Area Code 219
Phone 283-7367

DEPARTMENT of INFORMATION SERVICES

Richard W. Conklin, Director

Assistant Directors of Public Information:

Mrs. Jean Horiszny
Jay J. Kane

From: Mrs. Horiszny

February 1, 1971

For Immediate Release:

The Atomic Energy Commission (AEC) has awarded the University of Notre Dame's Radiation Laboratory \$1,185,000 for research and \$134,000 for equipment for fiscal year 1971, Dr. Milton Burton, director of the Laboratory, has announced.

The organization of experimental and theoretical chemists and physicists was founded in 1947 to study the effects of high-energy radiation on all kinds of matter, from stone and metal to living organisms. Burton explained that the group is most interested in "earliest processes" -- the effects which radiation produces in time spans of a billionth of a second or less. (called a nanosecond). A nanosecond is in the same relation to a second as an hour is to 1,000 years, Burton said.

Research efforts at the laboratory range from the practical to the theoretical, and include:

-- An investigation on the effects of radiation on catalysts -- those substances that speed up chemical reactions vital to industry and everyday life. Dr. James Carberry, professor of chemical engineering and Dr. George C. Kuczynski, professor of metallurgical engineering and materials science, used the knowledge that radiation could only harm chemical catalysts to improve overall reaction rates in certain complex systems. Catalysts are essential to the hardening of paint, and are used in gasoline to improve combustion in the car's engine.

-- Research on the value of radiation in reducing populations of harmful insect pests, performed by Dr. Karamjit Rai, professor of biology.

-more-

radiation lab...2

Radiation is traditionally used to sterilize males, which reduces the pest population by decreasing the number of young produced. In addition, Rai uses radiation to induce mutations which can introduce lethal characteristics into the insect population. Recently he developed a mutant yellow-fever mosquito which passes a "sterility" factor to its offsprings, reducing the birth rate for many generations.

-- A new technique developed by Dr. Robert R. Hentz, associate director of the Laboratory, to study radiation effects which occur in a billionth of a second after irradiation. In that short time span, the molecules of a substance may be excited to a new level which lasts only a few nanoseconds. Hentz has devised a chemical indicator that reacts differently to a variety of excited states. By observing the end products of the chemical reaction, he can deduce how many and what types of excited states were originally produced.

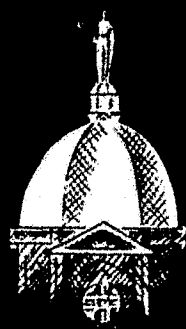
-- A new device to measure the energy an electron loses as it interacts with a variety of materials, developed by Dr. William Hamill, ^{professor of chemistry.} Called a Low-Energy Electron Spectrometer, the device can detect small transfers of energy from energetic electrons to the system involved. Little experimental evidence is available on such interactions, and Hamill plans to perform detailed studies on a variety of substances and a variety of electron energies with the new tool.

In addition to its research efforts, the Radiation Laboratory provides lists of all publications in the field of radiation chemistry to interested researchers. Last spring, it sponsored an international conference in Argentina on "Very Early Processes," exploring the possibility of learning about radiation effects occurring in a thousand billionth of a second -- the picosecond region.

-more-

radiation lab...3

Although the major purpose of the laboratory is to uncover new knowledge, Burton adds that such advances may produce revolutionary applications in the next few years. For instance, if the research of Carberry and Kuczynski produces the expected results, Burton believes it will repay the people of the United States for all research performed at the Radiation Laboratory since its inception in 1947.

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From: Conklin

February 1, 1971

For Immediate Release.

The broadened concept of the Catholic Church endorsed by the Second Vatican Council will have an important effect on the work of historians of American Catholicism, according to a University of Notre Dame historian.

Writing in an introduction to the book "Catholicism in America" which he edited, Dr. J. Philip Gleason said the trend was away from the concern with tangible ecclesiastical organization which gave rise to the biographical "great bishops" approach to historical investigation of the Church.

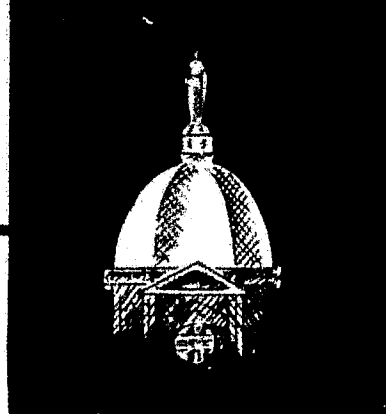
In the old view, Gleason observes, the Church was thought of as a "network of ecclesiastical units called dioceses and to write the history of one of these units was to record the past life of the Church in its local embodiment. To trace the expansion of diocesan jurisdictions was to tell the story of the Church's growth. Those who filled the administrative slots of the hierarchial structure were important by that fact alone . . . Much of the span of the Catholic history in the United States is therefore woven into a sort of 'episcopal sythesis.' "

Conceding that the old methodology produced some classics, such as John Gilmary Shea's four-volume, "History of the Catholic Church in the United States," and that the activities of the laity were never entirely overshadowed by institutional historians, Gleason nonetheless believes that the new ecclesiology will shape future historical studies.

Implications are somewhat unclear, he warns, because, at least to non-theologians, such key notions as "People of God" are not clearly understood. "In some uses of the word the boundaries of Church and world are so blurred that

"the Church would tend to disappear as a distinct object of historical study," he points out. He does, however, admit that, in place of the precision of the older methodology, one might find more comprehensiveness. "If the new ecclesiology stimulates historians of American Catholicism to cast a wider net in their researches, the results ought surely to contribute more significantly to the recovery of American religious history," he concludes.

"Catholicism in America," a collection of 10 key monographs interpreting the relationship of Catholicism to American society and culture, was recently published by Harper & Row as part of its Interpretations of American History series.

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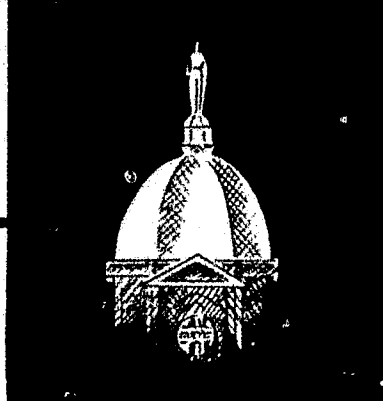
From: Mrs. Horiszny

February 2, 1971

For Immediate Release.

Dr. Celso de Renna e Souza, associate professor of electrical engineering at the University of Notre Dame, will speak at 3:30 p.m. Friday (Feb. 3) in Room 303 of the Engineering Hall.

Souza will speak on "Probabilities on Context-Free Programmed Grammars" at a seminar sponsored by the department of electrical engineering. He is a graduate of the Catholic University of Sao Paulo, Brazil, and joined the Notre Dame faculty in 1965. His primary research interests are in logic, game theory, automata and stochastic processes. The public is invited to attend his talk.

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From: Conklin

DEPARTMENT of INFORMATION SERVICES

Richard W. Conklin, Director

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Jay J. KaneFor Immediate Release

The mediaeval university was described Tuesday (Feb. 2) in a lecture at the University of Notre Dame by Prof. A. L. Gabriel, and those in the memorial library auditorium audience heard about some familiar topics--town-gown riots, academic "strikes," and the role of students in the life of the university.

In his Graduate Student Union-sponsored public lecture, Gabriel, the head of Notre Dame's Mediaeval Institute and an international authority on mediaeval education, pointed out that "of all the institutions of the Middle Ages the one that has most retained its original character is undoubtedly the university."

While his reference was to the preservation of an academic vocabulary and many of the scholarly goals of the earliest societies of masters and students, it was equally true of the extra-curricular aspects of campus life then and now.

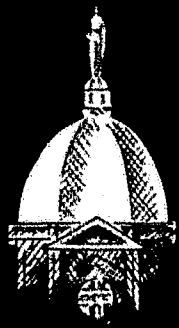
As for town-gown riots, they were not unusual in the 13th Century, although destruction of the university, itself by its students was unheard of. Gabriel noted that a tavern brawl in 1200 led to the famous charter of privileges for masters and students at the University of Paris. Twenty-nine years later, in what might have been the first university "strike," another tavern incident caused the University of Paris to suspend its classes and threaten to leave the city. Since the mediaeval university owned no real estate, it was highly mobile.

The privileges of professors in the Middle Ages went far beyond that enjoyed by members of the academy today. While such privileges varied with the

place, the period, and the mood of the local king, they included immunity from arrest and imprisonment for debt, immunity from the jurisdiction of secular judges and tribunals, and safe conduct through battle lines while traveling to school. At Oxford, even if he were subject to local authorities, the scholar got a separate jail where he did not have to associate with felons. Most such privileges were lost by the 15th Century.

One must be careful about the use of the term "students" in discussing mediaeval university life, Gabriel warned. In most cases, "students" were those who had already proved themselves scholastically by earning a lower degree. And at the University of Bologna, where students paid their professors directly and set classroom regulations (including fines for lecturing beyond the bell), the students were all older men, ecclesiastical dignitaries studying canon and civil law.

Gabriel also showed slides of miniatures and paintings rich in the iconography of the times. "Why was it necessary to illustrate official books?" he asked. "We do not illustrate our IBM grade cards today. The answer is that mediaeval man lived surrounded by symbolism, and in his miniatures and paintings he condensed hundreds and hundreds of potential facts into symbols."



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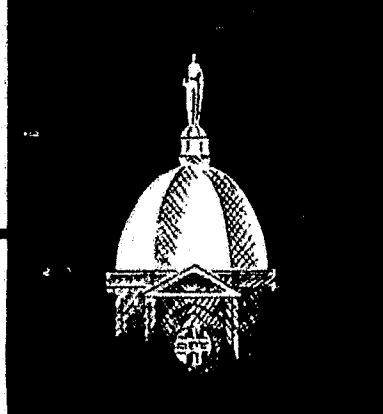
February 3, 1971

For Immediate Release.

Will Herberg, noted social philosopher and Jewish theologian, will speak on "New Winds of Conservatism in America" at 8 p.m. Tuesday (Feb. 9) in Carroll Hall on the Saint Mary's College campus.

He is the author of "Judaism and Modern Man: An Interpretation of Jewish Religion" and "Protestant-Catholic-Jew" : An Essay in American Religious Sociology." Herberg is graduate professor of philosophy and culture at Drew University.

His talk, sponsored by the Notre Dame-Saint Mary's Academic Commission, is open to the public.

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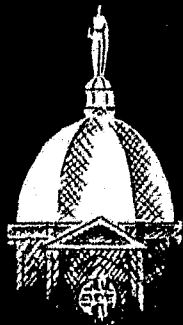
February 3, 1971

For Immediate Release.

The possibility of using algae to remove such pollutants as phosphates and nitrates from wastewater will be discussed in a seminar at 12:30 p.m. Wednesday (Feb. 10) in Room 141 of the University of Notre Dame's Radiation Research Building.

Dr. Wayne F. Echelberger, Jr., associate professor of civil engineering at Notre Dame, will discuss "Utilization of the Photosynthetic Process in Water Pollution Control." Echelberger explains that phosphates and nitrates are offensive because they stimulate algae growth in ponds and rivers, and asks why the tiny green plants could not be grown under controlled conditions in treatment plants instead. A spinoff from such a system would be large amounts of harvestable algae, which might be processed for cattle or poultry feed.

The seminar is sponsored by the department of microbiology, and is open to the public.

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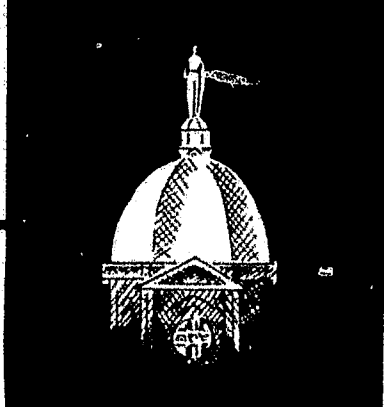
February 3, 1971

For Immediate Release.

John Ali, national secretary of the Nation of Islam and an authority on the Black Muslims in America, will speak on "The Myth of Black Violence" at 8 p.m. Wednesday (feb. 10) in University of Notre Dame's Memorial Library Auditorium.

An accounting and finance graduate of Bryant College in Providence, R.I., Ali supervised the business enterprises of the Black Muslims, administered over 120 mosques, and organized the Muhammad Speaks newspaper serving an audience of 650,000 per week.

Ali's talk, sponsored by the Notre Dame - Saint Mary's Academic Commission, is open to the public.

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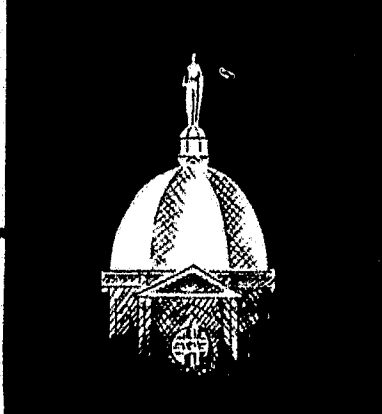
For Immediate Release.

Notre Dame, Ind. -- "Thread/Image," an exhibition of textiles and tapestries from 17th Century France to contemporary America, opened today (Thursday) at the University of Notre Dame Art Gallery and will continue through March 14. Gallery hours are from 10 a.m. to 5 p.m. weekdays and from 1 to 5 p.m. Saturdays and Sundays.

The collection of works has been assembled from various museums, galleries and private collections throughout the country. Earliest pieces are Coptic fragments representing the artistic production of Christian Egypt, characterized by the Mediterranean stylistic developments of late Antique and early Medieval times. A progressive evolution toward abstract design characterizes Coptic Art.

A tapestry of unusual significance in the show is "The Passing of Venus," a design executed by Sir Edwin Burne-Jones at the Merton Abbey Looms in England. The work illustrates the art as well as the craft of the pre-Raphaelite Brotherhood, an era currently experiencing a revival.

Also included in the Notre Dame exhibit are examples of contemporary artisans, Calder, Warhol, Indiana and Lichtenstein. Ossip Zadkine contributes "L'Offrande," an example of modern tapestry loaned by Art Vivant, Inc. of New York.

