



Annenberg School Sponsors Conference on Content Analysis

Content analysis has advanced a long step from the days when it was used to analyze enemy broadcasts during the war for useful clues as to their strategy. Today it is used extensively in such diverse fields as psychology and mathematics, English and music. And as a result, there has been an enormous explosion of different methods and uses of content analysis.

Hoping to bridge the gaps between the new theories and technologies, the Annenberg School of Communications is sponsoring a national conference on the subject November 16, 17 and 18.

According to George Gerbner, dean of the School, participants will come from the arts and humanities, the biological and social sciences, linguistics, mathematics and other information and computer-oriented sciences. They will review the recent progress made in the field and explore applications to occurring research problems. "It is hoped," Dr. Gerbner explained, "that the Conference will point to the next steps in the scientific study of message content."

Subject areas covered during the Conference's six sessions include:

—*Theories and Definitions*, chaired by Klaus Krippendorff, assistant professor of communications, the Annenberg School.

—*Inferences from Content Analysis*, chaired by Philip Stone, lecturer, Department of Social Relations, Harvard University.

—*Recording and Notation in Content Analysis*, chaired by William Paisley, assistant professor of communication, Institute for Communication Research, Stanford University.

—*Norms and Standardized Categories*, chaired by Ole Holsti, professor of political science, University of British Columbia.

—*Computer Techniques in Content Analysis and Computational Linguistics*, chaired by Philip Stone.

—*Education in Content Analysis*, chaired by F. Earle Barcus, associate

professor of communications, Boston University.

Most of the work of the Conference will be handled in concurrent sessions with at least one session being videotaped for later playback over closed circuit television.

The Conference is being supported by International Business Machines and the American Council of Learned Societies. No registration fee is required but participants are asked to give notice of attendance. The final schedule of events and other information are available from the office of the Annenberg School.

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Tuition Exchange Ended

The University has withdrawn from the Tuition Exchange program whereby children of faculty here could attend other universities tuition-free and in exchange, children of faculty at those universities could attend Pennsylvania.

According to Douglas R. Dickson, Student Financial Aid Director, the decision to withdraw was reached after the University encountered difficulty in maintaining a balance of children attending school here equal to those going elsewhere. "Because of the larger number of children eligible, Pennsylvania has long been sending more children to other schools than have been attending here," he explained. "As a result, for the last four years we were unable to export any children while we attempted to bring our Tuition Exchange Program back into a balance."

Mr. Dickson pointed out, too, that an increasing number of colleges have been withdrawing from the program in recent years, limiting the number of schools faculty children could attend.

Tuition benefits are now being provided by direct grants without the limitations of the Exchange Program.

Law School Quietly Changing Profession's Unconcern for Poor

A training program for young lawyers is very quietly helping to change the profession's unconcern for the poor while it attempts to correct the historic legal inequity paid to them.

The University's Law School has just begun the first Legal Services Fellowship Program in the country. According to Howard Lesnick, professor of law and curriculum planner for the program, there is an overwhelming need for lawyers who will work on legal problems of the poor. "We need lawyers who have

the time and desire to involve themselves in important problems in the field—problems of test litigation, law reform and community education," he explained.

Until recently law schools have not been very concerned with the problems of the poor. To help alleviate the problem of a similar disinterest on the part of the legal profession generally, the Office of Economic Opportunity in 1964 established a program for extending legal aid services to the poor: there are now 160

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Faculty Appointments Listed

Dr. Harrison McMichael, assistant professor of pathology and director of the medical student research training program, has been named assistant dean for the School of Medicine.

Dr. McMichael, a member of the faculty since 1961, is a graduate of Princeton University and the University of Pennsylvania's medical school. In his new position he will continue his research into the body's immune defenses against tumors and the properties of white blood cells.

Dr. McMichael heads a long list of recent faculty appointments, including:

College of Arts and Sciences: Dr. Robert H. Koch, associate professor of astronomy; Dr. Lewis G. Tilney, assistant professor of biology; Dr. Barry S. Cooperman and Dr. Bryan Roberts, assistant professors of chemistry; Dr. Carlota S. Smith, assistant professor of English; Dr. Willard A. Fletcher, visiting associate professor, and Dr. Robert Hartwell, associate professor of history; Dr. Fredrick B. Pike, adjunct professor of history; Dr. John G. Fought, assistant professor of linguistics; Robert T. Powers, assistant professor in both mathematics and physics; Dr. James Haar, associate professor of music.

