BULLETIN ARNARD

Vol. XI., No. 46

WEDNESDAY, FEBRUARY 20, 1907

PRICE, 5 CENTS

UNDERGRADUATE MEETING.

A regular meeting of the Undergraduate Association was held in the theater, association of the intention of student council to submit its decrees to the student body pleasure of the students.

and accepted as follows: Total expenses for | Southwest. the tea, \$84.79; received for the sale of

treasury, \$26.62.

The report of the play committee was McClurg gave a very clear representation made and accepted as follows: The play shall be "Old Heads and Young Hearts," by Boucicault; the coach shall be Engene B. friday afternoon and evening, April 26.

The executive committee submitted the

following report:

ARTICLE I. Rules of Conduct.

Section 1. After the second bell there shall be absolute quiet in the halls.

in the reading-room and in the hall directly outside the reading-room at all times.

Section 3. No one shall sit on any part of the name stairway.

Section 4. The members of the executive committee shall see that all self-government rules be enforced.

ARTICLE II. PENALTIES FOR BREAKING SELF-GOVERNMENT RULES.

Section 1. The first offense shall be reported to the executive committee.

Section 2. The second offense shall be punished by a fine of 50 cents.

Section 3. Further punishment will be according to the discretion of the executive committee.

ARTICLE III. BULLETIN BOARD.

Section 1. That \$25 be appropriated from the undergraduate treasury for a bulletin board.

Section 2. That the Undergraduate Association and the Barnard Union be the only organizations allowed to have posters at any other place than on this board.

Section 3. That special exceptions be made at the discretion of the executive committee.

ARTICLE IV. FIELD DAY.

Section 1. That's committee of five be appointed from among its own members by ray to serve one year. the Abletic Association for Field Day.

Section 2. That reports of the committee he made to the Undergraduate Associa-

ARTICLE V.

The the constitution of the Intercollegade Association for Student Governme the accepted and ratified by the Undergration of Barnard Col-

10, ned on page 3, second column)

BARNARD UNION.

On Wednesday afternoon, February 13, Mrs. McClurg gave an illustrated lecture Wednesday. February 13. The president on "Panoramic Colorado," at an open meetmade an address, in which she informed the ing of the Barnard Union. Mrs. McClurg and her husband have given a number of these lectures throughout the United States for approval, should a written petition be and Europe. Indeed, the knowledge of sent informing them that such was the their subject is based on first-hand information, since both have made many ex-The report of the tea committee was read plorations and discoveries in the historic

Beginning with pictures representing the tickets, \$58.17; amount to be paid from the Pueblos at the time of Cortez, and concluding with views of the present Pueblo, Mrs.

of her subject.

Many of the pictures were richly colored and very beautiful, but perhaps the most Sanger; the performance will be given interesting were those of the Pueblo houses, the pottery and woven articles. The pottery especially was very artistic, and, with the simple designs of the Indian blankets, show to what a high stage of development these uneducated people had attained.

Those who attended the lecture, thor-Section 2. There shall be absolute quiet oughly appreciated it and the Barnard Union is very grateful to Mrs. McClurg. It is rather a pity that more were not present to enjoy the views and their description.

Y. W. C. A.

At the weekly tea in Earl Hall on Monday, February 11th, Mrs. Benjamin Labaree, of Persia, was the guest of honor. A large number of girls came out to meet Mrs. Labaree informally. She described some very interesting features of her work, and the afternoon passed very pleasantly.

On February 14th there was an organization meeting of the Alumnæ members of the Y. W. C. A. This meeting had been called by the Alumnæ committee appointed last fall by the Y. W. C. A. president, consisting of Susan I. Myers, '98, chairman Janet McCook, '02, Jean Loomis Frame, '04, Lily Murray, '05, and Eleanor Holden, '06. Mrs. Frame was the chairman of the afternoon. The business of the meeting was to elect a committee to conduct the affairs of this new side of the association's work. The result of the election is as follows: Miss Myers and Miss McCook to serve three years; Mrs. Frame and Miss Holden to serve two years, and Miss Mur-

After the meeting adjourned tea was served by the cabinet in the Alumnæ Room. A number of the members were present to meet the Alumnæ, in spite of the lateness of the hour, and were amply rewarded by a

pleasant hour over the tea-cups.

NOTICE.

Attention is called to the new arrangepage.