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February 5, 1971

For Immediate Release

Thumb-sized toy cars and a "Mission Impossible" type camera are being readied by the University of Notre Dame's Outdoor Advertising Foundation for a movie that may alter the environmental aspects of the nation's roadways.

Both will be moved to the set of Anywhere, U.S.A., a bowling lane-sized community nearing completion in an attic section of O'Shaughnessy Hall. Matchbook houses, storefronts and industrial buildings are springing up, as are the trees, wires, advertising signs, billboards, traffic and directional signs that attract the eyes of the motorists.

Dr. Norton E. Marks, professor of marketing in the university's College of Business Administration, has developed a periscope-type lens system under a grant from the Outdoor Advertising Association of America. This lens has been reduced to pinhead size and fits snugly inside a periscope.

Marks, who holds the Outdoor Advertising Foundation chair at Notre Dame and directs the project, says the finished lens will photograph the scaled down city in wide angle (110 degrees) and provide the same clear and distortion-free view that the motorist would have in his trip down the street. The film of that trip, showing the myriad of eye-catching buildings, oncoming cars, signs and natural objects, will be projected onto a 180-degree screen.

A test driver, seated in a simulated auto with all the features of an actual car -- radio, air conditioner, turn signals, windshield wipers and other accessories -- will start the film when he puts the "car" in gear, govern the speed as he presses on the accelerator, and stop it when

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marks...2

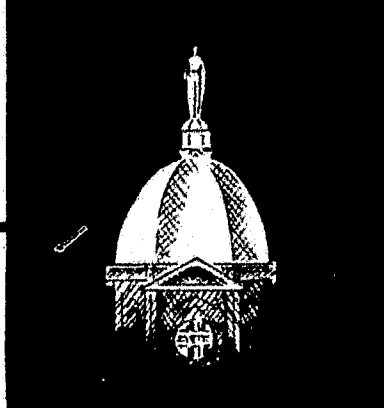
he brakes. He will be fitted with physiological testing devices to measure his responses to the varying roadside environment.

Researchers expect to determine, from the results of these tests, what messages are retained in the memory of the driver. Does a billboard with a horizontal message occupying the lower 30 per cent of the available space perform its mission better than one with a vertical makeup on the right side? Would it be retained in the driver's memory if it were located atop a three-story building or would it be a more productive medium at the edge of a vacant lot?

The effectiveness of varying color combinations, artwork and lettering sizes will be tested. "Directional signs on interstate roads have white letters on a green background," Marks says. "These tests may show that red letters on a yellow background are more visible at a greater distance and have a more desirable impact on the driver."

Several hundred individuals and members of church and fraternal organizations participated in the first phase of the project. The volunteers were asked to view a selection of colored slides showing a variety of roadway scenes. They were then asked to recognize and recall the differing geometric shapes, position of lettering, coloring, and so on, and their answers were fed through a computer for analysis. How the successful or most effective signs will be productive is the subject of the second phase when other volunteers view them in simulated driving conditions.

The aims of the Outdoor Advertising Foundation, established at Notre Dame in 1941, are to provide a center for research toward the solution of practical problems in the field, to maintain a central depository for published materials and original documents of historical interest, and to make available to all students specific instructions relating to the outdoor advertising medium.

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For Immediate Release:

The Middle Ages have been unjustly called "dark ages" according to Professor Astrik L. Gabriel, director of the Mediaeval Institute at the University of Notre Dame. Actually, he explained, a variety of arts and scholarship flourished in this period, including important work in experimental and theoretical science.

Perhaps the Inquisition's chilly reaction to Galileo's vision of the solar system helped earn the period its bad reputation, Gabriel said. However, he added, modern judges should not forget that the Middle Ages boasted Roger Bacon, Albert of Saxony, Marco Polo, Leonardo da Vinci, and less well-known scholars who explored such subjects as astrology, geography, anatomy, surgery, alchemy, zoology, mathematics and military weapons technology.

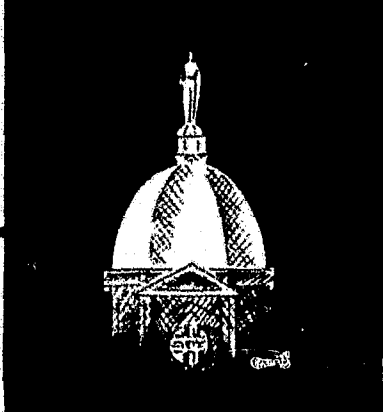
For instance, Gabriel pointed out, experiments were underway to measure the velocity of wind before the 14th century. The legendary Buridan, rector of the University of Paris, used the high tower of the College of Lemoine to set up his observatory. Earlier scholars explored the nature of gravity. The art of making calendars was well established, and the techniques for producing clocks, astrolabs, lenses, lamps and other instruments were in the making.

Rather than repressing science, the Church actually fostered much investigation, on the theory that revealing the true nature of the physical universe could not help but shed light on the nature of God, Gabriel explained. Many of the scholars were clerics, like Robert of Grosseteste,

Mediaeval Institute...2

Bishop of Lincoln, who authored many papers on the nature of light and the movement of heavenly bodies. The Bishop suggested that God acts on the world through light, and that all natural effects can be explained by means of lines, angles and figures.

Under grants from the National Science Foundation, the Mediaeval Institute has acquired 25,000 microfilm reproductions of manuscripts from the Ambrosiana Library in Milan, Italy. Written in a dozen languages from Latin to Arabic, the manuscripts represent the entire range of Classical, Mediaeval and Renaissance scientific thinking. The Ambrosiana, named for St. Ambrose, Father of the Church and Bishop of Milan, was one of the first genuinely public libraries in Europe. It opened its doors in 1609, and has remained a major source of original documents and paintings.

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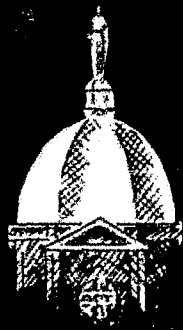
February 5, 1971 Jay J. Kane

For Release Sunday, Feb. 7

Notre Dame, Ind. -- The Cardinal O'Hara Memorial Lecture of Dr. Robert J. Lampman, originally scheduled for February 4, but cancelled because of the inability of the speaker to reach South Bend, has been scheduled for Thursday, (Feb. 11).

Lampman, a professor of economics at the University of Wisconsin, will discuss "The Current Controversy Over President Nixon's Family Assistance Plan" at a 3 p.m. meeting in the Memorial Library auditorium. He will speak on the topic of "Alternatives for Financing Health Care" at a meeting for faculty and graduate students at 7:30 Thursday night in Hayes-Healy Center and will be available for informal discussions with students and faculty members on Friday.

The guest lecturer is a staff member of the Institute for Research on Poverty and editor of the Journal of Human Resources. The Cardinal O'Hara series honors a former Notre Dame president and the first dean of its College of Business Administration. Outstanding scholars, businessmen and men of public affairs annually visit the campus to supplement courses taught in the college.

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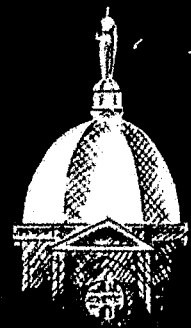
February 5, 1971 Jay J. Kane

For Immediate Release

Notre Dame, Ind. -- The addition of three faculty members and the introduction of several courses for the 1971 Summer Session of the University of Notre Dame department of communication arts were announced today by Prof. Thomas J. Stritch. The session will begin June 2 and end August 5.

Elizabeth Christman, author and New York literary agent the last 20 years, will teach Verbal Communication. Film producer James Baxter will offer a course for teachers interested in introducing 8mm. production into their curricula, and Richard Stevens, for several years a member of the general program at Notre Dame, will teach a photography course.

Other new courses, the Literary Experience and Using Mass Media in Teaching Religion, will be offered by Ronald Weber. Edward Fisher will teach Documentary Film in a Curriculum. Other traditional courses to be offered include Visual Communication, Theater Workshop, Varieties of Dramatic Form, Writing Fiction, and Teaching Speech and Debate.

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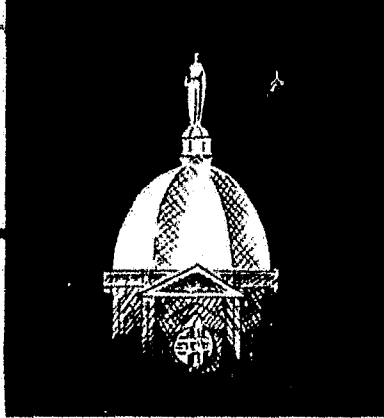
February 5, 1971 Jay J. Kane

For Immediate Release

Notre Dame, Ind. -- Members of the University of Notre Dame department of theology will be hosts to representatives of the University of Chicago Divinity School at a colloquium honoring Dr. Mircea Eliade, world renowned author and theologian. The closed sessions are scheduled for the Center for Continuing Education Thursday through Saturday (Feb. 11 - 13).

Eliade, born in Bucharest, Hungary, in 1907 and author of more than 20 religious history books and novels, will present for discussion a paper, "The Emergence of the Sacred in the Contingencies of History," at the opening meeting Thursday night. Eliade currently divides his teaching activities between Chicago and Paris.

Respondents on Friday will include Drs. Peter Homans and Jonathan Smith of the University of Chicago, and Dr. Robert Meagher and the Rev. Francis J. DeGraeve, S.J., of Notre Dame, Dr. Martin Marty, associate dean of the Chicago Divinity School, will lead a general discussion Saturday morning.

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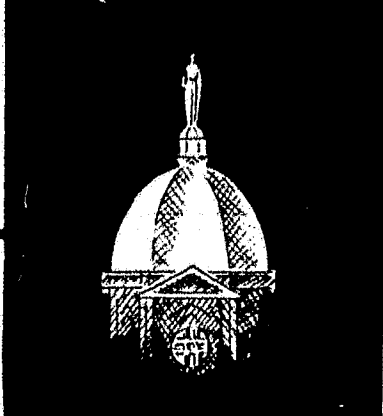
From: Mrs. Horiszny

February 8, 1971

For Immediate Release.

Dr. Kenneth M. Sayre, director of the Institute for the Study of Artificial Intelligence at the University of Notre Dame, will speak on "Feedback Procedures in Perception, Evolution and Learning" at 3:30 p.m. Friday (Feb. 12) in Room 303 of the Engineering Hall.

The talk will describe the role of negative feedback in the processes of natural selection and operant conditioning, and trace similar themes in the operation of a highly-complex, conscious system. The public is invited to attend the seminar, sponsored by the department of electrical engineering.

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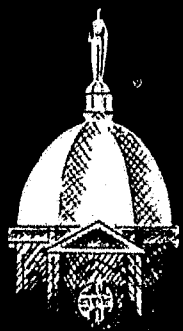
For Immediate Release

Notre Dame, Ind. -- A "spirit of restraint" prevailing in the Supreme Court during the first term of Chief Justice Warren Burger is contrasted to the "bold confrontations" of the Warren court in an analysis by Dr. Paul C. Bartholomew, professor of government at the University of Notre Dame.

This switch is accomplished, according to Bartholomew, in some cases by letting lower court decisions stand, and in others by refusing to go beyond the essential questions presented. His analysis, "Significant Decisions of the Supreme Court, 1969-70 Term," was published by the American Enterprise Institute for Public Policy Research, and Bartholomew has contracted to do a similar account of the 1970-71 term.

The Court disposed of an all-time record of 3,409 cases during the 8½ month period, and established another record in the number of cases remaining on the docket, 793. There were 73 dissenting opinions, fewer than in either of the two previous terms. Justice Douglas, with 23 dissenting opinions, was first in this category, a position he has held with some regularity, Bartholomew notes.

Bartholomew, a member of the Notre Dame faculty since 1931, is the author of a two-volume publication, "Ruling American Constitutional Law," published last year. He was coordinator and one of the principal lecturers at the Philippine Constitution Conference in Manila in December.

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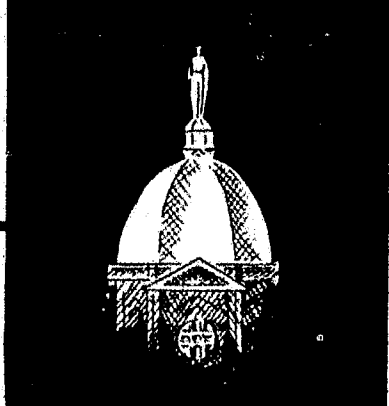
Notre Dame, Ind. -- Two Notre Dame students have been elected to the top national offices of Association of International Students in Economics and Commerce (AISEC), a world-wide organization with chapters in 53 countries.

Francis "Joe" Loughrey, Holyoke, Mass., a senior economics major, has been elected president of the national organization serving 80 universities and colleges in this country, and Paul C. Roberts, Appleton, Wisc., a senior accounting major, will serve as vice president. This is the first time in the history of the organization that two students from the same school have held major offices.

Loughrey and Roberts will assume their new offices July 1. They were delegates to the national conference held recently in Houston, Texas. Both will serve as U.S. delegates to an international conference scheduled for The Hague, Netherlands March 3-24.

AISEC, founded in France in 1946, provides traineeships for commerce students in foreign lands. It is supported by financial gifts from firms participating in the exchange program.

Loughrey served last year as midwest regional director of the U.S. group and Roberts served as national Asian coordinator.

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Assistant Directors of Public Information:

From: Jay J. Kane

February 8, 1971

Mrs. Jean Horiszny
Jay J. Kane

For Immediate Release

Notre Dame, Ind. -- Moderation of language in recent dialogues with Western nations has not diminished the Communist threat to world peace, according to Dr. Gerhart Niemeyer, professor of government and international studies at the University of Notre Dame, writing in a new book, "Deceitful Peace," published by Arlington House.

The author sees the relaxed tactics of the Soviets as little more than a mask for continued threats, and he challenges the overtures for peaceful coexistence. "Relaxing our vigilance now will only make the Communists more dangerous," he writes.

"The real danger," Niemeyer maintains, "lies not so much in wild Communist behavior as in the irrationality of the Communist outlook. That outlook, in spite of measures mistakenly labeled as liberalizations, has not changed. Czechoslovakia was simply an outburst of what continually simmers beneath the surface. The repression of Russian intellectuals perfectly expresses the fear and distrust that Communists harbor toward the world as it is."

