

ARCHITECTURE GRADUATES WIN HONORS

Andrew N. Rebori 1907, holder of the Institute's Travelling Fellowship in Architecture for 1907-8, returned to America last week after 13 months travel and study in Europe. On his visit to Prof. F. W. Chandler, head of the department of architecture, he exhibited a large number of sketches made abroad, and also turned over to the department the two envois that he was required to make.

Rebori began his trip at London and worked from there through Belgium and France into Italy, spending five months altogether at Paris and six in Rome. One of his envois was made at Paris and consists of a measured drawing of "La Fontaine de Grenelle," rendered in ink. The other is an elevation of Raphael's Loggia in the Vatican at Rome and is a remarkable piece of work, all the marbles and mosaics being faithfully represented in color. These drawings are to be placed on exhibition in the exhibition room of the department this week.

C. C. Clark 1910, during the summer won third prize in the competition of the Brickbuilder magazine for a brick house, not to exceed \$10,000 in cost. Third prize was \$150.

Registration in the architectural department will run nearly twenty above the number for last year in the second, third, fourth and fifth years. Several classes are so large that they can not be accommodated in the drawing rooms. The work of the department has been facilitated this year by the appointment of an instructor to assist with the classes in perspective, working drawings, and construction design.

R. J. Batchelder '08, holder of the Travelling Fellowship for 1909-10, and Rinker Kibbey '08, former Tech Show star, went abroad in August for a year's travel and study. Miss Mabel Babcock 1908 and Cecil F. Baker 1907, are also abroad. Edgar J. Williams 1908, winner of the American Academy of Rome scholarship in architecture, left in August to take up his three years' residence at the Academy in Rome.

PHYSICAL RESEARCH DURING SUMMER

Dr. Comstock Probes New Theory of Diamagnetism

During the past summer, the laboratories of the Institute have not laid idle. In the Physical Department, a research work has been carried on by Dr. Daniel F. Comstock and Mr. G. E. Batchelder.

In the field of magnetism, a number of questions have arisen, and it is in an attempt to settle these points that these instructors have begun the research. Do all substances possess two kinds of magnetism? Is even iron diamagnetic? Research alone can throw light on the ultimate nature of magnetized bodies. That two different kinds of magnetism exist in the same body is probably the reason why magnetic phenomena seem so complex and why at the present day so little is known of the subject. A theory has been advanced that the two magnetisms exist in all bodies, and is now being tried out. As there is no known way to separate the two types, if they exist, and study each separately, Dr. Comstock and Mr. Washburn have devised a method which gives promising results. In this method, a piece of iron is saturated by a powerful electro magnetic, and then when the ordinary magnetic property is thus practically paralyzed, its effects having reached a supposed maximum, experiments are made to detect any diamagnetic properties. Results have not yet been completely reviewed, but those now obtained seem to point towards the existence of the diamagnetism in iron. An extension of this theory would lead to the belief that in all substances the two kinds co-exist, and that a substance is magnetic or diamagnetic according as one or the other property predominates in it.

NOTICES.

Faculty Notice.

Course K.—Steam engineering, Monday 12-1 changed to Monday 11-12.
Course XIII.—Steam engineering, Monday 12-1 changed to Monday 11-12.
Hydraulics, Monday 11-12 changed to Monday 12-1.

Text-Book.

"The Polaroscope in the Chemical Laboratory," published by Macmillan.
GEO. W. ROLFE, Instructor.

First Year.

Section 20—Mathematics will recite in room 26, Rogers.

Options in General Studies.

Italian and Spanish were listed on the General Bulletin under the General Studies. They are, however, not accepted by special Faculty action for the Option in the General Study.

WALTER HUMPHREYS,
Registrar.

Industrial Chemistry.

The exercise in Industrial Chemistry on Monday, October 4th, will be omitted.

Banjo Club—Trials Monday, 4:15, at Union. Everybody gets a chance, come around.

Room in Jamaica Plain; 20 minutes to Institute. Good table board available near by.

Phone Jam. 847-5 T. E. SEARS,
M. I. T. 1903.

WIRELESS SOC.—Meeting of all officers and the board of directors in the Union, Monday at 4.00. Very important that all should be present.

Meeting of the Tennis Association, to elect officers and make tournament arrangements. All interested come. 21 Rogers. 1:00 Tuesday.

Musical Clubs.

BANJO CLUB—Trials at Union, 4:15.
GLEE CLUB—Meeting at Union, 4:15, to elect officers. All come.

WANTED—A reader to spout funny and other stories. Try out at Union, 4:15, Wednesday.

Course B, military science will meet Tuesday, 4:15, in Room 32, Eng. C.

TO LET—Large room for two, at 109 Summer street. Som. 22 min. from Tech. Room and two meals per day \$4.50 per week.

1913—Appointments will be made in Freehand Drawing classes to meet Coach Kanaly for physical examination between 1 P. M. and 3 P. M. everyday except Saturday of this week.

CROSS COUNTRY

(Continued from page 1.)

B. Jones, H. Sockett, G. F. Shaffer, N. Ronschoff, C. L. Batchelder, W. S. Davis, B. C. Huber, L. O. French, E. S. Howe; from 1911, W. C. West, H. S. Lord, H. G. Jenks, P. D. White, R. D. Van Alstine, J. D. MacKenzie, C. P. Eldred; from 1912, J. I. Taylor, K. Cartwright, V. V. Ballard, W. T. MacCradie, E. Montgomery, E. W. Wettengel, H. S. Benson, H. G. Watkins, W. A. Rhodes, L. M. White, R. M. Ferry, G. L. Sawyer, H. M. Foley; for 1913, J. C. MacKinion, Bonney, H. M. Lawrence and Bylund.

EXCHANGES.

At Tufts this year there is to be a freshman course by President Hamilton and members of the faculty for the purpose of instructing students on the actual meaning and work of the various professions, and what is necessary in preparation for them.

Princeton has this year instituted a Senior Council, which provides places of refuge for harrassed underclassmen. No hazing is allowed in or near University buildings, in the rooms of a sophomore or a freshman, or until one hour after the close of the formal opening exercises of the University.

UNION DINING ROOM MENU

DINNER.

Monday, October 4, 1909.

Chicken with Rice.
Fried Cod and Salt Pork Rasher.
Beef Croquettes with Macaroni.
Roast Lamb, Brown Gravy.
Lettuce and Tomato Salad.
Apple Pie. Ice Cream.
Tea. Coffee. Milk.
Forty Cents.

BREAKFAST.

Monday, October 5, 1909.

Sliced Peaches in Cream. Apple Sauce.
Grape Nuts. Oatmeal.
One Lamb Chop and One Bacon Rasher.
One Fried Egg and Ham.
One Baked Potato.
One Roll. One Butter.
Tea. Coffee. Milk.

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