

SEVENTH BIENNIAL REPORT
of the
BOARD OF TRUSTEES
of the
CALIFORNIA POLYTECHNIC SCHOOL

to
THE GOVERNOR OF THE STATE OF CALIFORNIA
Comprising the
Reports of the Director and Secretary of the Board

1914-1916

-Note-

This report is to be followed by a
supplemental report outlining the pro-
posed alternative biennial budget.

San Luis Obispo, California.

1916.

REPORT OF THE DIRECTOR.

To the Board of Trustees,
California Polytechnic School,
San Luis Obispo, California.

The seventh biennial report of the Director of the California Polytechnic School covers the period beginning with July 1, 1914 and ending with June 30, 1916.

Resignations and appointments.

A record of the changes in the staff and the additions thereto during the last biennial period is here presented:

Resignations.

NAME.	POSITION OR DUTIES.	DATE EFFECTIVE.
C. L. Flint	Horticulturist	Aug. 1, 1914.
Neoma Check	Registrar	April 1, 1915.
C. A. Jackson	Mechanics & Electricity	July 1, 1915.
C. W. Rubel	Animal Industry	" 1, 1915.
J. S. Bailey	Cashier	" 1, 1915.
J. T. Loomis	Music	" 1, 1915.
G. A. Hill	Registrar	" 1, 1915.
A. D. King	Mathematics	" 1, 1916.
C. T. Keefer,	Drafting	" 1, 1916.
Letitia MacElvaney	Social Supervisor	Aug. 1, 1916.

Appointments.

NAME.	POSITION OR DUTIES.	DATE EFFECTIVE.
C. D. Carus	English & History	July 1, 1914.
Carl Nichols,	Horticulturist	" 1, 1914.
C. T. Keefer	Drafting	" 1, 1914.
F. R. York,	Physics & Chemistry	" 1, 1914.
Letitia MacElvaney	Social Supervisor	Aug. 1, 1914.
J. T. Loomis,	Music	" 1, 1914.
G. A. Hill	Registrar	April 1, 1915.
G. A. Hill	Business Secretary	July 1, 1915.
D. W. Schlosser	Military Drill & Music	" 1, 1915.
H. C. Figge	Forge & Foundry	Aug. 1, 1915.
C. A. Binns	Mechanics & Electricity	Sept. 1, 1915.
A. L. Nelson	Animal Industry	" 1, 1915.
E. M. Malis	Horticultural Assistant	" 1, 1915.
A. M. Nichols	Registrar	July 1, 1915.

Those positions held by Mr. F. R. York, Physics & Chemistry, J. T. Loomis, Music, H. C. Figge, Forge & Foundry, and E. M. Malis are new positions made necessary by the adoption of the four year course of study, with the exception of that of Mr. Malis which position was made necessary by Mr. Nichols' taking up extension work as County Horticultural Commissioner of San Luis Obispo County.

Miss May Secrest, Head of the Household Arts Department, in addition to her other duties, was made Vice-Director, July 1, 1915.

S t u d e n t s.

The enrollment since the opening of school, October, 1903, has been as follows:

SCHOOL YEAR	SPECIAL SHORT COURSE	TOTAL ATTENDANCE
1903-04	—	20
1904-05	—	60
1905-06	—	100
1906-07	—	126
1907-08	—	141
1908-09	11	151
1909-10	23	173
1910-11	—	176
1911-12	—	192
1912-13	20	162
1913-14	21	194
1914-15	—	162
1915-16	760	936 162 179

C A L I F O R N I A P O L Y T E C H N I C S C H O O L.

Table No. _____

Statistics of California Polytechnic School, at San Luis Obispo,

For 1915 and 1916.

By R. W. Ryder, Director.

	1915	1916
Number of teachers employed:		
Men	11	12
Women	4	5
Total	15	17
Students enrolled 1914-15:		
Year	Men	Women
1	42	14
2	33	18
3	20	9
Specials	25	1
Totals	120	42
Graduates	17	5
Students enrolled 1915-16:		
Year	Men	Women
1	55	16
2	38	19
3	24	11
4	00	00
Specials	11	2
Extension specials	699	61
Totals	827	109
No graduating class. (End of three years course)		000

A l u m n i

The complete graduation record is as follows:

YEAR	AGRICULTURE	MECHANICS	HOUSEHOLD ARTS	TOTAL
1906	2	2	4	8
1907	5	4	7	16
1908	8	4	4	16
1909	11	11	8	30
1910	4	10	7	21
1911	4	10	2	16
1912	8	9	8	25
1913	11	8	6	25
1914	8	13	12	33
1915	12	5	5	22
1916	(No Graduating Class; the end of the three year course.)			
Totals	73	76	63	212

L i n e s o f I n s t r u c t i o n

The school has, during the past fourteen years of its existence, devoted its attention to the three main lines of instruction fully outlined in the school catalog--Agriculture, Mechanics and Household Arts. The class of 1915 was the last one to graduate from the three-year courses. The school is now on the fourth year of the regular four-year courses.

