

THE BARNARD BULLETIN

Vol XXIX. No. 14

FRIDAY, FEBRUARY 6, 1925

PRICE TEN CENTS

PROFESSOR JACOBY DISCUSSES THE ECLIPSE

That there is still prevalent some of that superstitious fear formerly attached to eclipses, was brought out in an interview with Professor Jacoby. The idea that the luminary which is always shining should suddenly be dimmed has yet the power to inspire awe. Those watching the eclipse in front of the Columbia Library were amused to notice that when the sun was totally eclipsed, there was a gasp from the crowd. As soon, however, as the people realized that this phenomenon could not hurt them, a cheer arose.

The publicity given to an eclipse is a very valuable thing, according to Professor Jacoby. It gets people interested in science and in a part of life in which the almighty dollar does not figure. The intellectual curiosity aroused by an eclipse might be compared to that stimulated by a study of the classics.

Contrary to the popular belief, eclipses occur more frequently than once in a century, Professor Jacoby declared. However, when they do take place, they can be seen in only one particular section of the world. The fact that an eclipse might be

observed in a certain area just once in about a hundred years, has given rise to this pseudo scientific superstition.

There are about two eclipses each year—usually partial, but sometimes total. There was a total eclipse in California three or four years ago.

Whenever eclipses occur, scientists travel to the area and take photographs to enable them to make discoveries. They very rarely observe anything startlingly new.

Scientific reports on the latest eclipse have not yet been published. However, the photographs taken did not reveal any extraordinarily new developments.

Professor Jacoby remarked on the fact that people often marvel at the accuracy with which scientists predict eclipses. This is actually a matter of mathematical calculation.

When Einstein's theory concerning the laws of gravitation is more fully developed, it may have some effect on the explanation and calculation regarding eclipses.

The progress of science, however, is very slow and discoveries are rare, according to Professor Jacoby.

SENIORS WIN DECIDING BASKETBALL GAME

The bulldog has at last succeeded in chewing up his adversaries and proclaiming himself a hero in basketball! Joyous anticipation was readily changed to even more joyous realization when the Seniors, after trying unsuccessfully for three years, beat the Sophomores on January 15, and won the championship.

The first team game was favorable for the Seniors from the outset. In spite of their guards, Wuori and Johnson, the latter by means of many high drop balls from center, started in with some good shooting and kept it up throughout the whole game. Though the Sophomores valiantly tried to catch up, the final score showed them to be ten points behind. While the Seniors had a better organized team, the efforts of Garmise, as side center, and Goss, as forward, did credit to their team. They were handicapped, however, by the loss of Robinson. There were a considerable number of shifts in the Senior lineup, constituting a little variety for the audience as well as for the players. The second team game with the Freshmen was played off first and gave the stars of the day just a little more time to get nervous. As far as basketball went, both second teams played without sidecenters, so that play in center field developed into more or less a game of tag, and both centers are to be congratulated on their endurance. The game had to be forfeited by the Seniors through the use of an ineligible player.

The Sophomore-Senior game was the culmination of the inter-class competition that started back on December 4th, when the first teams of the Sophomores and Freshmen, and the Senior and Junior second teams came together. After about a month's practice, the Sophomores and Seniors won, although both games showed a lack of co-ordination and organization that was to be improved with further training. On the same day, as a divertissement from the more serious clash between the classes, the Faculty, composed of members of the gym department, optimistically chanted a death song over the bier of what they thought was to be the vanquished Varsity team, and then went gaily down to defeat at the hands of their opponents. The second half of the game was played with as few rules as possible, and what rules there were were merrily violated; the defeat of the Faculty was probably due to the fact that they could not laugh and play basketball at the same time.

In the course of a week, the next series was played off; the first team of the Seniors against that of the Juniors, and the Sophomores against the Freshmen's second team. Here the Senior firsts showed they were as good as their seconds and beat the Juniors, who fought hard, but to no avail. The Freshmen team on this eventful day triumphed over the Sophomores. The Junior second team, as well as the first, was destined to be at the bottom, for in

(Continued on Page 4)

ELABORATE PROGRAM PLANNED BY ALUMNAE

Many Alumnae will return to Barnard on Thursday, February 12, which has been set as the date for the annual Alumnae Day. All students have been cordially invited to attend the various numbers of the program which is as follows: 3.00. In Brinckerhoff Theatre

The Alumnae Dramatic Group will present a rip-roaring One-Act Farce with an all-star cast, including:

Gladys Gripps, '18
Denver Frankel, '23
Edith Halfpenny, '18
Jeanette Mirsky, '24
Louise Schlichting, '22
Christene Straiton, '18
Dorothy Cheeseman Thurber, '18

And
An Interpretative Dance

with

Frances Boas, '23
Helen Mack, '22
Olga Autenreith, '23
Edna Wetterer, '22
Muriel Potter, '24
Jerry Hicks, '24

And

Dances by

Margaretta Weed, '24
Margaret Reinheimer, '24

4.00-6.00. Tea in the College Parlor, to meet the Faculty and the undergraduates.