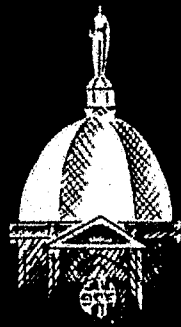
Niemeyer continues: "The Communists may well desire a period of peace, but they are unable to attain it at home or abroad with the outlook to which they are committed. To recognize that true peace must elude the Communists does not commit us to a war of annihilation. On the other hand, our desire to avoid war need not compel us to distort reality by pretending that Communists are just radical liberals."

A native of Essen, Germany, Niemeyer studied at Cambridge University, Munich University and Kiel University where he received a doctorate in 1932.

neimeyer...2

He left Germany when the Nazis came to power in 1933 and lectured in Spain until the outbreak of the Civil War in 1936. He has been a member of the Notre Dame faculty since 1955.

Niemeyer has served as a foreign service officer in the U.S. State Department, a research analyst for the Council on Foreign Relations, a faculty member of the National War College and the National Defense Strategy Seminar, and a Fulbright professor at the University of Munich. He is on the board of directors of Young Americans for Freedom and is an associate editor of Modern Age.

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DEPARTMENT of INFORMATION SERVICES

Richard W. Conklin, Director

Assistant Directors of Public Information:

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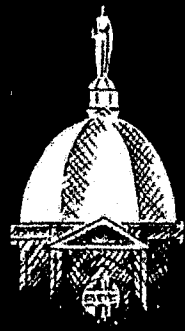
From: Mrs. Horiszny

February 9, 1971

For Immediate Release

Representatives of chemical industries across the country are meeting at the University of Notre Dame's Center for Continuing Education this week (Feb. 8-12) for a "Technical Seminar on Water Pollution Control for Chemical Wastes" sponsored by the Manufacturing Chemists Association, Notre Dame and Vanderbilt University.

The five-day seminar is designed to present an intensive course on water waste treatment and pollution control, through lectures, discussion, laboratory demonstrations and problem solving. The courses provide the industrial representatives with the latest technology for selecting, planning and designing treatment facilities for a variety of chemical wastes.

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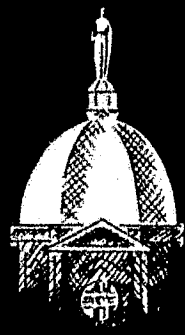
From: Mrs. Horiszny

February 9, 1971

For Immediate Release

William D. Ruckelshaus, head of the federal government's newly-created Environmental Protection Agency, will speak at 4 p.m. Thursday (Feb. 11) in the University of Notre Dame's Center for Continuing Education Auditorium.

The former House Republican floor leader of the Indiana Legislature, Ruckelshaus helped draft Indiana's current anti-pollution legislation. He will speak on "The Function of the Environmental Protection Agency" in a talk sponsored by the department of civil engineering.

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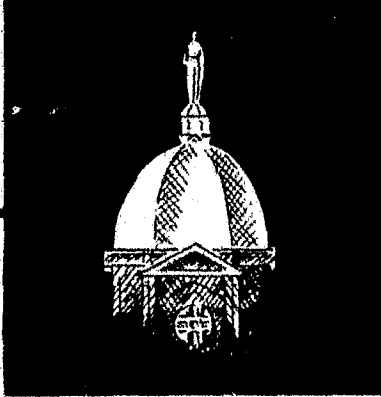
February 9, 1971

For Immediate Release

High school science courses normally explain liquids and gases in some detail, but treat solids as inert, changeless objects, if they are mentioned at all, complains Dr. Albert E. Miller, associate professor of metallurgical engineering and materials science at the University of Notre Dame.

He finds that students who have absorbed this attitude in high school are highly troubled when they learn that many chemical reactions proceed within solids, and that solids are capable of great internal variety. To combat this problem, Miller, the Notre Dame Student Chapter of the American Society for Metals (ASM) and the national chapter of the ASM have begun a campaign to acquaint some area science teachers with important concepts in solid state theory.

Last spring, six teachers from Riley, John Adams and Clay High Schools attended a special, four-week course taught by Miller on the basics of metals and solids. They received in-service credit for the course. This fall, the national chapter of the ASM supplied complete educational kits to each teacher, including texts, transparencies, exams, sample work problems, suggested lectures, styrofoam balls for model building and other visual aids. Miller and the students have volunteered to aid the six teachers in implementing the kit material in actual course work.

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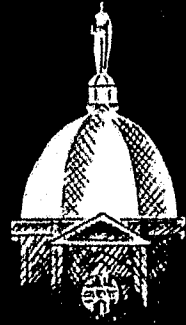
For Immediate Release

"Barrio Boy," the story of a Mexican village boy transplanted to an American barrio, has been published by the University of Notre Dame Press.

The study, written by Dr. Ernesto Galarza, a native of Mexico and a citizen of the United States, grew out of the United States-Mexico Border Studies Project at Notre Dame, financed by the Ford Foundation and directed by Dr. Julian Samora, professor of sociology.

"In this vivid and dramatic autobiography, Galarza provides us with exciting and incisive insights into the process of acculturation, as this young boy on a burro wends his way from a relatively simple existence in a Mexican village to a somewhat hectic and complex life in a different culture and in an urban setting," Samora comments in a preface. "Chicanos who have lived through and survived the acculturative process will appreciate the numerous obstacles to, and the struggle for, self-identity in a strange culture, while resisting complete 'Americanization.'"

Galarza, who holds a Ph.D. from Columbia University, lives in San Jose, Calif., where he is currently teaching, writing and lecturing. His other works include "Mexican Americans in the Southwest," with Samora and Herman Gallegos; "Zoo Risa"; "Merchants of Labor," and "Spiders in the House and Workers in the Field."

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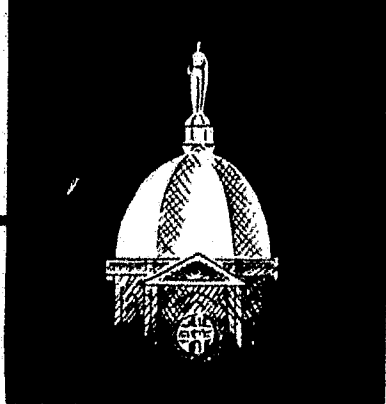
For Immediate Release

Notre Dame, Ind. -- The appointment of 11 new faculty members, five of whom are assigned to full-time teaching duties, has been announced by the Rev. James T. Burtchaell, C.S.C., provost of the University of Notre Dame. Two visiting professors also returned for the spring semester.

New faculty members include Francis J. Barnes, instructor in biology; David S. Breslow, visiting professor in chemistry; Francis P. Fiorenza, assistant professor, theology; Joseph J. Nahas, assistant professor, electrical engineering; and Milan Trpis, assistant faculty fellow, biology.

Part-time appointees include Mrs. Sheilah Brennan, visiting associate professor, philosophy; James P. Carroll, visiting instructor, communication arts; Mrs. Anastasia F. Gutting, instructor, philosophy; Mrs. Maben D. Herring, assistant professor, English; Charles F. Lumm, visiting professor, architecture; and Richard Tynes, instructor, aerospace and mechanical engineering.

Returning faculty members include Jose Enrique Miguens, visiting professor, economics, and Karl Stein, visiting professor, mathematics.

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From: Jay J. Kane

February 9, 1971

Mrs. Jean Horiszny
Jay J. KaneFor Immediate Release.

Notre Dame, Ind. -- An experimental educational program that puts seniors in the teacher's role of a freshman colloquium is entering its second semester at the University of Notre Dame amid early signs of effectiveness.

Entitled Senior Seminar/Freshman Year Colloquium, the project recognizes difficulties faced by most first-year students and the need for an upper-classman who is available to talk as a friend about the difficulties of one's courses, study habits, living accommodations, or any other typical problem. As for the seniors, they discovered that in a period of rapid education change there can be a "three-year generation gap."

Working in team pairs, the seniors have the responsibility of broadening the typical freshman's understanding of college education, of the opportunities available for professional specialization, and of the importance of developing the ability to participate in a community of intellectual inquiry. Classes are generally limited to 10 students.

The project is under the direction of Dr. Frederick J. Crosson, dean of the College of Arts and Letters; Dr. Otto Bird, university professor; Dr. John A. Oesterle, director of the collegiate seminar, and Dr. Thomas J. Musial, assistant professor of collegiate seminar.

Seniors, mostly drawn from the dean's list, first attend a series of lectures by Mr. Bird built around the question of what constitutes an educated man. His course develops a theory of the humanities which illustrates the interrelationships between the subjects studied in all of the traditional departments of the college.

freshman year. . . 2

The second phase of the program, the planning component, is conducted by Musial who explores the practical implications and consequences of the positions advanced in Bird's lectures, and presents the different possibilities for acquainting freshmen with opportunities for learning and personal growth both inside and outside the classroom.

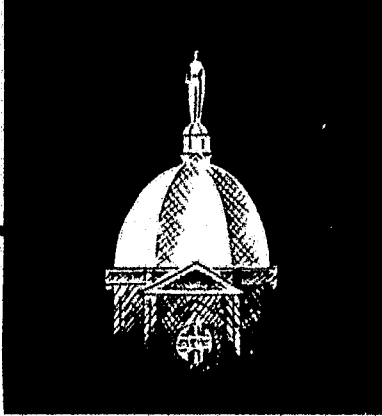
When the seniors move on to the classroom, they face a new breed of students "clamoring for more personal attention, students who crave personal example and models of heroic leadership," according to Musial. "Students today are asking the University to prepare them not only as a professional who must earn a living but as an individual who must live a life -- a creative, human and sensitive life. To a great extent, they are asking for a more liberal, humanizing education," Musial added.

A few predictable and some surprising evaluations of the experiment surfaced in a survey of opinions from both seniors and freshmen at the end of the first semester. Until they were cast in the role of instructors, seniors generally agreed they never knew how much or how little they knew about a subject. Teaching, for them, then became an extraordinary learning device.

The freshmen, in their reports and evaluations, expressed dissatisfaction and a feeling of restriction in what they were "forced" to study in all their required courses. The Freshman Colloquium for many of them became a field of random exploration of areas of learning too diverse to be characterized in any single way.

One first-year student reported unhappiness with the university structure almost immediately after his arrival. "I did my homework, passed my tests, went back to my room, and who cared?" Attendance at the colloquium became one of the bright spots in his week, he admitted, because he could express opinions on all the important concerns of his life: why are we at Notre Dame, what are we on earth for?

Musial believes the program has shown that contemporary students "want to exercise their capacity to judge, to think for themselves, to be independent of their books and their teachers, to discover their identity and to locate themselves within their society and the universe. These are certainly all noble objectives, and insofar as responsible ways for doing these things exist, we ought to show our students how to proceed."

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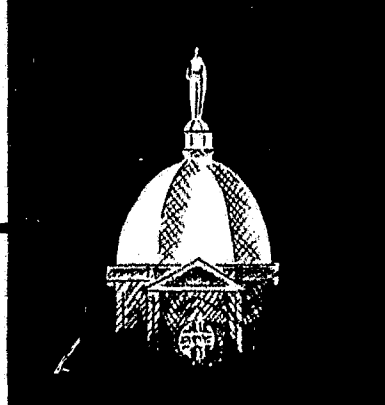
Dr. Wayne F. Echelberger, associate professor of civil engineering at the University of Notre Dame, has been elected to the Board of Directors of the American Association of Professors in Sanitary Engineering (AAPSE) for a three year term.

The 10-year-old organization represents educators on more than 50 campuses concerned with education in the field of environmental health and sanitary engineering.

The organization publishes a register of graduate schools offering programs in the environment, sponsors seminars of a variety of campuses, regularly offers workshops on education for environmental engineering, publishes a newsletter and sponsors a visiting lecturer program.

In addition, the AAPSE is evaluating manpower needs in the environmental area, hoping to establish educational guidelines and learn what expansion is likely in the near future. The organization is also studying the area of training technicians to operate sanitary engineering facilities and the possibility of establishing an undergraduate degree program in environmental science.

Dr. Echelberger has also been named a fellow of the American Institute of Chemists "in recognition of your professional standing and your contributions in environmental health."

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February 10, 1971
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FATHER ARTHUR J. HOPE, C.S.C.

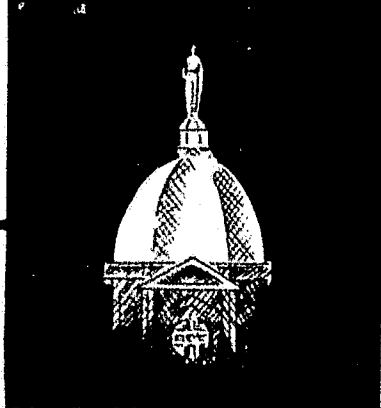
The Rev. Arthur J. Hope, C.S.C., 74, author of "Notre Dame - 100 Years," died Tuesday night (Feb. 9) in Holy Cross Hall after a lengthy illness. Friends may call after 1 p.m. Thursday at Moreau Seminary where the Office of the Dead and Mass will be at 3:30 p.m. Friday.

Father Hope was born September 11, 1896, in DeKalb, Ill., and entered the Congregation of the Holy Cross July 18, 1920. He studied at the Gregorian University, Rome, where he received a Ph.D. degree in philosophy in 1923 and a doctorate in sacred theology in 1927. He was ordained April 16, 1927.

Father Hope served as assistant director of Moreau Seminary from 1927 to 1930 when he was assigned to the University of Portland. He returned to Notre Dame in 1934, teaching philosophy, before his assignment to Sacred Heart Church, New Orleans, La., from 1938 to 1941.

Work on the book, a comprehensive history of the University from its earliest days, was completed from 1941 to 1943. In the spring of 1948, he brought the work up to date in a second edition. Father Hope also served as assistant editor of Ave Maria magazine from 1943 to 1945 and as chaplain at St. Joseph's Farm, Granger, from 1945 to 1954.

He returned to Ave Maria and University Archives in 1954-1955 and served as editor of Province Review, a newsletter, until his retirement in 1962. He is survived by four nieces and nine nephews.