Dr. Bogdan Maglic, visiting professor of physics; Dr. J. C. Picand, associate professor of physics; and Dr. Eugene Beier, Dr. John A. Gardner, Jr., Dr. Morton H. Rubin, Dr. Wilfried Scholz, Dr. Gino Serge, Dr. David H. Sharp and Dr. Paul Soven, assistant professors of physics; Dr. Jane A. Hardyck and Dr. James L. Zacks, assistant professors of psychology; Dr. Russell Sebold, professor of romance languages, and Dr. M. Roy Harris and Dr. Joy M. Potter, assistant professors of romance languages; Dr. Frank F. Seeley, professor, and Dr. Biljana Sljivic-Simsic, assistant professor, slavic languages.

Alumni Giving Hits New Record

Alumni Annual Giving to the University totaled \$1,904,015 during 1966-67, according to Paul J. Cupp, volunteer general chairman of the campaign.

The total was the largest received by Pennsylvania in the 40-year history of Alumni Annual Giving.

Graduate School of Arts and Sciences: Dr. Bernard S. Finn, visiting professor of history and philosophy of science.

School of Dental Medicine: Dr. Ronald L. Piddington, assistant professor of histology and embryology.

Law School: Mr. Ernest J. Brown, visiting professor of law; Mr. Maurice Cullity, visiting associate professor of law; Mr. Henry S. Ruth, Jr., and Mr. David B. Filvaroff, associate professors of law.

School of Medicine: Dr. David Berkowitz, associate professor of biochemistry; Dr. Amal K. Ghosh, visiting assistant professor of biophysics; Dr. Lewis P. Rowland, professor of neurology; Dr. Bayard T. Storey, assistant professor of physical biochemistry; Dr. Arnold Chait, assistant professor of radiology; Dr. Arlan J. Gottlieb, assistant professor of medicine; Dr. Arnost Kleinzeller, professor of physiology; Dr. Joe Mendels, assistant professor of psychiatry and Dr. Muni M. Staum, assistant professor of radiological sciences.

The News Bureau maintains curriculum vitae on all University faculty members so that information may be provided upon request. If you believe yours is not completely up to date, please send a vita to the News Bureau at 3439 Walnut St.

Moore School of Electrical Engineering: Dr. Robert G. Mulholland and Dr. Warren D. Seider, assistant professors of electrical engineering.

R.O.T.C.: Lt. (j.g.) John G. Kochey, USNR, and Lt. Bruce G. Birkholz, assistant professors of naval science.

School of Social Work: Dr. Theodore E. Chester, Pray Visiting Professor of Social Policy.

School of Veterinary Medicine: Dr. Edward P. Larkin, research assistant professor of microbiology in medicine and Dr. Kenneth C. Bovee, assistant professor of medicine.

Wharton School of Finance and Commerce: Dr. Charles J. Cooper, assistant professor of political science; and Dr. Arthur M. Ross, visiting professor of industry.

Air Force Professor Assistant to Goddard

Dr. George H. Janczewski, associate professor of foreign languages at the U. S. Air Force Academy, has begun a one-year internship in academic administration as special assistant to Dr. David R. Goddard, Provost.

Dr. Janczewski is one of 43 men and three women chosen by the American Council on Education to spend the current academic year in similar administrative positions at colleges and universities throughout the nation. The program is supported by the Ford Foundation.

Dr. Janczewski holds the rank of major in the Air Force. He received his Ph.D. degree in history and Russian studies and his M.A. degree in international relations from Georgetown University.

A native of Poland, he participated in the Polish underground movement and the Warsaw uprising of 1944 against German occupation troops. After liberation from German prison camps in April, 1945, he served as a Polish liaison officer with British forces and the United States Army Air Corps in Germany.

Since emigrating to the United States in 1947, Dr. Janczewski has received an Air Force commission, and served as assistant director and director of intelligence of the Tenth Air Force. He is a graduate of the Air Force Strategic Intelligence School, Parachute School, Squadron Officers School and Advanced Survival School.

Art Exhibit on View

Modern Masters from the collection of Mr. and Mrs. H. Gates Lloyd are being shown through November 19 in three galleries of the Institute of Contemporary Art.

The collection was begun by Mrs. Lloyd in the late thirties and reflects the mainstream of American avant-garde art from the early 1940s to the present.

Paintings on display include those of Piet Mondrian, Paul Klee, Georges Braque, Joan Miro, Kenneth Noland, Sam Francis, Robert Motherwell, Willem de Kooning, Mark Rothko, Franz Kline and many others.

The galleries are open to the public from 9 a.m. to 5 p.m. daily and Saturdays, and from 1 p.m. to 5 p.m. on Sundays. The exhibit is free.