PROFESSOR SHEPHERD'S SOUTH AMERICAN TRIP.

All members of the college who have in any way come into contact with Professor Shepherd, and especially those who heard his very interesting and able lecture on South America before the Barnard Union this year, will be delighted to hear of his appointment and honorable mission to South America. They will be still more delighted to hear that the execution of this mission will not interfere with his work in the university.

Professor Shepherd intends leaving for South America at the end of May to remain about four months. Via the Isthmus of Panama, he will sail down the western coast of South America, visiting as many seaports as possible, especially capitals. As his plans stand at present, he hopes to see something of all the capitals of the South American states with the exception of Paraguay, Columbia and Las Vegas. The great drawback of the trip is that Professor Shepherd will have to spend about two and a half of his four months' absence on the ship out of sight of land, but enthusiasm for his object outweighs any such temporary discomfort.

His object is this: He wants to show the South Americans that the United States takes an interest in the culture, as well as in the shining dollars and cents of their neighbors. Hitherto the relations between the two countries have been purely commercial, and no attempt has been made on either side to establish any other connection between them. As a matter of fact, the culture of the South Americans is well worth studying. They have fully as many, if not more, universities than we, one even older than Harvard! Their intellectual interests are strong and widely diversified. Professor Shepherd will meet and compare notes with many of their most prominent. intellectual leaders, and try to impress upon them not only the fact that culture exists in the United States, but also that the United States are interested in their development and desirous of learning from them, as well as helping them. A man so peculiarly well fitted for the work as Professor Shepherd cannot fail to achieve these results, and it is with best wishes and confidence in his success that the Barnard shall bid him godspeed next spring.

NEW COLUMBIA PROFESSORS.

At a recent meeting, the Board of Trustees of Columbia University appointed four new professors: Nathan Abbott, dean of the faculty of law in Leland Stanford Junior University, and Harry A. Cushing, LL.D., and Dickinson S. Miller, Ph.D., were appointed professors of law. Gary N. Calkins, at present professor of invertebrate zoölogy, in recognition of his admirable ment of professors' office hours on the last work as investigator, was appointed professor of protozoölogy.

BARNARD BULLETIN.

Published Weekly throughout the College Year.

AGNES MILLER, 1908 Editor-in-Chief. Managing Editors.

Anne Carroll1907
Sophie P. Woodman1907
Helen Loeb1908
May -Ingalls1909
E. A. S. Tredwell, 1907 Business Manager
Florence M. Wolff, 1908. Asst. Business Manager
Office hours

Associate Editors. Helen Cooley......Alumna Member Margaret H. Bailey......1907 Mary C. R. Reardon.....1907 Clairette Armstrong1908 Marjorie Eastman1908 Eleanor C. Hunsdon......1908 Theodora Hall1909 Myra McLean1909

Subscription—One Year, \$1.50. Mailing Price, \$1.85. Strictly in Advance

Address all communications to BARNARD BULLETIN Barnard College, Columbia Univ., N Y., Broadway and 119th Street.

WEDNESDAY, FEBRUARY 20, 1907

The report of the Student Council given last week in the Undergraduate Meeting was of a nature calculated to furnish food for much thought and discussion. To begin with, it seemed to many present that if the Council had done much worth discussing this year it could have sent in a report definite enough to inform the student body just what it had done. As the case was, undergraduates knew about as much of the Council's proceedings at the end of the meeting as they did before they entered the theater. It is true that little of interest could have been told about the routine work of arranging dates, and equally true that the application of the Exchange to be allied formally with the Undergraduate Association is already well known. We may well ask, then, what has the Student Council been doing all the year? If it has been accomplishing anything, why not report on Lummer and Pringsheim. it? If nothing has been achieved, what is graduate sentiment on the Council's transactions was not very satisfactory. seemed little more than a solemn formulation of a fact which has been perfectly obvious ever since Student Council began, that whereas it would be neither policy nor tions of Lummer and Pringsheim. propriety on the part of the Council to go against student opinion arbitrarily, such has never been and never will be their intention. Neither do we see that the offer of the Council to reconsider measures on petition is going to convince anyone that the body has nothing of an oligarchical character about it. Why, pray, should not undergraduate opinion have weight even with the association's supreme governing body? It really might seem logical to say that it ought to have so much weight that no important measures could pass in the Council ture and that of artificial sources of light, which had not been previously voted upon from the location of the energy-maximum, to be placed in Hamilton Hall.

by the whole Undergraduate Association. The Council does well to desire a comprehensive knowledge of student opinion. This, however, is only a step in the right direction. Even better is the announcement of the application for a self-government charter—in fact, that was the best part of the report. But it seems inconceivable that there could have been no more statements of things accomplished by the Council this year, after so much agitation of so many different reforms and proposed changes of policy.