The two year course of study recommended in the Fourth Biennial Report of the Board of Trustees for students over eighteen years of age has not been offered yet, as the school has not been able to finance it. During the past two years the demand for this course has practically died out, due to this demand being met by special courses especially adapted by the faculty to meet the individual needs of each particular student.

In line with the recommendation of the Board of Trustees in the third Biennial Report those subjects common to the three main courses have been applied for accrediting at the University of California and

will be fully accredited with the graduation of the class of 1917. These academic courses, for the purpose of simplifying the arranging of courses of study as also the elimination of misunderstandings regarding those courses accredited, have been grouped under the supervision of one member of the faculty and turned the Academic Department. Students are not allowed to enroll in this department without the written consent of their parents and then only on condition that they do superior work and also take a certain amount of work in the other three departments.

There is still a demand for a "Business Course". This demand comes for the most part from our own students who desire to take a certain amount of instruction in this work. That this demand is real is testified to by the fact that a number of the graduates have enrolled for a one-year short course in the local High School as also Healds Business College.

It does not appear necessary at the present time to again present to the Legislature the recommendation in the 6th Biennial Report, namely that Normal School work be given, as the demand for this work at the present is not very great and appears to be decreasing.

The extension work undertaken during the beginning of the school year of 1914 has progressed well. During the school year of 1914-15 very little was accomplished due to failure on the part of the then Head of the Agricultural Department to appreciate the advantages which would accrue to the institution and the ranchers of this section thru this work. During the year of 1915-16 a series of farmer's institutes were organized and held. This series consisted of ten institutes held thruout the county. There was a total attendance of 760, giving an average of 76 attending each meeting. Practically all of these men and women became extension students and have since received instruction thru personal visits and by letter. During the holding of these meetings the work of the County Horticultural Commission was organized and established. Mr. Nichols, the institutions instructor in Horticulture, took the State Examination, passed highest

on the list and was appointed Commissioner of Horticulture by the County Board of Supervisors upon the recommendation of the Board of Trustees of this institution. The work of the Horticultural Commission has been successfully carried on and is now firmly established and a recognized asset to the fruit ranchers of this county.

There has been organized a Dairymen's Association. The purpose of this association is to improve the breeds of dairy cattle now in use in this county, to secure unity of action and co-operation among the dairymen and eventually to establish a system of cow testing such as is in vogue in other parts of this state, as also in other states. The association was organized by Mr. Westover, Chief of the Dairy Division, California Polytechnic School's Agricultural Department.

Definite lines of work have been followed in connection with the rural schools of this county. During the year of 1915-16 practically every rural school in San Luis Obispo County was reached at least once and for the most part two and three times during the year. At these meetings a short program was given and such instruction in agriculture (Dairying, Poultry, Horticulture and gardening) and athletics as was thought would be assimilated and applied. As far as possible teachers were assisted in carrying out and applying of the "Rigdon Rural High School Act." Many requests have come in from rural school teachers requesting assistance in the supplying by this school of plants and seeds for use in this work. This institution has been able to supply this demand only in part. There should be funds available either from the institution's general funds or a special fund provided to carry on this work. As a culmination of this rural school extension work, as also a reward to those grammar school students who became interested, a field meet was held during the month of June at which practically every grammar school in the county, including the city schools, was represented. The attendance was such as to pay all expenses connected therewith including the cost of medals, tickets, printing, advertising, etc.

That this extension work has shown results is testified to by the better understanding of this school's purpose shown thruout the county, by the increase in attendance from this county, by the increased number of problems which the ranchers are bringing to the school for solution, and by the ease with which the University of California's Agricultural Extension Department was able to organize, thru the County Chamber of Commerce, the Farm Bureaus necessary to the securing of a farm advisor.