University Offers Five New Films

Five new 16mm color and sound motion pictures have been added to the University's list of public relations films. They are available free of charge to schools, churches, service clubs and other responsible organizations. The new films include:

—*Two Centuries of Medical Education*, a pictorial account of the bicentennial of the 1765 founding of the School of Medicine at the University of Pennsylvania;

—*Town and Country*, a presentation of the highlights of the broad scientific and educational program of the University's School of Veterinary Medicine;

—*Signs of Success*, a film depicting the accomplishments and plans of Pennsylvania's current Development Program against a background of the University's history and postwar growth;

—*New Horizons in Medicine*, which focuses on many of Pennsylvania's outstanding persons in the University's Medical Affairs Division as they engage in research, teaching, and care of hospital and clinic patients;

—*One Medicine at Pennsylvania*, which emphasizes the theme of "one medicine"—the interrelationship of all medical disciplines and related sciences.

Other University films still available are: *Campus Camera*, *Campus Express*, and *The First Century*.

A brochure describing each of the films in greater detail is available from Motion Picture Services, 3439 Walnut Street, or call Ext. 7048.

Service Provides Insurance Advice

More than 700 persons have received counseling or insurance advice since the Insurance Counseling Service for faculty and staff was inaugurated by the Insurance Company of North America and cooperating brokers last March. According to William Doolittle, Manager of the Counseling Service, over three-fourths of those counseled found they could save money by placing insurance through the Counseling Office.

Property-casualty insurance coverages, including automobile, homeowners, boat owners, personal and professional liability, can be obtained by employees on an individual basis. Counseling is available without obligation and includes insur-

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The National Science Foundation recently released its second report on the amounts of total Federal obligations to colleges and universities during 1963-66. It found that:

- A shift has occurred among academic science activities supported by the government toward increased emphasis on science education;

- Support for nonscience activities increased more rapidly than for academic science activities, amounting to nearly one-half of the increase of Federal funds to universities and colleges;

- Among universities receiving the most Federal funds, the University of Michigan replaced MIT as No. 1; the other top ten universities included Stanford, Columbia, University of Illinois, Harvard, UCLA, Berkeley, University of Chicago and Ohio State University. Pennsylvania ranked 11.

Federal agencies have agreed to stop the practice of routinely imposing conditions on the release of information developed under Federal grants and contracts at colleges and universities. Restrictive action will only be taken in those cases in which the agency feels that the restriction is needed and intends to enforce it. In such instances, the restriction demand will be made clear before a contract is signed.

Nearly 40 percent of the 1964 graduates of predominantly Negro colleges and universities planned careers in health services and research, a proportion equalled by only one other profession—teaching. According to a report issued by the National Institutes of Health, more than one-third of the men graduates and one-fourth of the women reported interest in medicine; more than 60 percent of the men and 50 percent of the women in careers as research scientists.

ance programming, advice, evaluation of present programs and quotations. Coverage may be purchased through payroll deductions.

The Counseling Office is located at 3725 Chestnut Street (with free parking available at 3711 Chestnut). The Service may be reached by telephone at either EV 2-2800 or University extension 5850.

Greater participation by students in the administration of colleges and universities was urged in a resolution adopted almost unanimously at the August meeting of the Congress of the National Student Association. Student control was demanded over chartering student organizations, financing student activities, establishing dormitory hours, social and housing rules, and authority over disciplinary actions resulting from the violation of student regulations. Joint control with admission and faculty was recommended in such matters as admission policies, course requirements, hiring and dismissing of faculty members, college services and grading systems.

Dill, Ledwell Head Community Relations, Residence Facilities

Leonard C. Dill, Jr., was recently appointed Assistant to the President for Community Relations, succeeding Col. A. Sidney Williams who resigned last June. Mr. Dill will also serve as executive secretary of the University's Committee on Campus-Community Relations.

Prior to his appointment, Mr. Dill had been director of Peace Corps Projects at the University, which have trained American volunteers for service in the Punjab, Madras, and Gujarat states of India.

A graduate of the University and a former editor-in-chief of the *Daily Pennsylvanian*, Mr. Dill returned to the University as secretary of the General Alumni Society, editor and publisher of the *Pennsylvania Gazette*, and in 1960, director of Alumni Relations.

In another administrative appointment, Edwin M. Ledwell, Jr., was named director of residence, in charge of managing and coordinating the University's residence hall facilities for undergraduate and graduate students.

Mr. Ledwell comes to the University from Scott Paper Co., where he was a regional sales service manager. He is a lieutenant commander in the U. S. Naval Reserve and received a B.S. degree in 1953 from the University of North Carolina.

Content Analysis Discussed at Conference

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THEORIES

A paper entitled, "Linguistic Foundations for a Theory of Content Analysis," will be considered. Other discussions will center around the use of content analysis in international relations, a critique of content analysis, and three models of messages. Participating in the session will be David Hays, project leader for linguistic research, Rand Corporation; John Mueller, assistant professor of political science, University of Rochester; Anatol Rapoport, professor of mathematical biology and senior research mathematician, the University of Michigan; and Klaus Krippendorff.