6.00-6.30. In the Gymnasium. Barnard-T. C. Alumnae Basketball Game

Barnard Team:

Marie Carmody, '19
Louise Pott Havens, ex-'23
Midge Hillas, '15
Charlotte MacNamara, '23
Georgia Stanbrough Miller, '19
Marie Wallfield, '24
Edna Wetterer, '22

The college parlor will be open all day as a meeting place for Alumnae. Those who would like to have lunch at college on Alumnae Day will find accommodations in the Cafeteria between one and two o'clock.

WOMEN USE MATHEMATICS IN MANY FIELDS

The use of mathematics in the fields of banking and finance, research and statistics, actuarial work and insurance has not, up to the present time, offered a promising outlook for women.

In practically all banks the book-keeping research and compilation of statistical reports are now conducted by women. The operation of labor saving machinery eliminates the need of any special mathematical training. Executive positions in a bank, however, are comparatively small in number so that the future outlook is not very promising.

The actuarial work represents the scientific aspect of life insurance. It determines the basis for the computation of premiums and the selection of risks. It evaluates the assets and liabilities of companies and distributes surpluses. Some phases of this work require a highly specialized mathematical training. Although many women are employed in the department of actuarial work, very few have attempted the course of study which would qualify them

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PROFESSOR BIGONGIARI SPEAKS TO ITALIAN CLUB

The literary aspect of the problem of joining to the constitutional monarchy large groups of people who have no interest in the Italian nation as a whole, was the subject discussed at the Italian Club meeting on Tuesday, January 13th, by Prof. Dino Bigongiari, Professor of Italian at Barnard. Until the World War there was only one writer who was an exponent of Nationalism, namely Carducci. The neglectful heirs of this great heritage are D'Annunzio, who used art just as he used everything else to exalt his own personality, and Pascoli, who developed into a Humanitarian and Internationalist.

A politically dangerous phenomenon in Italy is the regional literature. There were poets who sang of the peaceful quiet of Tuscany, those who sang of Naples, the land of extremes, mud and blue skies. Men wrote of the brave silent Sardinians, and the emotional, suspicious fisherman of Sicily. These works were written in dialects, not Italian, and exalted local traits.

Then Futurism came in, healthy and free. It threw over the past entirely, not only the silly conventions, but also the classical and worthwhile ideas.

The World War unified the nation by foreign entanglements and a common enemy. It has interested Italians in their nation. Present day phenomena are manifestations of the fact that Italians have waked up to the knowledge that there is an Italian nation and it ought to be defended or opposed. Will the world of letters follow, and will we now find the true descendants of Carducci rather than sectional poets? A religious Renaissance and a new earnestness in Italy makes us hopeful of a fused Italian nation and a national Italian literature.

MANY ENJOY BEAR MOUNTAIN WEEK END

Tobogganing, skiing and skating at Bear Mountain drove the examination worry from the minds of over forty girls, who arrived at Brentmere Cabin in groups from Thursday evening through Saturday afternoon. Miss Finan and Miss Gregg were there for part of the time, and Miss Schoedler and a few other alumnae also helped to keep up the gaiety of the occasion.

New amusements—Straw ride to West Point under the crescent moon, an orchestra at the inn, and hikes over the recently opened river bridge and East Shore Mountain Road, added novelty and variety to the usual activities. The bridge proved particularly interesting, being a graceful thing to look at besides being a superb piece of construction.

Sports on snow and ice lasted all day and during the evening. Both the experienced and those in the novice class tried skiing; one or two bold-spirits even ventured over the jump. Everyone watched in admiration, with thoughts of St. Moritz and Lake Placid, when some men succeeded in doing some difficult feats with skill and poise, and applauded the champion who made the jump on one ski.

Sleeping arrangements were a bit troublesome and not even the most hardened campers got a full "eight hours." The big chairs around the fireplace were comfortable and the heat pleasantly soothing for tired bodies and chilled toes and fingers. The crowd, with members of '27 greatly in the majority, made the best of discomforts, and enjoyed the singing by the fire, as much as usual. There was relief, too, from the arduous "K. P." of last year, for this time a good-natured efficient cook satisfied keen appetites and helped to make the first winter week-end a success.—Margaret Irish.

