11-66).
- BERTRAM, WILLIAM K., Research Associate in Physics (C), eleven months from October 1, 1966, \$9,600 a year, supersedes (9-8-66).
- BHATTACHARYA, ASHOK K., Research Associate in Electrical Engineering, five months from September 1, 1966, \$7,800 a year, supersedes (10-4-66).
- BILOKUR, BORYS, Instructor in Russian, academic year 1966-67, \$3,000 (10-4-66).
- BIRKEMOE, PETER C., Assistant Professor of Civil Engineering (S), academic year 1966-67, \$9,000 (10-11-66).
- BOKENKAMP, ROBERT W., Acting Assistant Dean, Semester I 1966-67, and Assistant Professor of General Engineering (C), academic year 1966-67, \$10,700, supersedes (9-20-66).
- BROWER, MRS. CAROLYN J. P., Research Associate in Home Economics (C and S), Semester I 1966-67, \$3,000, supersedes (10-17-66).
- CARLIN, JAMES W., Instructor in Electrical Engineering, $\frac{2}{3}$ time, Semester I 1966-67, \$2,000, supersedes (9-14-66).
- CARLSON, RAYMOND P., Research Associate in the Bureau of Institutional Research, academic year 1966-67, \$11,475 (9-26-66).
- CARRUTHERS, GEORGE R., Research Associate in Aeronautical and Astronautical Engineering, one month from September 1, 1966, \$831.66 (9-26-66).

- CLARK, MRS. BORBALA, Research Associate in the Institute for Research on Exceptional Children, College of Education, $\frac{1}{2}$ time, three months from September 16, 1966, \$1,350 (10-17-66).
- COLE, HOWARD C., Assistant Professor of English, academic year 1966-67, \$9,700, supersedes (10-4-66).
- COX, JOHN L., Instructor in Education and Counselor in Teacher Education, one year from September 1, 1966, \$9,500 (9-30-66).
- CRISP, RAYMOND D., Research Associate in English, one year from September 1, 1966, \$8,500 (10-4-66).
- DANIELS, L. B., Instructor in History and Philosophy of Education, $\frac{2}{3}$ time, academic year 1966-67, \$4,690 (9-26-66).
- D'ANTONIO, LAWRENCE E., Research Associate in Zoology, October 15, 1966-August 31, 1967, \$14,500 a year (10-19-66).
- DAS, MRINMOYEE, Research Associate in Botany, one year from September 1, 1966, \$6,600 (8-17-66).
- DELANEY, DANIEL J., Assistant Professor of Educational Psychology, academic year 1966-67, \$10,000 (9-20-66).
- DI LIBERTO, MENNO, Instructor in Vocational and Technical Education, $\frac{2}{3}$ time, academic year 1966-67, \$4,690, supersedes (10-4-66).
- DONALDSON, BRUCE K., Research Associate in Aeronautical and Astronautical Engineering, $\frac{1}{2}$ time, one year from September 1, 1966, \$2,750 (9-21-66).
- DORSETT, HAROLD L., Professor of Military Science and Commandant of Army Cadets, from July 1, 1966, and continuing for the duration of his tour of duty at the University, without salary (9-1-66).
- DUELL, ORPHA K., Research Associate in Educational Psychology, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-29-66).
- DUTTA, AMIYA KUMAR, Research Associate in Physiology and Biophysics, College of Liberal Arts and Sciences, one year from October 1, 1966, \$7,100 (10-17-66).
- EASLEY, JOHN A., JR., Associate Professor of Secondary and Continuing Education, $\frac{2}{3}$ time, on indefinite tenure from September 1, 1966, twelve months' service basis, \$10,400 a year, and Associate Professor in the Coordinated Science Laboratory, $\frac{1}{3}$ time, one year from September 1, 1966, \$5,200, total salary \$15,600, supersedes (10-4-66).
- EHRESMAN, NORMAN D., Assistant Professor of Vocational and Technical Education, one year from September 1, 1966, \$10,000 (10-4-66).
- EIKHOM, THOR S., Research Associate in Microbiology, one year from September 1, 1966, \$6,825 (9-10-66).
- ELZAM, OVADIAH E., Research Associate in Horticulture (S), eleven months from October 1, 1966, \$7,000 a year (10-17-66).
- FAIMAN, MICHAEL, Assistant Professor of Computer Science, Graduate College, academic year 1966-67, \$9,500 (9-24-66).
- FERNELIUS, NILS C., Research Associate in Physics (C), eleven months from October 1, 1966, \$8,500 a year (9-8-66).
- FIRLEY, CARL F., Assistant Dean of Men and Student Activities Adviser, one year from September 1, 1966, \$8,800 (9-19-66).
- FOA, URIEL G., Visiting Professor of Psychology, academic year 1966-67, \$16,000 (9-21-66).
- FREIBERG, ROBERT J., Research Associate in Electrical Engineering (C), eleven months from October 1, 1966, \$10,500 a year (10-17-66).
- GALLAGHER, JAMES E., Instructor in Vocational and Technical Education, College of Education, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-22-66).
- GIESEKKE, ERNST W., Visiting Lecturer in Chemistry, nine months from September 16, 1966, \$8,500 (10-11-66).
- GIRAULT, EMILY S., Assistant Professor of Secondary and Continuing Education, academic year 1966-67, \$10,000, supersedes (8-3-66).
- GOODWIN, NANCY-LEE, Research Associate in the Office of the Executive Vice-President and Provost, $\frac{2}{3}$ time, nine months from September 16, 1966, \$4,050 (10-7-66).
- GURFINKEL, GERMAN, Assistant Professor of Civil Engineering, academic year 1966-67, \$10,500, supersedes (9-26-66).
- HAMM, CHARLES E., Professor of Music, $\frac{1}{3}$ time, Summer Session of 1966, June 20-August 13, 1966, \$1,000 for the period (10-4-66).
- HANEY, MARIANNE K., Assistant Specialist in Education, one year from September 1, 1966, \$6,600 (9-19-66).

