

PWA ITEMS, continued

6. Bids on various equipments for hospital:

Sterilizers

G. A. Ingram Company	\$ 1,475.00
American Sterilizer Company	1,482.00
Scanlan-Morris Co.	2,371.55

G.A.Ingram
given bid
on Sterili-
zersX-Ray Equipment

Westinghouse X-Ray Inc.	4,282.00
General Electric	5,725.00
Evans Sherratt Company	5,992.18
Picker X-Ray Corporation	6,080.00

Westinghouse
on X-Ray
equipment.Physiotherapy

Westinghouse X-Ray, Inc.	938.70
G. A. Ingram Company	1,350.00
A. Kuhlman & Company	1,684.30

G.A. Ingram
on Physio-
therapyRefrigeration

Barker-Fowler Electric	1,587.00
L. C. Pemberton	1,677.00
Gold Star Products Co.	1,790.00
Kelvinator	1,915.00
Detroit Ice Machine Company	2,170.00

Barker-Fowler
on refrigera-
tion.

On motion of Mr. Brody, seconded by Mr. Downing, it was voted to approve awarding the contracts to the low bidder in each case except the physiotherapy which is awarded to the second low bidder, due to unsatisfactory performance of Westinghouse equipment.

7. Bids on the auditorium will be opened on March 8th. A special meeting of the Board is suggested to consider these bids.

The Board meeting adjourned at 2:30 P.M., to meet in special session March 8th at 2:00 P.M.

Robert S. Shaw
President
John A. Hannah
Secretary

Minutes of the
Meeting of the State Board of Agriculture
March 8, 1939

Present: Mr. Halstead, Chairman; Mr. Berkey, Mr. Brody, Mr. Downing, Mr. Jakway; Mrs. Masslink; President Shaw; Treasurer Wilkins; Secretary Hannah.

Absent: Dr. Elliott

The meeting was called to order at 2:45 P.M.

The Minutes of the previous meeting were approved.

RESIGNATIONS, APPOINTMENTS, AND LEAVES

Resignations

1. Resignation of Miss Evelyn Hensel, First Assistant Cataloger in the Library, effective April 1, 1939. Miss Hensel has accepted a position as Head Cataloger in the Library at Pennsylvania State College.

2. The following recommendations have been made to take care of the vacancy in the Library:

Appointments

- a. Appointment of Miss Marjorie Vivian as First Assistant Cataloger at a salary of \$1900 per year (same salary as Miss Hensel's), effective April 1, 1939. Miss Vivian is now Associate Reference Librarian at a salary of \$1750 per year.
- b. Appointment of Mr. Merrill Jones as Associate Reference Librarian at a salary of \$1750 per year, effective April 1, 1939. Mr. Jones has been serving as half-time graduate assistant (Evening Reference Librarian), and it is recommended that the balance of his

RESIGNATIONS, APPOINTMENTS, AND LEAVES, continued

2. (Continued)

Appointments

b. (Continued)

- salary of \$600 be added to the maintenance budget of the library to be spent for supplementary student help for the remainder of the year.
3. Appointment of Edward C. Pagel as District Club Agent for Mason, Lake, Osceola, and Wexford Counties at a salary of \$1800 per year, effective March 15, 1939. Mr. Pagel will replace L. B. Thomas whose resignation has been accepted (salary \$2100).
 4. Appointment of Dr. H. L. Barnett as assistant professor in Botany for one year only at a salary of \$2400 per year, effective September 1, 1939. Dr. Barnett will replace Dr. Bessey during his leave of absence.
 5. Appointment of Miss Agnes Coulson as stenographer in the Horticulture Department at a salary of \$1080 per year, effective April 1, 1939. This is an additional position. Miss Coulson has been working in the Central Stenographic Office at the same salary.
 6. The following recommendations have been made to take care of the vacancy left by the transfer of R. E. Decker from Farm Crops Extension work:
 - a. That H. C. Moore, Assistant Professor and Research Associate in Farm Crops, be recognized as leader of Farm Crops Extension project and that his salary be increased from \$3600 to \$3800 per year, effective April 1, 1939.
 - b. That G. F. Wenner, Extension Specialist in Farm Crops, be given the added responsibility of the seed improvement work and that his salary be increased from \$2800 to \$3400 per year, effective April 1, 1939.
 - c. That Alvin A. Johnson, Assistant in Research in Farm Crops, be appointed as Extension Specialist in Farm Crops and that his salary be increased from \$1800 to \$2500 per year, effective April 1, 1939.
 7. Appointment of Mrs. Edna Braamse for the period March 15 to April 30, 1939, as an assistant to help with 4-H County Achievement Days, at \$150 per month.
 8. Appointment of Joe Schultz as temporary Extension Specialist in Vegetable Gardening in the Upper Peninsula for the period April 1 to May 31, 1939, at a salary of \$125 per month, payable from Extension funds.
 9. Appointment of L. D. Barnhart as visiting teacher in the six-week summer session for Radio Dramatic Production, at a salary of \$450 for the six weeks.
 10. See bottom of page.
 11. Increase in rating of Gale E. Wells from quarter-time to half-time graduate assistant in Chemistry for the spring term.