The Barnard Bulletin

Published weekly throughout the College Year, except vacation and examination periods by the Students at Barnard College, in the interests of the Undergraduate Association.

Vol. XXIX January 18, 1925 No. 13

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Subscription—One Year \$2.00
 Mailing Price \$2.25

Strictly in advance. Entered as second-class matter December 14, 1908, at the Post Office, New York, N. Y., under the Act of March 3, 1879. Acceptance for mailing at special rate of postage, provided for in Section 1103, Act of October 3, 1917, authorized November 12, 1918.

Address all communications to

BARNARD BULLETIN

Barnard College, Columbia University
 Broadway and 119th Street, New York

COMMENT

THE Representative Assembly starts on the second lap of its test year of existence. At the closing meeting of last semester, a discussion of the current criticisms of the Assembly was held. Criticism seemed to have revolved around the fact, that the Assembly has concerned itself with the details of administration that do not seem to bear out any consistent policy.

The Assembly was reminded, however, that any member of the body has the prerogative of introducing matters for consideration. An attempt will be made this semester to allow time for such considerations. This is a privilege which has not been taken advantage of so far this year. There are eternal closet discussions about the curriculum, the relations of faculty and students, the vocational tendency in colleges. Here, then, is an opportunity for the many viewpoints represented on the Assembly to be crystallized into some definite legislation. The opportunity for initiating discussions which may lead to constructive innovation and experimentation lies in the hands of every member of the Assembly. The success or failure of the Assembly rests with its members. If they realize their responsibility, some vital accomplishments may be achieved, and at least we shall derive the benefits resulting from a frank discussion of pertinent problems.

IN our enthusiasm for academic achievement, activities and social life we are far too apt to make individual gain the criterion of success. It is not unnatural that in our eagerness we forget the obligations which we as individuals owe to the happy adjustment of other individuals. We seldom stop to realize how much a small sacrifice of time and sympathy and friendship may mean to our fellow students.

The natural order of events cannot be changed, but we at Barnard can resolve that no forethought or care will be spared in preventing a future misfortune. A sense of individual responsibility to those who share our pursuits and problems plays no small part in the development of a well-adjusted community.

The College has been greatly distressed and grieved by the death of Helen Vosburgh. She was an excellent student, and we had all looked forward to a happy and successful career for her. We feel the deepest sympathy for her parents.
 V. C. GILDERSLEEVE.
 February 4, 1925.

BARNARD INTERNATIONAL FELLOWSHIPS

On January 15th a meeting was held of the Committee in charge of the award of the two International Fellowships established by the undergraduates of Barnard College for the year 1925-26. The Committee consists of the Dean, Chairman, Professors Hutchinson and Huttman, Miss Virginia Newcomb, 1900, and Miss Margaret Goodell, 1927.

It was decided that for the fellowship for a Barnard graduate, students graduating in June, 1925, would be considered eligible as well as those who have graduated in previous years. Applications from alumnae should be sent to the Dean by March 16th and should contain a statement of the work the applicant has done since graduation, if she is a graduate of an earlier year, and also a detailed account of her plans for foreign study. The fellowship is of a value of \$1,000 and must be used for study abroad in some institution approved by the Committee in charge.

With regard to the fellowship to be held by a foreign student in Barnard College next year, it was decided that it would be advisable to write to representatives of the federations of University women in Austria, Denmark, Finland, Norway and Sweden, and also to the President of Constantinople College, inquiring for suitable candidates.

CHANGE IN FACULTY

It is with great regret that the Administration announces the resignation of Miss Adele Alfke from the position of Lecturer in English. Miss Alfke has been obliged to give up her teaching work for the remainder of the year because of an attack of typhoid fever from which she is now recovering.

In her place Mr. Roderick Dhu Marshall is to be appointed to conduct two sections of English A during the remainder of the year. Mr. Marshall has received both his A.B. and his A.M. from Columbia.

FROM THE SECOND BALCONY

The current Hampden production of "Othello" succeeds in doing justice to the finer significance of the play; irrelevant considerations,—the accidents of time, or place, or even of Othello's color,—are finely subordinated to its deeper human meaning. "Othello" is more than the play of the jealous husband. Here, we see the tragically blind struggle of the trusting, the honest of heart, against superior intelligence and perverted will.

Much of the success of the production is due to the masterly interpretations of Othello, by Walter Hampden, and Iago, by Baliol Holloway. Very appropriately for his interpretation of Othello, Mr. Hampden's omission of the last speech of the play makes it end with the words,

"For he was great of heart."