DEPARTMENT OF PHYSICS.

The following course of lectures in Mathematical Physics will be given in Room 301, Fayerweather, by Otto Lummer, Ph.D., Professor of Experimental Physics in the University of Breslau, Lecturer in Mathematical Physics in Columbia University, 1906-07.

THE LAWS OF RADIATION OF THE BLACK BODY. THEIR THEORETICAL ESTAB-LISHMENT AND PRACTICAL IMPORTANCE.

Friday, February 22, at 4 P. M.—The Stefan-Boltzman law and radiation pressure. (1) Stefan's law of total radiation. (2) Boltzman's deduction of Stefan's law for black-body radiation. (3) Experimental confirmation of the Stefan-Boltzman law by Lummer and Pringsheim. (4) Existence and consequences of radiation-pressure. (5) Experimental establishment of the existence of radiation-pressure by Lebedew, Nichols and Hull. (6) Theory of comets of Lebedew, Arrhenius Schwarzschild.

Saturday, February 23, at 10 A. M.-The maximum law in black-body radiation and measurements of energy in the spectrum. (1) Deduction of Wien's law of displacement. (2) Measurements of energy in the spectrum of the black body; (a) The bolometer and Langley's contributions; (b) Researches of Paschen and Rubens on the dispersion of rock-salt and fluor-spar; (c) Reduction of observations in the prismatic spectrum to the normal spectrum; (d) Experimental results of

Friday, March 1, at 4 P. M.—The equathe excuse? Again, the statement in the tion of the spectrum of black-body radiareport regarding the influence of under-tion. (1) Deduction of a spectrum-equation by A. A. Michelson and W. Wien It from theoretical considerations. (2) Experimental confirmation of Wien's equation by Paschen and the theoretical establishment of it upon an electromagnetic basis and is no truer now than then, namely, by Planck. (3) Irreconcilable observa-Planck's deduction of an equation in accordance with the observations of Lummer March 5, concerning which announcement and Pringsheim. Investigation of the same by Rubens and Kurlbaum. (5) The sigblack-body radiation.

Saturday, March 2, at 10 A. M.—Determination of the temperature of the Sun, and recent solar theories. (1) Sun's temperature deduced from the solar constant on the basis of the Stefan-Boltzman law. (2) Determination of the Sun's Tempera-

TIFFANY & Co.

Always welcome a comparison of prices and an examination of their merchandise

FIFTH AVENUE NEW YORK

(3) Kirchhoff's solar theory untenable. Solar theories of Schmidt and of Julius. Experimental demonstrations. (4) Distribution of energy in the spectrum of bright platinum according to Lummer and Pringsheim. (5) Theoretical deduction of the equation for the energy in the spectrum of platinum and other metals.

> F. P. KEPPEL. Secretary of the University.

DEPARTMENT OF MUSIC.

A concert of chamber music will be given in the Auditorium of Earl Hall on Tuesday, February 26th, at 4:15 P. M. as follows:

Miss Susan L. Griggs, soprano; Mr. Herwegh von Ende, violin; Mr. Modest Altschuler, violoncello; Professor Rübner, pianoforte.

PROGRAM.

1. Trio for violin, violoncello and pianoforte (op. 1, No. 1) Beethoven. Allegro: Adagio cantabile; Scherzo; Finale.

2. Songs: (a) Aria from "The Magic Flute" (Ach, ich fühl's), Mozart; (b) Sonnet d'Amour, Thomé; (c) Un doux Lien. Delbruck; (d) The Bird and the Rose. Horrocks; (e) "Love me, if I live," Foote

3. "Dumky" trio for violin, violoncello and pianoforte (op. 90), Dvorák. Lento maestoso-allegro; andante; andante moderato; allegro; lento maestoso-vivace

Mr. Samuel A. Baldwin, of Holy Trinity Church, Brooklyn, is giving a series of organ recitals in the University Chapel on Thursdays during February, at 4:15 P. M. These recitals will be followed by a series on Tuesdays, at 4.15 P. M., beginning will be made.