- HAWLEY, STEPHEN A., Research Associate in Electrical Engineering (C), September 27, 1966-August 31, 1967, \$8,500 a year (10-17-66).
- HAYES, GERALD E., Instructor in Art, academic year 1966-67, \$6,200 (10-5-66).
- HECKENDORN, ROLAND H., Research Associate in Chemistry, October 10, 1966-August 31, 1967, \$6,600 a year (9-20-66).
- HERRON, ROBERT E., Assistant Professor in the Department of Recreation and Municipal Park Administration and Assistant Professor of Physical Education for Men, one month from September 1, 1966, \$1,000; and eight months from October 1, 1966, without salary (9-21-66).
- HERZOG, RITA, Research Associate in Botany, one year from September 1, 1966, \$7,000 (9-27-66).
- HITCHMAN, MICHAEL A., Research Associate in Chemistry, September 16, 1966-August 31, 1967, \$6,600 a year (10-4-66).
- HOFFMAN, MELVIN, Research Associate in Educational Psychology, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (10-3-66).
- HOFFSWELL, ROBERT A., Research Engineer in Physics (C), ten months from November 1, 1966, \$9,600 a year (10-11-66).
- HOSTETTER, ROY C., Instructor in Educational Psychology, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-29-66).
- JACOBS, PAUL H., Assistant Professor of English, for one year from September 1, 1966, \$12,500, supersedes (10-19-66).
- JAMNIK, DARKO, Visiting Research Associate Professor of Physics (C), October 10, 1966-February 28, 1967, \$925 a month (10-19-66).
- JEITSCHKO, WOLFGANG, Research Associate in Metallurgy (C), seven months from February 1, 1967, \$8,500, supersedes (9-6-66).
- JENSEN, THOMAS R., Research Associate in Vocational and Technical Education, College of Education, $\frac{3}{4}$ time, academic year 1966-67, \$4,690 (9-22-66).
- JIMENEZ, FRINE F., Research Associate in Secondary and Continuing Education, eleven months from October 1, 1966, \$6,450 (10-17-66).
- JONAS, JIRI, Assistant Professor of Chemistry, academic year 1966-67, \$11,000, supersedes (10-4-66).
- JORGENSEN, AAGE, Instructor and Research Associate in German, Semester I 1966-67, \$3,400 (9-26-66).
- KALB, EDWARD C., Extension Specialist, Short Courses and Conferences, Division of University Extension, October 10, 1966-August 31, 1967, \$8,500 a year (10-4-66).
- KELLEY, CORNELIA P., Associate Professor of English, $\frac{1}{3}$ time, Semester I 1966-67, \$3,800 a year (9-21-66).
- KERLEY, GERALD I., Research Associate in Chemistry, four months from October 1, 1966, \$2,200 (10-4-66).
- KOO, MRS. PING L., Research Programmer in Computer Science, Graduate College, eleven months from October 1, 1966, \$9,200 a year (10-11-66).
- LAPREVOTTE, NOELLE, Visiting Assistant Professor of French, academic year 1966-67, \$9,000 (8-2-66).
- LENG, EARL R., Adviser on Agricultural Research for service at the U. P. Agricultural University, Pant Nagar, U. P., India, under Contract AID/nesa-150, for one month from August 1, 1966, \$16,500 a year; for six weeks from September 1, 1966, \$21,000 a year; and Professor of Plant Breeding and Genetics, Department of Agronomy (C), indefinite tenure from October 16, 1966, \$17,200 a year, supersedes (9-7-66).
- LEONHARD, PATRICIA, Lecturer in Educational Psychology, $\frac{1}{2}$ time, academic year 1966-67, \$3,650 (9-15-66).
- LEWIS, MICHAEL, Instructor in Sociology, \$8,700, and Instructor in the Institute for Research on Exceptional Children, without salary, academic year 1966-67, supersedes (9-26-66).
- LIPPERT, HENRY, Research Associate in Education, Bureau of Educational Research, one year from September 1, 1966, \$9,500 (9-29-66).
- MADDEN, JOHN J., Research Associate in Microbiology, $\frac{1}{2}$ time, September 15, 1966-August 31, 1967, \$3,650 a year (9-26-66).
- MANLEY, MYRON B., Clinical Counselor, with rank of Assistant Professor, in the Student Counseling Service, one year from September 1, 1966, \$11,500 (10-4-66).
- MARLIN, MRS. MARJORIE M., Assistant Professor of Psychology, academic year 1966-67, \$9,000 (10-11-66).