Leaves

12. Leave of absence with pay for Dr. E. L. Austin, Head of the Education Department, for the spring term of 1939.
13. Leave of absence with pay for Julia Pond, Marian Moore, and Alice Hertzler from May 15 to July 5 to attend the London conference of the Association of County Women of the World.

On motion of Mr. Downing, seconded by Mr. Halstead, it was voted to refer items 5, 6 and 12 to the President with power to act.

On motion of Mr. Brody, seconded by Mr. Downing, it was voted to approve items 1, 2, 3, 4, 7, 8, 9, 10, 11 and 13.

Travel

TRAVEL

1. Out-of-state travel authorization for A.R. Marston to appear on a radio program in Cincinnati, Ohio, on March 4, without expense to the College.
2. Out-of-state travel authorization for D. G. Ebinger to attend a rural electrification school in Fulton, Ohio, on March 2 and 3, without expense to the College.
3. Not to exceed \$15 for H. L. R. Chapman to attend the International Flower Show in Toronto on March 20-22.
4. Out-of-state travel authorization for Earl Weaver to attend the State Dairymen's meeting at Cheboygan, Wisconsin on March 21, without expense to the College. Also that Mr. Weaver be authorized to incur such expenses as may be necessary to inspect three bulls which are being considered for the College herd, expenses to be paid from Special Cattle funds.
5. First-class railroad and pullman fare for Ray Hutson to attend a meeting of the North Central States Entomologists at St. Paul, Minnesota, March 23 and 24; expenses to be paid from Experiment Station funds allotted to the Entomology Department.
6. Full expenses for A. A. Applegate to attend a regional educational conference being called by the Agricultural Adjustment Administration in Chicago on March 23 and 24; expenses to be paid from Extension funds.
10. Discontinuance of William Wasson and Loraine Rauls as quarter-time graduate assistants in Chemistry for the spring term (effective at the end of the winter term).

TRAVEL, continued

7. Out-of-state travel authorization for James Porter and R. J. Baldwin to attend the educational conference in Chicago. Their expenses will be paid from federal funds. Travel
8. Full expenses for E. N. Huby to attend a short course in photography at Kent University, Kent, Ohio, on March 29 to April 1; expenses to be paid from the photographic revolving fund.
9. Full expenses for B. F. Van Alstyne to attend the Annual National Basketball Coaches Association meeting to be held in Chicago on March 31 and April 1; expenses to be paid from the basketball budget.
10. Automobile mileage for one car for three members of the Experiment Station staff in Chemistry to attend the annual meeting of the American Chemical Society in Baltimore, Maryland, April 3-7; expenses to be paid from Experiment Station funds.
11. Full expenses for Miss Marie Dye to attend a special committee meeting to set up standards for evaluation on home economics departments in colleges in Washington, D. C., April 7 and 8, in Chicago, April 10-15.
12. Request for travel and maintenance expenses for Dean F. T. Mitchell to attend the National Association of Deans of Men meeting in Roanoke, Virginia, April 13, 14, 1939.

On motion of Mr. Brody, seconded by Mr. Downing, it was voted to approve the Travel requests.