INFERENCES

Panelists and their topics include James Deese, professor of psychology, The Johns Hopkins University, "Content Analysis: Paraphrase or Coding"; Julius Laffal, director of research, Psychology Service, West Haven Veterans Administration Hospital, "Contextual Similarities as a Basis for Inference"; J. Zvi Namenwirth, assistant professor of sociology, Yale University, "Some Long and Short Term Trends in One American Political Value: A Computer Analysis of Concern with Wealth in 62 Party Platforms"; Daniel Ogilvie, assistant professor and research associate, Department of Social Relations, Harvard, "Psychodynamics of Fantasized Flight"; and Joseph Raben, associate professor of English, Queens College, "Inferences from Content Analysis in Poetry."

RECORDING AND NOTATION

This session will feature Barry Brook, professor of music, Queens College, "Recent Developments in the Use of the Plaine and Easie Code for Music"; Paul Ekman, associate professor of psychology, University of California, "VID-R and SCAN: Hardware and Analytic Procedures for the Analysis of Body Movement and Facial Expression from Film or Video Tape Records"; John Plummer, curator of Medieval and Renaissance Manuscripts, Pierpont Morgan Library, New York, "Iconographic Criteria in Content Analysis"; and Eugene Webb, professor of psychology, Advertising and Marketing, Northwestern University, and Karlene H. Roberts, Graduate School of Business, Stanford University, "Unconventional Uses of Content Analysis in Social Science."

NORMS, STANDARDIZED CATEGORIES

Participants include Calvin Hall, director, Institute of Dream Research, and lecturer, University of California in Santa Cruz, speaking on content analysis of dreams; Sally Y. Sedelow, associate professor of English and Information Service, and Walter A. Sedelow, Jr., dean of the School of Library Science, Sociology and Information Science—both from the University of North Carolina—discussing categories and procedures for content analysis in humanities; Edwin Shneidman, chief of the Center for Studies of Suicide Prevention, the National Institutes of Health, talking on psycho-logic; and Philip Stone, discussing the improved quality of content analysis categories.

COMPUTER TECHNIQUES

Donald Goldhammer, social psychologist at the University of Chicago, will read his paper, "Toward a more General Inquirer: Convergence of Structure and Context of Meaning." Other speakers and their topics include Ole Holsti, "Computer Techniques in Content Analysis: The Measurement of Qualities and Performance"; Howard P. Iker, research associate professor of psychiatry, and Norman I. Harway, professor of psychology and head of the division of psychology, both from the University of Rochester Medical Center, "A Computer Systems Approach Towards the Recognition and Analysis of Content"; Kenneth Janda, associate professor of political science, Northwestern University, "A Microfilm-and-Computer System for Analyzing Comparative Politics Literature"; George Psathas, associate professor of sociology, Washington University, "Analyzing Dyadic Interaction"; Gerard Salton, professor of computer science, Cornell University, "Automatic Content Analysis in Information Retrieval"; and John Starkweather, professor of medical psychology, University of California, "Computer Aids to Content Recognition."

EDUCATION

A specially commissioned survey of colleges and universities will be read by F. Earle Barcus, showing the extent to which content analysis is taught, the subject emphasis of courses, and the methodological orientations of the instructors.

Departments Move As Buildings Open For Business

As more new buildings are completed on campus, department offices are being switched around. A tentative list of offices which will have moved by the end of February follows.

Wharton faculty members who are now housed on the fourth floor of Logan Hall will move in January to the 7th floor of Dietrich Hall and to 3810 Walnut.

Slavics and the romance languages are in the process of being moved from Bennett and Potter to the 2nd and 3rd floors of Logan.

Naval Sciences, now housed on the 3rd floor of Logan Hall, will move to the Hollenback Center in February.

Data processing will move in November from the 2nd floor of Logan to the Franklin Building.

The Registrar will also move in November from 2nd floor Logan to the Franklin Building.

Public relations, including the News Bureau, Radio-Television Office, and Motion Picture Services, will move in November from 3439 Walnut to the Franklin Building.

The Development Department will move in November from 201 S. 34th to the Franklin Building.

Placement Service will move from 2nd floor Logan to 27 S. 36th St. in December.

The Psychology offices located in the ground floor of Logan will move to 3815 Walnut. Psychology offices located in College Hall (excepting Mr. Luce and the machine shop) will move in January to the same location. Part of the psychology department located in the Hare Building will also move there that month.

The office of the Vice Provost for Student Affairs moved into 110 College Hall in September.