- McCLEARY, LLOYD E., Professor of Educational Administration and Supervision, indefinite tenure from September 1, 1966, \$15,500, supersedes (9-10-66).
- McEWEN, BRUCE G., Academic Coordinator in Extension in International Affairs, Division of University Extension, eleven months from October 1, 1966, \$7,300 a year (10-4-66).
- McKENZIE, ELIZABETH A., Editor, Dean of Students Office, October 17, 1966-August 31, 1967, \$9,500 a year (9-28-66).
- MERKELO, HENRY, Research Associate in Electrical Engineering (C), eleven months from October 1, 1966, \$10,500 a year, supersedes (10-17-66).
- MILLAR, GERA A., Instructor in Russian, academic year 1966-67, \$6,700 (6-23-66).
- MOYER, M. EUGENE, Assistant Professor of Economics, one year from September 1, 1966, \$12,500, supersedes (10-20-66).
- NEELY, MRS. CAROL P. T., Instructor in English, $\frac{2}{3}$ time, academic year 1966-67, \$5,000 (10-4-66).
- O'LEARY, KEITH D., Research Associate in Psychology and Instructor in Psychology, Semester I 1966-67, \$3,000 (9-16-66).
- OLIVER, WILLIAM A., Professor of Civil Engineering (C and S), $\frac{1}{2}$ time, one year from September 1, 1966, \$7,200 (10-11-66).
- OLSON, EDWARD C., Assistant Professor of Astronomy, academic year 1966-67, \$10,400, supersedes (10-11-66).
- PANDEY, RAMESH C., Research Associate in Chemistry, seven months from February 1, 1967, \$6,600 a year (8-29-66).
- PARSONS, MICHAEL J., Research Associate in Philosophy of Education, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (9-29-66).
- PAYETTE, ROLAND, Research Assistant Professor of Education, University High School, one year from September 1, 1966, \$11,000, supersedes (10-19-66).
- RAGO, LOUIS J., Associate Professor of Industrial Administration, indefinite tenure from September 1, 1966, academic year service basis, \$13,000 a year, supersedes (10-28-66).
- REA, PATRICK E., Assistant Dean of Men, September 19, 1966-August 31, 1967, \$7,800 a year (10-11-66).
- REED, CORDELIA, Assistant Professor of French, 33 per cent time, Semester I 1966-67, \$285.46 a month (10-11-66).
- REYNOLDS, HARRY A., JR., Assistant Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, eleven months from October 1, 1966, \$13,750 a year, supersedes (10-11-66).
- RICHARDSON, DANIEL, Instructor in Mathematics, academic year 1966-67, \$8,000 (6-23-66).
- ROGERS, RALPH W., Executive Officer and Associate Professor of Naval Science, $\frac{1}{10}$ time, July 1, 1966-August 31, 1967, \$600, supersedes (7-26-66).
- ROWLANDS, ROBERT E., Research Associate in Theoretical and Applied Mechanics, $\frac{1}{2}$ time, academic year 1966-67, \$3,000, supersedes (9-23-66).
- SANDOR, BELA I., Research Associate in Theoretical and Applied Mechanics, $\frac{2}{3}$ time, academic year 1966-67, one year from September 1, 1966, \$4,000, supersedes (9-23-66).
- SCHMIDT, WILLIAM H., Assistant Specialist in Education, Department of Secondary and Continuing Education, one year from September 1, 1966, \$7,200 (10-4-66).
- SHACHTMAN, MAX, Visiting Lecturer in Journalism, one month from October 1, 1966, \$1,200 (9-20-66).
- SHATTUCK, SUSAN D., Research Associate in the Office of the Executive Vice-President and Provost, $\frac{1}{2}$ time, September 16, 1966-August 31, 1967, \$5,400 a year (10-4-66).
- SIMMONS, WILBUR D., Research Associate in Special Education, College of Education, academic year 1966-67, without salary (9-20-66).
- SMITH, EDWARD J., Assistant to the Director of Admissions and Records, one year from September 1, 1966, \$11,600, supersedes his nonacademic appointment (9-26-66).
- SMITH, MRS. KATHRYN W., Instructor in Home Economics, $\frac{1}{2}$ time, academic year 1966-67, \$2,700 (9-23-66).
- SPLITLER, JOSEPH C., Professor of Naval Science and Commandant of Midshipmen from July 1, 1966, and continuing for the duration of his tour of duty at the University, without salary (9-1-66).