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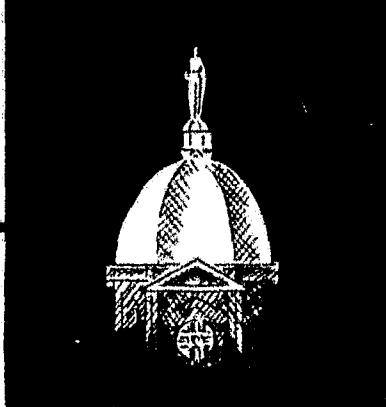
From: Jay J. Kane

February 10, 1971

For Immdiate Release

Notre Dame, Ind. -- The Rev. Theodore M. Hesburgh, C.S.C., president of the University of Notre Dame, will be a guest speaker at the 10:45 a.m. service Sunday at the First Methodist Church, South Bend.

Fr. Hesburgh, chairman of the U.S. Civil Rights Commission, will discuss "Am I My Brother's Keeper?" as the congregation observes Race Relations Sunday. Services are open to the public, according to the Rev. Eugene R. Balsley, senior minister of the church, located at 333 N. Main St.

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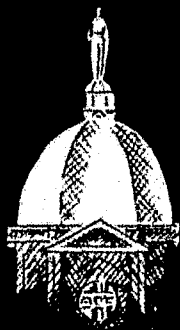
For Immediate Release

Dr. Harvey Bender, professor of biology at the University of Notre Dame, will chair a workshop on "The Genetic Future of Man" at a multidisciplinary seminar on "Contemporary Life Questions" at Alverno College in Milwaukee, Wis., Wednesday (Feb. 17).

Bender believes that the biological capability to create a "Brave New World" will be available soon after the year 2000. The problems of how this new knowledge will be used raise questions of morals, ethics, religion and politics. "The 'pill' has raised one of the major theological controversies of our time," Bender pointed out. "Consider, then, the potential issues raised concerning the possibility of direct genetic modification of man, of his behavioral control or of artificial human development," he said.

Bender will also serve on a panel of reactors to a talk by Dr. Daniel Callahan, editor of *Commonweal* and author of "Abortion: Law, Choice and Morality." Bender will discuss the biological aspects of problems raised by Callahan's talk, while other panel members will discuss the philosophical, political, sociological, medical and theological issues related to the topic.

Bender, a senior staff member of the Radiation Laboratory at Notre Dame, has served as National Science Foundation In-Service Institute Professor at Purdue University and U.S. Public Health Special Fellow at the California Institute of Technology. His research interests are in the field of genetics and the effects of radiation on heredity.

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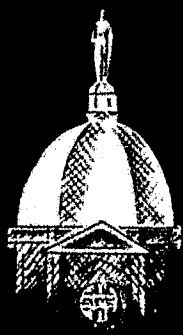
For Immediate Release

Sierra Leone's ambassador to the United States will deliver the 1971 Harry R. Nortman Lecture in Architecture at 2:30 p.m. Wednesday (Feb. 17) in the University of Notre Dame's Architecture Building Auditorium.

His talk, sponsored by the department of architecture, will deal with the comprehensive problem of planning, design and responsible decision making in development. The public is invited to attend.

Dr. John J. Akar, composer of the Sierra Leone National Anthem and a former Secretary of the Commonwealth Broadcasting Conference Secretariat in London, is a noted broadcaster, actor, poet, playwright and journalist. Educated at Otterbein College in Westerville, Ohio, and the University of California at Berkeley, he has travelled widely in the United States as a Danforth Foundation Visiting Lecturer on Africa, has appeared on the David Frost Show and holds honorary doctorates at Albright College in Reading, Pa. and Otterbein College. In 1970, he was elected an honorary trustee of Baker University in Baldwin, Kan.

In Sierra Leone, he founded the National Dance Troupe, directed the Museum, Monuments and Relics Commission, and headed the National Theatre Guild.

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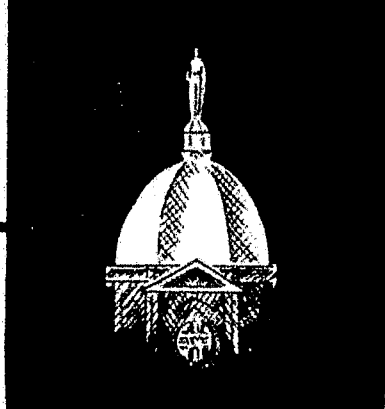
From: Mrs. Horiszny

February

10, 1971

For Immediate Release

The film "Migrant Florida Fruit Pickers" will be shown at 8 p.m. Sunday (Feb. 14) in Room 127 of the Nieuwland Science Hall on the University of Notre Dame campus. The public is invited to attend the film, sponsored by the Notre Dame-Saint Mary's Academic Commission.

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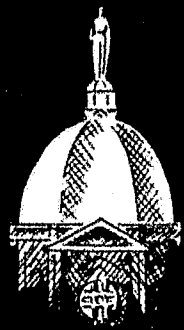
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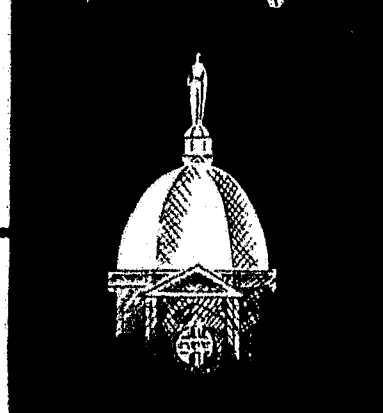
For Immediate Release

Dr. Tjaard G. Hommes, a United Church of Christ minister who heads the University of Notre Dame's doctoral program in pastoral theology, was elected president of the National Association of Field Education Directors (NAFED) at the group's biennial meeting held recently at Union Theological Seminary, New York.

The organization is composed of those involved in seminary-related field education and has pioneered in new models of theology study for several years.

Hommes, a native of the Netherlands, holds degrees from Leyden University, the Seminary of the Remonstrant Brotherhood, Andover-Newton Theology School, and Harvard University's School of Divinity. While on the faculty of Harvard, he directed field education for the Boston Theological Institute, a consortium of seven theological faculties in the Boston Area. He was ordained in 1953 and joined the Notre Dame faculty last year.

He said the 1973 convention of the NAFED would be held at Notre Dame.

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Mrs. Jean Horiszny

Jay J. Kane

From: Conklin

February 11, 1971

For Immediate Release

Notre Dame, Ind. -- The University of Notre Dame department of theology and the Boston Theological Institute (BTI) will co-sponsor a summer institute for seminary-related field education directors June 15-30 on the Notre Dame campus.

The institute is the first of three planned under a \$50,000 grant from the Lilly Endowment, Inc., of Indianapolis, according to Dr. Tjaard G. Hommes, director of the pastoral theology program at Notre Dame and co-director of the institute.

Field education, Hommes explained, used to be a poor stepchild of the seminary curriculum but has come into its own in an age where seminary students are seeking the kind of education which enables them to carry on meaningful service in a society which has become complex, secular, technological, urbanized and politicized. "People more than thoughts or systems of ideas are often the focus of students' interest," Hommes said, "and this requires theological education in the context of actual live settings, in which students and teachers can learn and grow together, experiment together in a community of learning."

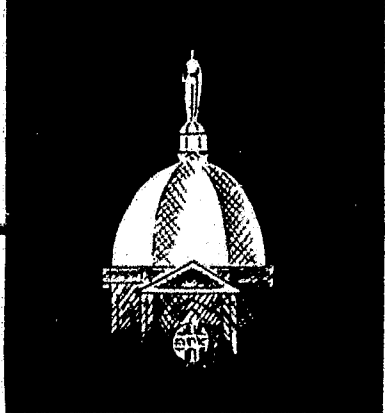
The institute, according to Hommes, is destined to provide and demonstrate a model of "integrative learning" in which academic theological reflection will take place in the context of actual or simulated situations of ministry. Lectures and seminars will be balanced by workshops, sometimes involving participation in community programs and sometimes using classroom simulations, such as role-playing, socio-drama and group dynamics analysis.

theology institute...2

A maximum of 20 different registrants, preferably those new to the field, will be accommodated each summer, and the venture is ecumenical. Hommes, an ordained United Church of Christ minister, will share directorship of the institutes with the Rev. Richard T. Cleary, S.J., who holds Hommes' former position of director of field education for BTI, a consortium of seven theological schools in the Boston area. BTI will host the 1972 institute, which will return to Notre Dame in 1973.

The full-time faculty will also include the Rev. Donald McNeill, C.S.C., assistant professor of pastoral theology at Notre Dame, and Dr. Robert E. Treese, professor of pastoral theology at Boston University. Resource persons include three from Notre Dame or Moreau Seminary -- Father James C. Buckley, Msgr. John J. Egan, and Father Henri J. Nouwen -- and others from BTI, Drew University Theology School, Union Theological Seminary, New York, Harvard Divinity School, and St. John's Seminary, Boston.

Applications may be obtained by writing Hommes at Notre Dame. The fee for the institute is \$75 a person.

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February 11, 1971Mrs. Jean Horiszny
Jay J. Kane

From: Conklin

FOR RELEASE P.M. NEWSPAPERS, FRIDAY, FEBRUARY 12, 1971

Notre Dame, Ind.-- William M. Kunstler, an attorney who has defended several prominent activist leaders, has been selected as the 1971 Senior Fellow by the University of Notre Dame senior class.

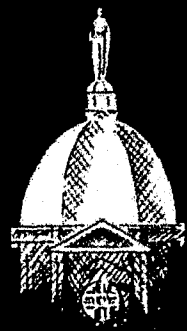
Kunstler won in a vote which also included seven other candidates-- former New Haven, Conn., police chief James Ahern; Dr. Charles Hurst, president of Chicago's Malcolm X Community College; James MacGregor Burns, American political historian; philosopher Josef Pieper; novelist Saul Bellow; psychologist and utopian theorist B.F. Skinner, and radical journalist I.F. Stone. A total of 402 seniors voted out of 1,450 eligible.

The Senior Fellow award was established in 1969 to honor "an individual who has the integrity, the decency and the willingness to work for the best values and finest traditions of our society." The winning candidate normally spends a day or two on the Notre Dame campus, giving a public lecture and meeting informally with students. Previous winners have been former Sen. Eugene J. McCarthy of Minnesota and former Rep. Allard K. Lowenstein of New York City.

Kunstler received his undergraduate degree from Yale University in 1941 and his law degree from Columbia in 1944. Since 1951 he has been a member of the Manhattan firm of Kunstler, Kunstler, Kenoy and has gained his reputation defending such persons as Dr. Martin Luther King, Jr., former Rep. Adam Clayton Powell, Stokely Carmichael and H. Rap Brown. Following his well-publicized defense of the "Chicago Seven" last year, Kunstler spoke without incident on the Notre Dame campus at a time when he was banned from several other schools.

Currently he has assumed the defense of Daniel and Philip Berrigan against charges of conspiring to bomb government property and kidnap a federal official.

Richard Liguanti, a senior from Spring Valley, N.Y., who heads the selection committee, said a time for Kunstler's appearance on campus would be announced later.

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February 15, 1971Mrs. Jean Horiszny
Jay J. Kane

From: Mrs. Horiszny

For Immediate Release.

Dried algae for cattle and poultry feed may be a spin-off from a new system of waste-water treatment under investigation by Dr. Wayne F. Echelberger, associate professor of civil engineering at the University of Notre Dame.

"If nitrates and phosphates generate excessive growth of algae in lakes and streams, why not expose waste water to algae before it is released from the water treatment plant?" Echelberger asked. "Hopefully the algae would reduce pollutants in the discharged water to an acceptable level, and could possibly provide a protein-rich meal for fertilizer, animal feed or perhaps as an acceptable diet for the world's hungry," he added.

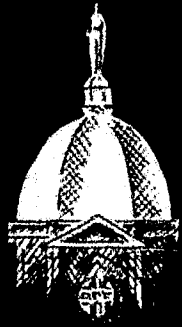
Algae are unusual in that they can change their composition depending on the type of nutrients supplied them. Algae grown under high nitrate conditions are rich in proteins, a nutrient woefully lacking in many underdeveloped countries around the world.

Echelberger has been investigating the basic idea of using algae to remove phosphates and nitrates from waste water since his days as a graduate student at the University of Michigan, and has solved several technical problems associated with the system. However, he said, several major problems remain. The biggest is the lack of sunlight in areas like South Bend, which would require expensive artificial illumination. Other problems include harvesting the algae and developing a circulation system to insure that all the algae receives enough light within the large storage tanks.

Temperature, however, would probably not be a problem. Although algae requires moderately warm temperatures for growth, Echelberger explained that sewage is usually about 60 to 70 degrees even in winter.

waste water treatment . . . 2

Even though such a system could probably remove phosphates and nitrates efficiently, Echelberger believes that the sale of synthetic detergents which contain large amounts of phosphates should be regulated or curtailed through governmental legislation. "We should try to eliminate pollution at the source in order to minimize the cost to the public of controlling such wastes," he said. The treatment plant Echelberger describes would cost considerably more than conventional plants, he explained, perhaps doubling the cost of waste-water treatment.

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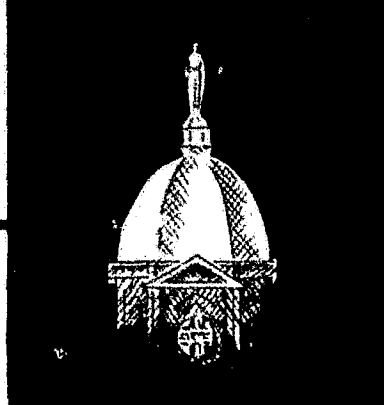
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February 15, 1971 Jay J. Kane

For Immediate Release

Notre Dame, Ind. -- Dr. John J. Kane, professor of sociology at the University of Notre Dame and Saint Mary's College, is the recipient of a third grant from the American Philosophical Society to continue research on the Protestant-Catholic conflict in Ireland.

Dr. Kane will travel to Ireland in April for a six-week study of current tensions. He will meet with leaders of the Catholic and Protestant factions in Belfast and Derry before traveling to London for a conference with Unionist spokesmen in Westminster.

