Three Biology Professors Named To College Faculty

Three noted biologists have been named to the faculty of the College of Arts and Sciences, Dr. Otto Springer, dean of the College, has announced.

They are: Dr. Shinya Inoue, professor of biology, and Dr. Gordon W. Ellis and Dr. Hidemi Sato, associate professors of biology. All were members of the faculty of the Dartmouth Medical School until this summer.

Dr. Inoue is regarded as the world's foremost authority in polarization microscopy. He has improved the technique of polarization microscopy by achieving simultaneous in resolution and high sensitivity to a degree which earlier had been considered impossible. In the field of cellular biology, he was the first to demonstrate clearly that spindle fibers exist in living dividing cells.

A member of the molecular biology panel of the National Science Foundation since 1962, Dr. Inoue received a Ragakushi (bache-lor of science) degree in biology from Tokyo University in 1944 and master of arts and doctoral degrees in biology from Princeton University in 1950 and 1951. He has taught at the University of Washington, Tokyo University, and the University of Rochester. He served as chairman of Dartmouth Medical School's anatomy department from 1959 to 1963 and as chairman of the cytology department from 1959 until this year.

Dr. Ellis was born in Berkeley, Calif., in 1927 and received A.B. and Ph.D. degrees from the University of California. He was an assistant professor of cytology at Dartmouth Medical School from 1962 until this summer.

Dr. Sato, born in Fukuoka City, Japan, (Continued from Page 7)
Publish or Perish

University President Gaylord P. Harnwell has made numerous pronouncements regarding the University's classified chemical and biological warfare research. But his statements, as the Administration's sleight of hand involved in disbanding the ICR, have only obscured the correct issue. Should the University undertake research which cannot be published? Fortunately, this issue has not always been in the closets with the other skeletons.

It was only last November when the Faculty Senate overwhelmingly endorsed Harnwell's resolution stating, "it is the obligation of a faculty member to make freely available to his colleagues and to the public the significant results he has achieved in the course of his inquiries." The result of research, the Harnwell-Senate resolution said, may be deferred no longer than one year from "public release.

The Senate's resolution, which became University policy when it was approved by the University Council, is now binding on the Administration.

Listening to the President now, however, one could easily become convinced that the events of 1965 were mere play-acting to pacify the critics of non-publishable research. And the critics were, in fact, pacified by the strong resolution. But the controversy is one that refuses to be submerged. The expose in Ramparts magazine once again brought the issue to a head.

The administration acted out Scene II of the scenario with the announcement that the Institute was to be disbanded. It appeared to some observers that the research was publishable research at Pennsylvania, were not fooled how-it was a promise to the Administration to pacify the critics of non-publishable research. And the controversial contract with the announcement that the Institute was to be disbanded.

The faculty, which voted 193 to 57 to abolish non-publishable research at Pennsylvania, were not fooled however. The proposed faculty committee to review research contracts with an eye to the publishability of results is a hallmark of the direction the Administration is taking. Should the Administration wish to spend a few more years working out the details of this proposal, it will grievously delay the day when the institution will be able to make the transition to a policy of non-publishable research. And the 1965 controversy, along with those of the past year, will simply postpone the time when a clear policy is determined and any change is effected in the existing University structure.

Since President Harnwell was cast in the role of the 6th Inquirer as stating that no research now at Penn was classified save in a technical sense, the proposed review committee, whose recommendations will be binding, may soon discover the Administration believes there is very little, if anything, to review. The position now advanced in which President Harnwell has maintained over the past year, has not been altered by numerous statements by J. C. R. Richard Adler, that their CB research was extensive and classified, or by the report of Paul T. Levy in the Sept. 7 Bulletin that Pentagon officials informed them the work of Sporaker and Sumner was classified. Indeed, any satisfactory relationship between the Administration and the faculty will be contingent on a greater degree of confidence in the faculty than the Administration renewed the Sporaker contract last spring, in the midst of the controversy, without notifying the faculty.