MISCELLANEOUS

1. Payment of dental bill (approximately \$10) for Peter Trogan, a short course student who was injured in a boxing class. Dental bill for Peter Trogan
2. Payment of \$27 to Luther Marine, Buildings and Grounds employee who lost four days' time due to an accident to his eye when welding on some galvanized iron. Accident report Luther Marine
3. Approval of agreement with the Barrett Company of New York City whereby they will place at the disposal of the Soils Department \$200 for expenses in connection with the conducting of demonstrations in the use of sulphate of ammonia as a topdressing on wheat and other crops on Michigan soils. Agreement Barrett Co.
4. Approval of agreement with the Dow Chemical Company whereby they will deposit \$200 with the College for expenses in connection with the conducting of spraying tests of Dowspray Dormant against insect pests on ornamental, shade, and orchard plants. Agreement Dow Chem. Co.
5. Acceptance of check for \$500 from the Mathieson Alkali Works, Inc., of New York City to continue research with chlorine with special reference to the value of synthetic detergents in hypochlorite solutions. Check from Mathieson Alkali Works
6. Approval of memorandum of understanding with the Tennessee Corporation of Atlanta, Georgia, whereby they agree to deposit \$200 with the College for expenses in connection with spraying tests of copper-containing compounds on certain orchard fruits in Michigan. Agreement Tennessee Corp.
7. Request that an additional \$2000 be appropriated for the Plan of Grounds section for the balance of the fiscal year. \$2000 added to Plan of Grounds
8. It is recommended that the \$5000 gift from W.K. Kellogg be used as follows:

For the Farm:		
For additions and replacements to machinery		\$300.00
To repairs and installation of new refrigerating unit in milk house		400.00
To complete machine shed		300.00
To set trees and pay for labor on new Forestry unit at Kellogg Farm		500.00
		\$2000.00
For the Sanctuary:		
Rest Rooms and barn, WPA project		1200.00
Top dressing visitors paths, new steps		200.00
Building concrete bridge		100.00
Additional entrance landscaping or smaller fence jobs		200.00
Bird food plantings, of fruit bearing shrubs and aquatics		200.00
Dynamiting channels in swale		50.00
Sanctuary pamphlets, poster, and post card funds		500.00
Painting museum backgrounds, etc.		200.00
Photographic equipment		300.00
Leica camera and lens	\$200	
Enlarger	70	
Synchronized photo flash	30	
Office and Laboratory storage cabinets		50.00
		\$3000.00

\$5000 gift from Mr. Kellogg to be used for Kellogg Farm and Bird Sanctuary

On motion of Mr. Brody, seconded by Mr. Downing, it was voted to approve Miscellaneous Items 1 to 8 inclusive.

MISCELLANEOUS, continued

Ordinance to regulate selling in Union approved.

9. Approval of ordinance regulating soliciting in the Union and on the campus, prepared by Mr. Ballard, College attorney, as authorized at the last Board meeting.

On motion of Mr. Brody, seconded by Mr. Halstead, it was voted to approve the ordinance as submitted by Mr. Ballard.

Travel Miss Peterson - Cleveland, O.

PRESIDENT'S REPORTS

Mr. Proulx Chicago.

1. Full expenses for Miss Mabel Petersen to attend the meetings of the Association of Deans of Women at Cleveland, Ohio, February 20-24.
2. Full expenses for B. R. Proulx to attend the Midwest Hotel Show in Chicago on March 7-10.
3. Acceptance of the picture "Saint Cecelia" from John W. Beaumont.

Acceptance picture St. Cecelia, from Mr. Beaumont.

On motion of Mr. Brody, seconded by Mr. Downing, it was voted to approve the President's Reports.

Recommendation

SECRETARY'S ITEMS

for lease & purchase option on following properties - Patton Clever Beaumont Bennett

1. Inspection by the Board of the following farm land recommended for lease and purchase option by the Division of Agriculture:
 - a. From John W. Patton, 30-acre lease - \$10.00 per acre, purchase option \$9,000.00.
 - b. From Frank Clever, 30-acre lease - \$10.00 per acre, purchase option \$9,000.00.
 - c. From Ed Beaumont, 80-acre lease - \$10.00 per acre, purchase option \$20,000.00.
 - d. From Dell F. Bennett, 80-acre lease - \$10.00 per acre, purchase option \$20,000.00.

On motion of Mr. Berkey, seconded by Mr. Downing, it was voted to authorize the President and Secretary to lease for ten years with purchase options as recommended the above-described pieces of farm land.