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DEPARTMENT of INFORMATION SERVICES

Richard W. Conklin, Director

Assistant Directors of Public Information:

Mrs. Jean Horiszny

From: Jay J. Kane

February 15, 1971
Jay J. Kane

For Immediate Release

Notre Dame, Ind. -- Dr. William T. Liu, professor of sociology and a specialist in the study of population dynamics, will become chairman of the department of sociology at the University of Notre Dame June 1, according to an announcement by the Rev. James T. Burtchaell, C.S.C., provost. He succeeds Dr. William V. D'Antonio who will become chairman of the sociology department at the University of Connecticut.

A native of Nanking, China, Liu received a master's degree in sociology at Notre Dame in 1952 and has been a member of the teaching staff at the University since 1962. He presently serves as director of the Social Science Training and Research Laboratory and director of the Institute for the Study of Population and Social Change at Notre Dame.

In addition to his Notre Dame degree, Liu attended Fu Jen University, Peking, China; the College of St. Thomas; Florida State University, where he received his doctorate in sociology, and the University of Chicago, where he served as post-doctoral fellow in social psychology. He has held teaching positions at Nazareth College, Louisville, Ky.; Florida State University; University of Portland; University of San Carlos, Cebu City, Philippines; and is presently serving as visiting professor, department of population dynamics, Johns Hopkins University.

Liu serves as a director of Planned Parenthood/World Population, the Institute for the Study of Ethical Issues, and the National Association of Matrimonial Lawyers. He is series editor of the Notre Dame Population Monograph Series.

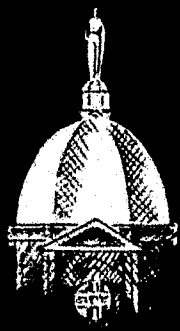
dr. liu...2

Books authored or co-authored by Liu include "Social Psychology for Education," "Chinese Society Under Communism," "Family and Fertility," "Catholics: U.S.A.: Perspectives for Change," and "The Emerging Women: The Impact of Family Planning." Dr. Liu also collaborated with his wife, May, an artist, in a new publication, "Essence of Chinese Cuisine."

He holds membership in the International Scientific Commission on the Family, Population Association of America, National Council on Family Relations, American Academy for the Advancement of Science, and American Sociological Association.

A native of New Haven, Conn., D'Antonio has been a member of the Notre Dame faculty since 1959. He attended Yale University, National University of Mexico, University of Wisconsin and Michigan State University.

He was a co-director with Liu in 1966 of a national study on the Christian Family Movement, the co-author of a recent study on Mexican-Americans in Fabens, Tex., and the co-author of an introductory textbook in sociology.

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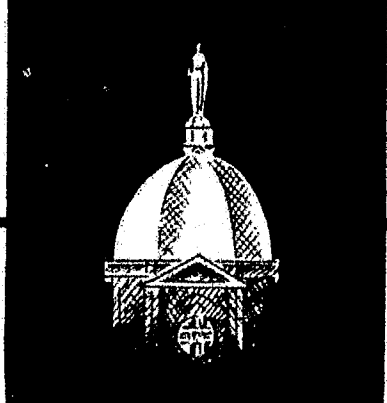
For Immediate Release

Notre Dame, Ind. -- There are 37 religions other than Roman Catholic represented in the student body of the University of Notre Dame, according to a survey by Rev. William A. Toohey, C.S.C., director of campus ministry. They constitute 11 per cent of the 8,156 graduate and undergraduate students currently enrolled.

Of the 579 non-Catholic students, 275 are undergraduates and 304 are graduate students. There are 342 who claim no church affiliation, including 216 undergraduates and 126 graduate students.

Major religions represented on the campus this year include Methodist, 92; Lutheran, 60; Presbyterian, 58; Baptist, 45; Episcopalian, 44; and Hebrew, 25. An additional 131 students listed their religion as "Protestant."

Also included in the listing of religious faiths are Hindu, Buddhist, Sikh, Moslem, Bahai, Bokanis, Boltunist, Moravian, and Shinto.

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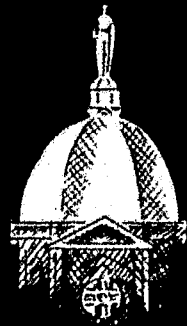
Notre Dame, Ind. -- A second meeting of the Catholic Committee on Urban Ministry (CCUM) will be held March 7-10 at Moreau Seminary to discuss the theology of social action.

CCUM, an informal organization of priests across the country engaged in the urban ministry, was founded in 1967 by Msgr. John J. Egan, a priest of Archdiocese of Chicago who is currently a senior fellow in the University of Notre Dame's department of theology. The March meeting of the group grew out of one held last November at the Seminary.

The Rev. Richard McBrien, professor of systematic theology at John XXIII Institute in Boston and professor of theology at Boston College, will give two talks March 8, "The Theology of Social Action in the Ministry of the Church" and "The Theology of Social Action in the Ministry of the Priest." Fr. McBrien is the author of two books, "Do We Need the Church?" and "The Church: The Continuing Search."

Also on the agenda for the meeting are a discussion of the National Office for Black Catholics by Brother Joseph Davis and of national Chicano situation by Rev. Ralph Ruiz, president of PADRES. Msgr. Geno Baroni will bring the group up to date on the "white ethnic" apostolate, and Rev. P. David Finks will report on the American Bishops' Human Development Campaign. The philosophy, goals and future of CCUM are also listed as a topic.

Msgr. Egan, who organized the meeting, is chairman of CCUM, for which Notre Dame's Institute for Urban Studies acts as secretariat.

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February 16, 1971

For Immediate Release.

The University of Notre Dame has accepted awards totaling \$562,083 for the month of January to support research and educational programs, according to Dr. Frederick D. Rossini, vice president of research and sponsored programs.

The largest ^{research} grant will support a study on "Economic Problems of Non-Public Schools," by Dr. Frank J. Fahey, director of the Office for Educational Research. Under the \$125,000 grant from the U.S. Office of Education, Fahey will study the possible effects on public schools which could result from the forced closing of non-public educational institutions.

The Atomic Energy Commission awarded the University \$90,000 to support the "Program in Nuclear Spectroscopy" directed by Dr. John W. Mihelich, professor of physics. With Dr. Emerson G. Funk, professor of physics, Mihelich is studying the structure of the atomic center by observing the decay of excited nuclei.

Awards for research totaled \$243,313 including the above grants and the following:

--\$20,613 from the National Institutes of Health for a study of "Cellular Aspects of the Mechanisms in Ab Synthesis" by Dr. Albert A. Nordin, associate professor of microbiology.

--\$6,300 from the Environmental Protection Agency for a research fellowship in the department of civil engineering.

--\$1,400 from the Union Carbide Corporation for "Research Time on ESCA Instrument" for Dr. Jeremiah P. Freeman, professor of chemistry.

Awards for educational programs totaled \$318,770 and included:

- more -

January awards . . . 2

--\$250,000 from the Annenberg School of Communications for "Support of Communications in the performing arts area."

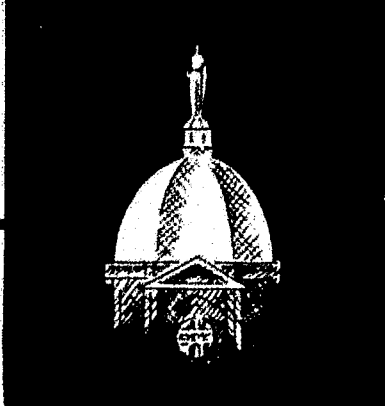
--\$50,000 from the Lilly Endowment Inc. for a summer institute for field education in theology, directed by Dr. Tjaard G. Hommes, associate professor of theology.

--\$6,420 from the National Science Foundation (NSF) for an undergraduate research participation program in psychology.

--\$6,000 from the Arthur J. Schmitt Foundation to support the Arthur J. Schmitt Challenges in Science lectures.

--\$4,350 from the NSF for an undergraduate research participation program in metallurgy.

--\$2,000 from the Keystone Carbon Co. as a grant-in-aid to the department of aerospace and mechanical engineering.

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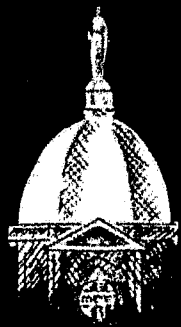
From: Jay J. Kane

February 16, 1971

For Immediate Release.

Notre Dame, Ind. -- Acceptance of University of Notre Dame students in the nation's medical schools is maintaining a record pace, according to the Rev. Joseph L. Walter, C.S.C, chairman of the department of pre-professional studies. Approximately 70 per cent of those applying from Notre Dame are accepted, compared to 43 per cent from all other schools in the country.

Notre Dame students have also attained an enviable record of acceptance at the more prestigious medical schools, according to Fr. Walter, who recently succeeded the late Dr. Lawrence H. Baldinger.

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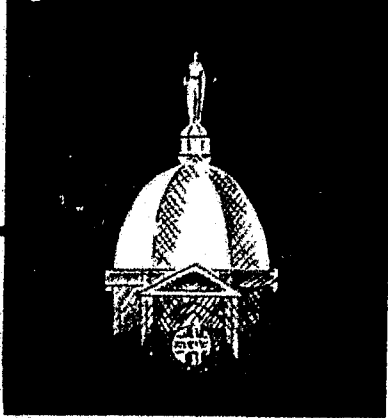
February 16, 1971

For Immediate Release.

Notre Dame, Ind. -- Six seniors in the University of Notre Dame Law School will participate in the annual Moot Court competition at 8:30 p.m. Saturday (Feb. 20) in the Center for Continuing Education. The question to be argued is whether or not a newspaper reporter has the constitutional privilege to refuse to disclose his sources for a news article.

Presiding judges at the competition will be Justice Louis H. Burke of the California Supreme Court, Judge Wade H. Murray of the Boston Federal Court, and Judge Frank J. McCree of the Federal Court of Appeals, Sixth District, Detroit.

Petitioners at the hearing will be James Aranda, South Bend; Michael Brennan, Sycamore, Ill., and Theodore Leo, Nutley, N.J. Respondents will be Joseph Beisenstein, Mishawaka; David Bornhorst, Charleston, S.C., and Michael Scopelitis, South Bend. All participated in the regional competition of National Moot Court Finals in Chicago during November, 1970.

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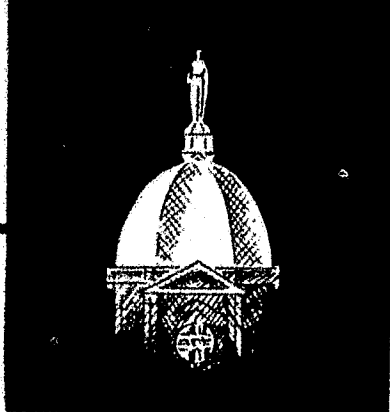
Assistant Directors of Public Information:
February 18, 1971Mrs. Jean Horiszny
Jay J. Kane

From: Mrs. Horiszny

For Immediate Release.

Dr. Don Mittleman, professor of computing science at the University of Notre Dame, will talk before a colloquium at the National Bureau of Standards in Gaithersburg, Md., Friday (Feb. 19).

Mittleman, also president of the Society for Automation in the Fine Arts, will speak on "Some Experiments in Computer Art."

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February 18, 1971

For Immediate Release.

Notre Dame, Ind. -- The University of Notre Dame, founded in 1842 at the site of a Indian missionary chapel in the Indiana wilderness, has redoubled its efforts to aid the American Indian, described by its president as "the low man on the nation's educational totem pole."

The Rev. Theodore M. Hesburgh, C.S.C., who is also chairman of the U.S. Civil Rights Commission, made the reference to the educational plight of the American Indian at a national conference on the problem last year on campus. Since then, faculty and students have reported the following accomplishments:

--More than 3 1/2 tons of books, collected by students, faculty and friends of the university, are being readied for shipment to the newly-founded Rosebud Reservation College in South Dakota.

--The Rev. Ivo Thomas, O.P., a professor in Notre Dame's general program of liberal studies, and Dr. Frederick W. Dow, professor of travel management, will attend the dedication and an "education pow-wow" this weekend at Rosebud, one of a series of meetings designed to increase reservation educational capacities and to encourage outstanding students to seek advanced degrees so that they might become future teachers for their people.

--The establishment of a marketing cooperative program for Indian craftsmen and providing an outlet for their beadwork and other articles in South Bend, Chicago, and other area communities.

--A study of economic procedures by students of marketing at Notre Dame and the recommendation of a sales campaign for craftwork.

--Accelerated attention in the recruitment of outstanding American Indian

Indian project . . . 2

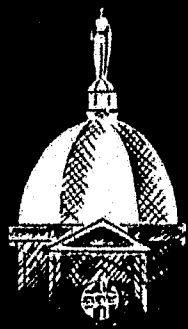
students to attend Notre Dame on funds provided by the minority scholarship program. As many as eight students of Indian ancestry are expected to be enrolled next semester, compared to one last year.

--Several Notre Dame students spent last summer working with Indian youth, and one student leader, Tim Sweeney, is completing his first year at Rosebud as a social studies teacher and athletics coach.

In addition to these actions, Dr. A.L. Soens, Jr., associate professor of English and long-time champion of the Indian cause, has spearheaded a campus-wide program of concern among students and faculty. Soens reports that the university's concern for Indian affairs has been constant over the years since the Potowatomie tribe occupied the land on which Notre Dame now stands. There is evidence, he reports, that one early student, Juan Patron, befriended and gave shelter to Billy the Kid, the notorious "Robin Hood of the Plains," when he was sought by U.S. troops for his support of Spanish-American and Indian land rights.

Others at Notre Dame participating in the program include the Rev. Ernest Bartell, C.S.C., economics professor and director of the Center for Study of Man in Contemporary Society; Vincent R. Raymond, assistant dean of the College of Business Administration, and students William H. Kurtz, a senior from New Orleans, and Richard J. Hunter, a senior from Belmar, N.J. Admissions counselor Dan Saracino has visited the Rosebud Reservation to talk to prospective students.

Also involved are Dr. Julian Samora, professor of sociology; Dr. Wayne F. Echelberger Jr., associate professor of civil engineering; Dr. Vincent P. DeSantis, chairman of the department of history, and Dr. Harvey A. Bender, professor of biology.