{ The securing of a Farm Adviser for this county will react }
{ to the benefit of this institution if the Farm Advisor secured is }
{ friendly to this school and will co-operate in the continuing of t }
{ his work. If an unfriendly and unco-operative attitude is assumed }
{ then much harm will result to this institution and therefore to the }
{ county as a whole. }

In the carrying on of this extension work the institution's ranch and equipment must of necessity be used as a demonstration model farm. This at first appeared to be one of the unsurmountable obstacles to the successful prosecution of this work.

The school did not have the farm equipment and stock necessary to carry on demonstration work. The farm machinery has been added to by donations and loans from the agricultural implement companies until in part this institution's difficulty was overcome. There is, however, a serious disadvantage in this system in that at the time the machine is needed most it is generally recalled for use in a rush local sale or for replacement for experimentation with a later model.

The system of obtaining farm machinery could not be applied to the obtaining of stock as there is very little if any stock in this county which is not of an inferior strain to this school's or too nearly related to be of use in breeding. Funds must be secured for stock and farm equipment or this institution's work must cease along lines mentioned above.

Should this institution be compelled thru lack of funds to discontinue this work this section of the state would suffer and labor

under a very material disadvantage as compared to other sections of this state which are enjoying the benefits derived from the University of California's efforts along this line.

From the above it must not be inferred that this institution is duplicating any of the State University's work but rather that it is carrying on work never taken up in this section of the state and is endeavoring to co-operate with the State University's Bureau of Extension at all times.

Aside from the needs just mentioned, the institution's buildings are in dire need of repairs. For three biennial years (6 years) the institution has been denied adequate housing facilities for its stock and sufficient ~~repairs~~ for its buildings until at the present time its appearance is not a credit to this state. Visitors from the educational institutions of other states remark on the dilapidated appearance of the buildings and the worn out condition of the roads. For two biennial years the state has denied the sum of five hundred dollars for the repair of the road to the city of San Luis Obispo, claiming that a ranch did not need grounds or roads. Similar remarks and excuses have been made concerning the replacing of a stock barn used in the housing of the school's stock, which building was condemned and discarded by a rancher before the institution was established some fourteen years ago. Since this time the building has once fallen down, been erected by students, and has been the cause of loss to the state of thousands of dollars of stock due to injuries from exposure, etc., omitting the damage which the institution has suffered in its instructional work.

The four main buildings have been allowed to exist with leaking roofs until most of the interior must be replastered and refinished. This fact also applies in a lesser degree to the other buildings. The exterior of all the buildings has not been painted covering a period of some ten years with the result that they are suffering a very material injury. This applies particularly to those buildings finished in plaster which are weathering and if not attended to immediately will require at an early date the replastering of the whole exterior, which will be a matter of considerable expense.

Certain sheds and additions are asked which are the minimum requirements and represent absolute necessities. All requirements are the minimum in order that the state may be in a position to grant those necessities requested.

A request is made for a shop building to replace those now in use which are of such frail construction as to make it doubtful if they will stand during the period necessary to reconstruct a new shop building.

That amount of money requested to complete the water system is a necessity in the fullest sense of the work. Without the completion of the water system it is impossible for this institution to continue in session during a dry year. Twenty thousand dollars was appropriated by the last Legislature to take up this project. Five thousand has been expended and the remainder is being held pending the receipt of the balance before beginning the final plans.

During the past year the cost of supplies has increased in general some 200%. For this reason slight increases are needed in the Library, Grounds and Support appropriations. Particular attention is directed to the support appropriation which must not only support the institution but must also carry the general expense of the extension work.

An increase in the salaries appropriation is necessary to provide for one additional instructor and slight biennial increases for other members of the faculty, which increases will be necessary to preserve the present personnel of the teaching force.

It is desirable that the printing fund be increased by a considerable ~~increasement~~. The total present printing fund is not sufficient to print the annual catalog and bulletins for one year. Without a means of distributing the school's knowledge it is valueless to the state. During the past year the school has drawn on its contingent fund for \$900.00 and received \$700.00 additional from outside sources in order that the work might continue without interruption. These sums, together with the school's printing fund, constitutes a sum of \$2350.00. This is the minimum which can be efficiently used. That this work is of merit is shown by the fact that \$700.00 has been donated by outside parties rather than have it discontinued.

ESTIMATE OF EXPENDITURE FOR THE BIENNIAL PERIOD.

July 1917 - June 30, 1919.