These concerts and recitals are open to nificance of the constants in the equation of the public. No tickets of admission are required, but the doors will be closed promptly F. P. KEPPEL. at 4:15 P. M.

Secretary of the University.

HAMILTON STATUE.

The Alumni Association of Columbia University have donated \$5,000 for the erection of a statue of Alexander Hamilton

BULLETIN.

Daily. 10-2: Exchange open. Wednesday, February 20.

12:45. Bible classes, third floor.

Thursday, I chruary 21.

4. (lassical Club meeting, Room 130. Professor Perry will speak.

4. Lecture in 305 Schermerhorn. "L'Eglise et l'État en France avant 1789." Speaker, Professor Cohn.

4. Organ recital at St. Paul's.

Friday, February 22:

Holiday—Washington's Birthday.

Monday, February 25.

12:30. Miss McCook's Bible class. Glee Club.

Tuesday, February 26.

12:10. Chapel. Miss Gill will speak.

ADDITIONS TO THE LIBRARY.

Aristophanes-Nubes.

Clerke, A.M.—History of Astronomy during the mineteenth century.

Herodotus—History, translated by G. C. Macaulay. Two vols.

Higginson, T. W.—Henry Wadsworth Long tellow.

Hirst, F. W.—Monopolies, trusts and kartells.

Holmes, O. W.—Life and letters edited by J. T. Morse, Jr. Two vols.

Holmes, O. W.—Halph Waldo Emerson. Lindsay, W. M.—Short historical Latin

Lucretius.—De rerum natura, libri sex, edited by II. A. J. Munro. Three vols.

Rhodes, J. F.—History of the United States from the Compromise of 1850. Vols. 6 and 7.

Thompson, J.-Murray's Greek gram-

(Continued from page 1, first column) ARTICLE VI.

That the vice-president- treasurer of the Intercollegiate Association be elected at this meeting.

The vote was then taken on the vicepresident-treasurer of the Intercollegiate Association and Marguerite Newland, '08, was elected to that office.

SCHOLARSHIP NOTICE.

The attention of students who wish to apply for scholarships for the coming academic year, 1907-1908, is called to the following regulations:

All applications for scholarships must be filed before 4 P. M. on Tuesday, April 2,

1907.

Students now holding scholarships and wishing to retain them another year must file new applications.

The necessary application blanks can be obtained at the office of

> Anna E. H. Meyer, Secretary.

PERSONAL NOTES.

The engagement is announced of Rosina Rennert, 'oi, to Mr. Leonard Irving.

Ruth Fairchild, '06, will be married in the Broadway Tabernacle on February 27th to Mr. Edward Clarendon Hooker.

The engagement is announced of Nana Moore, ex-'08, to Mr. Paul Boumgarten, of this city.

The engagement is also announced of Olive L. Roe, '08, to Mr. Leonard Wallstein, Columbia, '03.

Helen Perry, ex-'07, has announced her engagement to Mr. Bradley Reynolds.

For Ladies and Misses

A. G. SEILER.

At Low Prices 1228 Amsterdam Avenue

SECOND HAND

ROOKS--Old and New

NEW AND

College Text-Books

Bought and Sold

Stationery, Athletic Goods

Lowest Prices

COLUMBIA UNIVERSITY BOOKSTORES

West Hall and Horace Mann School

Branches of

Lemcke & Buechner

Booksellers, Publishers and Importers



CAPS and GOWNS

Lowest Prices for Best Material and Workmanship **FACULTY GOWNS** and HOODS

COX SONS & VINING 243 POURTH AVE., N. Y.

Barnard Representative MISS H. T. VEITH, 'ce



The

Spalding Trade-Mark

is placed on all articles manufactured by A. G. Spalding &

When you buy an athletic article, buy the best, the kind that has stood the test for over twenty-eight years.

Basket Ball, Golf, Gymnasium Goods, Lawn Tennis Uniforms for All Sports

Spalding's Athletic Library No. 260

"WOMEN'S OFFICIAL BASKET BALL GVIDE"

Edited by Miss Senda Berenson Contains the Official Rules for Women as well as pictures of numerous teams and other data. PRICE, BY MAIL, 10 CENTS

Send for a copy of Spalding's illustrated catalogue of all sports; it's free.