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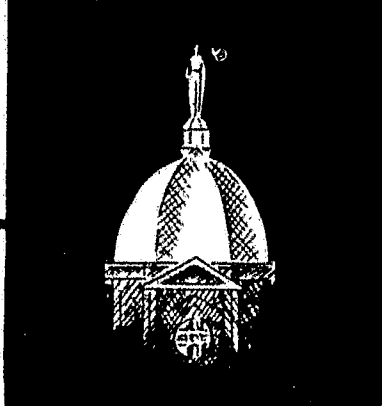
For Immediate Release

Notre Dame, Ind. -- Edward A. Fischer, professor in Notre Dame's department of communication arts, is the author of "Ritual as Communication," published in the February issue of *Worship*, a magazine of liturgical studies.

"We need to accept numerous ways of praising God and of being aware of his presence in the world," Fischer writes. "If we try to make one ritual fit everyone from eight to 80, learned and unlearned, civilized and semi-barbaric, we are out of touch with reality, something that always takes its toll."

Fischer contends that birds of a feather "do flock together." He says it is easier to get a middle-of-the-road Catholic and a middle-of-the-road Jew to sit down and reason together than to reconcile either of them to the extremes of the right or left within his own religion.

The article is the transcription of an October address given by Fischer before the national meeting of Diocesan Liturgical Commissions in Louisville, Ky.

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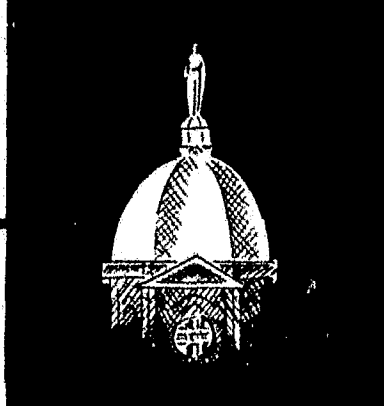
For Immediate Release

Notre Dame, Ind. -- Dr. Kan Ori, visiting professor at Indiana University and assistant dean of the graduate school at Sophia University, Tokyo, will discuss contemporary Japanese politics at 4 p.m. Tuesday (Feb. 23) in Room 1201, Notre Dame Memorial Library. The talk is sponsored by the Committee on International Relations and the Student Union Academic Commission.

Ori will meet with Notre Dame students who attended Sophia during their sophomore year at 8 p.m. Tuesday in the campus Knights of Columbus hall. He will answer questions of other students interested in the Japanese university and meet with Dr. Stephen D. Kertesz, director of Notre Dame's Institute for International Studies, and the Rev. Lawrence G. Broestl, C.S.C., director of foreign studies program.

A native of Osaka, Japan, Ori attended Taylor University, and received advanced degrees from Indiana University where he majored in political science. He has served as an instructor at Marquette and Loyola (Chicago) Universities in this country, and at Tokai, Senshu and Sophia Universities in Japan.

Ori is presently visiting this country on a Fulbright Fellowship. He was previously honored as a Matsunaga Science Foundation grantee and as the recipient of an Indiana University Fellowship. He is the author of several professional papers and research projects, including "The Politicized Nature of the County Prosecutor's Office," published in the Notre Dame Lawyer in April, 1965.

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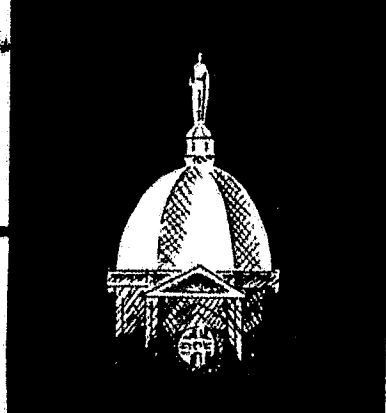
Notre Dame, Ind. -- A record second semester enrollment of 7,948 students has been reported at the University of Notre Dame. This compares to 7,659 in the same period last year, 7,526 in 1968-69, and 7,500 in 1967-68.

Undergraduate enrollment totals 6,282, graduate enrollment is 1,227 and College of Law reports 419 students. In addition, there are 20 students enrolled in night classes in the Colleges of Arts and Letters and Science.

Undergraduate enrollment shows 1,708 in Freshman Year of Studies, 2,261 in the College of Arts and Letters, 918 in College of Business Administration, 725 in College of Engineering and 670 in the College of Science. A total of 802 Freshman Year students have indicated their intentions to pursue courses in the College of Arts and Letters, 285 in business administration, 296 in engineering, and 322 in science.

Enrollment at Notre Dame's overseas campuses show 34 at Innsbruck, Austria; 25 at Angers, France; 20 at University of Sophia, Tokyo; and 14 at Mexico City. There are 51 architecture students from Notre Dame studying in Rome and 25 law students in London.

There are 1,254 Notre Dame students taking 1,753 courses at Saint Mary's College, up from the 1,204 taking 1,711 courses reported in September. A total of 857 Saint Mary's students are taking 1,596 courses at Notre Dame, compared to 765 enrolled in 1,442 courses in September.

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February 18, 1971

For Immediate Release

When a rat's major site of red-blood cell production comes under attack, it can simply relocate the function in a more protected spot, according to Dr. Charles Brambel, professor of chemistry at the University of Notre Dame. The Atomic Energy Commission has awarded Notre Dame \$17,500 to support Brambel's research on the internal mechanisms which allow rats to make this switch.

The ability to relocate red cell production allows the rat to survive radiation which would produce severe anemia and death in humans, Brambel continued. He is studying several hundred animals living under continuous, low-level radiation which destroys the primary site of red cell production, the bone marrow. Under this stress situation, the rat's spleen will develop the ability to manufacture these cells. The spleen, a small organ that sits behind the stomach, ordinarily destroys worn out red cells.

Brambel is particularly interested in two questions: How does the rat know when to begin red cell production in the spleen? How is it able to carry out cell division even under continuous radiation? Radiation is especially destructive of developing or dividing cells, a characteristic that makes it useful in treating cancer.

Brambel believes the answers to these questions could offer some valuable tools to medical science in the treatment of some symptoms of radiation sickness and incurable anemias associated with cancer. The protective mechanisms that allow continued cell production in the spleen even under heavy radiation might be duplicated to protect some human tissues from damage. The chemical cues that tell the spleen to begin

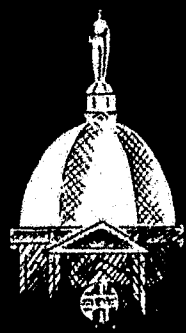
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charles brambel...2

red cell production might be copied in the human body, perhaps awakening a "latent" ability in the human spleen to manufacture this major blood component.

In his search for these answers, Brambel must first unravel the complicated structure of rat hemoglobin the protein that makes up the red cells. The rat hemoglobin consists of six components, and is far more complicated than the well-understood, two-part human variety.

He must also identify the precise set of chemical cues that triggers the rat's spleen to begin manufacturing red cells. So far, a variety of substances have failed to produce any response in the spleen, although a drop in red cell level unfailingly leads the organ to switch on its hemoglobin-producing facilities. When the bone marrow regains its function and the red cell level rises in the blood, the spleen quickly reverts to its old role.

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February 18, 1971

For Immediate Release

Evidence that the proton is not the elemental particle scientists have long believed it to be is being collected by the High Energy Physics Project at the University of Notre Dame. The continuing project, directed by Dr. V. Paul Kenney, professor of physics, has received support through a \$198,000 grant from the National Science Foundation.

Results of experiments by seven Notre Dame researchers at the Brookhaven National Laboratory indicate that the proton may actually be composed of smaller pieces called "partons," which Kenney believes may at last be the "elemental" particles physicists are searching for. Drs. Nripen Biswas, Neal Cason and William Shephard, associate professors of physics, will work with Kenney in an experiment planned to be the first at Argonne National Laboratory's 12-foot bubble chamber, the world's largest, in an effort to gain corroborative evidence. In this experiment, the researchers will be investigating the disintegration of high-energy protons. Dr. John A. Poirier, professor of physics, and Drs. Oscar Sander and Charles Rey, assistant professors of physics, also participate in the project.

High energy, charged particles leave "footprints" of tiny bubbles as they speed through the low-temperature hydrogen of the bubble chamber, Kenney explained. Photographs of the tracks are then analyzed at Notre Dame to determine the size, energy and charge of the particles produced in the interaction.

The photographs of the particle "footprints" are then analyzed at Notre Dame by sophisticated equipment designed by Ronald Erichsen, staff professional specialist. The complex scanners which can "talk" to a

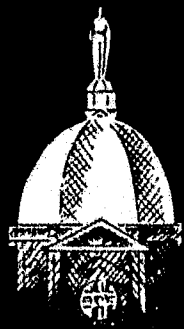
particle research...2

computer enable the physicists to determine the particle's original path accurately to 1/20,000 of an inch, or approximately the wavelength of visible light.

Kenney presented preliminary evidence for the existence of partons at the International Conference on High Energy Physics at Kiev, Soviet Union. Interest over the results runs high for two reasons. First, the protons are the primary component of cosmic rays, which caused the "light flashes" reported by the astronauts during space travel. Understanding how protons behave under controlled laboratory conditions may shed some light on the energetic particles which constantly bombard space travellers and which even pierce the earth's protective atmosphere to create the Northern Lights.

Second, detailed information from experiments on the bewildering array of sub-atomic particles is pieced together in the hopes of deducing the fundamental physical laws which govern the behavior of the forces of nature. Kenney believes that the newly-discovered partons may be the source of the strong nuclear force, which was first released in the atomic bomb. Understanding the laws governing this force may lead to more controlled, efficient use of nuclear energy to fulfil growing power needs.

The NSF grant also supports research on the fundamental particles using spark chambers as a tool. Instead of taking photographs of the entire particle path, the chambers give researchers a series of points, from which the path can be determined.

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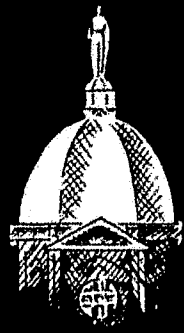
Notre Dame, Ind. -- Dr. George N. Shuster, assistant to the president of Notre Dame and former president of Hunter College, New York, is one of 11 distinguished educators contributing to a new book, "Leaders in American Education," a study of the educational past.

The book, published by the University of Chicago press, will be presented formally at the annual meeting of the History of Education Society in Chicago Friday (Feb. 26). Dr. Robert J. Havighurst, professor of education at the University of Chicago, is the editor of the book sponsored by the National Society for the Study of Education.

Other contributors to the collection of autobiographies include John S. Brubacher, educational philosopher at Yale and the University of Michigan; William G. Carr, creator of the World Organization of the Teaching Profession; James B. Conant of Harvard University and proponent of the comprehensive high school; George S. Counts, formerly of Columbia and now a professor at Southern Illinois University; and Arthur I. Gates, educational psychologist at Columbia.

Also, Sidney Pressey of Ohio State University and inventor of the teaching machine; George D. Stoddard, chancellor of Long Island University; Ruth Strang, specialist in studies of children; Robert Ulich, Harvard; and Carleton Washburne, international leader of the progressive school movement.

In a concluding chapter of the book, Paul Woodring of Western Washington State College and Robert McCaul of the University of Chicago, write "all 11 demanded changes and had the courage to face the counterattacks that must be expected by those who challenge the status quo."

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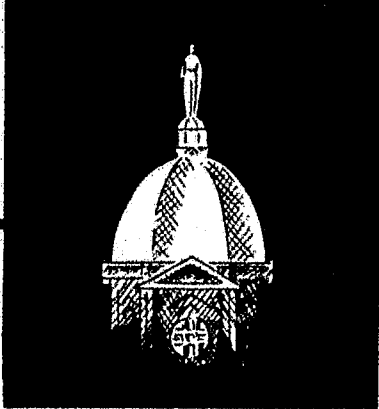
For Immediate Release

Warner Saunders, executive director of the Better Boys Foundation, will give a talk titled "Never Follow a Kid Act" at 8 p.m. Thursday (Feb. 25) in Carroll Hall on the Saint Mary's campus.

An experienced social worker, teacher, writer and lecturer, Saunders is a columnist for the Chicago Daily Defender and a commentator for Channel 44 in Chicago. His talk will deal with the youth revolt and adult reaction.

Saunders has published papers on "Gangs: Their Education and Essence" and "Social Forces Alleviating or Aggravating the Ghetto." He participated in conferences on Race and Religion, Black Social Workers and the National Association of Housing and Redevelopment Officials Conference, and is a lecturer at Northeastern Illinois State College and Indiana University Northwest.

His talk is sponsored by the Notre Dame-Saint Mary's Academic Commission.

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February 22, 1971

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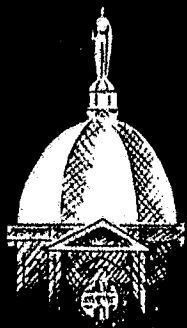
Scottish baritone Niven Miller will perform a concert of Robert Burns poetry set to music, English folk songs, sacred music and opera at 8:15 on March 10 in the University of Notre Dame's Library Auditorium.

A native of St. Monance in Fifeshire, Scotland, Miller has performed throughout the British Commonwealth, Europe and the United States. He is also the star of the new "Senator Emerson Foundation Half Hour" titled "Thoughts for Today," on the Canadian network CHSJ-TV. The show centers on religious issues, and includes songs, films, photos and commentaries by Miller on his religious philosophy.

In his Notre Dame concert, Miller will perform such Burns works as "O My Love is Like a Red, Red Rose," "Bonnie Wee Thing" and "A Man's A Man For A' That." Opera selections will include "Largo al Factotum" from "The Barber of Seville," "Non Piu Andrai" from the "Marriage of Figaro," and "Che Faro" from "Orfeo e Euridice,"

Miller will be accompanied by pianist Kenneth Bowen of the New York Julliard School of Music, who frequently opens the concert with an overture of themes from the program. The concert is sponsored by the department of music, and admission is \$1 at the door.

Described in many reviews as "relaxed and informal," Miller wears traditional highland dress and boasts an authentic Scottish accent. He has participated in seven consecutive Edinburgh Festivals, performed with the Glyndebourne Opera in London, and won top place in the New Zealand LP Hit Parade.