DR. GABRIEL KOLKO

Steering Committee it was mainly concerned with the publication of the yearbook, a publication which the University of Pennsylvania is known for. The reputation of Penn, its faculty and leadership, is now at stake, perhaps for decades to come. If the Administration wishes to take a position on the right of its students to engage in illegal and reprehensible enterprise, it should operate with the understanding that the faculty will vigorously undermine the morale and status of the larger University community. Or Penn can choose to assume that role of leadership in the American university system on the New York Times pre-column and the New York Times poll. It is the responsibility of every faculty member and student to assure that the University makes the correct choice.
SALE!

THIS NEW LIGHTOLIER STUDY LAMP WITH BETTER LIGHT, BETTER SIGHT, RECOMMENDED BY PHILA. ELECTRIC CO.

regularly 18.95  13.95

If you want to have the best in engineered lighting for intensive reading, then you want this lamp.Styled by famous Lightolier, it's glare-free, shadow-free, gives diffused lighting. Lamp is made of high-impact Styrene, with cast white metal base that resists tipping, and washable white polypropylene shade. Sylvania 200 watt A-23 bulb included. Lamp is 22-inches high, comes in brown-and-beige, white, black, green or gray.
Wharton School to Study Racial Views of Employers

The Ford Foundation has announced the award of a $180,000 grant to the University of Pennsylvania's Wharton School of Finance and Commerce for a three-year study of racial employment policies of American employers.

The study is being headed by Dr. Herbert R. Northrup, professor of industry relations, chairman of the School's Department of Industry, and director of that department's Industrial Relations Center.

Dr. Northrup believes that if economic conditions, and the size of racial minority groups are to be improved, it must be known why some industries are more hospitable to minority group employment than are others and why some companies in the same industry have vastly different racial employment policies.

The findings of this study, combined with labor market analysis and trends and with business and job forecasting would, Dr. Northrup believes, permit a more rational attack on discrimination in employment in terms of potential results for affirmative action.

The project will include research in the following areas:

1. The nature of racial employment policies and consumer market orientation.
2. The nature and extent of work performed by Negroes and its effect in helping or hindering advancement to skilled or semi-skilled positions.
3. The time and nature of an industry's past and more recent policies of advancement and hiring or discrimination in policies and practices.
4. The nature of union organization.
5. The concerns of the industry or company with its image.
6. Industry's relation to the mores of the community.
7. Influence of the southern civil rights crisis over integration in industry before coming to Pennsylvania in 1961. He was named chairman of the Department of Industrial Relations at Harvard University and professor of social psychology in 1957. He was the annual meeting next year.

Dr. Solomon was appointed a full professor and associate director at Harvard's Laboratory of Social Relations in 1957. He was named a professor in the Department of Psychology at the University of Pennsylvania in 1960.

SOLomon EARNs APA Award

Dr. Richard L. Solomon, professor psychology at the University of Pennsylvania, is one of three members of the American Psychological Association to receive that organization's 1966 "Award for Distinguished Scientific Contributions."

The award was presented to Dr. Solomon at the annual meeting of the American Psychological Association yesterday in New York City. Dr. Solomon also received a citation, a $1,000 prize, and an invitation to address the annual meeting next year.

Dr. Solomon has been active in the American Psychological Association and has served on both the Council of Representatives and the Publications Board, and has been past editor of the Psychological Review. Dr. Solomon received a bachelor degree from Brown University in 1940 and a master of science degree in 1942, also from Brown. He served as a research psychologist on the National Defense Research Committee before receiving a Ph.D. from Brown in 1947. He was named an assistant professor of social psychology at Harvard University and promoted to professor in 1950.

Dr. Solomon was appointed a full professor and associate director at Harward's Laboratory of Social Relations in July 1957. He was named a professor in the Department of Psychology at the University of Pennsylvania in 1960.
Penn Cinema To Recruit Actors 
For “Canterbury Tales” Picture

The Penn Cinema announced Friday that tryouts are being held today, Tuesday, and Wednesday for modern film adaptations of two of Chaucer’s “Canterbury Tales.” Randy Swartz and James Morrow, the club’s president and Vice-President respectively, also outlined the group’s new “Penn Director Program.”