Management Science will move in January from 3812 Walnut to Wayne Hall.

The Office of Naval Research will move in January from 3532 Walnut Street to 3025 Walnut Street.

The Faculty Housing office will move from 3632 Walnut to 3625 Walnut in January.

New Poultry Lab Opens; Hwang Named Director

The opening of new poultry diagnostic laboratories and appointment of Dr. Jen Hwang as director and associate professor of poultry pathology, was announced in October by Dr. Mark W. Allam, dean of the School of Veterinary Medicine.

The laboratory is housed in a wing of the pathology building at the veterinary school's rural campus, New Bolton Center, near Kennett Square, Pa. It provides diagnostic services for poultry producers in southeastern Pennsylvania, and is supported in large part by a grant from the Pennsylvania Department of Agriculture.

Dr. Hwang, the new laboratory director, is a native of mainland China and was educated there at the Army Veterinary College.

After leaving the mainland, he accepted a teaching post at the National Taiwan University, Taiwan, where he rose to the rank of associate professor. In 1956, he went to Auburn University, Alabama, and earned an M.S. in poultry pathology. Three years later he received a Ph.D. in animal pathology from the University of Connecticut and joined the Duck Research Laboratory of Cornell University's veterinary school.

Dr. Hwang is a specialist in duck diseases and has published extensively in his field. About five years ago, he developed a vaccine to protect adult ducks against duck virus hepatitis.

Editorial Training Planned for Scientists

An editorial training program for scientists is now being considered by The Rockefeller University. According to Dr. F. Peter Woodford, affiliate of the University and executive editor of the *Journal of Lipid Research*, it is hoped that such a course will produce men with training and experience to meet the increasing shortage of qualified scientific executive editors.

The program is tentatively planned to last six to nine months and would include actual editorial and managerial experience with one or more of the journals published by The Rockefeller University Press. Trainees would receive a stipend, the amount being negotiated on the basis of each applicant's experience and salary needs, and taking

Grants Available to Faculty Members

Approximately 50 lectureships are still available for 1968-69 at universities in Europe, Asia, Africa, the Middle East, and Latin America according to the September Bulletin on the U.S. Government educational exchange program. Also listed are foreign Fulbright scholars in the United States who are available for occasional lectures and 25 senior Fulbright scholars from the Republic of China, India, Iran, Japan, Nepal, Korea and Turkey who may be invited to give occasional lectures on non-Western cultures.

The Bulletin can be consulted at the office of James B. Yarnall, 226 South 38th Street, Faculty Fulbright Adviser. Mr. Yarnall also has information on advanced research fellowships available for 1968-69 under the exchange programs sponsored by NATO and SEATO.

Applications are now being accepted for the 1968 White House Fellows program giving outstanding men and women one year of firsthand experience with the workings of the Federal government and to increase their sense of participation in national affairs. The program is open to college graduates from all fields, except Federal Civil service employees, ages 23 to 35. Those selected will serve in Washington for a year beginning Sept. 1, 1968. In addition to serving as special assistants to high-level government officers, fellows participate in an education program that includes discussions with scholars, leaders from private life and top government officials. Applications for the fourth annual program will be accepted until Jan. 6, 1968. Forms and information may be obtained from Thomas W. Carr, director of Commission on White House Fellows, The

into account the cost of living in the New York City area.

Any qualified scientists who would be interested in entering this program should write to Dr. Woodford at The Rockefeller University, New York 10021. Applicants need to have a Master's or higher degree in science, preferably with further research experience (including publication). Since development of the program will depend on the amount of response to the project, correspondence is encouraged even if the writer's intentions are only exploratory.

White House, Washington, D.C. 20500.

Qualified university personnel active in the field of information processing may apply for a travel grant to the Congress of the International Federation of Information Processing to be held in Edinburgh, Scotland, Aug. 5-10, 1968. Selection of the grantees will be made by a panel appointed by the Committee on Travel Grants, Division of Mathematical Sciences. Applications must be filed before Nov. 15 and are available from the Division of Mathematical Sciences, National Research Council, 2101 Constitution Avenue, N.W., Washington, D.C. 20418.

Grants covering travel and research in the Soviet Union and Czechoslovakia, Poland, Rumania and Yugoslavia during the 1968-69 academic year are now available to American scientists. The grants cover visits of from one month to one year, and are open to those with a doctoral degree or its equivalent in physical, biological or behavioral sciences, mathematics or engineering sciences. Application must be filed by Nov. 20, 1967. For details, contact Office of the Foreign Secretary, USSR/EE, National Academy of Sciences, Washington, D.C. 20418.