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Assistant Directors of Public Information:

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From: Jay J. Kane

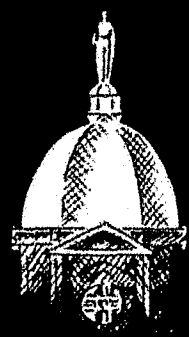
February 22, 1971
Jay J. Kane

For Immediate Release

Notre Dame, Ind. -- Dr. Ogden R. Lindsley, director of educational research of the Children's Rehabilitation Unit of the University of Kansas Medical Center, will discuss "Principles of Precision Education Management Systems" at 4:15 p.m. Friday (Feb. 26) in the Notre Dame Memorial Library auditorium.

The recipient of the Hofheimer Prize of the American Psychiatric Association and the Golden Plate Award of the American Academy of Achievement, Lindsley has conducted research on special education diagnosis and remediation at the University of Kansas and Harvard Medical School.

This lecture is the third in the colloquium series of the department of psychology at the University of Notre Dame.



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February 22, 1971

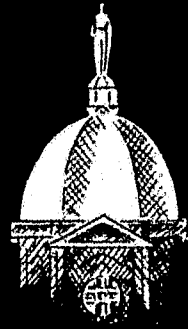
For Immediate Release

Notre Dame, Ind. -- Two University of Notre Dame seniors in the College of Arts and Letters have been awarded fellowships in the 25th annual Woodrow Wilson Fellowship competition and a third has been selected as a finalist.

Fellowship winners, both political science majors, are David O. Toolan, River Forest, Ill. (335 Franklin Ave.) and Christopher F. Wolfe, Newburgh, New York (M.D. 16 Balmville Rd). One year of graduate study at an institution of their choice will be supported by the Woodrow Wilson Foundation.

John G. Hessler, an English major from Greensburg, Ind. (530 E. Central Ave.) is a finalist in the competition and will be recommended to a graduate school for an assistantship or fellowship.

The purpose of the competition is to encourage outstanding young people to consider careers of service, primarily in college teaching.

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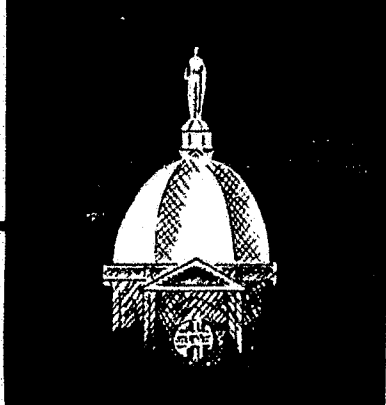
Notre Dame, Ind. -- Students in the College of Business Administration at the University of Notre Dame have selected Dr. Salvatore J. Bella, chairman of the department of management, as their "Teacher of the Year." The award was announced at one of a series of student-faculty meetings Monday in the University Club.

Bella, who occupies the Jesse Jones chair of business administration at Notre Dame, received an inscribed trophy from the students, and his name will be placed on a plaque that will be hung in Hayes-Healy Center. Other faculty members honored at the first annual awards ceremony include Dr. William P. Sexton, associate professor of business organization, and Dr. Frederick W. Dow, professor of travel management.

A native of Lawrence, Mass., Bella studied at Boston University before receiving his doctorate at Cornell University. He joined the Notre Dame faculty in 1958 and was named chairman of the management department in 1964. A specialist in labor relations, he is the author of several studies on labor negotiations and a contributor to "Introduction to Modern Economics."

Recently, Bella has conducted community and human relations seminars in several midwest cities, including South Bend.

Student sponsors of the awards ceremony were Robert C. Bramlette, Flossmoor, Ill., and Brien J. Nagle, Ottawa, Ill.

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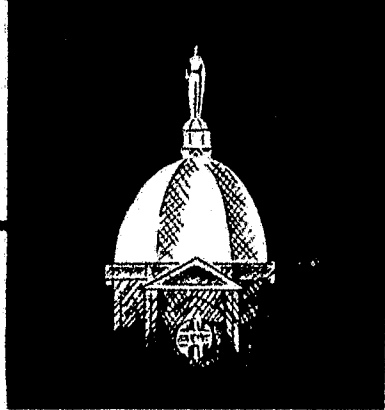
For Immediate Release

Notre Dame, Ind. -- The University of Notre Dame has been selected as the site for the National Teacher Examinations April 3.

College seniors and teachers applying for positions in school systems which encourage or require the examinations must submit an application for the test by March 11 to National Teacher Examinations, Educational Testing Service, Princeton, N.J. 08540.

Bulletins of information describing registration procedures and containing necessary forms may be obtained from Dr. Robert E. Glennen, assistant dean of Freshman Year of Studies, Notre Dame, or from the Princeton office.

Candidates may take the common examinations which include tests in professional education and general education, and one of the 24 teaching area examinations, which are designed to evaluate his understanding of the subject matter and methods applicable to the area he may be assigned to teach.

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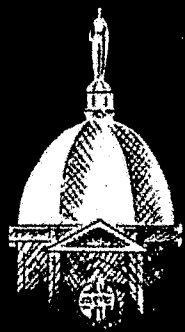
For Immediate Release

Mrs. James F. Keenan, the widow of a prominent Fort Wayne hotel owner and University of Notre Dame benefactor, died tuesday in Fort Wayne.

Mrs. Keenan's husband, the owner of the Hotel Keenan in Fort Wayne and a former Notre Dame trustee, died at the age of 79 last October 28. In 1956, Mr. Keenan donated a residence hall at Notre Dame in memory of his son, James, Jr., who was killed in a 1941 sporting accident. In his will, Mr. Keenan left Notre Dame \$300,000 and indicated an additional \$200,000 bequest would be left the University in the will of his wife.

A wake for Mrs. Keenan will be held Thursday (February 25) from 2 to 5 p.m. and 7 to 9 p.m. at Mungovan & Sons Funeral Home, 2114 S. Calhoun St., Fort Wayne. Funeral arrangements have not yet been completed.

Residents of Keenan Hall at Notre Dame will offer their 5 p.m. Mass Sunday (February 28) for Mrs. Keenan, according to the Rev. Robert Griffin, C.S.C., rector.

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February 23, 1971

For Immediate Release.

Notre Dame, Ind. -- A newsman's right to refuse to disclose sources of his information was argued to a "no decision" finale Saturday night at the annual Moot Court competition of the University of Notre Dame Law School. Presiding judges traditionally reserve their decision on the case, preferring to select at a later date the outstanding student lawyers who best exemplify their qualifications for a career in law.

Judges at the Notre Dame competition in the Center for Continuing Education included Justice Louis H. Burke of the California Supreme Court, Judge Wade H. Murray of the Boston Federal Court, and Judge Frank J. McCree of the Federal Court of Appeals, Sixth District, Detroit.

Student lawyers supporting the constitutional right of the newsman to withhold the source of his information included James Aranda, South Bend; Michael Brennan, Sycamore, Ill., and Theodore Leo, Nutley, N.J. They pointed to the First Amendment which dictates the need for the widest possible dissemination of news in a free society and the hazards involved if the confidences established between a newsman and his source are violated by a public decree.

Arguing against this contention were Joseph Beisenstein, Mishawaka; David Bornhorst, Charleston, S.C., and Michael Scopelitis, South Bend. Generally, they contended that the public's "right to know" takes precedence over the confidence, especially in cases where the protected party is allowed to remain free to continue actions that are in violation of the law.

Specific cases cited by the students included the 1958 suit by Judy Garland against a columnist, Maria Torre, the first court test of the constitutional right

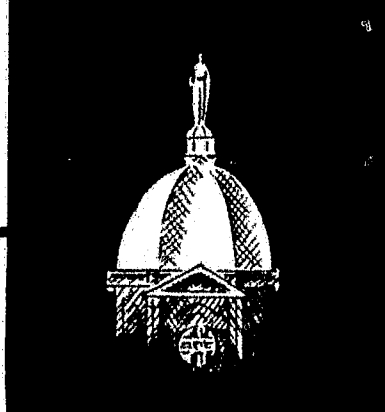
moot court . . .2

of the reporter. The court ruled in this case that Miss Garland's reputation was "superior" to the confidence promised by the columnist to a media executive who had reportedly disseminated an inflammatory statement.

Another case cited was the one involving Earl Caldwell of the New York Times who wrote a series of stories as the result of his contacts within the Black Panther party. The Ninth Circuit federal court, embracing California and other western states, overruled a lower court indictment of Caldwell, saying that the courts had never established the Panthers as a dangerous party and that the state should not expect a newsman to do their investigative reporting.

More recently, a student editor of an underground newspaper at the University of Wisconsin was held in contempt by the state court because he refused to disclose the source of his information naming the persons involved in the bombing of a classroom building. In this case, the state held that the undisclosed information hampered their efforts to bring the criminals to court.

Five states at present, Hawaii, Oregon, Colorado, Kentucky and Pennsylvania, have ruled that the reporter has no right to withhold information important to the prosecution of a case. Sixteen states have upheld the reporter's right and the remaining have not as yet issued a decision or have announced that each case must be decided on individual merits.

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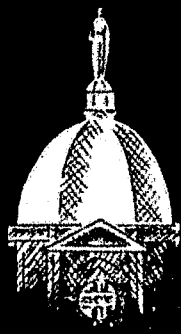
February 24, 1971

For Immediate Release.

James Ridgeway will speak at 8 p.m. Tuesday (March 2) in the University of Notre Dame's Memorial Library Auditorium on the subject of his recent book, "The Politics of Ecology."

Co-editor of Hard Times, a radical weekly newspaper, and contributing editor to The New Republic, Ridgeway is primarily concerned with the subject of who pollutes, and why they get away with it. He has also authored "The Closed Corporation," an account of academic profiteering on weapons research and counterinsurgency programs.

The public is invited to attend Ridgeway's talk, sponsored by the Notre Dame-Saint Mary's Academic Commission.

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February 24, 1971

For Immediate Release.

Notre Dame, Ind. -- The 40th annual Knute Rockne memorial breakfast will be Sunday, March 28, in the University of Notre Dame's North dining hall. Mass at 8 :30 a.m. in the Stanford-Keenan Chapel on the campus will be followed by the breakfast at 9:30.

Principal speaker at this year's event, held annually on the Sunday closest to the date of Rockne's death on March 31, 1931, in a Kansas plane crash, will be Tom Pagna, offensive backfield coach of the Notre Dame football squad. In great demand as a speaker at athletic events, Pagna combines humor and football lore in his presentations.

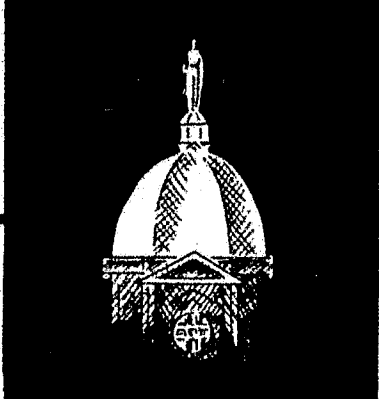
Pagna was a spectacular halfback under Irish Coach Ara Parseghian at Miami of Ohio, twice winning little All-American and all-Ohio honors. He played professional football with the Green Bay Packers and Cleveland Browns before joining Parseghian's staff at Northwestern University in 1959 and making the switch to Notre Dame in 1964.

His coaching has been instrumental in the performances of such Irish greats as John Huarte, Nick Eddy, Bill Wolski, Larry Conjar, Terry Hanratty, Bob Gladieux and Joe Theismann.

His schedule permitting, Ara Parseghian will attend the breakfast to recount the highlights of the past season and outline the prospects for the 1971 campaign.

The memorial program will conclude with a brief ceremony at the site of Rockne's grave in Highland Cemetery, South Bend. Edward W. Krause, athletic director, and James Roemer, a South Bend attorney and chairman of the program, will place a wreath on the grave.

Alumni, friends of the university and their families are invited to the program. Reservations for the breakfast may be made by calling 283-7623.

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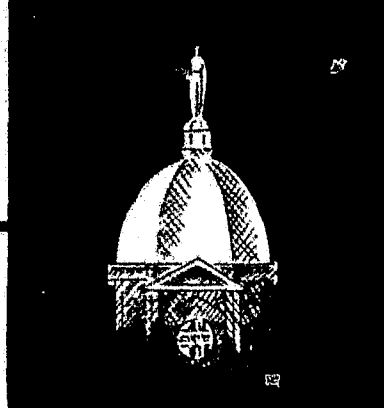
Notre Dame, Ind.--Rev. David B. Burrell, C.S.C., has been appointed chairman of the University of Notre Dame department of theology, effective September 1, it has been announced by Rev. Theodore M. Hesburgh, C.S.C., president.

Father Burrell, 38, a specialist in the philosophy of religion, has been a member of the philosophy faculty at Notre Dame since 1967 and holds the rank of associate professor. Many of his courses have been open to both philosophy and theology students at Notre Dame.

A 1954 magna cum laude graduate of Notre Dame, he was awarded Fulbright and Woodrow Wilson fellowships. He entered the Congregation of Holy Cross following graduation and was ordained in 1959. He received his licentiate in theology from the Gregorian University in Rome in 1960 and following further study at Laval University, he took his doctorate in philosophy at Yale University in 1965 as a Kent fellow.

Besides his contributions to journals and symposia on philosophical and theological topics, Father Burrell has also been associated with Notre Dame's Institute for the Study of Artificial Intelligence, which has been exploring areas of man-machine interaction and questions related to "consciousness" of machines. In recent years he has dealt with issues in philosophy of language and interpretation, giving increasing attention to Eastern religious thought. He is a member of the Society for Religion in Higher Education.

As a teacher in the Freshman Humanities program and as a rector and assistant rector in campus residence halls, Father Burrell has remained close to Notre Dame student life. He succeeds Rev. James T. Burtchaell, C.S.C., who was appointed last summer to the newly created post of provost. Rev. Charles E. Sheedy, C.S.C., dean of Theological Studies and Institutes at Notre Dame, has been acting chairman of the theology department during this academic year.

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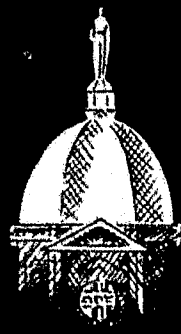
For Immediate Release.