Hampden's Othello combines at once the "greatness of heart," the mellowness and dignity of the man whose honest feelings are his only guide, with the violent emotions of such a man faced suddenly with the subtleties of treachery. With the real and unguessed treachery of Iago he is utterly unable to cope; against the supposed treachery of Desdemona he can react only with violence and bitter rage. Mr. Hampden was equal to the task of showing that this violence rests not merely on the obvious fact that Othello is a Moor, but on the much profounder basis of his personality as Shakespeare conceived it. One cannot help remarking that Hampden's success depends more on his understanding and his finished technique than on magnetic personality.

Baliol Holloway's Iago was most illuminating. His appreciation of the nuances of the character dispelled forever the high-school tradition of Iago as a monstrous villain of an unshaded blackness. Iago succeeds in his evil plans through the very variety of his traits. He is a "good fellow," magnetic, genial; it seems only natural that his companions should so often call him "honest Iago." The question of the motivation for his evil deeds disappears, too, when we see the intellectual pleasure Iago derives from the smooth working of his plans, the gusto with which he manipulates the weaker minds about him, and the ironic sense of humor that makes him smile at their foolishness.

Miss Sherwin's Desdemona had neither the strength of character consistent with her fearless love of the Moor, nor the winsomeness and delicacy that might, especially in the scene of the Willow Song, have supplied the lack. Yet to demand a Desdemona on the same plane of acting as the performances of Mr. Hampden and Mr. Holloway would be to ask too much.

The entire performance was dignified and intelligent. The settings, with the gondolas in the background, and the suggested Venetian opulence, were delightful. The music of the verse, too, was quite consistently rendered, and the necessary variety of tempo was not sacrificed to declamation. We are indeed fortunate to have the opportunity of seeing so excellent a production of one of the great Shakespearean tragedies least frequently presented.

MATH-SCIENCE CLUB

Professor Smith entertained the Math-Science Club by showing the girls his collection of old manuscripts, pictures, medals and astronomical and mathematical instruments in his office at Teachers College on Thursday, Jan. 15, at 10 o'clock. Out of his huge and valuable collection Professor Smith picked a few things which he thought would be of special interest and told about their history. These included old astrolabes of the Arabs and Hindus, gold-engraved perpetual calendars; the first English edition of Euclid; the first Mathematics book published in this country; and his rarest manuscript, a Persian Algebra, written by Omar Khayyam.

OUTSIDE THE WALLS

What does the undergraduate read? From Columbia, Ohio State University, Bryn Mawr and Harvard come statistical reports on the mental extra-Curricular pabulum of the college man and woman.

Columbia University—Spectator discovered that a campus subway newsdealer disposes of more than 600 copies of each issue of True Story, while he finds it unprofitable to keep a single copy of the Bookman. While 150 people walk out of a certain book store, near the campus, with Snappy Stories, Adventure, etc., but 75 purchase "intellectual" magazines. It is interesting to note that among the latter class the "American Mercury" ranks first, two times ahead of publications similar to the Dial, and the Atlantic Monthly comes second.

Ohio State University—Among the magazines: the lightest and shortest stories are most popular with students. Movie magazines, humorous publications, and fashion papers have good sale. Among the books: readers of Gene Stratton Porter, Rex Beach and Zane Grey are dwindling. Students are now asking for Percy Marks, author of "The Plastic Age" and Homer Croys "West of the Water Tower." Two booksellers report that two thirds of the mystery stories sold, are bought by professors.—From "New Student."

Bryn Mawr—The results show an extraordinary catholicity of taste. One library consisted simply of Plato, Jurgen and Corelli. Another, arranged according to size brought "The Decline of the Roman Empire, Ulysses (Joyce's Not Homer's) and the Bible into friendly proximity." Editors conclude, . . . that the literary taste of contemporary scholars may be casual but it has never been versatile.

Harvard—Even MacIntyre, Jr., Proprietor of the Community Bookshop reports a great interest in the "Modern sophisticates, Mencken, Nathan, Van Vechten, Machen, Dreiser and others. Biographies, "Outlines" of everything under the sun and books written by undergraduates and men recently out of College, also are in great demand.

Concludes Mr. MacIntyre, "what does the undergraduate read? He reads everything and anything, but he burns midnight mazda, tears his clothes, his hair and his dictionary while deeply immersed in the subtle fascination of "The Cross Word Puzzle Book."—From "New Student."