The campus undergraduate movie-making organization will seek out acting talent for this year’s 16mm productions of “The Reeve’s Tale” and “The Friar’s Tale” from 3-5 PM in Room 1 of Houston Hall each day. After the initial try-outs, screen tests will be filmed on Wednesday, Thursday, and Friday of the following week.

Swartz emphasized that Penn Cinema has openings in many other departments besides acting. “If you are interested in any facet of movie making,” he said, “or if you have any creative abilities, we’d like you to heel the Penn Cinemo.”

“We want people who want to learn to make movies,” Swartz added.

The first heeling meeting will be held in Room 3 of Houston Hall at 7:00 PM this Wednesday. “The heeling program,” explained Swartz, “will consist of classes in film-making to be conducted at the end of the month.” The area of movie production which he said would be taught including lighting, set design, sound, promotion, cinematography, and editing.

James Morrow explained the projected “Penn Director’s Program” as “an attempt to involve a great many students in the actual directing of films. Penn Cinema heelers who exhibit talent this year,” Morrow said, “will receive the opportunity to make their own 16mm shorts next year, using Penn Cinema facilities and funds.”

Penn Cinema will also bring its two previous pictures, “The Book” and “Brother Emmanuel,” to the University campus at the end of the month. “The Book” was shown commercially last year at the Wayne Avenue Playhouse and was exhibited at collegiate film festivals. The mass battle scene in “Brother Emmanuel,” shot last winter at Valley Forge with the ROTC Rangers, was the subject of an extensive write-up in last week’s Sunday Bulletin Magazine.

The present “Canterbury Tales” project has aroused considerable interest among the faculty of the University. Dr. Richard Hoffman, our Chaucer scholar, will act as all-over advisor on the production, and has made some contributions to the script of “The Reeve’s Tale.” This film will be directed by Swartz and shot in sound on locations in and around the Philadelphia area.

“The Friar’s Tale” will be a silent film written and directed by Morrow, who describes it as “the basic Chaucer plot in a bizarre, Kafkaesque setting.” After completion of these productions, the group will consider tackling “The Pardoner’s Tale.”

Swartz had only one comment regarding the Chaucer project: “No, we are not doing ‘The Miller’s Tale.’”
University's Engineering Schools Gain Six New Faculty Members

Six persons have been named to the faculty of the engineering schools of the University of Pennsylvania, and one has been appointed as a fellow. Dr. Carl C. Chambers, vice-president for engineering affairs, has announced.

The new faculty members are: Dr. Iraj Zandi, associate professor of chemical engineering, Moore School; Dr. Samuel A. Musa, assistant professor of chemical engineering, Moore School; and Dr. Samuel Schweitzer, assistant professor of mechanical engineering, Towne School. Dr. Harold Kwart has been named adjunct professor of chemical engineering in the School of Chemical Engineering through June 30, 1967.

Dr. Zandi, born in Tehran, Iran, in 1931, received a bachelor of science degree in electro-mechanical engineering from the University of Tehran in 1952, a master of science degree in civil engineering from the University of Oklahoma in 1957, and a doctorate in 1960 from Georgia Institute of Technology. He has served twice in the Ministry of Health of the Iranian government, from 1952 to 1956 and 1960 to 1961. A former faculty member at Tehran Institute of Technology and Abadan Institute Technology, Dr. Zandi is currently assistant professor of civil engineering at the University of Delaware.

Dr. Cohen was born in Chicago, Illinois, in 1937. He earned a bachelor of aero-nautical engineering degree from Brooklyn Polytechnic Institute in 1954 and a Ph.D. from Princeton University in 1963. He has been an assistant professor at Brown University since 1965.

Dr. Hardebeck, a native of Flat River, Mo., took a B.S. at the University of Missouri and M.S. and Ph.D. degrees at Cornell University. Since 1965, he has been research associate with the Center for Radiophysics and Space Research. He is thirty-nine years old.

Dr. Kaplit, 26, received a B.S. in electrical engineering from Massachusetts Institute of Technology in 1961 and an M.S. in electrical engineering (1962) and a Ph.D. (1963) from the University of Pennsylvania. He has been a research associate in the Institute for Direct Energy Conversion at the Towne School since 1965.