General Appropriations:

Salaries.....	\$ 85,000.00
Support & Maintenance (including Trustees Exp.)	40,000.00
Care & Improvement of Grounds.....	10,000.00
Library.....	2,000.00
Printing.....	4,000.00
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Total.....	\$ 141,000.00

Special Appropriations:

Repairs & Improvements.....	70,000.00
Live Stock.....	15,000.00
Permanent Water System.....	40,000.00
Shop Building.....	20,000.00
Assembly Hall, Gymnasium & Armory.....	30,000.00
Girls' Dormitory.....	25,000.00
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Total.....	\$ 200,000.00

Repairs & Equipment:

1. Roofs for Machine & Forge Shops.....	500.00
2. Roofs for 4 main buildings.....	6,000.00
3. Painting:-Adm. Bldg., H. A. Bldg., Science Hall, Dining Hall, Boys' Dorm., 3 shops, Creamery, Dairy Barn, An. Ind. Bldgs. and all Farm Bldgs.....	6,000.00
4. Repairing & Replacing in part plumbing of Buildings mentioned in item #3.....	2,000.00
5. Repairing & Electric Wiring on Bldgs..... mentioned in item #3.....	1,800.00
6. Replastering & Tinting of the interior of the Administration Bldg.....	200.00
7. Replastering & Repairing exterior of Administration Bldg.....	2,000.00
Replastering & Repairing exterior of H. A. Bldg.	1,500.00
Replastering & Repairing exterior of Creamery	2,500.00
8. Repairs to Sewer System.....	800.00

9. Completion of Physics & Chemistry Lab.

a. Chemistry Department

1. Painting (including labor)	50.00
2. Desks	80.00
3. Chairs 30 at \$3.50	105.00
4. Sinks 4 " 20.00	80.00
5. Toilet & Fixtures	25.00
6. Fan Electric	50.00
7. Still	25.00
8. Boilers, Bottles, Glassware, Thermometers, Burners	200.00
9. Lamp Stands, Champs & Balances	60.00

10. Freehand Drawing Room

b. Physics Department.

1. Painting, (including labor)	50.00
2. Tables 3 at \$15.00	45.00
3. Chairs 30 " 3.50	90.00
4. Sinks 6 " 20.00	120.00
5. Toilets & Fixtures	25.00
6. Electric Instruments	125.00
7. Sundry equipment for Mechanics Heat, Light, Sound	150.00

11. Physical Geography Laboratory

10. Freehand Drawing Room.

1. Enlarging room	80.00
2. More locker space	30.00
3. Venetian blinds	30.00

11. Physical Geography Laboratory

d. Physical Geography Equipment.

1. 1 Maximum and minimum theromometer	\$4.50
2. 1 Mercurial barometer	18.00

3.	1 Sling Psychrometer	2.00
4.	1 Model of solar system	3.00
5	Maps and charts	75.00
6.	Case for equipment	20.00
		95.00

12. History, Language and Music

e. History Equipment

1.	Maps and slides	20.00
2.	Charts	25.00

f. Language Equipment

"tabulae" with Test (Stephanus Cybodusky)	25.00	25.00
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g. Music Equipment

Instruments for Orchestra & band	200.00	200.00
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13. Class Rooms.

Repairs to chairs & Blackboards	200.00
12 sections of Blackboards	75.00
75 Class Room chairs	350.00
150 Folding chairs	150.00
300 Window shades	300.00
200 " Screens	250.00

14. Boys' Dormitory

75 Steel Beds	750.00
100 Bed room chairs	150.00
Wainscoting in all Halls to rooms 5 ft. high	900.00

15. Power Plant.

New roof on bldg.	400.00
Elec. meeters	350.00
1 Elec. Generator	1,500.00
Extention of one wing for a hydraulic Laboratory	1,500.00
Hydraulics Equipment	1,000.00
1 Surface Condenser	750.00
Repairs to steam Heating lines	500.00
" " Elec. Trans. lines	500.00
Hoppe water purifier	600.00

16. Dairy Barn

Roof on Dairy Barn	450.00
Feed shed for heifers & Dairy Cows	700.00
" " " milk cows	700.00
Re-roofing & flooring of Bull barns	450.00
" " " " " "	350.00
One silo	480.00
Closing off of hay loft	300.00
Silage cutter & distributer	150.00
Completion of Sanitary milk room already partially built	500.00
Installation of gas in milk room for sterilization of containers	250.00
Low Stanchions	150.00

Ranch.

