

# THE CAMPUS

Undergraduate Newspaper of the City College Since 1907

Vol. 96, No. 21

WEDNESDAY, MAY 4, 1955

232

By Student Fees

## C to Decide in Referenda for Election

Student Council will consider the proposed by-law, the Coordinating Agency would be composed of one delegate from each campus club, and would have power of supervision of such club activities as the scheduling of social events and the raising of funds to clubs requesting under fifty dollars.

The motion was originally proposed at the first Student Council meeting of the semester. It was at that time referred to the permanent Structure Committee for consideration.

The referendum under consideration will be the amendment of the Student Government Constitution proposed by SG Vice-President Martin Gruberg '55, to allow the elected positions of secretary and treasurer, two Associate vice-presidents to be elected in place of the positions. The duties of secretary and treasurer would be taken by people appointed by the council for "periods of good conduct."

Approval will also have to be given to the holding of a referendum on the issue of membership lists. Although SC rejected the proposal to place it on the agenda a week ago, over one thousand signatures have since been obtained on petitions advocating the referendum.

The total membership of SC increased by one yesterday with the disqualifying of Lem Howell, who was disclosed to be ineligible.

## Campus to Interview Council Candidates

The Campus will interview candidates for Student Council major offices Thursday, May 5, from 4:30 to 6 for endorsement.

Candidates for other offices will be interviewed Friday, May 6 between 3:30 and 6.

Applicants are requested to sign up for appointments in the Campus Office in 15A Main. Written statements will be accepted from those who cannot attend the interviews.

## IFC Charter Hit by Frats

The Constitution of the Inter-Fraternity Council was assailed as being inflexible and highly outmoded at a meeting of the College's fraternity presidents, held last Friday in the Faculty Lounge.

At the meeting, which was addressed by Mr. Stamos Zades (Student Life), there was a general feeling by many of the delegates that the IFC constitution, drafted in 1947, is thoroughly unworkable at this date and is therefore not respected by the member fraternities.

The function of the IFC, the presidents agreed, should be to publicize fraternities on the campus, to bring about worthwhile school projects by pledges and to act as the voice of the fraternities at the College.

IFC has decided to sponsor a "Greek Week" early next semester. The week will feature athletic events including interfraternity competition in softball, track and swimming. The highlight of the week's affairs will be a dance.

## Classes Suspended Tomorrow For Charter Day Ceremonies

By Al Perlman

All 10 and 11 o'clock classes will be suspended tomorrow to allow students and faculty to attend the Charter Day ceremonies at 10:30 in the Great Hall.

Rev. William J. Mulloy, counselor to Catholic students at the College, will give the Invocation and Benediction for the 108th anniversary of the founding of the College.

Associate Justice Felix Frankfurter of the United States Supreme Court, president of the class of 1905, will deliver a tribute to the late Justice Oliver Wendell Holmes.

A copy of the Gutzon Borglum death mask of Mr. Justice Holmes will be presented to the College in honor of Justice Frankfurter by the Philadelphia Community Foundation.

Pres. Buell G. Gallagher, who will preside over the ceremonies, shall accept the presentation from Mr. Arthur W. A. Cowan, a trustee of the foundation.

### Citation to Frankfurter

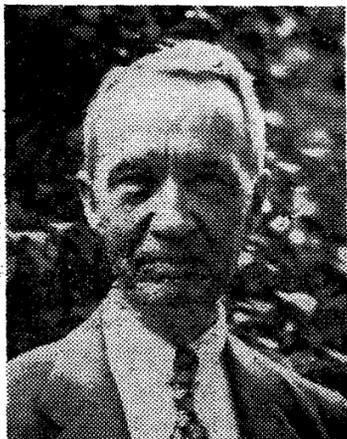
A citation for distinguished service to humanity in the field of jurisprudence will be given to Justice Frankfurter by the College's Student Government.

Student Government will also present its annual Human Relations award, in absentia, to famed philosopher and medical missionary, Dr. Albert Schweitzer.

### Athletic Awards

College athletes who competed during the spring 1954, fall and winter sports seasons, will be awarded 220 major and minor varsity letters during the program.

Edwin S. Trautman '55, editor-



A span of more than half a century will be bridged by Kenneth Groesbeck '05, when he speaks at the City College Charter Day exercises Thursday morning.