The National Science Foundation is inviting grant proposals seeking support for a limited number of cooperative educational computing experiments. Through selected experimental projects, the foundation plans to explore the costs and educational value of enabling educational institutions to share computers on a geographical basis. Inquiries concerning cooperative projects should be addressed to Special Projects Section, Office of Computing Activities, National Science Foundation, Washington, D.C. 20550.

Book Show on Display

The third annual Production Quality Book Show of the Association of American University Presses will be held the 13th-23rd of this month on the sixth floor of the Van Pelt Library. Twenty-five books selected for their excellence will be on display.

The Quiet Revolution: Legal Aid for the Poor

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of them all over the country. Already they are burdened with heavy case loads. In the District of Columbia alone, case loads for the legal services unit rose from 1,000 to 7,000 in its second year.

Mr. Lesnick points out that these services are desperately in need of trained personnel. It is hoped that the proposed fellowship program will meet some of their problems of recruitment. By seeking out recruits in mid-year on a nationwide basis, and providing them with specialized training, the program should be able to produce a corps of superior graduates and young lawyers available for service units throughout the country for one year. "And maybe they'll be interested in staying on longer," he said.

YOUNG MEN RECRUITED

Recruits are drawn from outstanding graduating seniors, lawyers completing their judicial clerkship and lawyers with one or several years practice. "We look to the young because they are usually more militant, more activist-oriented," explained Mr. Lesnick. "These are the kind of men you need for law reform and test litigations." Over half of this year's Fellows had just graduated from law school; and one half of them had had prior experience with the poor.

Mr. Lesnick pointed out that most established lawyers "are insulated from community problems involving the poor" and explained that their traditional approach of handling each case as it comes into the office, coupled with the pressure of large case loads and small staffs, militates against the development of more far-reaching and imaginative responses to the vast problems of the poor. The Law School hopes to alter this through the fellowship program.

Fifty men and women from all over the country are currently participating in the program. They began their year of work in August, attending a five-week seminar run by the Law School. They covered such subjects as public housing, welfare, family law, the ghetto community and its resources, social services, debt collection practices, and availability of appellate review. The courses were conducted by faculty of the Law School here and elsewhere, social workers, and a half-dozen community people involved with particular problem areas.

After the seminar ended, the Fellows

were sent to legal service units all over the country, including two Indian reservations. They will return at the end of January for a regrouping seminar and again at the end of the fellowship year for a final seminar.

SCHOOL WELL-QUALIFIED

The Law School is unusually well-qualified to undertake the teaching responsibility of such a program. Just last year the faculty adopted a resolution expressing interest in expanding its attention to the operation of law affecting the poor. Numerous projects have been undertaken in recent years.

Jan Krasnowiecki, professor of law, has developed an entirely new course on middle and low-income housing and is working with Community Legal Services on model legislation designed to safeguard tenants' rights in leaseholds. In addition, Krasnowiecki has worked with the Public Health Service examining methods of community organization needed to carry out prevention and rehabilitation programs in the neighborhood's physical environment.

Another professor, Anthony Amsterdam, supervises an extensive program involving graduate and undergraduate students which provides legal representation to indigent criminal defendants. He also supervises the work of a great many students on behalf of several organizations devoted to equal rights, civil rights and civil liberties.

University Receives Grant for Training Regional Planners

A \$200,000 grant for training regional planners in improving the scientific management of man's environment was recently granted to the Department of Landscape Architecture and Regional Planning by the Ford Foundation.

According to Ian L. McHarg, chairman of the department, the grant "is designed to help develop a new breed of planner who will recognize the relevance of ecological insights and will be trained to demand ecological advice." The foundation's funds will help Pennsylvania develop a new graduate curriculum in regional planning consisting of a two-year course in which one-third to one-half of the work is in ecology or ecology and geology.

Robert Mundheim, professor, served on the Board of Trustees of Community Legal Services, Inc., and is chairman of a faculty committee which is charged with the responsibility of seeing how the school's interest and commitment to the legal problems of the poor can be more fully expressed and developed. Two other faculty members are preparing a Police Guidance Manual for the education of the police in legal problems affecting community relations.

Lesnick himself is developing a course dealing with substandard economic conditions—unemployment insurance, racial discrimination in employment, public assistance—and supervises a seminar program where students actively work with attorneys for community legal services, in consultation with officials of the Department of Public Welfare and the faculty of the School of Social Work.

TWO BENEFITS OBVIOUS

Although the program's effects cannot be known for a while yet, two benefits are obvious. First, 50 bright, capable, highly motivated young lawyers have been specifically trained for the practice of a specialty until recently largely unknown to the legal profession. Second, the development of a curriculum in the field can aid other schools considering such work.