- STALLMAN, WILLIAM E., Instructor in General Engineering (C), academic year 1966-67, \$7,600 (8-9-66).
- STOLPE, VIRGINIA, Research Associate in Secondary and Continuing Education, $\frac{1}{2}$ time, one year from September 1, 1966, \$3,675 (9-26-66).
- SUZUKI, MICHIO, Professor of Mathematics, College of Liberal Arts and Sciences, indefinite tenure from September 1, 1966, academic year service basis, and Associate Member Center for Advanced Study, Graduate College, one year from September 1, 1966, \$25,000 (7-20-66).
- SUZUKI, WARREN N., Research Associate in Vocational and Technical Education, $\frac{1}{2}$ time, academic year 1966-67, \$3,500 (10-4-66).
- SYBESMA, CHRISTIAAN, Research Associate Professor of Botany and of Biophysics, one year from September 1, 1966, \$11,000 (9-26-66).
- SZOKE, CLAIRE L. OLSON, Instructor in Spanish, $\frac{1}{3}$ time, academic year 1966-67, \$1,833 (9-28-66).
- TADANO, TAKEO, Research Associate in Zoology, eleven months from October 1, 1966, \$6,050, supersedes (10-17-66).
- TEMUSSI, PIERO A., Research Associate in Chemistry, two months from September 1, 1966, \$1,100 (10-19-66).
- THORNE, MARLOWE D., Research Adviser at the Jawaharlal Nehru Agricultural University, Jabalpur, M. P., India, for service under Contract USAID/nesa-149, from September 6 through December 5, 1966, \$24,500 a year, supersedes his present contract as Professor of Agronomy and Head of the Department, \$23,750 a year, only for the three-month period indicated (8-24-66).
- TSUBOI, TEIICHI, Research Associate in Computer Science, six months from October 1, 1966, \$4,250, supersedes (10-4-66).
- UROFF, MRS. MARGARET D., Instructor in Verbal Communication, Division of General Studies, $\frac{3}{4}$ time, Semester I 1966-67, \$1,800 (10-15-66).
- VAN DER SLUYS, WILLIAM A., Assistant Professor of Theoretical and Applied Mechanics, academic year 1966-67, \$8,100 (10-4-66).
- VAN VLEET, JOHN F., Instructor in Veterinary Pathology and Hygiene, September 16, 1966-August 31, 1967, \$9,583.30 (10-3-66).
- VOLD, ROBERT L., Instructor in Chemistry, Semester I 1966-67, \$4,000 (10-11-66).
- WAYMAN, CLARENCE M., Professor of Metallurgical Engineering, indefinite tenure from September 1, 1966, \$14,000, supersedes (9-26-66).
- WEBB, MARGARET H., Serials Cataloger, with rank of Instructor, in the Library, $\frac{3}{4}$ time, September 14, 1966-August 31, 1967, \$4,950 (10-5-66).
- WEHLAGE, GARY G., Instructor in Secondary and Continuing Education, academic year 1966-67, \$7,000 (9-26-66).
- WERT, CHARLES A., Acting Head of the Department of Mining, Metallurgy, and Petroleum Engineering, one year from September 1, 1966, and Professor of Physical Metallurgy, on indefinite tenure from September 1, 1966, academic year service basis, \$22,000, supersedes (9-28-66).
- WILLS, HERBERT, Research Associate in Mathematics and in Education, academic year 1966-67, \$10,350 (10-4-66).
- WILSON, GEORGE S., Research Associate on $\frac{3}{4}$ time and Instructor on $\frac{1}{4}$ time, in Chemistry, academic year 1966-67, \$8,300 (10-4-66).
- WOLF, EDWARD L., Research Assistant Professor of Physics and in the Coordinated Science Laboratory (C), one year from September 1, 1966, \$10,000 (10-11-66).
- WOLLERSHEIM, DAVID, Instructor in Mechanical Engineering, academic year 1966-67, \$6,500 (10-4-66).
- YOKOKAWA, SENJI, Visiting Research Associate in Electrical Engineering (C), September 1, 1966-March 7, 1967, without salary (9-24-66).