STUDENT COUNCIL MEETS

Student Council met as usual on January 15. Eleanor Antell, representing Junior Show, read the financial plans for the production, and showed why it was necessary to change this year the same prices as last year. Permission was given her to make the price of the tickets seventy-five cents and a dollar in the evening and fifty cents in the afternoon.

There was discussion of the advisability of holding a Freshmen Dance this February. Since there is no other large social function open to the Freshmen, most of the members of the Council felt that the dance should take place, on the night of Junior Prom.

The following committee was approved for Sophomore Dance: Janet Owen, Elizabeth Metzger, Anna Jeanette Staurm, Janice Moses and Frances Banner.

"Bulletin" requested that its plans for paying commissions for those who secure advertisements be considered. There was discussion but no decision was made. The Council decided to ask Bryna Mason to come to the meeting next time and explain the plan in detail.

On account of present dissatisfaction of the work of the eligibility committee it was thought advisable that Miss Mettler speak to the chairman of the committee and see if its work can be improved.

After the plans for the conference of the undergraduate presidents had been approved the members of the Council decided that sessions of the conference should be closed, and that Marion Mettler and Marion Mansfield should attend them.

The constitution of the Class of 1928 was approved. It was also decided that during examinations it would be necessary to have only two proctors in Milbank at a time to maintain order on all the floors.

Respectfully submitted,
MARGARET IRISH.

HARRY LAIDLER TO SPEAK

Harry W. Laidler, Ph.D., will lead a discussion of the Social Problems Club on the subject "Is A New Social Order Necessary?" Wednesday, February 11th, at 4:10 in Room 309 Business. Mr. Laidler is the author of "Socialism in Thought and Action," the co-author of "State Socialism—Pro and Con" besides many other books and pamphlets on various aspects of the Labor and Socialist Movements. This is the first in a series of discussions on the various "Roads to Freedom" which the Social Problems Club will have. Meetings are open to all students of the University.

CIVIL SERVICE EXAMINATIONS ANNOUNCED

The United States Civil Service Commission has announced examinations to be held February 3rd for Junior-Economic Analyst in industrial research or field investigation in the Women's Bureau of the Department of Labor at \$1,860, and for Assistant Special Agent, Assistant Commercial Agent, Junior Special Agent and Junior Commercial Agent in the Bureau of Foreign and Domestic Commerce at salaries of \$1,800 and \$1,680.

STUDENT INTEREST IN SPANISH IS INCREASING

The increasing interest in Spanish that has been noted at Barnard during the past four years does not seem unnatural when one considers how many circumstances favor such growth. Surely there could be no better background for this study than New York City, with its large and enterprising Spanish colony, its Spanish museum, churches and periodicals, its art exhibitions where Spanish pictures can be seen, and its concerts where Spanish music can be heard. Barnard girls have become aware of this real Spanish world all about them, as well as of the opportunities for advanced study that Columbia offers,—and a flourishing department is the result. Four years ago it was practically unheard of for a student to major in Spanish; now there are 22 doing so. Courses in Spanish were few in number and lacking in variety. Now we have two elementary courses; one in Spanish civilization, two in Literature, one in Composition, one in Conversation and one in Art, the latter an especially interesting example of growth, because it is given in English by an American professor, under the auspices of the Hispanic Society.

But the statistics that may be drawn from the catalog indicate only a small part of our achievement. The real measure of our success is the interest and enthusiasm of the students, which has expressed itself in the Spanish Club, with its varied activities. During these few years it has entertained such distinguished guests as the world-famous dramatist Benavente, the eminent philologist Americo Castro, the Chilean poetess Gabriela Mistral and the popular musician and composer Penella. It has listened to addresses from Professor Onis, of our own University, Moreno-Lacalle, head of the Spanish school of Middlebury, Miss King, of Bryn Mawr, and Romera Navarro of the University of Pennsylvania,—this in addition to the regular monthly meeting at which all students of the department come together to listen to an illustrated lecture by a member of the department. Nor are the activities of club members limited to listening—the students themselves use their Span-

ish in speaking together or with their guests. For two years they kept up a voluntary class meeting one hour each week, until the college saw the demand and added a one-hour conversation course in the catalog. Every year one or two plays are given where students themselves create Spanish atmosphere in costumes, settings and dialog. The outstanding accomplishment in this line was the unique and colorful "Spanish Night" of the spring of 1923.