Fifty-two years ago, in 1903, Mr. Groesbeck was chosen to speak at the installation of the late President John H. Finley at Carnegie Hall on behalf of the student body. He spoke on a program that included Nicholas Murray Butler and Grover Cleveland.

Thursday, he returns to the College to deliver the traditional greetings on behalf of the 50-year class in the Great Hall.

Mr. Groesbeck is a former member of the alumni association board of directors and holder of the alumni service medal.

## School Invited To Tech Day

An invitation has been extended to all non-technology students to attend Engineers' Day and "see what the other half lives like" by Leonard Sugin '55, chairman of the E-Day committee.

"Attending this Saturday's affair," said Sugin, "will give the Liberal Arts students a better idea of the engineer's curriculum and training."

Engineers' Day will begin at 9:15 Saturday morning, when tours will leave for the laboratories and other points of interest. The tours will end at 11 in the Tech Gym and visitors will be served refreshments.

### Machinery On Display

Different types of machinery, gadgets and electronic equipment will be displayed and operated by Engineering students at the college. Many of the machines in the Mechanical, Electrical and Civil Engineering Laboratories will be in full operation.

At 11:45, Eta Kappa Nu will conduct a question and answer period in Drill Hall.

### Invite High School Seniors

The engineers expect to play host to high school seniors, pre-engineering students from other municipal colleges, alumni, and representatives from industry.

—Kraut

## Pre-Meds to Receive Dr. Salk Scholarships

By Joe Spadaro

Eight Jonas E. Salk scholarships of 3,500 dollars each have been established by the city for post-graduate study in medicine, two to be given to each of the four municipal colleges.

A formal proposal for the scholarships, recently made by Mayor Wagner to the Board of Estimate of the City of New York, was approved by the members of the board. It will be submitted to the Board of Higher Education by Friday for administrative clarification.

The BHE will decide how the recipients of the awards are to be selected, and whether the fellowships will be open to seniors matriculating this June. The Board also will reveal within the next few days how often the fellowships will be awarded.

Mayor Wagner also suggested that the post-graduate studies of recipients of the scholarships be pursued at institutions in the city such as New York University or Columbia University.

"We hope that we can provide our colleges a man or woman who will some day make some kind of contribution to the city as Dr. Salk has made," said...



Dr. Jonas Salk

## 'Truth in Columns' Stressed By Lyons in Finley Lecture

By Nat Benezra

Leonard Lyons, syndicated New York Post columnist stressed the necessity of maintaining "truth in columns" last night.

Mr. Lyons was the guest lecturer in the first session of the seventh annual John H. Finley lecture series on "The Newspaper and Society." The discussion took place in the Faculty Room.

He told the audience that errors in truth can become deliberate when circulation and attention getting become the sole measures.

Column writing today was described as a "mass of illiteracy" by Mr. Lyons in a time when "it is chic for the columnist to be illiterate."

"The role of the columnist is an unusual one," according to Mr. Lyons. "Although you've never voted before," he said. "You can tell others how to vote and you can be an expert on Formosa although your sole experience with the subject has been three visits to Ruby Foo's and a passing acquaintance with Anna May Wong."

A promise he made to himself thirty years ago was fulfilled last night, according to the columnist. Referring to an error concerning his undergraduate days, Mr. Lyons said "I'm not a graduate of City College, although I did spend two years in Evening Session."

"I said I'd be back when I walked out one night thirty years ago," he stated. "It's been a long journey, but I kept my promise."



Leonard Lyons

in-chief of **The Campus**, will deliver a report on the All-College Conference, held last Wednesday.

Mr. Kenneth Groesbeck '05, former member of the Alumni Association Board of Directors, will speak at the ceremonies as a representative of the alumni.

Seats have been reserved for seniors and winners of athletic and student government awards. These students must be in front of 112 Main at 10.

Dr. Arthur Mallon (Education), the Chief Marshal, will lead the procession.

"I hope no students will stay away because it is a nice day," said President Gallagher. "Those who stay away cheat themselves as well as their alma mater," he added.

### Merc

Mercury, the College's humor magazine, is now accepting material for future issues. Contributions should be brought to the Merc office, F3, Army Hall sub-basement.

Humorous poems, short stories, cartoons, and jokes are desired. Material may also be mailed to Mercury, Box 23, at the College. Mercury's Spring issue will appear in two weeks.