Plows, Discing machines, harvester, wagons etc.	1,500.00
Catipiller, Traction Engine	3,000.00
Wagon shed	500.00
Farm Machinery Shed	500.00
Cement drains for irrigation fields	1,000.00
Fencing for the ranch	1,000.00
Laying out, fencing, draining & piping for irrigation of Experimental plots	1,200.00
Cottage for Farm foreman	800.00
Repair of and replacement of Greenhouse Frames	1,500.00
Construction of protectors for banks of Creeks to prevent erosion & loss of land	1,000.00

Animal Industry.

Poultry Breeding house	1,000.00
Incubators & Repairs of present machines	150.00
Brooders " " " " brooders	500.00
Repairs to present Poultry Houses	600.00
Hog Fences & Stallion Pens	300.00
Slaughter house & small meat curing annex	1,500.00
Repairs to foundation, floor & roof of present Feed stock house including setting of mill and electric motor, foundations etc.	1,200.00
Stock quarantine & veterinary shed, includ- ing pens, drains, sewer connections and all accessories	1,500.00
Horse barn to displace hovels & provide shelter for stock	8,000.00

Live Stock.

Breeding Stock

Breeding Bulls	5,000.00
Jersey & Holstein Females	3,000.00
Stallions	5,000.00
Hogs	<u>2,000.00</u>
Total	15,000.00

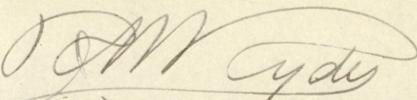
Water System

Completion of Permanent Waterystem	40,000.00
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Shop Building

Shop Buildings to displace present condemed buildings	20,000.00
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Respectfully submitted,


D.W. Lydy
Director of California Polytechnic School.

REPORT OF THE SECRETARY OF THE BOARD OF TRUSTEES.

To the Board of Trustees:

The report submitted herewith is in the main a financial statement covering the biennial period beginning July 1, 1914, and ending with June 30, 1916. The foregoing report of the Director contains a record of resignations and appointments, together with descriptive matters concerning the various departments of the school, various improvements, and an estimate of needed expenditures for the biennial period beginning July 1, 1917.

BOARD OF TRUSTEES.

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E x o f f i c i o .

His Excellency, Hiram W. Johnson Sacramento.
Governor of California.
Hon. Edward Hyatt Sacramento.
Superintendent of Public Instruction.

Appointed Trustees.

Archibald McNeil, Esq.....	Santa Maria.
	Term Expires 1914.
Edward Simpson, Esq.....	Pacific Grove.
	Term Expires 1919.
William Shipsey, Esq.....	San Luis Obispo.
	Term Expires 1919.
L. F. Sinsheimer, Esq.....	San Luis Obispo.
	Term Expires 1916.
Irwin J. Muma, Esq.....	Los Angeles.
	Term Expires 1919.

Officers of the Board.

Archibald McNeil..... President.
William Shipsey Vice-President
R. W. Ryder Secretary.
Commercial Bank of San Luis Obispo..... Treasurer.

Finance Committee.

Trustees Shipsey (Chairman), Simpson and Sinsheimer.

APPROPRIATIONS --- LEGISLATURE OF 1915.

Salaries	\$ 75,000.00
Support	30,000.00
Grounds	7,000.00
Library	1,700.00
Printing	1,500.00

SPECIAL APPROPRIATIONS ---LEGISLATURE OF 1915.

Chapter 291, Water System	20,000.00
Chapter 290, Repairs & Equipment	15,000.00

The above special funds were handled by the State Department of Engineering. No report on these funds can therefore be made by the Secretary.

FINANCIAL STATEMENT.

STATEMENT OF DISBURSEMENTS APPLYING ON THE 65th and 66th Fiscal Years,
for the Period July 1, 1914 to June 30, 1915.

Salaries	Total	65th F. Y.	66th F. Y.
Administration	\$5,357.46	455.00	4,902.46
Faculty	24,945.51	2,126.67	22,818.84
Farm	960.00	80.00	880.00
Dairy	840.00	70.00	770.00
Creamery	1,080.00	90.00	990.00
Grounds	960.00	80.00	880.00
Power House	1,075.00	85.00	990.00
Janitor	2,124.40	155.88	1,968.52
Messenger	699.33	68.33	631.00
Carpenter	958.00	78.00	880.00
Matron	575.00	75.00	500.00