To give an outlet for written expression in Spanish, the students of the department publish "El Sol de Barnard," which last year appeared monthly as a page in "Renacimiento", a Spanish magazine published in New York. This year they are filling four or five columns twice a month in the daily newspaper "La Prensa". Here are printed articles dealing with life at Barnard, as well as book reviews, notes on current art exhibits and brief comments on any topic of interest to the Spanish world. Many cultured Spaniards have congratulated the students on the interest and perseverance they show in keeping up the page, and also on the fluency with which they express their thoughts in a foreign language.

Every year the anniversary of the death of the greatest of Spanish writers is commemorated by a special meeting of the club on the twenty-third of April. An appropriate program is presented and the bronze medal of the Instituto de las Espanas is given to the student who has written the best essay on Cervantes' life and work.

Every year trips are made to the Spanish museum and church, and a banquet is held at one of the typically Spanish restaurants that abound in New York. After such an introduction to Spanish life, it is not strange that each summer some Barnard girls have gone to Spain, while from the more strictly academic point of view, the solid value of the work done is shown by the fact that among the graduate students of Spanish in Columbia there is a larger portion coming from Barnard than from any other part of the University.

CAROLINA MARCIAL DORADO

GIGLI TO SING AT ALUMNAE CONCERT

Students' Loan Committee Have Benefit Performance

The Students' Loan Committee of the Associate Alumnae will give a benefit performance for the purpose of raising at least \$5,000 to enable the committee to carry on its work and to meet the increased demands on its resources.

The benefit concert will take place in the Grand Ballroom of the Hotel Astor on Thursday evening, March 5th. Gigli of the Metropolitan Opera will be the principal artist. It will be Mr. Gigli's first New York appearance in concert.

He will be assisted by a soprano and other artists.

Subscriptions to the performance are as follows:

Boxes, seating 8.	\$80.00
Boxes, seating 6.	60.00
First few rows.	10.00 per seat
Remainder	5.00 " "
Second tier boxes	2.00 " "

(sold as individual seats)

Applications should be sent to the Alumnae Office as soon as possible.

DEMONSTRATION OF TELEPHONE OPERATORS TO BE HELD

Under the auspices of the Math-Science Club, on Tuesday, February 24th, at 4 P.M., a portion of a telephone central office will be moved into 304 Students Hall, Barnard College, for a new and unusual demonstration. The demonstration which has been secured through the courtesy of the New York Telephone Company, will give the audience an intimate insight into the operation of a telephone company personnel.

The program includes a special motion picture prepared for this showing, and a demonstration of actual telephone central office operation by young women taken from the telephone company's ranks. Mr. T. P. Ward, Commercial Representative of the telephone company, will be in charge of the performance.

We hope that everyone will take advantage of this splendid opportunity.

REPRESENTATIVE ASSEMBLY WILL BROADEN ITSELF

At the regular meeting of the Representative Assembly on January 14, it was decided that a member should be dropped from the assembly for more than one unexcused absence, even when the meetings are held weekly, though when the rule was made, it was expected that meetings would only be every month. Excuses are to be filed with the secretary.

It was moved that the constitution be amended to declare a quorum two-thirds instead of three-fourths. The motion was defeated.

After this there was general discussion as to whether the Assembly had succeeded this semester in carrying out its purpose. Almost everyone felt that the weekly meetings had proved of value, and they will be continued,—on Wednesdays as heretofore. Relative to the criticism of the Assembly in "Bulletin," it was suggested that the Assembly might broaden itself out and concern itself with some of the ideas behind the actual detailed workings of college government as they are carried out. Emphasis was laid on the fact that any member of the legislative body has a right to bring up any matter that she considers important enough for consideration. An attempt will be made to allow enough time at the opening of sessions to permit the introduction of questions not in the regular routine business of the day.

SOPHOMORE DANCE TONIGHT

The Sophomores are holding their annual dance in the gymnasium of Students' Hall on Friday night, February 6th, at 8:45 p.m. Edith Harris is chairman of the dance; she has engaged the Sleepy Hollow orchestra to play.

PATENT OFFICE HAS VACANCIES

An examination for junior patent examiner will be held throughout the United States on April 22 and 23 to fill vacancies in the Patent Office at an entrance salary of \$1,860 a year. Advancement in pay may be made without change in assignment up to \$2,400 a year.

The duties of appointees will be to perform elementary scientific or technical work in the examination of applications for patents; to see what the alleged inventor thinks he has produced that is new, and to see that the disclosure is complete; and to investigate the prior art as represented by patents already granted in the United States and various foreign countries and by the descriptions in technical literature.

Examination will be given in the following optional subjects one of which must be chosen by the applicant: Civil engineering, electrical engineering, mechanical engineering, chemical engineering, and electrochemistry.