RESIGNATIONS, CANCELLATIONS, AND DECLINATIONS

Chicago Circle

- BEN-ISRAEL, ADI, Associate Professor of Systems Engineering—resignation effective September 1, 1966.
- BOWEN, W. R., Assistant Professor of Biological Sciences—resignation effective September 1, 1966.
- CHANDLER, MARGARET, Professor of Sociology—resignation effective September 1, 1966.

JOHNSON, NORMAN J., Assistant Professor of Sociology and Anthropology — resignation effective September 1, 1966.

Medical Center

DRIESSEN, GERALD J., Research Associate in Otolaryngology, College of Medicine — resignation effective October 1, 1966.

KAMINSKY, STUART M., Editor of Medical Center News — resignation effective December 1, 1966.

NAKANISHI, SUEHIRO, Research Associate in Pharmacology, College of Medicine — resignation effective November 1, 1966.

Urbana

ADLER, DONATELLA G., Research Assistant Professor of Physics — resignation effective August 1, 1966.

BLURTON, MICHAEL A. S., Research Associate in the Bureau of Economic and Business Research — cancellation effective September 1, 1966.

DAUM, DONALD R., Assistant Professor of Agricultural Engineering — resignation effective November 1, 1966.

DAVIES, MICHAEL S., Instructor in the Coordinated Science Laboratory — cancellation effective September 1, 1966.

DILEY, CLYDE A., Research Associate in the Curriculum Laboratory, College of Education — resignation effective October 1, 1966.

FORD, NEIL M., Research Associate in the Bureau of Economic and Business Research — cancellation effective September 1, 1966.

GIBBONS, ROBERT W., Instructor in Veterinary Clinical Medicine — resignation effective September 16, 1966.

HOPPE, DANIEL J., Extension Specialist in the Division of University Extension — resignation effective October 1, 1966.

ITATANI, HIROSHI, Research Associate in Chemistry — resignation effective November 16, 1966.

KANEMATSU, KAZUO, Research Assistant Professor of Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering — cancellation effective September 1, 1966.

KREROWICZ, WILLIAM A., Instructor in Electrical Engineering — declination effective September 1, 1966.

LOY, ARTHA S., Research Assistant Professor of Secondary and Continuing Education — cancellation effective September 1, 1966.

MOLITORIS, H. P., Research Associate in Plant Pathology — resignation effective November 1, 1966.

NARCISI, LOUIS J., Assistant Professor of Architecture — resignation effective September 1, 1966.

PROTOPOPOFF, GEORGE, Instructor in Russian, Department of Slavic Languages and Literatures — resignation effective September 1, 1966.

RENWICK, FRANK W., JR., Director of the Executive Development Center, College of Commerce and Business Administration — cancellation effective September 1, 1966.

RUCKER, WALTER E., Research Associate in the Curriculum Laboratory, College of Education — resignation effective October 1, 1966.

LEAVES OF ABSENCE

GIRAULT, EMILY S., Assistant Professor of Secondary and Continuing Education (Urbana) — leave of absence, without pay, for the academic year 1966-67, so that she may work on a special assignment with the Institute of Social Research at the University of Michigan, Ann Arbor, Michigan.

LERMAN, ABRAHAM, Assistant Professor of Geology (Chicago Circle) — leave of absence, without pay, from September 1 through December 21, 1966.

MARKLE, MRS. SUSAN M., Head, Programmed Instruction Division, in the Office of Instructional Resources, and Associate Professor of Psychology (Chicago Circle) — leave of absence, without pay, for one month from October 1, 1966, so that she may serve as a consultant in programmed instruction to the Department of Psychological Foundations, National Council of Educational Research and Training, New Delhi, India.

- MONTAGUE, PATRICIA T., Assistant Professor of Mathematics (Urbana) — leave of absence, without pay, for the first semester of 1966-67.
- POWELL, DWIGHT, Professor of Plant Pathology, Department of Horticulture (C, S, and E) (Urbana) — leave of absence, without pay, for the period February 15 through June 30, 1967, so that he may accept a visiting lectureship at the University of Minnesota.
- SAUER, ELMER L., Professor of Rural Development Extension, Department of Agricultural Economics (E) (Urbana) — leave of absence, without pay, from February 22 through June 30, 1967, so that he may accept a Fulbright-Hays grant to work at the University of the West Indies in Trinidad.
- ULANOWSKY, PAUL, Professor of Music (Urbana) — leave of absence, without pay, for the second semester of 1966-67.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