	Total	65th F. Y.	66th F. Y.
General.			
Printing	892.85	22.20	870.65
School Supplies	241.46	102.58	138.88
Office Expense	395.25	38.00	357.25
General Expense	460.04	121.27	338.77
Stove Wood	412.50		412.50
Travelling Expense	208.36	32.81	175.55
Telephones & Telegrams	254.48	20.04	234.44
Trustees' Expense	138.30	37.65	100.65
Freight & Express	105.81	22.47	83.34
Smithing	268.25	24.95	243.30
Repairs Buildings	846.67	156.15	690.52
Repairs Equipment	175.32	39.82	135.50
Equipment	438.74	3.10	435.64
Exposition Expense	485.87		485.87
Farm.			
Labor	1,127.20	141.20	986.00
Supplies	599.89	103.05	496.84
Expense	144.22	28.00	116.88
Equipment	386.01	4.90	381.11
Dairy.			
Labor	1,309.89	132.54	1,177.35
Supplies	3,459.72	154.96	3,304.76
Expense	256.45	7.00	249.45
Power House.			
Labor	853.00	37.50	815.50
Fuel	1,823.67	226.78	1,596.89
Expense	465.49	179.02	286.47
Poultry.			
Labor	85.55	11.15	74.40
Expense	52.59		52.59
Feed	144.80	18.55	126.25
Stock	135.00		135.00
Creamery.			
Labor	14.90		14.90
Supplies	109.78	5.50	104.28
Cream	6,850.05	209.08	6,640.97
Expense	188.25	24.45	163.80
Equipment	148.20		148.20
Dining Hall			
Labor	2,050.83	223.80	1,827.03
Supplies	4,706.61	693.51	4,013.10
Expense	573.70	73.00	500.70
Laundry	135.36	33.66	101.70
Laboratory.			
Supplies	1,388.19	25.23	1,362.96
Expense	176.89	44.80	132.09
Equipment	3.50		3.50
Dormitory.			
Labor	494.15	39.80	454.35
Expense	292.91	29.51	263.40

	Total	65th F.Y.	66th F. Y.
Library.			
Salary	154.88	30.00	124.88
Books	155.66	13.94	141.72
Papers and Magazines	88.60	9.00	79.60
Expense	35.35		35.35
Equipment	226.81		226.81
Advertising	5.00		5.00
Music	2.00		2.00
Grounds.			
Labor	2,137.60	189.35	1,948.25
Pumping Expense	9.25		9.25
Plants and Seeds	243.16	.55	242.61
Expense	365.44		365.44
Supplies	159.63		159.63
Equipment	536.39		536.39
Improvements	292.50	97.50	195.00
Furniture	803.45	169.14	634.31
Water System	919.85		919.85
Repairs & Improvements	1,132.01		1,132.01
Extension Heating System	48.92		48.92
Total	\$80,191.90	\$ 6,941.39	\$ 73,250.51

STATEMENT OF INCOME AND EXPENSE OF CREAMERY

for the Period July 1, 1914 to June 30, 1915.

INCOME.

Receipts, July 1, 1914 to June 30, 1915	7,132.73	7,132.73
Less Sale of Second Hand Boiler	50.00	7,082.73
" Accounts Receivable, July 1, 1914		72.22
		7,010.51
Add Accounts Receivable, June 30, 1915		671.54
" Deliveries to Interdepartments		1,079.70
Total Sales		8,761.75
Add Inventory of Cheese, June 30, 1915		7.00
		8,768.75
Less Inventory, July 1, 1914		402.00
Net Manufactured July 1, 1914 to June 30, 1915		8,366.75
Excess of Expense over income 7/1/14 - 6/30/15		1,102.55
		9,469.10

EXPENSE.

	Disbursements Period 7/1/14- 6/30/15	Received from Interde- partments.	Unpaid Claims Period 7/1/14- 6/30/15	Total Expense
Salary, Buttermaker	990.00		90.00	1,080.00
Labor	14.90		3.10	18.00
Expense	163.80		9.60	173.40
Supplies	104.28	16.42	39.70	160.40
Cream	6,640.97	246.89	1,001.24	7,889.10
Equipment Expense	148.20			148.20
	8,062.15	263.31	1,143.64	9,469.10 9,469.10

NOTE:

Salary of instructor of Creamery at \$125.00 per month is not included in the above figures, nor are any expenses of administration, supervision or depreciation. The salary of the messenger, amounting to \$688.00, for the period July 1, 1914 to June 30, 1915, (who spends at least half of his time on creamery work), is not included in the above figures.

Amount of \$100.00 due from Geo. W. Morehouse Co. of San Francisco, is not included in Accounts Receivable, being considered a doubtful collection.

ANALYSIS OF DISBURSEMENTS.