Boys' State asks for refund of cost of B. & G. services

2. Communication from the American Legion, State Branch, asking for a refund of the cost of Buildings and Grounds Services in connection with the Wolverine Boys' State.

On motion of Mr. Brody, seconded by Mr. Downing, it was voted to approve a cancellation of Buildings and Grounds services for 1939 Wolverine Boys' State.

Purchase of 75 acres adjacent to Kellogg Forestry Tract approved.

3. In the first gift of \$5,000 from Mr. Kellogg in October, \$1500.00 was set aside for the purchase of a farm adjacent to the Kellogg Forestry tract. It is now recommended that the Board approve the purchase of 75 acres from the estate of Clarence Bovie, the estate of Henrietta Bovie, Zella Lance, William T. Bovie and wife and Addie Clark described as follows: N $\frac{1}{4}$ of the N $\frac{1}{4}$ of Section 27, T 1S, R 9W, excepting therefrom about five acres off the west and lying west of the Ross Center Road containing 75 acres more or less. Purchase price - \$1400 for 75 acres.

On motion of Mr. Downing, seconded by Mr. Brody, it was voted to approve the above item.

approval of new location of boundary fence at Bird Sanct.

4. Approval by the Board of the new location of the boundary fence separating the Bird Sanctuary and the Kellogg Farm as approved and mutually agreed upon by the President, Dean of Agriculture, Dean of Applied Science, Director of the Bird Sanctuary and Superintendent of the Kellogg Farm.

On motion of Mr. Brody, seconded by Mr. Berkey, it was voted to approve the above item.

Approval of assessment at South Haven

5. Communication from Stanley Johnston, Director of the South Haven Station explaining the situation relative to the paving of the road for which an account was presented to the Board for payment at the December 15, 1938 meeting in the amount of \$805.20. Mr. Johnston and Director Gardner recommend that they be allowed to pay one-half the total cost from this year's budget for the South Haven Station and one-half from next year's budget.

On motion of Mr. Jakway, seconded by Mr. Brody, it was voted to approve the request of Director Gardner and Mr. Johnston.

Jenison estate left to College.

6. The will of the late Fred C. Jenison of Lansing names Michigan State College as sole beneficiary of his estate and asks the appointment of John A. Hannah, Secretary, as executor. The hearing on the petition for the admission of the will to probate is scheduled for March 22nd in the Ingham Probate Court. The petition before the Probate Court estimates the total value of the estate at \$125,000.00. It will probably be far in excess of that amount.

Research Poultry Lab. given privilege of first aid facilities.

7. Request from Dr. J. Himes Martin, Director of the U. S. Poultry Research Laboratory, that they be allowed first aid facilities of the College Hospital to be charged to their laboratory on a cost basis.

On motion of Mr. Downing, seconded by Mr. Brody, it was voted to approve the above request.

Report on frost damage at Chatham

8. Report on the probability of serious frost damage to the 4-H Club buildings at Chatham.

No action.

9. Communication from the Lansing Board of Electric Light and Water on the costs of providing necessary connections to provide electricity for the new buildings now under construction at a total cost of \$15,900 plus the necessary trenching.

SECRETARY'S ITEMS, continued

9. (Continued)
No action.

Purchase of new bus referred to Pres. Sec. & Treas.

10. Consideration of the purchase of a new bus at an estimated cost of approximately \$6,000.00.

On motion of Mr. Berkey, seconded by Mr. Brody, it was voted to refer the above item to the President, Secretary, and Mr. Wilkins, with power to act.

PWA ITEMS

1. Resolution authorizing a change order to Alfred Smith, Contractor on Campbell Hall to provide vacuum cleaner controls on the upper floors of this building, also authorizing additional wiring for dry mop cleaners at a total additional cost of \$205.72.

Change order to Alfred Smith for \$205.72 approved.

On motion of Mr. Berkey, seconded by Mr. Halstead, it was voted to approve the above resolution.