- BELFORD, R. LINN, Associate Professor of Physical Chemistry, Department of Chemistry and Chemical Engineering (Urbana) — sabbatical leave of absence, for the first semester, on full pay, changed to leave of absence for the academic year, on one-half pay.
- CASAGRANDE, JOSEPH B., Professor of Anthropology and Head of the Department (Urbana) — sabbatical leave of absence for the academic year 1966-67, on one-half pay, changed to leave of absence for the first semester of 1966-67, on full pay.
- KIRSTEIN, LAURETTE, Coordinator of Foreign Students at Chicago Circle and Assistant Professor of English for Foreign Students — sabbatical leave of absence granted her for the second semester of the academic year 1966-67, on full pay, is hereby cancelled without prejudice.
- WAHL, FLOYD M., Associate Professor of Geology (Urbana) — sabbatical leave of absence granted him for the second semester of the academic year 1966-67, on full pay, is hereby cancelled without prejudice.

STATEMENT BY MR. IRVING DILLIARD

Mr. Dilliard presented the following statement which he requested be included in the record of today's meeting.

MR. PRESIDENT:

I have requested a few minutes today to present a matter that seems to me to be of much importance to the University of Illinois and to the people who support it with their tax dollars. If this subject is not widely talked about now, I can assure you that it will be under discussion and of concern in the future. As justification for this prediction, I call attention to how little notice was being paid to the matter of educational opportunities and faculty appointments for Negroes when that subject was first brought before this Board of Trustees five and a half years ago.

Since then, a significant share of the efforts of our colleges and universities has been directed to increasing the number of students from disadvantaged homes and to giving them special assistance where needed and deserved and also to obtaining faculty positions for qualified Negro teachers and scholars. The extent to which the University of Illinois subsequently has joined in these national concerns is set forth in some detail in the November 1 issue (No. 129) of the *Faculty Letter*.

What I call attention to now is another area of discrimination and prejudice which I am sorry to say mars far too many of our colleges and universities. As a citizen of Illinois and an alumnus of the University, as well as a member of this Board, I would like to see my University become recognized nationally as a leader in dispelling this discrimination and prejudice. I refer to the inferior status of women in the academic world generally. I know full well that there are notable exceptions for I have compiled a list of those that are outstanding, but the fact remains that generally speaking they continue to be exceptions.

Just what the situation now is at the Urbana-Champaign campus and in the University of Illinois as a whole with respect to the treatment of women as teachers and scholars, in terms of rank, compensation, and advancement, I confess frankly I do not know. What it was when I was an undergraduate forty

years ago, I remember only too well. For my information and the public's—and I trust this will be of no less interest to other members of the Board (I know it will be to Trustee Watkins)—I request that the University Administration provide at our December meeting a report on the numbers and percentages of men and women in the several academic ranks—assistant, instructor, assistant professor, associate professor, and professor. I request this by divisions and departments, these units to be gathered into their respective colleges and other administrative units with numbers and percentages finally for the University as a whole. I request also this information for the nonacademic administrative staff and for the service personnel. I am sure this data is readily available and needs only to be assembled, if indeed it is not currently collected, as I would expect it to be.

All I ask, in effect, is that we feed the current *Staff Directory* into a computer and call on it to organize the faculty and staff by subject units into numbers and percentages of men and women according to the several levels of academic rankings. I realize, of course, that large diversities are inevitable, that the percentages of women in Home Economics and Nursing will be different from the percentages in Mechanical Engineering and Animal Husbandry. But whatever the facts we should know them. We should know particularly what the statistics show in the humanities, in liberal and fine arts and in the social sciences in which fields so many women students take their degrees.

There are several reasons for compiling this information on the basis I have requested and for making it public:

First, there is the matter of simple justice to women. We can not hold an informed opinion about this until we are sure of the facts with respect to how women are treated in the matter of appointments, advancements, and scholarly recognitions at the University of Illinois.

Second, there is the growing problem of the development of adequate faculties to teach the ever-increasing enrollments flooding our campuses. I have been told that some colleges and universities are allowing old prejudices to cause them to employ third and fourth rate men rather than first rate women.

Third, in view of the generous reception of large numbers of women into such fields as business, merchandising, advertising, public relations and publishing, to name only a few, those of us who are related to advance education and scholarship owe it to our area to make sure that it does not lag behind but indeed is the leader that we have every reason to expect it to be.

Fourth, in the light of the advancement of women in such countries as Soviet Russia, India, and others that might be mentioned, we in the United States, where women are in the majority and possess more than half the wealth, must be sure that we are not treating women as second-class citizens on our college and university faculties. Democracy must be democracy not only with respect to race but also with respect to sex.