# An Open Letter To The President

By Jerome Jacobson '51  
[Former Campus Sports Editor]

Dear Dr. Gallagher,

It has come to my attention recently that Mr. Harold Anson Bruce, coach of City College's track, field, and cross-country teams during the past decade, is to be retired at the conclusion of this semester, against his wishes and against the judgment of almost ten years of City College athletes, sports fans, students, and friends of the College.

According to some sources, "Doc" will reach the mandatory retirement age—is it 65?—before the next semester begins and, this being the case, his retirement is final.

But I have also heard this: that Doc, because he does not have tenure, is exempt from the rule that would retire him, under normal condition; that because of his non-tenure status, some loophole may be found—and has been found in the past for other instructors—that could keep him where he wants to remain, where he is loved, and where he belongs—on the campus of City College!

Why the impassioned plea, you ask, Dr. Gallagher? After all, Mr. Bruce is not one of the titans, certainly, of City College's faculty. His is not the scholarship of Gardner Murphy or Hans Kohn, nor the fame of Nat Holman, nor the popularity of Gerry Ehrlich. Why, then, the fuss? Well, sir, I could say it was his hearty, good-natured handling of a physical education class—that had book-weary sophomores running half-mile races and liking them; or the witty, nostalgic stories he spun in his locker-room office about his wondrous experiences at the Athens Olympic games in 1906; or his outspoken opinion of life. These are all pleasant and positive aspects of Mr. Bruce, and they made my own life at the College richer. But these alone would not have given this former member of his track squad, this former "Campus" sports editor impetus to write to you, sir.

No, "Doc" Bruce means more. He represents to me a rapidly-vanishing race of men who can mouth words like, "Now get out there and race your heart out for City College," and sound not only true and sincere, but inspiring—and be truly inspiring, and gather round him a group of young college men whose undergraduate days become something more than a daily drudge, to whom words like "college" and "City College" expand and grow, and take their place in the bright memories of youth. In these times of winner-take-all, "Doc" preaches, "I'd rather lose the meet with a team, than win with a bunch of individuals."

Not that Doc has had many losing seasons. On the contrary, his teams have compiled perhaps the finest records in track and field and cross-country in City College history.

A vanishing race, indeed, these men who say not "Win," but "Do your best," not "For the record," but "For City College," not "Be a hero," but "Be an man." A vanishing race, and City College has been fortunate in having an outstanding member of that breed in her midst. Let her not cast him out, not if it is at all possible to keep him up there on St. Nicholas Heights—where he wants to be, where we, his friends, students, and grateful former athletes, want him, and, indeed, Dr. Gallagher, where he belongs.

# Dr. Gallagher Replies

Dear Mr. Jacobson:

Your friendly and warm letter in support of Mr. Bruce is most welcome. It reflects the feelings and spirit of everyone who knows him—including the undersigned.

Unfortunately, the information you have received is incorrect, in both of its versions. When you do get the correct version, your reaction (like mine) will probably continue to be one of sincere regret; but I trust that the vehemence, even-possible bitterness, which marks your present reaction may pass.

Here are the facts. Mr. Bruce has passed the mandatory retirement age of seventy during the present academic year. The regulations of the Teachers' Retirement System require the retirement of all members of the teaching staff (and Mr. Bruce is a member of the teaching staff) at the end of the academic year during which they reach this mandatory age. This applies whether a man has tenure or not, and regardless of his rank or status.

The regulations permit of special action to make very occasional exceptions to this practice. Indeed, there are a couple of men who are now serving as Lecturers beyond their time of actual retirement. Both of these men are in the School of Technology. A particularly tight market for qualified engineers at the present time has forced the School of Engineering to fill its teaching ranks by hiring these two men on an annual appointment basis. The action is justified not by any considerations of affection, esteem, or desire: it is justified solely by the abnormal situation in which the shortage of engineers makes it literally impossible to find men to fill the teaching posts without special legislation to waive the bylaws in these instances.

The precedent thus established would mean that the possibility of re-engaging Mr. Bruce after his mandatory retirement at the end of this present year would rest in a showing that it is impossible to get any other man to coach track, because of a tight market in track coaches particularly and, because of an undersupply of men in Physical Education in general. Such a showing would have to be made on the initiative of the Department of Hygiene. Will you direct your attention, then, to the actualities of this problem?

