

Biochemist from Columbia Speaks to Sigma Xi Meeting on Blood Complement

Dr. Michael Heidelberger, professor of biochemistry at Columbia University, spoke at the recent Sigma Xi meeting. Dr. V. I. Komarewsky, research professor of chemistry at Illinois Tech, presided at the meeting which followed the society's banquet in the Student Union last Tuesday.

The Columbia doctor delivered an address to the members on "Blood Complement." Blood complement, a substance contained in the blood in addition to the red cells, white cells and plasma now familiar even to the layman, was described as a 'chemical curiosity, diagnostic drudge, and intensifier of immunity.'

Freshly drawn blood, said Professor Heidelberger, is an extraordinarily complicated and unstable conglomerate of cells and dissolved materials. After it clots, the clear serum which may be drawn off is found to have unusual properties. These are ascribed to complement, or alexin, an unstable complex of serum constituents. Complement is removed from the serum by many immune reactions.

Books Await Claiming at Maintenance Department

Have you lost a book? A key? Or a ring? The place to inquire for lost items is the office of the maintenance department.

The maintenance department has undertaken control of lost and found articles since January 1, and at present have a variety of unclaimed items ranging from rubbers to sunglasses, with a generous supply of books and slide-rules in between.

Lost items can be called for at 3222 S. Federal Street which is adjoining the main building.

Annual Picnic Held by the Medical Arts Guild May 20

Members of the Medical Arts Guild held their annual picnic Sunday, May 20, at Brookfield Zoo. The picnic included a tour of the zoo.

As next Wednesday is Memorial Day there will not be a meeting until June 8.

Bill Rohrer



IFC DANCE—Bill Rohrer is the leader of the band which will provide music for the Inter-fraternity Dance to be held June 2 in the M. M. club of the Merchandise Mart.

Bids for IFC Dance Are Still Obtainable

The band of Bill Rohrer will provide the music for the Inter-fraternity Dance to be held June 2 in the M & M Club of the Merchandise Mart. June Garfield, his vocalist will accompany him. The dance will start at 9:30 a.m. and end at 1:00 a.m. said Fred Olson, social chairman of Phi Kappa Phi, which is in charge of the dance. Any fraternity man wishing to go to the dance may still obtain tickets from Fred Olson or Joe Delaney.

Kiva to Hear Jazz Lecture by Hayakawa

The Kiva Club will hear Dr. Samuel I. Hayakawa, professor of English, give his lecture on "Jazz" as soon as the time can be arranged, announced Joanne Nicholls, the vice-president. Those interested should contact Nicholls, as she is trying to arrange a time suitable to all.

Dress Inspections Not Required of Navy V-12 Trainees

Saturday dress inspections are not required of V-12 trainees according to the V-12 Bulletin. Lt. Sessions, commanding officer of the Navy V-12 unit at IIT, said today that such reviews and inspections are left up to the discretion of the commanding officers of the various units. Lt. Sessions feels that, if the men stay "on the ball" during the week, they deserve the entire weekend. For this reason he has not held any reviews up to the present time. This allows the men an extra two hours of liberty and, in many cases, is the determining factor as to whether they get home or not. Formerly many men missed trains home, due to the time consumed by inspections. There definitely will be at least one dress review before the end of the term, he added.

Lt. Sessions also stated that the Saturday morning drill periods are proving very effective. The appearance presented by the trainees on the drill field and when marching to mess is an improvement over last term.

Bicek to Demonstrate X-Ray Equipment Friday

Student members of the American Chemical Society will have an opportunity to see the new X-ray diffraction unit in operation next Friday. Dr. Edward J. Bicek, instructor of chemistry, will demonstrate the instrument at a meeting to be held at 11 a.m. in the X-ray laboratory, 3rd floor, Chapin, Friday.

Bicek will show some of the patterns that have been obtained with the new instrument and will explain its operation and use.

The equipment is valued at \$6,000 and is a General Electric unit. Installation of the laboratory took place recently.

There will be a very brief business Chemistry and chemical engineering discussion before the lecture. Chemistry and chemical engineering students are invited to attend.

Placement Bureau Offers Graduates Many Positions

Through the placement bureau at Illinois Institute of Technology, each June graduate this year has already received between 25 and 50 offers for permanent employment in industry, according to John J. Schommer, director of placement.

Evening Dean



RETIRING DEAN—Henry P. Dutton the retiring head of the Evening School, will confine his efforts to the development of the industrial engineering department.

Since the inception of the placement service in 1938, the department has had a near-perfect record in finding well-paying jobs for its graduating engineers. The average monthly salary has risen to approximately \$200.00 for the basic forty-hour-week, nearly double the starting figure paid during the period from 1932 to 1938.

According to Schommer, there is a decided shortage of trained engineers today due largely to the war. The supply has been cut off at its source by the selective service system, which has taken approximately 25,000 engineers into the armed forces as privates. Engineers have never been numerous; but now, states Schommer, they are near the vanishing point.

Forty-five civilian men will obtain degrees from Illinois Tech this June in one of six categories: mechanical engineering, chemical engineering, civil engineering, fire protection engineering, electrical engineering or industrial engineering. These men are all classified as 4F, 1CLU (returned veterans) or 1AL (qualified for limited service only).

There are a great many jobs to be had with salaries ranging from \$5,000 to \$15,000 a year for men trained as supervisors, superintendents and top-flight engineers. Industry, represented by such concerns as Goodyear, Firestone, General Electric, Westinghouse, Kimberly-Clark, General Motors, and others, is becoming more than ever sold on those students with advanced degrees, states Director Schommer.