Lesnick is optimistic about the program's influence: "Experience with the preparation of the seminar will lead to a broader infusion of poverty law into several fields of the law school curriculum and will encourage a trend—strongly begun at this school—of developing entirely new courses responsive to the particular needs of the poor."

In his opinion the post-fellowship conference will yield still another valuable benefit. There he hopes that out of their pooled experiences, the Fellows will develop proposals for model legislation. He also hopes they will examine the structure of the legal services program itself, and develop suggestions for revising its methods of operation and organization.

"If everything goes well," he said, "this project should stimulate not only curriculum development in the profession but also law-graduate interest in neighborhood law office practices, hopefully establishing it as a prestigious and attractive field. Most importantly, it should stimulate constructive proposals for law reform."

Among other things...

APPOINTMENTS:

Dr. Frank Bradshaw Wood, Reese Flower professor of astronomy, was elected president of the Commission on Photometric Double Stars at the 13th General Assembly of the International Astronomical Union held at Prague, Czechoslovakia. While at the General Assembly he chaired the organizing committee for a joint discussion on close binaries and stellar evolution.

Dr. A. H. Scouten, professor of English, was recently appointed to the National Council of the A.A.U.P. for 1967-69. He has been chairman of its Committee E on Chapter Organization for many years.

Dr. Benjamin S. P. Shen, associate professor of astronomy and astrophysics, was elected secretary of the ad hoc committee on cosmic ray nuclear cross-sections at the 10th International Conference on Cosmic Rays of the International Union of Pure and Applied Physics held at Calgary, Canada. The Flower and Cook Observatory will be used as the clearing-house for the coordination of cosmic ray nuclear cross-section measurements.

Dr. Shen also presented a paper at the Conference entitled, "Some Accelerator Experiments of Cosmic Ray Interest."

AUTHORS:

Dr. Edward B. Shils, associate professor of industry, recently had three articles published in a two volume print, *Federal Legislation to End Strikes: A Documentary History*, released by the United States Senate Committee on Labor and Public Welfare. Included in the legislative review of labor emergencies and recommendations for their solution were his articles on the rail, maritime and airline industries.

Dr. Gaylord P. Harnwell, president and professor of physics, and Dr. George J. F. Legge, former assistant professor of physics here and now senior lecturer at the University of Melbourne, are joint authors of the book *Physics, Matter, Energy and the Universe*, published as part of the Reinhold Physics Textbook Series, 1967.

Dr. Leon J. Saul, professor of psychiatry, is the author of a new book, *Fidelity and Infidelity*, published last month by J. B. Lippincott. It is a study of the psychodynamics of marriage.

Dr. William A. Marshall, professor of English, has just had published his book *The World of the Victorian Novel* by A. S. Barnes and Company.

An article entitled "The Value Dilemma in Public Education" written by **Dr. Richard A. Gibboney**, visiting professor of education, appeared in the October issue of *International Journal of Religious Education*.

HONORS:

"Animal Secrets," a natural history television program hosted by **Dr. Loren C. Eiseley** for NBC, was awarded the 1966 Thomas Alva Edison Foundation Award for "the best science television program for youth." Another citation—for its contribution to public education in science—was accorded the program by the National Association for Industry-Education Cooperation, a section of the National Science Teachers Association.

Dr. Eiseley, professor of anthropology and history of science, is also the recipient of the honorary degree of Doctor of Science, awarded him by the University of British Columbia at their Spring Congregation.

Professor Reinout P. Kroon, chairman of the graduate division in mechanical engineering, has been named an Honorary Fellow in the American Society of Mechanical Engineers. The award will be given him in Pittsburgh this month at the Society's Annual Banquet. Professor Kroon has served as chairman of the A.S.M.E. executive committees on Applied Mechanics and Aviation. He has also been chairman of the Society's Basic Engineering Department and a member of the A.S.M.E. Technical Board.

Professor Elias Burstein of the physics department has been asked by the Aeronautical Group for Advanced Research and Development to serve as adviser on high magnetic fields to the Greek Government. Mr. Burstein served as one of three directors of the International Advanced Summer Physics Institute in Crete during the summer, and gave four lectures there.

A paper on "Islam and World History" given by **Dr. S. D. Goitein**, professor of Arabic, at the International Congress of Orientalists at Ann Arbor, was recently broadcast to the Middle

East by the Voice of America.

The Hospital of the University of Pennsylvania recently received an honorable mention for its annual report in the 1967 Malcolm T. MacEachern competitions of Hospital Management Magazine. **Mrs. Lynne Lamberg**, former director of public relations, was the author.

Dr. Lynn M. Case, professor of history, will receive an honorary degree in the humanities and sciences from the University of Besançon in France this month.