With you, I sincerely regret the inexorable march of the calendar which inevitably brings every man to the time of retirement. With me, you will see that there is nothing to be done except to express our profound gratitude to a man who has served long and well, and earned the respect and devotion of all of us.

Sincerely,

BUELL G. GALLAGHER  
President

# LETTERS

To the Editor:

Through the years I have read of times in City College when interest in extra-curricular activities was at a low. This semester it has been at a relatively high level. There have, of course, been a few times when this interest has ebbed. I would like to bring to the attention of the student body one instance of this lack of interest.

On Thursday, April 21, the Psychology and Sociology Societies sponsored a discussion and a film on "Medical Social Work," with speakers obtained through Mt. Sinai Hospital. It was scheduled for 12:30 p.m. At 1:00 p.m. the only people present were three officers from the Psychology Society. The four speakers, who had taken time from their busy schedules to participate in the discussion, had to be sent away.

Fortunately, this is not the predominant trend in the college. However, when two fairly popular groups in the college sponsor a meeting and no members show up, something is wrong somewhere. Of all the students interested in Psychology and Sociology in City College, aren't there a few who would attend a meeting that caters to their interests?

What is it that keeps people away? Perhaps it is a lack of sufficient publicity. Perhaps it is a lack of interest on the part of the student body. Whatever it is, we can let the student body know of the situation and hope that the students will help correct this situation.

Herbert Friedman, Vice President  
The Psychology Society

To the Editor:

I deeply regret to note the obviously false estimate of the number of students attending the All College Conference as it appeared in the issue of April 28, 1955.

Throughout the period of the Conference, various members of the Committee visited the respective panels and their estimate of the numbers in attendance varied considerably from the estimate as it appeared in *The Campus*.

The members of the Committee have estimated that at varying times during the Conference, the numbers in attendance ranged from 550 to 700.

H. J. Carter, Chairman,  
All College  
Conference Committee

# Positions Available In NSA Congress

Application blanks for positions on the College's delegation to the Eighth Annual National Student Association's Congress this summer are now available in the Student Government office, 20 Main.

The Congress, which will be held from August 21 to August 31 on the campus of the University of Minnesota, will be composed of more than 600 student leaders from colleges throughout the country.

# GALA SPRING FESTIVAL

THE ANNUAL SPRING FESTIVAL sponsored by the Newman Club of CCNY and co-sponsored by Theta Kappa Phi Fraternity will be held on SATURDAY, MAY 7th at 8:00 P.M. The Dance will be held at Our Lady of Lourdes School auditorium, 462 West 142nd Street.

Music by JACK FIGARI and his Quintet.

Donation: \$2.00 per couple; \$1.25 per person.

# Kindle Set for Rock Fight With Yale Over Cow-Heads

By Jack Schwartz

Thar's a-feudin', a-fussin' an' a-fightin' up in the Newfoundland hills, the combatants involved being Prof. Cecil H. Kindle (Geology) and a group of Yale professors.

Caught in the midst of this vendetta are the dead and the dying rocks, being hammered to infinity by Professor Kindle in his quest for triumph over the enemy at Yale.

Professor Kindle has been aided by the Geological Society of America which has given him a grant of 1,900 dollars to advance his theory on cow-head conglomerates in Newfoundland this summer.

### Disprove Theory

Professor Kindle will attempt to disprove the theory of the Yale geologists who claim that part of the rock strata in the Newfoundland area was caused by an immediate upheaval.

However, Professor Kindle contends that the present formation of the rock strata was not caused by an immediate upheaval but by gradual recurring movements culminating in the present form of the rock strata.

### Fish and Fossils

Since the fishing up around Cape St. George and Bell Isle in the Newfoundland Area is so good in the summer months, it is suspected that fossils won't be the only thing that the notorious boulder-buster will be angling for. But he intends to be wary lest someone should abscond with his fossils while he is mixing business with pleasure.

The accomplished geologist, who has previously spent four summers in Newfoundland engaging in research for an oil



company, intends to crack rocks all summer long.

# Entries Due May 12 For Council Awards

Applications for Student Council awards must be submitted before Thursday, May 12, in 20 Main.

The awards will be given to students who excel in leadership, service, and co-curricular activities at the College.

Those students who still wish to submit applications may obtain forms in 20 Main. Late applicants are asked to fill out and submit their applications as soon as possible.