Dr. Musa has been a staff assistant in the Aerospace Research Center of General Precision Corporation since 1965. He earned a B.S. in electrical engineering at Rutgers University in 1961 and took an M.S. in 1962 and a Ph.D. in 1965 at Harvard University. Born in Baghdad, Iraq, he is a United States citizen.

Dr. Samuel Schweitzer, a 34-year-old Israeli citizen, received a B.S. in agricultural engineering from the Israel Institute of Technology in 1956, an M.S. in mechanical engineering in 1960 from Massachusetts Institute of Technology, and a Ph.D. from Stanford University in 1966.

Dr. Kwart is H. Fletcher Brown professor of chemistry at the University of Delaware. He earned an A.B. from Brooklyn College in 1937 and a Ph.D. from Harvard University in 1947. He taught at Bryn Mawr College from 1949-51 and has taught at Delaware since 1951.

College Eliminates Math Requirement

(Continued from Page 1)

Wood said, is that departments for which math is necessary already require it. Moreover, many faculty members believe that the power of math is best handled through science. Other considerations are the fact that no other Ivy League university retains a math requirement, and that the other such distributive requirement at Penn is so inflexible. (The humanities and sciences offer five or six ways to fill the requirement.)

Since so many students major in subjects which require math or logic, Wood estimated, the change will affect only about half of the enrollment in the College.

“Removal of this requirement should allow math faculty to be used to improve existing math courses, and to develop new courses of an interdisciplinary nature,” Dr. Wood said. The new course “would be of more direct interest to students in the humanities.” He suggested that math courses be developed concerning computer theory, music theory, linguistics and similar areas.

In conjunction with the interdisciplinary nature of mathematics, the Committee on Instruction will continue to explore ways of exposing students to formal thought in places other than the conventional math class, Dr. Wood noted.

“This modification might be compared with the recent changes in the English curriculum, in which the elimination of English 1 and 2 will free faculty members to strengthen courses such as English 101 and 102,” he said.

Jameson New GSAS Dean

Dr. Michael H. Jameson, professor of classical studies, has been named dean of the Graduate School of Arts and Sciences. He succeeds Dr. Roy F. Nichols, who retired June 30.

Last summer Dr. Jameson was visiting professor of classical studies at the American School in Athens, Greece, and engaged in excavations at a site in the northern Peloponnesus. He is a research associate in classical archaeology at the University of Pennsylvania Museum, as well as professor of classical studies.

A resident of Rosemont, Dr. Jameson was born of American parents in London in 1924. He spent much of his childhood in Pakistan, where his father was a college teacher.

“I was particularly impressed,” he has said, “by the work and personality of Pere Teilhard de Chardin, the Jesuit paleontologist. At that time he was working on Peking man, and I still have some bone and ash from the cave where Pere Teilhard gave me.”

Dr. Jameson earned his bachelor's degree in Greek from the University of Chicago in 1942. He served a year in the United States Navy, and then returned to Chicago where he took his Ph.D. in Greek in 1949.

After a year at the American School of Classical Studies in Athens, he went to the University of Missouri where he served as an assistant professor of classical languages and of archaeology from 1949 to 1952. He studied at the Institute of Social Anthropology at Oxford University from 1953 to 1954, when he joined the Pennsylvania faculty as assistant professor of classical studies. He became associate professor in 1957 and professor in 1962.

The author of numerous articles and of a verse translation of Sophocles' "Women of Trachis," Dr. Jameson has held a fellowship in classical studies at the American Academy in Rome. Fulbright research scholarship for study in Italy. American Council of Learned Societies Ford Foundation fellowship and Bullinger Foundation fellowship have been awarded him.

While on academic leave during the past year, Dr. Jameson has been engaged in study and preparation of revised texts of religious inscriptions from Attica through the century B.C., in the University of Chicago's study and publication of inscriptions from the sanctuary of Poseidon at Sthenes, in the study and organization of finds from the University of Pennsylvania's excavations at Halieis, and in directing part of the Argolid exploration project.