Competitors will be rated on physics, mechanical drawings, technics, optional subject chosen, mathematics, and French and German.

Full information and application blanks may be obtained from the United States Civil Service Commission, Washington, D. C., or the secretary of the board of U. S. civil-service examiners at the post office.

CAST OF JUNIOR SHOW ANNOUNCED

The Junior Show will be given on Friday evening, February 27, and the afternoon and evening of Saturday, February 28 in Brinkerhoff Theatre.

The show will consist of a series of five burlesques, closely linked together. This arrangement of having five plays instead of one as formerly has offered an opportunity for more girls to take part. The Chairman of the committee of Junior Show is Sylvia Surut who is also taking charge of the music. Marion Pascal is coaching the plays. Mary Horowitz is directing the dancing, Dorothy Bosch the staging, Lyndal Heller the costuming and Eleanor Antell the finances.

The principal characters are Florence Braithwaite, Marion Joyce, Frances Ruffner, Kay Milan, Marie Dinkelspiel, Barbara Colloson and Helen Williams. The tickets will be on sale in about a week.

BASKETBALL SEASON REVIEWED

(Continued from Page 1)

the loser's game, December 16th, both Junior teams lost.

Besides the class game, something new was tried this year, namely, choosing Odd-Even teams from the first teams and Campus-Non-Campus teams from the second teams. These games were run off on January 9th, and ended with victory for the Even and Campus teams. As these teams were picked from all the class teams, they tended to sift out from the classes the better players who were thus given credit for their ability and efforts. The Odd-Even game, if stressed more, will probably become of more and more importance to the basketball season.

Second teams were formed this year for the first time, and while they may not have resulted in any great display of superior basketball, they tended to relieve the rather hopeless feeling that has been current among members of the class squads up to now. Rather than be there merely to be "practiced on" second team material have been given an incentive to get up a little team-work and to improve in shooting. While active measures have been taken, by abolishing Varsity competition, to foster more spirit among classes and to increase the prestige of class and Odd-Even teams, it remains to be seen in the next two years just how well this idea will work out.

The season's games were as follows:

First Teams

Sophomore-Freshmen

Won by Sophomores... 18-12

Senior-Junior

Won by Seniors... 15-7

Winners

Won by Seniors... 28-18

Losers

Won by Freshmen... 29-12

Second Teams

Senior-Junior

Won by Seniors... 23-7

Sophomores-Freshmen

Won by Freshmen... 13-12

Winners (Forfeited by Seniors)

Losers

Won by Sophomores... 18-8

Odd-Even Games and Campus-Non-Campus games were won by Evens and Campus.

OUTSIDE THE WALLS

Rand School Announcements

This evening at 8:30 p.m., Sherwood Anderson is lecturing on "The Creative Impulse" at the Rand School, 7 East 15th Street.

On Saturday, February 7, at 1:30 p.m., Meyer London is commencing a series of lectures on Russia at the Rand School. At 3:30 p.m. Sherwood Anderson will give the last lecture in his course on literature. The subject will be "America, the Storehouse of Vitality."

On Wednesday, February 11, at 8:30 p.m., Carl Van Doren will lecture on Love in American Literature at the Rand School.

Classes will be held as usual on February 12.

How Holyoke Students Spend Their Time

At Mt. Holyoke College the class in statistics was curious as to just how college students spend their time. Schedules containing all possible activities were distributed to one-half of the student body, selected at random.

It was discovered that the ordinary student gives about five hours and a half a day to academic work, scheduled appointments and preparation for classes. She sleeps a little more than eight hours a day, spends an hour and a half at meals, exercises for an hour and twenty minutes, spends forty minutes in Chapel and other religious services, and has the rest of the day, six hours and a half, to use as she likes. Most of it goes in talk and various kinds of recreation.—From "New Student."

MATHEMATICS

A FIELD FOR WOMEN

(Continued from Page 1)

as associates of the Actuarial Society of America. This society reports at present only seven women associates.

Many women are employed in statistical and research work. This covers many fields such as the analysis of financial reports of subsidiary committees, the labor turnover, the study of wages in industry. Advertising agencies have found women successful in the direction of departments for organizing statistical material. There is no inherent limitation in statistical and research work for women, although as yet they have seldom been accepted in research positions.

Mathematics, however, cannot be limited to the fields mentioned above. The extent of the science may only be realized by a survey of almost every business and numerous professions.

The following Barnard girls are employed in the various above mentioned fields:

Anne Seward '02 is in the business department of the Empire Trust Company.

Gertrude Cahill Hollingshead '23 is a clerk in the investment department of the Farmer's Loan Company.