# THE CAMPUS

Undergraduate Newspaper  
The City College

Vol. 96, No. 21

Supported by Student Fees

### The Managing Board:

EDWIN S. TRAUTMAN '55  
Editor-in-Chief

RONALD SALZBERG '56  
Managing Editor

FRANCIS FARBER '55  
Associate Editor

ROBERT MOSEKIS '57  
Features Editor

MARTIN RYZA '56  
Sports Editor

ELI SADOWNICK '57  
Copy Editor

JERRY STILKIND '56  
Business Manager

HENRY GROSSMAN '57  
News Editor

BEN PATRUSKY '57  
Associate News Editor

SAM STEIN '57  
Sports Copy Editor

SHELDON SCHERR '57  
Copy Editor

### The Associate Board:

COPY EDITORS: Nathan Benezra '56, Juliette Compante '57, Edward Kosner '57, Allen Kraut '55, Alvin Perlman '55, Maurice Pollock '57, Norma Tannenbaum '58

ART EDITOR: Herb Kaufman '57.

CONTRIBUTING BOARD: Mel Copeland '56, Louise Gross '55, Rayner Pike '55, Phyllis Prager '55, Arthur Stupay '56.

NEWS BOARD: Mel Drimmer '56, Alex Glassman '56, Frank Grande '56, Harry Grassian '56, Martin Greenberg '58, Martin Gruberg '55, Abraham Haberman '59, Gerald Hecht '59, Jackie Katzewitch '58, Senda Kaplan '58, Jerome Karp '57, Larry Levin '57, Vivian Luffig '55, Roslyn Meiselman '58, Elaine Nachby '55, Herschel Nissenson '56, Martin Pollner '57, Doris Ringler '57, Barbara Rich '59, Shirley Rochlin '58, Martin Roscho '56, Stuart Schaar '58, Jack Schwartz '59, Howard Schwartz '58, Cecile Simon '58, Joseph Spadaro '56, Gloria Stein '57, Robert Yellin '58, Vic Ziegel '58.

PUBLIC RELATIONS EDITOR: Anne Dechter '58.

CIRCULATION MANAGER: Gerald Hecht '59.

PHOTO EDITORS: Mort Berger '56, Phil Bergman '55.

BUSINESS STAFF: June Kopf '58, Morton Schwartz '57, Bernice Siegel '58.

MORGUE EDITOR: Marlene Steinberg '59.

ART STAFF: Mel Abramson '59, Fred Brown '56, Stanley Greenfield '57, Barney McCaffrey '55, Agnes Politzer '58, Monica Sankman '57, Sandra Stone '58.

Telephone: AD. 4-9686

Faculty Advisor: Prof. Henry Loeffler

# JEWELRY & WATCHES at WHOLESALE PRICES

I have decided to open up my wholesale stock of finest make watches of all types and all kinds of jewelry, including engagement and wedding rings. You will now be able to buy retail, but pay the low wholesale price. Our expert guaranteed watch repair dept. will of course be open to you also.

SOL SCHWARTZ  
64 West 48th Street  
Rm. 1208 PLaza 7-1548

# EMERALD BAR

1624 AMSTERDAM AVENUE  
(Corner 140th Street)

LJ. 9-9086

SANDWICH SPECIALTIES

Fight leads

the New Prof. Cecil rs. dead and Professor

crack rocks

ay 12 wards

Student must be sub- saturday, May

be given to in leader- o-curricular illege.

who still applications in 20 Main. e asked to their appli- possible.

er Student Fees

ID '56 '56 AN '57 '57 Editor '57 Editor '57 RR '57

ard Kosner '57 annonbaum '58

ayner Pike '55

nde '56, Harraham Haben an '58, Jerome an '58, Elaine is Ringler '57 rt Schaar '58 osephe Spadar

gel '58.

ld '57, Barnet Stone '58.

ry Leffert

LD

AVENUE

CH IES

# College Calendar

### Camera Club

will present a Lecture and Demonstration by Mr. Jon Nichols, M.S., at 12 in 19 Main. The subject is to be announced. Bring cameras.

### Canterbury Club

will meet on Thurs. at St. Luke's Church, 141 St. and Convent St. to hear Dr. Edwards talk "Religion in War."

### F.D.R. Young Democrats

will record the voices of the people that changed the world in Edward R. Murrow's album "Can Hear it Now." Thursday 12:35 in 309 Main.