Dr. Jameson was active in setting up the University Senate.
New Director Appointed for Int'l Services

William L. Carr has been appointed Acting Director of the University of Pennsylvania's Office of International Services.

Mr. Carr, Assistant Director of the Office since 1964, will take over the duties of Director Jack D. Burke, who has been granted a sabbatical leave by the University.

Mr. Carr, a graduate of Willamette University, has been named the new Assistant Director.

Mr. Carr, of Burlingame, California, has been named the new Executive Director of the University.

A master's degree in counseling is eighth in the country in the number of foreign students on campus. During the 1965-66 academic year, a total of 1,250 students and 390 faculty were at Penn.

The Office of International Services is responsible for the administration of all programs of international exchange at the University, involving students or faculty from abroad.

SOX MILLER CO.

Why We Carry Gant

There's more than fabric superiority in Gant. In addition, "needled into the warp and woof of every Gant shirt," there's flair, in each of the 12,500 styles of every Gant shirt, there's flair.

Gant. In addition, "needled into the warp and woof of every Gant shirt," there's flair, in each of the 12,500 styles of every Gant shirt, there's flair.

Gant. In addition, "needled into the warp and woof of every Gant shirt," there's flair, in each of the 12,500 styles of every Gant shirt, there's flair.

College Names Biology Prof.

(Continued from Page 1)

Japan, has worked with Dr. Inouye on the establishment of the planes of nucleotides in chromosomes in the living cell. He studied zoology and cytology at Kyoto University, where he received a D.Sc. degree in 1963. He taught biology at Hosei University from 1959 to 1965, and he was a research assistant and research associate at the University of Washington Medical School from 1959 to 1962. He was assistant professor of cytology at Dartmouth from 1962 until this summer.

Student Health

(Continued From Page 1)

Waiting for a physician who is dedicated to an emergency on his personal time. Few doctors are willing to work on a full-time basis for out-patient care, he continued.

"If the University offers this promise must be reached with "a nucleus of good people, supplemented by the other people.""

Revisions Demanded

The 1965-66 annual report calls for more and more information is expected of the Student Health Service in order to utilize the services of the University's student health clinic.

Until then, students may take comfort in Student Health's reputation for excellent medical attention only for the desperately ill, he said. Those with less pressing conditions as a reason for the so-called "three-ring circus" of Student Health.

City Planners Join Faculty

Two city planners were appointed to the faculty of the Graduate School of Fine Arts.

Mr. Carr, of Burlingame, California, has been named the new Executive Director of the University.

A master's degree in counseling is eighth in the country in the number of foreign students on campus. During the 1965-66 academic year, a total of 1,250 students and 390 faculty were at Penn.

The Office of International Services is responsible for the administration of all programs of international exchange at the University, involving students or faculty from abroad.
Ted Isaason Shows Fine Form

last season when he backed up Ted Underwood who manned the alumni net Saturday. Isaason is not short of credits, notably shutting out Dartmouth as well as teeming up with Underwood for a whitewash against Yale.

Penn tied the Ellis for second place in the Ivies in 1965 with a 5-2 mark behind Brown's perfect 7-0 slate. The 1966 outlook is for a season to be on contention for the league crown with Harvard joining last season's top three.

Penn's hope will depend on their ability to fit the new sophomores into the starting lineup as well as their ability to find replacements for the injured Bobby Dea and Win Walp.

Dea, a co-captain of the 1966 squad and a key man on the line was operated on last June for a knee injury and has been replaced by sophomore Rick Owens. Dea was an honorable All-American choice as well as a second team Ivy selection, last season.

The other co-captain, Louis Miller, the bolster the Quaker defense at center half.

The varsity eleven will have two tickets on the bench before opening regular season play against Temple on September 27. Scott should be able to round out his starting squad by then to prepare the Red and Blue for the Ivy slate which opens the following Saturday when the Quakers journey to Providence to tackle Brown.

The 1966 schedule will be one game longer than last year's with the addition of Haverford as a Quaker opponent.

Season Tickets On Sale Today

Season football tickets go on sale today at the Franklin Field Ticket Office. The season book is good for all home games and will cost eight dollars and a matric card.