Adelaide Lochersen '10 is doing underwriting for the Guardian Life Insurance Company.

Margaret Meyers '20 is working as a statistician with the East Harlem Nursing Demonstration.

CALENDAR

Monday, February 9:

4 P.M.—Newman Club meeting; Carlton J. Hayes will speak.

4 P.M.—Menorah, regular meeting.

Tuesday, February 10:

Assembly.

4 P.M.—Italian Club, regular meeting.

Wednesday, February 11:

4 P.M.—Journal Club meeting.

Thursday, February 12:

4 P.M.—Alumni Day.

JAPANESE LABOR SITUATION TO BE DISCUSSED

Mr. Kagawa, Japanese Labor leader, will speak at International House, 129th Street and Riverside Drive, Friday evening at 7:30 on the present Japanese Labor situation. He is particularly able to make vivid and realistic the presentation of this problem, as he combines arguments with a keen humanitarian interest in the workers themselves. Mr. Kagawa's book on Japanese Labor has been in such demand not only in his own country, but also abroad, that it has been necessary to print 200 editions. He has also spent two years in the slums of Koby, Japan.

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STUDENT GOVERNMENT PRESIDENTS TO MEET AT BARNARD

There will be an informal conference of the student government presidents of Smith, Radcliffe, Mount Holyoke, Vassar, Bryn Mawr and Barnard over the week-end of February 13th to 15th to discuss more fully some of the problems which were brought up at the large intercollegiate conference in November. Barnard is to be the hostess. The probable topics for discussion are:—

1. Relative value of various forms of student government.
2. Student participation in discussions of the curriculum.
3. Stimulation of public opinion.
4. Eligibility systems, flexible or arbitrary.
5. Honor systems. Shall they be on an idealistic basis? Over how many phases of college life can they be extended?
6. Relations of the college newspaper to student government.
7. The smoking problem.
8. The responsibility of the college to the individual. Shall there be rules to cover all phases of college life?

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IMPORTANT NOTICE REGARDING DEFICIENCY EXAMINATIONS

Deficiency examinations will be held in the week of February 16th to 21st. These examinations are open to students who have received F (D in excess of 6 points), provided the term work in the course has been of grade C or higher.

(2) Students who have been absent from the midyear examination in any course, provided their term work in the course has been of satisfactory grade.

On and after Wednesday, February 4th, students can obtain from the Registrar information regarding the course or courses in which they are eligible for examination or re-examination.

APPLICATION BLANKS for these examinations can be obtained at the office of the Registrar between Monday, February 2nd, and Friday, February 6th inclusive. They must be properly filled out and returned with the proper fees, so that they are in the hands of the Registrar of Barnard College BEFORE 4 o'clock on FRIDAY, FEBRUARY 6th. Late applications will be accepted only upon payment of an additional fee of \$6.

Students are requested to file with their applications time cards which may be referred to when the deficiency examination schedule is made.

The schedule of these examinations will be posted on the bulletin board at Barnard College about February 12th.

A. E. H. MEYER,
Registrar.

PROFESSOR BALDWIN AND PROFESSOR KELLER HAVE SABBATICAL LEAVE

Professors Keller and Baldwin will take their Sabbatical leaves this semester. Professor Keller has gone to Paris to interview the American students who are studying there with the aid of French scholarships. After her stay at Paris, she will visit Bordeaux and will then travel through Morocco. As yet she has made no plans for the summer.

Professor Baldwin will also go to Paris first, where he will study at the Bibliotheque Francaise for a few months. Later, he will probably spend some time at Cambridge.

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PHI BETA KAPPA TO RAISE MEMORIAL FUND

Phi Beta Kappa celebrated its 148th anniversary in December and launched a campaign to raise a million dollar memorial fund for its 150th anniversary in 1926.

The fund is to be divided into three parts. \$100,000 will go to erect a building on the campus of William and Mary College at Williamsburgh, Va., where the organization was born. Another sum will be set aside for a statue of John Marshall, first Chief Justice of the United States, who was one of the fifty charter members.

The third part will go for a nation-wide crusade in the interests of higher scholastic standards. In many colleges and universities the society has only been honorary, and members have not been admitted until just before graduation, thus taking little active part in the society's affairs. It is going to encourage deserving students, not only by giving honors but also granting fellowships and scholarships to enable students to continue their studies when they cannot otherwise afford it.—From "New Student."

LOST—Saturday Noon—Lady's Φ BK Key; inscribed "Helen Barton—Barnard 1920." Finder please notify BULLETIN.

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