WHEREAS, the plans and specifications for Louise H. Campbell Hall (Women's Dormitory, Mich. 1581-F) failed to make proper provision for wiring controls on the vacuum cleaner motors to the janitor's closet on each floor; and to provide proper wiring for dry mop cleaners on each floor; and

WHEREAS, switch controls in these janitors' closets are desirable, and the additional wiring and controls are also desirable; and

WHEREAS, the Alfred A. Smith Company, contractors on this job offer to install these switches and necessary electrical wiring at an additional cost of \$205.72; and

WHEREAS, this seems to be a reasonable price,

NOW, THEREFORE, BE IT RESOLVED that the State Board of Agriculture at its meeting on March 8th does hereby authorize the inclusion of this additional wiring and instructs the architects, Malcomson, Calder and Hammond to take the proper steps to secure the approval of the Public Works Administration.

2. At the January meeting, the Board approved the completion of the basement of the Veterinary Clinic Addition to accomodate Dr. Huddleson's work at a cost of \$10,000.00. The total cost of this work is now determined to be \$13,452.12. Bowd-Munson should issue the change order to Dorr D. Granger Construction Company for this amount.

Additional work in basement of Vet. Clinic approved.

On motion of Mr. Berkey, seconded by Mr. Halstead, it was voted to approve the above, which includes an appropriation of an additional \$3452.12.

3. Bids were opened as follows on the Auditorium, Mich. Project 1200-F, on March 8th at 2 o'clock:

Contractor	Base Proposal	Alternates		
		1	1A	2
Reniger Const. Co.	\$933,969.00	\$4057	\$8,500	\$1485
Christman Const. Co.	939,263.00	4864	10,580	2412
Spence Brothers Co.	946,600.00	4000	8,600	225
J. A. Utley Co.	949,000.00	4600	10,600	2400
A. W. Kutsche	952,500.00	4400	10,000	2400
Wermuth & Son	956,885.00	4290	10,610	3070
W. E. Wood	958,739.00	4213	10,687	2451
Bryant & Detwiller	975,686.00	4700	10,700	1500
A. A. Smith	984,740.00	6085	10,580	2427
Walbridge Aldinger	1,017,000.00	4500	10,000	2000

Bids opened on Auditorium

On motion of Mr. Brody, seconded by Mr. Jakway, it was voted to accept the first three alternates and proceed with the construction of the building as planned with the exception of these first three alternates.

On motion of Mr. Berkey, seconded by Mr. Downing, it was voted to authorize the Secretary to file an application to the Public Works Administration for a 45% grant for the additional money necessary to make possible the construction of the building. A total of \$275,000.00 additional financing is required. The following resolution was filed with the PWA:

PWA petitioned for 45% additional grant for auditorium.

WHEREAS, the State Board of Agriculture has previously accepted a grant from the Public Works Administration of \$337,000.00 and created a Construction Account and deposited therein \$412,500.00 of its own funds for the purpose of constructing an auditorium on the campus of Michigan State College; and

WHEREAS, a contract for the excavations and foundations was entered into with Jerome Utley of Detroit on November 14, 1938 for \$19,740.00, and

WHEREAS, unforeseen soil conditions necessitated a supplemental contract with the Utley Company and a second supplemental contract covering foundations and excavations on a unit price basis, the total additional cost now estimated to be approximately \$30,000 making the total cost of the foundations and excavations approximately \$50,000.00; and

PWA ITEMS, continued

3. (Continued)

WHEREAS, bids have been taken on the super structure at a public opening in accordance with PWA regulations on March 8, 1939 and the low bidder is the Reniger Construction of Lansing, Michigan with a bid including the acceptance of the first three alternates of \$919,927.00; and

WHEREAS, the State Board of Agriculture has decided it unwise to accept the additional alternates since the resulting building would entirely fail to fulfill the purposes for which the building is being constructed; and

WHEREAS, it is now required to arrange the financing of an additional \$275,000.00 before proceeding further,

NOW, THEREFORE BE IT RESOLVED to immediately request the Public Works Administration for an additional grant of 45% of \$275,000, or \$123,750.00 and the Secretary of the State Board of Agriculture is hereby instructed to immediately forward this request to the Public Works Administration and take such steps as are necessary to secure favorable action on this request by the Public Works Administration.

Ann Arbor Trust Company to secure additional financing for Aud.

On motion of Mrs. Masselink, seconded by Mr. Berkey, it was voted to authorize the Ann Arbor Trust Company to proceed to secure additional financing for the auditorium up to \$275,000.00 upon the same terms and conditions as the original financing.

Reniger to be awarded contract on Aud.