### Geological Society

will show films, "Face of Time" and "Crystal Gazing" will be shown Thurs. at 1 in 318 Main.

### Hillel

brew language group meets at noon on steps of Lewin Stadium.

### Hiking Club

Meets Thurs. in 312 Main at 12. Hike Sunday, May 8 on Storm King Mt.

### '56 Class Council

The '56 Class Council will meet tomorrow at 12:30 in 109 Army to elect the editor-of the '56 Micro-cosm. It is imperative that every member of the class council attend this meeting.

### History Society

Prof. Bernard Bellush (History) will speak on "Franklin D. Roosevelt," Thurs. at 12:30 in 128 Main.

### IFC

Meeting Thurs. in 206 Harris at 12:30.

## Cadet Review To Be Held On May 12

Reserve Officer Training Corps cadets have been drilling for several months in preparation for the Annual Regimental Review.

The review will be held in Lewishohn Stadium on Thursday, May 12, at 12:30. It also provides an opportunity for the cadets to show themselves en masse to the student body.

Many drill hours have been spent in perfecting their marching movements. Beginning with squads of about eight men, they have gradually increased the size of the units. They now practice maneuvers involving companies of over 100 men.

The review is the only occasion of the year at which all 850 ROTC Cadets assemble in one place to be inspected and march in review.

### ROTC Cadets in Charge

ROTC cadets are solely in charge of the review. Members of the Advanced Corps become the officers in charge of the various units, with officers of the training cadre becoming part of the reviewing party.

The date of the review is timed to coincide with the annual formal inspection of the ROTC unit by an official team from the First Army headquarters.

Awards will be made during the review to various outstanding cadets. This year, seven cadets will receive eleven different awards and medals.

Many drill hours have been devoted to preparing the cadets for the Review.

## Atom-Powered Planes, Plants Not Likely In Near Future, Declares Physics Prof.

By Eli Sadownick

Although an atomic-powered submarine was successfully launched two months ago and plans are being made for the design of a similarly driven merchant vessel, it may take a long time before we see nuclear-powered aircraft or even com-

are being used in shields. But most details concerning effective shielding materials are classified.

An effective shield must be able to stop two kinds of particles—neutrons and gamma rays. Any material which can prevent the passage of these particles will absorb all other radioactive

and iron encasing the reactor core. The shell was surrounded by water. The advantage of this arrangement was that it did not weigh a great deal because the heavy metal shell was close to the core.

There was one thing wrong with this shield, though: it didn't work. Neutrons coming from the core were trapped in the metal and emitted as "captured" gamma rays. These were more radioactive than the original ones.

### Weight Is a Problem

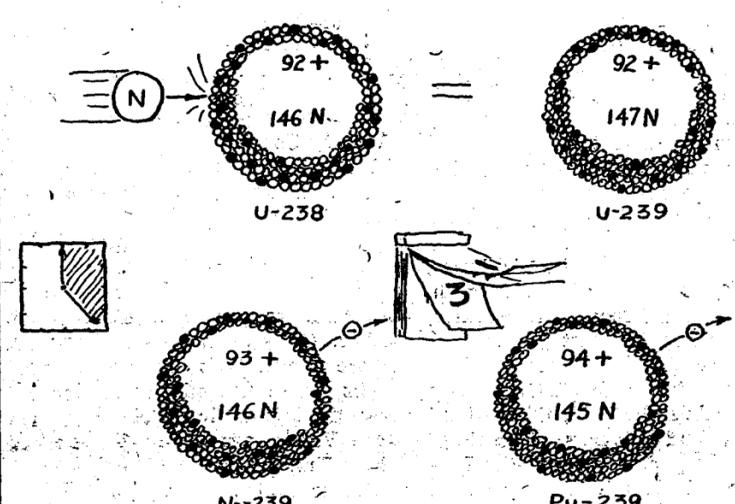
If, to prevent the formation of "captured" gamma rays, the lead and iron shell is put on the outside the shield weighs too much to be put into an airplane.

A material must be found which can absorb both fast-moving neutrons and gamma rays. Its density would have to be such that a shield made from it would not prevent flight when installed in aircraft.