The season ticket also includes date and away game privileges. Date tickets may be purchased for all home games at a cost of $2.00 against the normal $4.00 rate. Also available will be half price tickets for the away games at Columbia, Cornell and Harvard.

Olympic Star George Breen Chosen New Swim Mentor

by LARRY KRON

Penn Director of Athletics Jere miah Ford II announced Friday the selection of George T. Breen as supervisor of swimmers and head swimming coach at Penn.

Breen, a former United States Olympic swimmer, replaces former mentor James Campbell who resigned in late May.

Collaborating with Ford in the decision was a selection committee composed of George Munger, Dr. Harry Fields, Dr. Tristram Coffin, Reverend Stanley Johnson, Professors Adolph Matz and Mary Kelley. Breen, 30 years old, married and father of one, received his undergraduate degree at Cornell (N.Y.) State University and later earned an M.S. in Education at the University of Indiana.

Sample Hero

Before coaching, Breen won fame as an Olympic swimmer, earning All-American honors in the 1956 Games and another in 1960 when he served as captain of the squad.

Penn's new mentor also cultivated the 1959 Pan-American swim team and earned a place in Ivy for 400 meters event during that competition.

With Tony Cantofo (22) leading the interference, quarterback Dave Barulin rolls out to pass in Saturday's scrimmage at East Stroudsburg, which the Quakers lost, 34-12.

By Jim Restivo

The Pennsylvania eleven, plagued by penalties, fumbles, and a poor pass defense, dropped a disappointing 34-12 decision to East Stroudsburg University of Franklin Field in the Quakers first preseason scrimmage game.

The Red and Blue started poorly and went downhill while East Stroudsburg was piling up its huge margin through the passing efforts of quarterbacks Bob Holderbaum and Bob Walte.

The initial series of downs set the stage for the afternoon's action. On Penn's first play, the Quakers fumbled. The Red and White fielded the ball and scored for yardage before punting. After a 45 yard return by sophie George Burrell, starting quarterback Bill Creeden got Penn moving against mostly on halfback bursts by Cap Knowlton. Then the drive was halted again in time by a fiftieth yard penalty the first of 110 yards assessed against Oddel's charges.

And so it went in the first half. Almost every possible threat thwarted by a penalty or a fumble. East Stroudsburg's first tally came early in the contest on a pass from Holderbaum to Doug McNamie. Senior Rich Flaherty socked-kicked the extra point. And when Bob was hot of 70. A 27 yard pass from Holderbaum to John Hurst minutes later made the score 14-0.

Penn's tallies in the second half came at Barulin quarterback sneak pastبارك G. and Blake and Jim Philchill brought Penn to the three yard line. Blake appeared to be the chief Penn pass- target in the second half, as he led the league in Pass receptions last year, watch- ed the game from the sideline with the aid of Vic Beall.

Interference Hurts

Late in the fourth period Holder- baum. For a TD, after Penn was called for pass interference in the endzone. The extra point was good, and minutes later Walte passed to Hollaran after another interference call to close the scoring. The game ended with Penn on the two yard line of Stroudsburg.

The Quakers led Stroudsburg, which has capt- tained last season's top three, in passing yards assessed against Odell's sophomores, particu- lary last year's fresh MVP, George Burrell. And the Penn mentor has found a more than adequate re- placement for Bill McGill in transfer student Cap Knowlton, who exhibited speed and agility in his first Penn contest.

Time is now the key factor in Penn football picture. Odell has the basic elements for a good defense. There is also a promising spot was the fine show- ing of Odell's sophomores, particu- larly last year's fresh MVP, George Burrell. And the Penn mentor has found a more than adequate re- placement for Bill McGill in transfer student Cap Knowlton, who exhibited speed and agility in his first Penn contest.

The Athletic Managerial Board will hold its first meeting of the season at 7:30 P.M. in the William White Training House adjacent to Franklin Field.

All head managers as well as assistants are requested to at- tend the meeting which will formulate the organization's policy for the coming year.

Penn's overall record since 1876 stands at 247-157-28, 280 lost, and 38 tied. The Quakers have scored 16, 118 points to their opponents' 8,530.