To summarize, Mr. President, I make no apology for bringing this topic before the Trustees even though some may say it is not a matter of current concern. I happen to believe that colleges and universities should anticipate developments, that they should lead in developing informed opinion. Since this subject will receive widespread attention in the near future, I would like to see the University of Illinois step out in the forefront and in doing so become known over the country as an educational institution where demonstrably there is no prejudice against women in academic position, advancement, and responsibility. It will not be long before what I ask us to do voluntarily will be required under pressure of all colleges and universities inasmuch as Federal Civil Rights legislation prohibits discrimination in employment on the basis of sex. Let us proceed then before we are forced to do so and in proceeding learn just what the facts are. Mr. President, I ask that this statement of request for information be made a part of the minutes of this meeting with a view to an official report to the Board when we meet next month. Thank you very much.

President Henry stated that the information requested by Mr. Dilliard would be presented to the Trustees as soon as it can be obtained and by the December meeting of the Board insofar as may be possible.

REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

President Clement announced that the next three meetings of the Board will be held on December 8, 1966, at Chicago Circle, on January 12, 1967, in Chicago (the place to be determined later), and on February 9, 1967, at the Medical Center.

MARCH — ANNUAL MEETING

The By-Laws of the Board of Trustees provide that the Board shall hold an annual meeting on the second Tuesday of March, unless the date of such meeting be changed by the Board. This year the second Tuesday will be March 14, 1967. President Clement asked the wishes of the Board regarding the date of this meeting. It was agreed that the annual meeting should be held on the second Tuesday of March (March 14, 1967) as provided by the Statutes.

GUESTS OF THE BOARD

President Clement announced that a group of undergraduate student leaders had been invited to be guests of the Board at this meeting and at luncheon.

RECESS AND EXECUTIVE SESSION

President Clement stated that an executive session had been requested and was being ordered for consideration of business relating to patentable inventions and property acquisitions.

On motion of Mrs. Watkins, the Board recessed for five minutes.

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes. The following recommendations from the President of the University were presented and considered.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(29) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following reports and recommendations relating to patentable inventions by members of the staff.

1. Simplified methods of selection of quotient digits for Digital Computer Division—James E. Robertson, Research Professor of Electrical Engineering and of Computer Science, inventor; developed under Contract AT(11-1)-1018. The choice of the particular value of the quotient digit can be made on the basis of a limited number of the most significant digits of the divisor and partial remainder (or dividend), in contrast to conventional methods for which all digits of the divisor and an equal number of digits of the partial remainder must be compared.

The inventor advised that the International Business Machines Corporation was filing for a patent on this idea, and the University of Illinois Foundation, after study, advised that there is little probability of commercial value to the University. It is recommended that the rights of the University be released to the inventor, subject to the rights of the sponsoring agency.

2. Acoustic pressure transducer—the late Robert C. Dimick, formerly Assistant Professor of Mechanical Engineering, and George J. Trezek, formerly National Science Foundation Trainee III in Mechanical and Industrial Engineering, inventors; developed under Project SQUID Subcontract S-6, Contract Nonr-3623. This invention relates to a low cost pressure transducer which is based on the change of impedance of a small permanent magnet loudspeaker when the air density surrounding it changes. This device is useful for pressure

measurements in the range of .2 to 15 psi where reasonably rapid response is required.

The University of Illinois Foundation studied this invention and reported that there is little commercial potential. Accordingly, it is recommended that the rights of the University be released to the inventors with recognition of the rights of the United States Government.

3. Solid state infrared to visible photon converter — W. Dale Compton, Professor of Physics and Director of Coordinated Science Laboratory, inventor; developed under Contract DA-28-043-AMC-00073(E). This device absorbs infrared photons which do not stimulate the eye and emits a visible photon that can be seen by the eye. The unique feature of this device consists of the utilization of the tunneling phenomena of holes through very thin insulating barriers.

It has been determined that there is a possibility of commercial value in this invention. It is recommended that the rights of the University be released to the University of Illinois Foundation with recognition of the rights of the United States Government.

4. Solid state analog computer-type calibrator for a radio interferometer — William Christian McClurg, Research Engineer in Electrical Engineering, inventor; developed under Contract AMC-01333(E). This invention relates to a new design for a solid state multiplier which would perform the same functions as an already existing electromechanical multiplier, yet be lighter, smaller, and more reliable while using much less power.

There appears to be very little commercial potential. The inventor recommends outright release to the sponsor. It is recommended that the rights of the University in this invention be released to the United States Army, the sponsoring agency.