As far as commercial atomic power plants are concerned (or the atomic submarine), the weight of the material shielding the reactor is not of primary importance. The first consideration is: "Can it be made to pay off?" Recent estimates indicate, said Dr. Wills, there is about twenty-five times as much uranium on the Earth as coal.

A reactor which produces as much fissionable material as it consumes is called a breeder. Twenty reactors have been produced under the auspices of the AEC. They are being used for experimental purposes.

The cost of building and maintaining breeders will probably be higher than for conventional power plants, Dr. Wills said. Scarce materials probably will be used because it is likely that they will be found to be best for absorbing radioactive particles.



Uranium (atomic weight 238) nucleus is bombarded by a fast neutron, forming U-239. U-239 emits a beta ray (electron) forming Neptunium (atomic number 93, atomic weight 239). The Np nucleus then emits a beta ray and Plutonium is formed.

mercial atomic power plants, Prof. Laurence A. Wills (Physics) told the Physics Society last Thursday. He said there are many problems which must be solved before the energy present in the atom can be fully exploited. Professor Wills discussed some of the physical and economic problems that exist.

With respect to an airplane, Dr. Wills noted, the difficulty lies not so much with the reactor to be used, but with the material which is to be put around the reactor. Any atomic engine would have to be encased in a shield of such material and dimension that would enable it to absorb a large percentage of the radioactive particles emitted by the reactor.

The reactor used by the Atomic Energy Commission at Oak Ridge, Tennessee was surrounded by seven feet of concrete. Such a shield would be too massive to put into the heaviest of our bombers. Building a larger craft would be no solution because a larger reactor would be required, necessitating a heavier shield.

### Many Details Classified

Perhaps we can make a shield from some other less dense material. Doubtlessly, better materials have been discovered and

particles. Slow-moving neutrons are easily absorbed. Fast neutrons may be slowed down by collisions with nuclei of atoms having approximately the same mass as the neutrons—atoms of low atomic weight. Hydrogen atoms are excellent for this purpose and water can be used to stop neutrons effectively.

Water, however, is transparent to gamma rays. A good shield for gamma rays would be one made from heavy elements such as lead or iron. One proposed arrangement of lead-iron-water had a shell of lead

### JOBS IN WYOMING FOR THE SUMMER

Work amidst rugged mountains, sunshine, and blue skies. Uranium, fishing, cowboyin'. \$1.00 brings complete information. Write

FRONTIERS, Dept. 89,  
429 Majestic Building, Cheyenne, Wyoming

### FRATERNAL TWINS wanted for psychological testing.

Compensation for time. Call Columbia University, UN 5-4000

Extension 554, Dr. Gartler or Miss Keasbey.

Better tennis for you starts right here...

The confidence you need to keep up your game is built right into this fine Spalding racket.

The Spalding KRO-BAT® delivers all the "feel" for better control and accuracy. It's built to take power serves and smashes, and give you top performance.

Buy the KRO-BAT in your own weight and grip size. Just one set will tell you... this is your year for better tennis.

## SPALDING

SETS THE PACE IN SPORTS

# Lacrosse Team Plays Rutgers Univ. Today

By Herschel Nissenson

Two winning streaks will be pitted against each other this afternoon when the College's lacrosse team, sporting a 4-0 record, faces a powerful Rutgers University 'ten' at 3:30 in New Brunswick, N. J.

The Scarlet has won six straight games this season, and has defeated some of the outstanding teams in the country. Coached by Al "Red" Twitchell, himself a former all-American in lacrosse and football, the Jerseyites have bowled over Army (11-7), Lehigh (21-0), Johns Hopkins (12-2), Stevens Tech (17-6), Penn State (17-6), and Syracuse (23-19).

The New Jerseyites boast five outstanding players—goalie Don Gucker, midfielders Monte Montgomery and Bob Kelley, and attackmen Bob Andrews and John Daut. Gucker, a sophomore, has very quick reflexes and is considered one of the outstanding goalie prospects ever to play for the Scarlet.

### All-American

Midfielder Montgomery was an all-American last season, scoring twenty-two goals and adding four assists. The 6-foot 1-inch senior has won two letters from Rutgers. Kelley was also an all-American last year, scoring twenty-two goals and getting credit for eight assists. The 5-foot 11-inch junior is also co-captain-elect of the 1955 football squad.