APPLYING ON 65TH, 66TH, AND 67TH FISCAL YEARS.

For the Period July 1, 1915 to December 31, 1915.

	67TH FIS. YEAR	TOTAL 65TH & 66TH F.Y.	66TH FISCAL YEAR	65TH FISCAL YEAR.
SALARIES:				
Administration	2,149.85	10,965.83	5,395.83	5,570.00
Faculty	11,198.80	50,196.55	24,925.01	25,271.54
Farm	240.00	1,920.00	960.00	960.00
Dairy	166.66	1,746.00	840.00	906.00
Creamery	375.00	1,620.00	1,080.00	540.00
Grounds	210.00	1,920.00	960.00	960.00
Power House	470.00	2,100.00	1,080.00	1,020.00
Janitor	557.40	3,992.67	2,061.47	1,931.20
Messenger	297.00	1,536.94	688.00	848.94
Carpenter	400.00	1,424.00	962.00	462.00
Matron	300.00	1,120.00	550.00	570.00

	67TH Fis. Year	TOTAL 65TH and 66TH F.Y.	66TH Fiscal Year	65TH Fiscal Year.
GENERAL:				
Printing		1,351.88	1,061.31	290.54
School Supplies	10.75	274.37	138.88	135.49
Office Expense	110.67	968.11	377.25	590.86
General Expense	388.23	1,405.33	443.87	961.46
Stove Wood		412.50	412.50	
Travelling Expenses	64.72	377.55	199.79	177.76
Telephones & Telegrams	55.10	498.78	281.50	217.28
Trustee Expense	102.35	270.36	139.81	130.55
Freight & Express	50.05	211.64	126.43	85.21
Smithing	36.28	465.00	247.70	217.30
Repairs Building	111.00	1,191.80	721.72	470.08
Repairs Equipment	31.63	342.04	137.55	204.49
Equipment	944.00	749.48	435.64	313.84
Exposition Expense		485.87	485.87	
Musical Instruments	398.44			
FARM:				
Labor	757.90	2,462.76	1,100.00	1,362.76
Supplies	1,708.38	2,647.64	853.40	1,794.24
Expense	251.19	582.78	116.22	466.56
Equipment		419.04	381.11	37.93
DAIRY:				
Labor	297.50	2,261.49	1,177.35	1,084.14
Supplies		5,340.40	3,400.76	1,939.64
Expense	4.16	501.97	256.45	245.52
POWER HOUSE:				
Labor	150.00	1,542.50	848.00	694.50
Fuel	320.14	3,574.90	1,813.35	1,761.55
Expense	320.00	673.92	287.64	386.28
POULTRY:				
Labor	219.70	135.60	112.20	23.40
Expense	8.00	93.56	52.59	40.97
Feed		166.70	136.25	30.45
Stock		135.00	135.00	
CREAMERY:				
Labor		47.00	18.00	29.00
Supplies	66.15	1,007.17	424.86	582.31
Cream	335.59	14,331.97	7,042.78	7,289.19
Expense	91.30	361.30	173.40	187.90
Equipment		148.20	148.20	
DUNING HALL:				
Labor	568.92	5,196.54	1,958.69	3,237.85
Supplies	708.04	10,028.71	4,410.37	5,618.34
Expense	34.49	644.65	500.70	143.95
Laundry		327.14	121.01	206.13
LABORATORY:				
Supplies		2,571.60	1362.96	1,208.64
Expense		328.63	132.09	196.54
Equipment		238.30	3.50	234.80

	67TH FISCAL YEAR	TOTAL 65TH and 66TH F.Y.	66TH FISCAL Year	65TH FISCAL YEAR.
DORMITORY:				
Labor	143.33	999.51	482.68	516.83
Expense	87.40	500.96	291.07	209.89
LIBRARY:				
Salary	355.00	484.88	124.88	360.00
Books		302.18	141.72	160.46
Papers & Magazines		185.65	79.60	106.05
Expense		53.60	48.60	5.00
Equipment	52.75	230.56	226.81	3.75
Advertising		11.00	5.00	6.00
Music		9.93	2.00	7.93
GROUNDS:				
Labor	778.50	4,047.64	2,083.45	1,964.19
Pumping Expense	151.18	508.92	9.25	499.67
Plants and Seeds	22.43	427.78	276.66	151.12
Expense	3.20	502.86	365.44	137.42
Supplies		159.63	159.63	
Equipment	123.38	1,103.24	536.39	566.85
Improvements		412.00	195.00	217.00
DOMESTIC SCIENCE:				
Supplies		21.27	21.27	
Expense	1.00	2.35	2.35	
CARPENTER SHOP:				
Supplies	80.73			
Garden		2.55		2.55
Furniture		3,390.60	634.31	2,756.29
Water System	292.75	4,708.52	919.85	3,788.67
Repairs & Improvements	7,382.20	9,856.38	1,132.01	8,724.37
Extension Heating System		4,000.00	48.92	3,951.08
Farm Implements		118.98		118.98
Shop Equipment		34.64		34.64
Equipment Dining Hall & Kitchen		79.50		79.50
Barns Construction & Equipment		172.36		172.36
Poultry Houses		10.00		10.00