5. Apparatus for continuous non-destructive measurement of the density of sediment in a corer barrel — Kenneth Preiss, formerly Assistant Professor of Civil Engineering and of Nuclear Engineering, inventor; developed under Contract Nonr-3985(09). This apparatus involves a gamma ray source (C-137) and a radiation detector held in a movable carriage so that they are on opposite sides of the core.

After study of the invention by the University of Illinois Foundation and discussion with the inventor, it is recommended that the rights of the University be released to the United States Navy, the sponsoring agency.

I concur in these recommendations.

On motion of Mr. Swain, these recommendations were approved.

REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO PURCHASE 1304 WEST MAIN STREET, URBANA

(30) The Board of Trustees at its meeting on April 20, 1966, authorized a request to the Illinois Building Authority to acquire, by condemnation proceedings, the property at 1304 West Main Street, Urbana, to be used as part of the site for the Civil Engineering Building, Phase II. Subsequent negotiations with the owners of the property, after the filing of the condemnation petition, have resulted in their agreement to a price of \$45,000, which is within the appraisals received on the property. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Building Authority be requested to acquire title to the property at this time by contract or purchase or judgment order in the condemnation proceedings.

I concur and recommend adoption of the following resolution.

Resolution Requesting Acquisition of Property at 1304 West Main Street, Urbana, Illinois, by Illinois Building Authority

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "AN ACT to Create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, be, and hereby is, requested to acquire for this public corporation in accordance with the Illinois Building Authority Act, the property at 1304 West Main Street, Urbana, Illinois, described as follows:

Lot Nine (9) in Block Forty-two (42) in the Seminary Addition to Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois,

at an acquisition price of Forty-five Thousand Dollars (\$45,000.00) and with title to be conveyed to, or vested by Judgment Order in, and possession delivered to, the Illinois Building Authority not later than January 1, 1967.

Be It, and It Hereby Is Further Resolved that the Comptroller and Secretary of this public corporation be, and they are hereby are, authorized and directed, to execute in the name of, and on behalf of, this public corporation such lease agreement or other document or documents, and to secure and submit appraisals and such other documentation, as they may deem to be necessary or desirable in order to effectuate such conveyance of title to the Illinois Building Authority and to secure to this public corporation the beneficial use of said property.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

PURCHASE AND SALE OF PROPERTY FOR PSYCHOLOGY BUILDING SITE, URBANA-CHAMPAIGN CAMPUS

(31) At its meeting on July 27, 1966, the Board authorized acquisition by condemnation of a strip of ground three inches by 87.35 feet, which was owned by unknown parties. This land will be used as part of the site for the Psychology Building, the balance of which is to be owned by the Illinois Building Authority.

A jury award was returned in the Circuit Court of Champaign County on October 27, 1966, finding the value of the property to be \$275 and requiring payment to be made to the County Treasurer of Champaign County of that amount by December 1, 1966.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the payment of the \$275 be temporarily financed from General Contract Reserves and that the Illinois Building Authority be requested to purchase the property at that price as part of the land it is acquiring and leasing to the University under a lease dated March 20, 1964.

I concur and request the adoption of the following resolution.

Resolution Authorizing Conveyance of a Three Inch Strip of Land Within the Psychology Building Site to the Illinois Building Authority

Be It, and It Is Hereby, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this corporation, and under its Corporate Seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to the Illinois Building Authority, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, title to the following described property, viz :

The North Twenty-five Hundredths (.25) feet of the South One Hundred and Twenty-five Hundreths (100.25) feet of Lot Four (4) in Block One (1) of A. T. Hall's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois;

for, and in consideration of, the payment by said Illinois Building Authority of the sum of Two Hundred Seventy-five Dollars (\$275.00) to this corporation.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

**ACQUISITION OF PROPERTIES AT 904-904½ SOUTH SIXTH STREET
AND 908 SOUTH SIXTH STREET, CHAMPAIGN**

(32) At the request of the University, condemnation proceedings by the Illinois Building Authority are pending for acquisition of the properties at 904-904½ South Sixth Street and 908 South Sixth Street, Champaign, Illinois. A trial date of November 14, 1966, has been set for 904-904½ South Sixth Street, and of December 12, 1966, for 908 South Sixth Street, Champaign.

In order to expedite possible settlements under Illinois Building Authority requirements, it is desirable for the Board to take action at this time. The Director of the Physical Plant and the Vice-President and Comptroller recommend that in the event a settlement offer is received from the owners of either property that is within the appraisals received by the Illinois Building Authority, the Illinois Building Authority be requested to authorize the acquisition of that property at the price offered.

I concur.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner.

On motion of Mr. Johnston, the Board adjourned.

EARL W. PORTER
Secretary

HOWARD W. CLEMENT
President