On motion of Mr. Halstead, seconded by Mr. Brody, it was voted to approve the awarding of the contract on the auditorium to the Reniger Construction Company, the low bidder, at \$919,927.00. The President and Secretary are authorized and instructed to sign the necessary contracts after the additional financing has been completed with the Ann Arbor Trust Company or the Ann Arbor Trust Company and the PWA.

The Board meeting adjourned at 5:00 P.M.

R. S. Shaw
President
John A. Hannon
Secretary

ADDITIONAL MISCELLANEOUS

1. Recommendation that diplomas be granted to those candidates for graduation and for advanced degrees who shall have completed the requirements at the end of the winter term, according to the Registrar's records as follows:

DIVISION OF AGRICULTURE
Degree: Bachelor of Science

a, Agriculture; l, Landscape Architecture

Donald Paul Anderson, a	Georgia Catherine Haerr, a	Harold Edward Rutherford, a
**Frank Oscar William Anderson, a	Alger Richard Hansen, a	Otto Glenn Smith, a
Carl LeRoy Bennett, a	Andrew Everett Johnson, a	William Roy Sprague, a
*Charles John Birkeland, a	Roberts Lawrence Lander, a	Howard Kling Strachan, a
Richard August Glaser, l	Jonathan Harrison Penfold, a	Reino Turunen, a

FORESTRY
Degree: Bachelor of Science

Kenneth Clinton Cavanaugh

DIVISION OF ENGINEERING

Degree: Bachelor of Science

m, Mechanical; c, Civil; e, Electrical; ch, Chemical

Donald Frederick Maskey, ch	Harry Warren Rigg, ch	Donald Lowell Spoor, e
Harold Thomas McGrath, ch	Seymour James Ryckman, c	David Tobin, ch
	Robert Owen Schaeffer, c	

DIVISION OF HOME ECONOMICS

Degree: Bachelor of Science

Genevieve Greenaway	Evelyn Louise Johnson	Mildred Abigail Nelson
Ferne Lucille Hamel	*Adelaide Rose Kooiker	Frances Stockham
Mae Isabel Hertel		Janet Barbara Sherratt

ADDITIONAL MISCELLANEOUS, continued

1. Degrees granted end of winter term, continued:

DIVISION OF APPLIED SCIENCE

APPLIED SCIENCE

Degree: Bachelor of Science

John Pardon Kellogg
**Robert Francis LergEdward Erle McDonnell
Alfred RitzJames Renwick Warren
Frank Warren White

PHYSICAL EDUCATION

Degree: Bachelor of Science

Russell Howard Reynolds, as of June 15, 1936

James Horace Wright

DIVISION OF LIBERAL ARTS

LIBERAL ARTS

Degree: Bachelor of Arts

**Eleanor Florence Andem
James Carroll Brown
William George InglesonArthur Guy Jenkins
James Kimball Jessop
Kenneth Gordon PinchJohn Spencer Pingel
Urban James Van Dyke
**Kathryn Crippen Warner

BUSINESS ADMINISTRATION

Degree: Bachelor of Arts

Richard Grant Bell
Max Elton EmmonsLloyd Melvin Ives
Hale Jackson MackayFelix Tsu Cheng Shen
**Virginia Belle Thompson

DIVISION OF VETERINARY SCIENCE

Degree: Doctor of Veterinary Science

Edwin Brooks Cavell, Jr.

Jack Stanley Shouba

MEDICAL BIOLOGY

Degree: Bachelor of Science

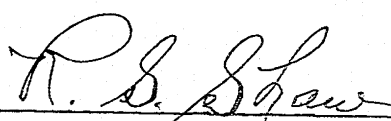
Sylvia Lela Laine

*With honor

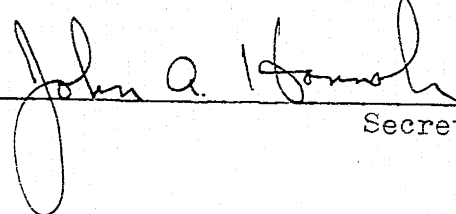
**With high honor

ADVANCED DEGREES

Master of Science

Frank Wright Littleford
Ernest L. McPherron
Robert John Patrick
Ben Nelson StuckeyChemical Engineering
Farm Crops
Bacteriology
Horticulture

President



Secretary