Attackman Andrews tallied nineteen goals and twenty-eight assists to lead the team in scoring in 1954. He is an excellent feeder and scorer and is considered by Coach Twitchell to be "a coach on the field." Daut, a brilliant sophomore, comes from Sewanhaka High School where he scored fifty-six goals in one season, eleven in one game. Daut was an all-Metropolitan selection

# Tennis Team Seeks Victory Over B'klyn

After losing their last two matches to NYU and Fordham by identical 5-4 scores, the College's tennis team hopes to get back into its winning ways, when it meets Brooklyn College this afternoon at the Fleet Tennis Club on Gerard Avenue.

Coach Harry Karlin is very optimistic as to this afternoon's results. He will probably start with the following line-up: Number one man, Al Young, undefeated Guy Ferrara, Walt Thomas, Walt Ritter, Steve Hersh, and either Captain Jay Bohrer or Mel Drimmer.

Brooklyn is coming into the match with a 2-1 record. Coach Les Harrington's team has defeated St. John's 7-2, lost to Queens 3-6, and trounced Iona 8-1.

The Kingsmen's top man is Captain Mel Zubofsky, who is vying for All-Met honors. The doubles' teams will be: Ed Funk and Mel Standig, Bill Carr and Bill Newburk, and Steve Kent and Marty Riback.

After defeating Hofstra, 5½-1½, Queens, 5-4, Adelphi, 8-1, and Hunter, 7-2, the racket-wielders entered their last two matches with hopes of a championship season. NYU and Fordham defeated the College's team by scores of 9-0 last season, and figured to be difficult foes this Spring. The tight scores last week indicates the improvement of the team this season.

—Pollner

# 'Nine' Faces Violets Today In Met Conference Contest

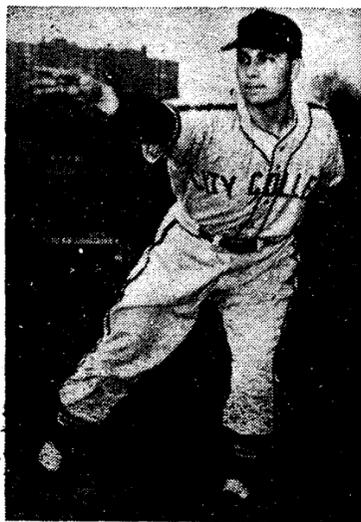
By Larry Levin

The Lavender nine gets back into action as they face NYU at Babe Ruth Field today at 3. Rain washed away the College baseball team's three scheduled Met Conference games of last week and so today's encounter with NYU will mark the Beavers' first appearance in ten days.

This will be the second contest between the two clubs this season, with the Violets having taken the first one, 9-6, with the help of some very ragged play by the Beaver outfield. However, places them one game ahead of NYU (2-4) in the standings. The Hall of Famers have also beaten Manhattan while losing to Brooklyn twice, Hofstra, and Wagner.

Violet Coach Bill McCarthy will have as his battery, Tom Curran, a Manhattan transfer, behind the plate and righthander Bob Goldscholl on the mound. Dr. John LaPlace, Beaver mentor, will probably counter with Joe Galletta as his starting pitcher. Galletta has won both of the Lavender's league triumphs while dropping one. He currently has a fine 2.95 E.R.A.

The Violets are led by center-fielder Jimmy Nidds and pitcher-outfielder Hal Cooley. Nidds is hitting at a .429 clip in league



Joe Galletta

play (not including Saturday's game with Brooklyn) and .350 overall. Cooley is batting a cool .381 league and .333 for the entire campaign. He has also won one of his team's conference games, though dropping two.

The infield, as Coach McCarthy stated in a pre-season interview, is weak at the plate but good afield. The leading batter is Pete Cangialosi, third baseman, with a .300 adverage. The remainder of the diamond consists of Tony Triulzi, at first base, Bill Shelley, at second and Joe Duva, at short.

The outer garden provides the crux of the Violet batting power. Cooley and Nidds will start in left and center fields respectively while Ed Phillips, another .300 man, will play in right.

## CAMPUS "STAND-OUTS"



BMOC

**"I've got L&M...and L&M's got everything!"**

**Stands Out from All the Rest! L&M wins its letters for flavor... Light and Mild. And the pure, white Miracle Tip draws easy, so you enjoy all the taste. No wonder L&M sales are soaring on campus after campus. It's America's best filter cigarette.**

© LIGGETT & MYERS TOBACCO CO.