Total 33,963.24 175,653.66 79,465.90 96,187.76

STATEMENT OF INCOME AND EXPENSE OF CREAMERY.

For the Period July 1, 1915 ot December 31, 1915.

INCOME.

Receipts, July, 1915 to Dec. 31, 1915	1,441.16
Add Accounts Receivable Dec. 31, 1915	749.58
Add Deliveries to Inter-departments	<u>246.43</u>
	\$ 2,437.17
Less Accounts Receivable June 30, 1915	<u>671.54</u>
Total Sales	1,765.63
Add Inventory Dec. 31, 1915, 56# Butter @ 33¢	<u>18.48</u>
	1,784.11
Less Inventory June 30, 1915	<u>7.00</u>
Net Manufactured July 1, 1915 to Dec. 31, 1915	1,777.11
Excess Expense over Income 7/1/15 to 12/31/15	<u>1,004.73</u>
	\$ 2,781.84

EXPENSE.

	Disbursements 7/1/15 to 12/31/15	Received from Inter- Departments	Unpaid Period 7/1/15 to 12/31/15	Total Expense
Salary - Buttermaker	375.00		125.00	500.00
Labor				
Expense	91.30		7.71	99.01
Supplies	66.15			66.15
Cream	335.59	103.24	1,540.48	1979.31
Equipment Expense			137.37	137.37
	868.04	103.24	1,810.56	2781.84
				2,781.84

FINANCIAL STATEMENT 1915 and 1916.

Complete

	1915	1916
SALARIES APPROPRIATION		35,000.00
Balance	38,140.68	
Administration	5,075.83	6,537.88
Faculty	28,673.80	28,574.60
Employees	4,390.00	2,381.66
Balance	00	5.86
GROUND APPROPRIATION		3,500.00
Balance	3,751.15	
Expended	3,596.57	3,452.94
Balance	154.58	37.06
LIBRARY APPROPRIATION		850.00
Balance	903.75	
Expended	668.30	738.16
Balance	235.45	111.84
PRINTING APPROPRIATION		750.00
Balance	931.63	
Expended	892.85	750.00
Balance	38.78	00.00
SUPPORT APPROPRIATION		15,500.00
Balance	15,512.60	
Expended	14,565.76	15,040.31
Balance	948.22	459.63
CONTINGENT FUND BALANCE	6,262.17	7,225.80
RECEIPTS:		
Dining Hall & Dormitory	9,011.15	7,286.88
Cremery, Dairy, Animal Industry and Farm	14,326.70	15,785.41
Expended	22,374.22	27,173.02
Balance	7,225.80	3,125.07
SPECIAL APPROPRIATIONS		
Equipment, Chsp. 291-1915		4,000.00
Expenditure		3,923.86
Balance		76.14
Furniture, Chsp. 512-1911, Balance	803.45	

B I E N N I A L V A L U A T I O N O F P R O P E R T Y.

Area of Grounds, acres	311.04
Value of Grounds, Shrubs, Orchards, Roads;	
Water, Sewer & Heating System	272.909.00
Value of Buildings	186.100.00
Value of Furniture	11.000.00
Value of Apparatus	68.000.00
Value of Stock & Tools	17,400.00
Value of Library	<u>3,252.25</u>
Total	558.661.25

Expenditure	803.45
Balance	0.00

RECAPITULATION,

Total Receipts	89.643.93	89,898.09
Total Expenditures	<u>81,041.78</u>	<u>88,582.43</u>
Unexpended Balance	8,601.45	1,315.66
Total Value of Property		558,661.25
Total Books in Library	3,500	3,600

Respectfully submitted,

Secretary of the Board of Trustees
of the California Polytechnic
School.

7-3

17th Biennial
Report
1914-16

File Copy of Sale
8-4-11