A. G. SPALDING & BROS.

Philadelphia Minneapolis Chicago Baltimore Kanna City Mostreal, Can. Washington Buffalo San Francisco Boston

Saks & Company

Herald Square

New York

Specialists in Apparel for Girls and Misses

Gymnasium Suits in the authoritative college models, ready for service

C. MINNERS

Fancy and

Imported and Domestic Delicatessen, Fruits and Vegetables,

Amsterdam Ave., bet. 120th and 121st Sts. Tel 2549 I R verside. NEW YORK

FASHION Everywhere STANDARD OF

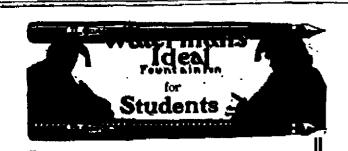
Corner 40th Street

MAKER OF HIGH QUALITY BREAD AND DINNER ROLLS.

Dainty Cakes and Delicious Pastry. Artistic Work in Cakes for Teas and Birthdays. Delicious Sorbets and Ice Creams. Bonbons and Chocolates of Exquisite Flavor and Choice Materials. Perfection of the Caterer's Art in Afternoon Teas and At Homes.

Nine Sixteen Broadway Columbus Avenue, at 76th Street Sixth Avenue, at 51st Street

LUNCHEON ROOM, Nine Sixteen Broadway, Ladies Exclusively.



is equipped with clip-cap for men and chatelaine attachment for women, both of which afford protection against loss, and yet are easily detached for use. Our Ideal flows steadily, never floods or blots, is easily filled and cleaned. For sale by all dealers

CAUTION—Insist on the genuine for your work requires the best.

L. E. Waterman Co. 175 Broadway, New York

0840H0 H0780

DAN PRANC LONDON

ICE CREAM

Charlotte Russe and Fancy Cakes, also French Ice Creams, Sorbets and Puddings None made better. Countless millions use them. DEPOT, 142 WEST 125th ST.

REBERYED FOR

CHAS. H. FRIEDGEN, PH.G.

1220 AMSTERDAM AVE.

FRANK BROS., and Avenue, Near 91st St.

BUY YOUR

Gravenette COAT Of a Reliable Merchant

"RAIN WILL NEITHER WET NOR SPOT IT"

You may know it's the "Real Thing" by this circular registered trade mark stamped on the inside and this silk label at the collar or elsewhere.



A POSTAL TO US WILL BRING BOOKLET

B. Priestley + 6.

100 Fifth Avenue, corner 15th Street NEW YORK

MULLER'S ORCHESTRA

CHARLES R. MULLER, Pianist and Director

Office, 56 Court Street, Brooklyn, N. Y.

REID'S ICE CREAM, ICES AND CAKES

115 West 125th Street

Telephone, 161 Morningside

TELEPHONE CONNECTION

FAIRBANKS & BROOKS
HIGH GRADE BAKERS

1290 AMSTERDAM AVE,

60 EAST 128th ST. HEAR MADISON AVE THEODORE B. STARR,

MADISON SQUARE.

Jeweler and Silversmith
Barnard Badges are made only by this house

To be obtained through the Secretary of the Under Graduate Association.



COTRELL & LEONARD

Albany, New York,

Marrès of

CAPS AND GOWNS

To Barnard 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1906, 1906

Class contracts a specialty. Correct Hoods for all Degrees. Miss Josephine Pratt, 1906, Agent for Barnard College.

The Reidnas Ball Dharmacy

H. S. OXMAN, Ph. G., Proprietor

AMSTERDAM AVE., COR. 122ND St., - NEW YORK

SUPPLIES OF INTEREST TO STUDENTS

LIST OF INSTRUCTORS AND OFFICE HOURS.