Solve Problem By Calculator

The solution to the first problem to be set up by IIT's ac-network calculator was completed last Friday. The Wisconsin Public Service Corporation used the board last week to analyze problems connected with setting up two new power lines in conjunction with existing equipment.

"Everything was very successful. We solved some problems that could not have been solved in any other manner. A lot of credit is due to the men who set up the problem", said G. S. Meyrick, company engineer. During the solution of the problem, the breakdown of one capacitor caused the only delay. Repairs took one hour.

Final calibration and checking of the calculator was completed by Lester Le Vesconte, who is in charge of the board, on May 19, after the arrival of the unit's motor-generator power supply.

The Wisconsin Electric Power Company is using the board this week to analyze problems. Dedication of the board will take place June 15. Representatives of the sponsoring companies will be present for the ceremonies.

Electron Microscope Photos on Exhibition

Growing student interest in the electron microscope has caused the graphs taken under high magnification by members of IIT's physics department to exhibit photo-tion. These pictures are posted on the bulletin board on the third floor of physics. Prof. Paul L. Copeland, director of electron microscope research, says he plans to post new pictures at regular intervals.

The pictures now on display are of commercial grades of carbon-black. These were taken in connection with recent research on carbon-black. Copeland said this problem is very critical, as carbon-blacks are needed as fillers in the production of rubber and there has been difficulty in meeting production schedules of high grade carbon-black.

Sophomores to Hold Class Basket Picnic

The sophomore class will hold its basket picnic at Tremont Indiana on June 17th said De Witt Pickens, class president. Transportation will be provided by the South Shore line trains. Trains leave every hour at the Randolph and Michigan station. The train fare is about \$1.25 for a round trip ticket for navy men and \$1.50 for civilians.

The meeting place is the Shelter House located about two blocks from the train station. Dinner will be eaten at 1 p.m. The sophomore A's will play the sophomore B's in a baseball game at 3 p.m. After the game is expected that everyone will go to Miller's beach on Lake Michigan to swim for the rest of the afternoon.

IVCF Has Staff Speaker

Paul Beckwith, a staff member, will be the guest speaker at the Inter-Varsity Christian Fellowship meeting today. The meeting will be held in the S.U. auditorium at 5 p.m.

Fraternities & Sororities

Scouting Executive Addresses Fraternity

John Troike, executive of the southwest district of the Chicago Council of the Boy Scouts of America, spoke to members of Alpha Phi Omega about the district areas and nearby camps. He also talked about the powwow which took place over the week-end in Marquette Park.

Mr. Troike said that in getting a chapter started on the IIT campus, the main thing is to get behind the faculty advisors. Scouting can be helped by the conducting of a program by Alpha Phi Omega in the teaching of the techniques of scouting to the district patrol leaders. Help is also welcome at camping activities.

Delta Tau Deltas Plan Senior Farewell

Delta Tau Delta was honored by a visit from Don Wernike last Wednesday. He is on his way to radio tech school in the south.

Brother Emil Witer, who resigned as chapter advisor due to business, has been succeeded by Brother Lou Jacobs.

A senior farewell is being planned for June 16 at the home of Brother Winter in Oak Park.

This party will also be especially in honor of and in appreciation for the good work done by Winter and as an introduction of both the chapter to Jacobs and Jacobs to the chapter.

The chapter will attend the Inter-

fraternity Ball on June 2 to help them warm up for June 16.

Lambdas Plan Party For Eta Kappa Nu

A party has been planned for the members of Eta Kappa Nu, honorary electrical fraternity, by the Sigma Omicron Lambda sorority. The party will be held Sunday, June 3, at the home of Claire Brinkerhoff, in Flossmore, Illinois.

The Lambdas held their monthly business meeting Sunday at the home of Hope Iversen. Final plans were made for a week in the country. The sorority will again have a cottage at Powers Lake for the first week after school is out.

Harold and Edwards Are Kappa Initiates

The two pledges of the Kappa Phi Delta sorority will be informally initiated June 3. The initiation will take place at the home of Raleighnae Patterson in Beverly Hills. The pledges are Clarice Harold and Jacqueline Edwards.

The informal initiation will be held at the home of one of the alumnae, Mrs. Meredith. It is a custom of the Kappas to have one of their initiations at the home of an alumnae.

Pi Kappa Phi Alumni Visit Armour Campus

Three Pi Kappa Phi alumni returned to the Armour campus last week to visit the active chapter.

They were Ensign Ray Tubergon, John Roach, and Ronald Ailaria.

Tubergon stopped over in Chicago en route to the west coast, where he is joining his submarine. Roach, who has been stationed at Navy Pier in the radio tech school, was on leave before being sent to California. Also in radio tech, Ailaria was traveling under delayed orders en route to Michigan from Ward Island, Texas.

A news-letter to all alumni of the fraternity will be mailed this week. A/S Ray Olson, historian and A/S Don Helbling, corresponding secretary are in charge of the arrangements.

A combined active and pledge meeting will be held on Wednesday at 5 p.m. in 405M.

Praetorians Pledge Five; to Present Play

Five men were pledged to the Praetorian fraternity at the last meeting. These men are Louis Joseph, Sam Altschuler, Jay Seidman, Melvin Feldman, and Harold Edelmna.

Due to the fact that Praetorians are a non-hazing fraternity, the pledge duties were limited to becoming known to the actives by getting their signatures.

The ending of the pledge period will be highlighted by a party on June 16. The main event of the party will be a play presented by the pledges. The type of play to be presented will be unknown to all but the pledges, since all rehearsals will be done in secret.

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