Dr. T. H. Woods, professor of physics, has received a special Research Fellowship Award from the National Institutes of Health and is working in the laboratory of Dr. R. H. Prichard at the University of Leicester, Leicester, England. Another member of the department, **Dr. A. Brooks Harris**, associate professor, was awarded an Alfred P. Sloan Foundation Postdoctoral Fellowship. **Dr. Norman Berk**, a former graduate student fellow, is recipient of a NATO Postdoctoral Fellowship and is in Orsay, France.

TRAVELERS & SPEAKERS:

Two members of the Department of English participated in a Nobel Symposium in Stockholm during September after being invited to participate by the Swedish Academy. **Dr. Robert E. Spiller** submitted a paper on "The Magic Mirror of American Fiction" and **Professor Herbert Howarth**, on "A Farewell to Eulogy."

Dr. Richard L. Solomon, professor of psychology and one of last year's winners of the Science Contribution Award of \$1,000 given by the American Psychological Association, was invited back to address its 75th annual meeting in Washington, D.C.

Dr. Robert H. Koch, associate professor of astronomy, and **Dr. Eva Novotny**, assistant professor of astronomy, attended the 13th General Assembly of the International Astronomical Union held in Prague, Czechoslovakia. Dr. Koch served as secretary for scientific sessions of the Commission on Photometric Double Stars.

Dr. Otto Springer, dean of the College, gave two lectures in the field of Germanic languages and literature at the University of Nebraska as part of the Nebraska Career Scholar program initiated by the Ford Foundation.

(continued on next page)

Among other things...

Dr. Walter Selove, professor of physics, gave several seminars on the "Experimental Evidence on Pi-Pi Interactions" during the summer, speaking at the National Nuclear Energy Laboratory in Rome, the European Organization for Nuclear Research in Geneva and the International Center for Theoretical Physics in Trieste. In addition, Dr. Selove conducted a seminar on "Fermion Exchange and Regge Effects" at the University of Rome.

Dr. William E. Stephens, chairman of the physics department, and **Dr. Abraham Klein**, professor of physics, presented papers at the International Conference on Nuclear Structure in Tokyo in September.

Dr. Klein, along with **Dr. Richard Kadison**, professor of mathematics, and **Dr. Robert Powers**, professor of physics, was also among 350 participants from 30 countries attending the International Theoretical Physics Conference on Particles and Fields at the University of Rochester. The Conference centered on major problems involved in studying the substructure of particles within the atomic nucleus.

Dr. Derk Bodde and **Dr. W. A. Rickett** of the department of Oriental Studies and **Mr. Clarence Morris**, professor of law, participated in a conference "Chinese Communist Law: Tools for Research" held in Bermuda under the auspices of the American Council of Learned Societies and the

Social Science Research Council. The three scholars, whose course here in Chinese legal thought is almost unique in the country, presented commentaries on papers and chaired meetings there.

Professor Elias Burstein of the Physics Department was director of the NATO "Advanced Study Institute on Tunneling Phenomena in Solids" held in Denmark during the summer. Other faculty members attending included **Dr. Douglas Scalapino**, associate professor in physics, who presented a paper on the theoretical aspects of Josephson Tunneling, and **Dr. Donald N. Langenberg**, professor, who read his paper on experimental findings in connection with AC Josephson Tunneling.

In addition to the NATO Institute, Professor Burstein was also a member of the organizing committee and chairman of the program committee for the Conference on Localized Excitations held at Irvine, California in September.

Dr. Wayne L. Worrell, associate professor of metallurgical engineering, presented a paper entitled "Development of High-Temperature Solid-Sulfide Electrolyte" at the International Symposium on High-Temperature Materials in Monterey, Cal., in September.

Dr. Claude Welch, associate dean of the College, attended a conference in Rochester, N.Y. on the use of graduate students in college teaching.

Dr. Vincent Whitney, director of the Population Studies Center, participated in a conference in New York City on the desirability of a federal program of children's allowances to ease the problem of childhood poverty in the

United States.

Dr. Henry J. Abraham, professor of political science, conducted ten lectures on American government and politics at the American Studies Seminar in Mora, Dalarna, Sweden for Danish, Finnish, Icelandic, Norwegian and Swedish teachers.

Dr. Herbert B. Callen, professor of physics, spoke on the theory of magnetism at a seminar for science writers held in Boston in September. The seminar was sponsored jointly by the American Institute of Physics and the National Association of Science Writers, and was supported by the National Science Foundation.

Morton Lustig of the Fels Institute of Local and State Government recently testified at the hearings of the President's Commission on Urban Problems in Philadelphia. Mr. Lustig's presentation covered discrimination by suburban governments against the low-income and Negro minorities of the city, as well as suggestions for coping with discriminatory policies.

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