The Dean, Mon., Wed., Thurs., 11-12, 2-3; Fri., 11-12. Bargy, Henry, Instr., Mon. Wed. 3; Room 305 W. Beard Chas. A., Lect., Thur., 3; Room 409; Thur., 9:40; Room 340. Beehart, Alex. O., Lect., Mon., 3; Thur., 11; Room 113. Bigongian, Dino, Lect., Mon., 1-2; Room 308. Botsford, Geo. W., Adj. Prof., Fri., 11-12; Room 340. Braun, Wilhelm A., Inst., Mon., 10; Thur., 3; Room 113. Brewster William T., Prof., Tues., Thur., 12-1; Room 138. Brewster William I., Prof., Tues., Thur., 12-1; Room 138. Brown, Harold C., Mon., Wed., Fri., 3-4; Room 417. Brown, Warner, Asst., Tues., Thur., 10-11; Room 336. Bussey, William, Tutor, Mon., Wed. Fri., 11-12; Room 309. Clark, John B., Prof., Mon., Wed., 1:45; Room 204. Cole, F. N., Prof., Wed., 12-1; Room 140. Crampton, Henry, Prof., Tues., 9:30-11:30; Room 413. Cunliffe, John W., Mon., Wed., 3-4; Room 502. Dederer, Pauline H., Lect., Mon., 1:10; Room 402. Farrand, Livingston, Prof., Mon., Wed., 4; Room 513 S. Giddings Franklin H., Prof., Tues., 4:15; Fri., 1:30; Room 407. Haskell Alice, Asst., Tues., Thur., 2-3; Room 136. Hazen, Tracy B., Tutor, Thur., 3; Room 320. Heuser, Fred W. J., Tutor, Tues., 10-11; Fri. 11-12; Room 310. Hirst Gertrude M., Inst., Tues., 10; Room 212. Hoadley, Harwood, Lect., Fri., 3:15; Room 112. Hubbard, Grace A., Lect., Mon., 11-12; Room 136. Huttman, Maud A., Asst., Thur., 3-4; Room 340; Sat., 11-11:30. Jordan, Daniel, Mon., Wed., Fri., 10-11; Room 311. Knapp, Charles, Prof., Mon., Wed., Fri., 10-11; Room 114. Krapp, George P., Inst., Mon., Wed., Fri., 3-4; Room 507.-Latham, Marion E., Asst., Fri., 11-12; Room 313. Loiseaux, L. H., Adj. Prof., Tues., Thur., 4; Room 303. Lord Herbert G., Prof., Mon., 10-11; Room 335. McCrea, Nelson G., Prof., Mon., Wed., Fri., 10-11; Room 309. McGregor James H., Inst., Mon., Fri., 10-12; Room 409. Maltby, Margaret E., Adj. Prof., Wed., 11-12; Room 240. Montague Wm. P., Inst., 10-11; Room 335.

Moore, Henry L., Prof., Wed., Fri., 2; Room 308.

Muller, Henri F., Tutor, Tues., Thur. 11-12; Room 111.

Ogilvie Ida H., Tutor, Tues., 11-12; Room 214. Osgood, Herbert L., Prof., Tues., Thur., 4:30-5; Room 320. Page, Curtis H., Adj. Prof., Mon., Wed. 10; Room 305. Parker, William T., Lect., Tues., Thur., 2; Room 137. Periam, Annina, Tutor, Wed., Fri., 11; Room 212. Reed Margaret A., Tutor; Room 415. Reimer, Marie, Inst., Mon., Wed., 1-2; Room 438. Richards, Herbert M., Prof., Mon., Fri., 10; Room 316. Robinson James H., Prof., Tues., Thur., 2:45-3:10-4; Room 340. Seager Henry M., Prof., Tues., Thur., 2-3; Room 403. Shear, T. Leslie, Tutor, by appointment; Room 111.
Shepherd, Wm. R., Mon., Wed., 12; Room 340.
Shotwell, James T., Adj. Prof., Tues., 3; Room 340; Wed., 11:15; Room 323 W. Speranza, Carlo L., Prof., Tues., Thur., 2:10; Room 304. Tassin, Algernon De V. Lect., Tues., Thur., 12-12:30; Room 137. Thomas, Calvin, Prof., Tues., Thur., 10-11; Room 312 W. Thompson, Elizabeth O., Asst., Fri., 11-12; Room 313. Thorndike, Ashley H., Prof., Mon., Wed., 2-3; Room 508 F; Sat. 9-10. Trent, Wm. P., Prof., Mon., Wed., 12-12:30; Room 138. Wells, F. Leyman; Tues., Thur, 4-4:30; Room 335. Westcott, Allen F., Lect., Mon., 12-12:30; Room 139. Wheeler, James R., Prof. — Whitaker, Albert C., Lect., Mon., Wed., 11-12; Room 206 W.

Wisser, Clark, Lect., consult Prof. Farrand.