Notre Dame, Ind. -- "Notre Dame--How Catholic Is It?" will be the topic at "Universal Notre Dame Nights" scheduled in more than 110 cities across the country in April and May. The traditional spring alumni club dinners, many attended by representatives from the University, date back to 1924.

Rev. Theodore M. Hesburgh, C.S.C., president, will speak in Chicago on April 26 and in Washington, D.C., on April 29. Appearances in Indianapolis (April 19), Cleveland (April 20), Toledo (April 21), Detroit (April 22) and New York (April 23) will be made by Rev. James T. Burtchaell, C.S.C., provost, and Rev. Edmund P. Joyce, C.S.C., executive vice president, will speak in Milwaukee (April 12), Buffalo, N.Y. (April 13), Rochester, N.Y. (April 14), Pittsburgh (April 15) and Cincinnati (April 16).

Others appearing at Universal Notre Dame Nights include Revs. Thomas Blantz, vice president for academic affairs; Ferdinand Brown, associate provost; Thomas Chambers, director of student housing; James Shilts, assistant vice president for student affairs; Jerome Wilson, vice president for financial affairs, and William Toohey, director of campus ministry.

Also making speaking tours will be Philip Faccenda, vice president and general counsel; Edmund Stephan, chairman of the board of trustees and Professors John Houck and James Massey. Tim Hughes, managing editor of the *Alumnus* magazine, will lead a panel of students in several midwest cities.

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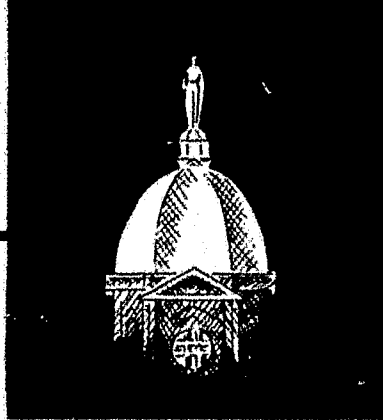
From: Jay J. Kane

February 25, 1971

For Immediate Release.

Notre Dame, Ind. -- The Woman's Auxiliary of the Notre Dame Club of Chicago has forwarded a gift of \$1,000 to the University's art department for use in expansion and improvement of present facilities, according to Dr. Thomas S. Fern, chairman of the art department.

The department is presently using the old fieldhouse for some classroom instruction and private work by the students. In addition, a darkroom has been equipped for students enrolled in a university photography course and it is hoped to expand these facilities for general use by the faculty and students.

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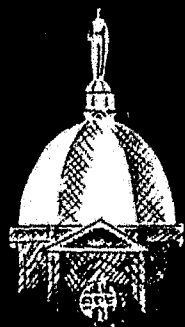
The scientist who recently deciphered the structure and function of an important antibiotic will deliver four Peter C. Reilly lectures in chemistry at 4:15 p.m. in Room 123 of the University of Notre Dame's Nieuwland Science Hall March 8, 9, 10 and 12.

Dr. J.D. Dunitz, professor of organic chemistry at the Swiss Federal Institute of Technology, will speak on "Conformations of Medium Rings" March 8 and "Geometric Constraints in Cyclic Molecules" March 9, 10 and 12. The talks will describe some important ring substances, including valuable perfumes and medicines.

One ring in particular, the antibiotic nonactin, will be described in detail. It kills bacteria by "bursting" the cells, since it encourages the diffusion of potassium ions into the bacterium, but prevents any ions from leaving again. Dunitz will also discuss the techniques of X-ray analysis used in determining the structures of these molecules, and describe six mathematical equations which constrain cyclic molecules to assume certain shapes.

A native of Scotland, Dunitz has pursued research in Oxford and London, England; Pasadena, Calif; Bethesda, Md.; Minneapolis, Minn.; Tokyo, Japan; Haifa, Israel, and Zurich, Switzerland. He is the coeditor of the text "Perspectives in Structural Chemistry."

The Reilly lecture series is named for the late Indianapolis industrialist Peter C. Reilly, and is sponsored by the department of chemistry and the College of Science. The public is invited to attend.

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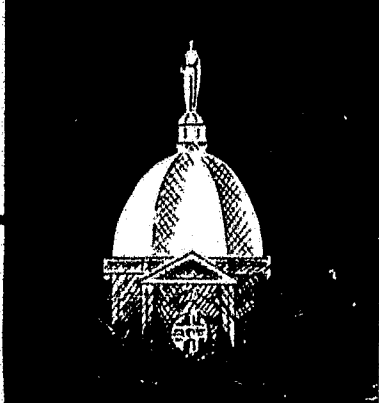
For Immediate Release.

"Christ and Prometheus," a study of the secular imagination by the Rev. William F. Lynch, S.J., published last December by the University of Notre Dame Press, has won a 1970 National Catholic Book Award.

The award, accepted Thursday (Feb. 25) at a dinner in New York City by John Ehmann, editorial-sales coordinator for the Press, was in the category "contemporary problems." The awards are sponsored annually by the Catholic Press Association.

The author is a writer in residence at St. Peter's College, Jersey City, N.J., and formerly taught at Georgetown University and Carleton, Woodstock and Muhlenberg Colleges. He received the Thomas More Award for the most distinguished Catholic book of 1959, "The Image Industries." He is also the author of "An Approach to the Metaphysics of Plato through the Parmenides," "Christ and Apollo," "The Integrating Mind," and "Images of Hope." He was co-editor of "The Idea of Catholicism."

"Christ and Prometheus" is a sequel to "Christ and Apollo" in which Father Lynch notes his protest "against the concentration of all things good and human in the order of the sacred and the corresponding emptying of the secular order" while defining "another area, of high specificity, where the sacred, precisely as sacred, must emerge with greater clarity and identity than ever before."

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February 25, 1971

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For Immediate Release

Notre Dame, Ind. -- The University of Notre Dame concert band leaves March 14 for a 3,200 mile tour through eight southern states. Appearing before 10 audiences in 11 days, the band will return to Notre Dame for a public performance in the Athletic and Convocation Center on March 26.

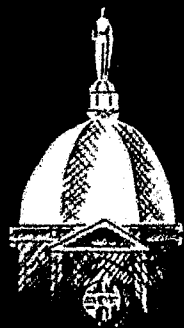
Under the direction of Robert F. O'Brien and Michael Q. Hennessey, the 45-member band will perform first at Marian College, Indianapolis, Other appearances will be at Murfreesboro and Cleveland, Tenn.; Mobile, Ala.; New Orleans, La.; Galveston, Tex.; Cottonport, La.; Greenwood, Miss.; Little Rock, Ark.' and Belleville, Ill.

Six coeds, students at Saint Mary's College, will be making their second tour with the band. They include Mary Addis, Toulon, Ill.; Lois Del Vallee, South Bend; Lucy Anne Everhardt, Allentown, Pa.; Tere Hanson, Fostoria, Ohio; Ann Herzberger, Virginia, Ill., and Patricia Miller, Sterling, Ill.

Concerts will include a classical overture, Broadway hits, marches, popular tunes, contemporary works, solos and ensembles, Latin American rhythms, and traditional favorites.

The Notre Dame concert band is composed of students selected by audition at the end of the football season. Most of the successful candidates were soloists in high school. They represent all the undergraduate colleges and most of the academic departments of Notre Dame and Saint Mary's.

O'Brien, now in his 18th year with the oldest college band in the nation, is a native of Breese, Ill. He is a director and honorary life president of the National Catholic Bandmasters' Association.

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February 25, 1971

From: Mrs. Horiszny

For Immediate Release:

Notre Dame, Ind. -- Dr. Milton Burton, director of the University of Notre Dame Radiation Laboratory, will receive the Atomic Energy Commission's citation for outstanding contributions to the nation's atomic energy programs, Dr. Glenn T. Seaborg, chairman of the AEC, has announced.

The gold medal and parchment scroll which accompany the citation will be presented to Burton at a ceremony in the University Club March 12 by Wilfrid E. Johnson, commissioner of the AEC. The citation praises Burton "for his contributions to the nation's atomic energy program in determining the effect of intense radiation on a great diversity of materials and pure substances, including particularly graphite and water, in time to influence the design and operation of the first production reactors."

The Radiation Laboratory, which Burton helped establish in 1947, was described in the citation as holding "a preeminent position in the realm of radiation research." Burton was also honored "for his distinguished scientific contributions in the fields of radiation chemistry and photochemistry."

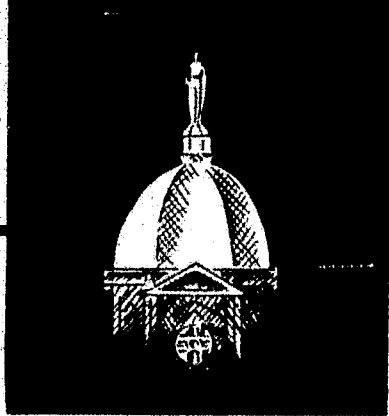
During World War II, Burton headed the radiation chemistry project of the Metallurgical Laboratory in Chicago, which contributed scientific understanding essential for the development of nuclear reactors. He gave the field of radiation chemistry its name, and has earned the informal title "godfather of radiation chemistry."

When the modern Radiation Laboratory was dedicated in 1963, Seaborg praised Burton's contributions to atomic energy research as "profound and lasting." In addition to his research and administrative interests, Burton helped found and chair the first Gordon Research Conference in

burton...2

Radiation Chemistry, and was host at Notre Dame for the first and only meeting of the Farady Society in the United States.

With Dr. John L. Magee, associate director of the Radiation Laboratory, Burton edits a series of texts entitled "Advances in Radiation Chemistry." The Laboratory also maintains a data service, providing lists of research on various topics to scientists around the world.

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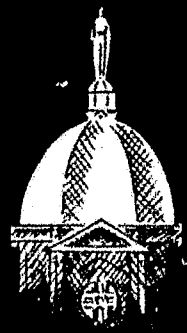
February 25, 1971

For Immediate Release.

Gordon Sherman, president of Businessmen for the Public Interest, will speak on "Community Organization" at 8 p.m. Wednesday (March 3) in the University of Notre Dame's Memorial Library Auditorium.

Sherman founded the Midas Muffler franchise and Midas-International Corp. and is also known for his leading role in Business Executives Move for a Viet Nam Peace. Under Sherman, Midas International made substantial contributions to Saul Alinsky, the Chicago Journalism Review and Ralph Nader.

The public is invited to attend Sherman's talk, sponsored by the Notre Dame-Saint Mary's Academic Commission.

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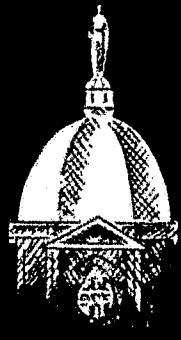
February 26, 1971

For Immediate Release.

Notre Dame, Ind. -- Members of American Production and Inventory Control Society (APICS), Michiana Chapter, will attend a seminar March 13 in the University of Notre Dame's Center for Continuing Education.

George Plossl and Oliver White, business education consultants from Wilton, Conn., will conduct the seminar, expected to attract more than 100 representatives of firms in Northern Indiana and Southern Michigan.

Robert Ellison of Miles Laboratories, Elkhart, is president of the Michiana Chapter, and William Jones, Dodge Manufacturing Co., Mishawaka, is seminar chairman.

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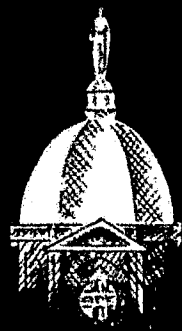
From: Mrs. Horiszny

February 26, 1971

For Immediate Release.

Dr. Peter C. Fraleigh, professor of zoology at the University of Georgia, will address a biology seminar at 4:30 p.m. Wednesday (March 3) in Room 109 of the University of Notre Dame's Biology Building.

The public is invited to attend his talk, on "Environmental Regulation of Community Standing Crop, Chlorophyll Content and Productivity During Autotrophic Succession in an Aquatic Microcosm and a Thermal Spring."

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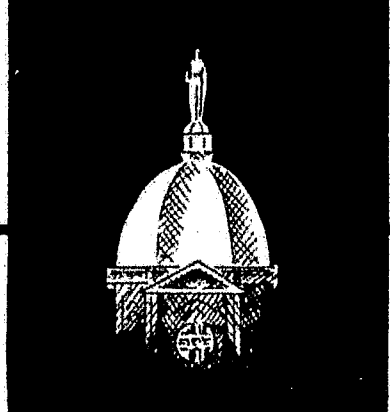
From: Mrs. Horiszny

February 26, 1971

For Immediate Release.

James W. Mayhew, a graduate student in the department of microbiology at the University of Notre Dame, will address a seminar at 12:30 p.m. Wednesday (March 3) in Conference Room 141 of the Radiation Research Building.

Mayhew will speak on "The Microbiology of the Alimentary tract of Rats and Mice." Using newly developed techniques, he has been investigating the effects of certain oxygen-sensitive bacteria on the rats and mice they inhabit.

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Richard W. Conklin, Director

Assistant Directors of Public Information:

Mrs. Jean Horiszny
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February 26, 1971

For Immediate Release.

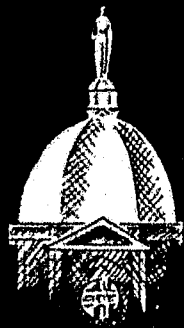
Notre Dame, Ind. -- Paintings, plasma light sculptures, and drawings by John David Mooney, assistant professor of art at the University of Notre Dame, will be on exhibit in the campus Art Gallery from March 7 to April 18. The work, which fills the four east galleries, has been executed during the last year.

Mooney's paintings are quiet statements involving illusionistic landscape areas juxtaposed against white flat plane areas. The simplicity of these landscape areas and the complexity of the resulting shapes allow for a pleasing visual effect.

The gallery of drawings in the show, averaging six feet in length, consist of representational nude studies on white paper and reflect the feeling of the paintings.

Probably the most unique features of the show are the plasma light sculptures. Glass tubes, filled with different gases and excited under an electric arc, form a subtle disc, light, or stylization which remain constant or move from one electrode to another. The glass enclosures are housed in white formica constructions -- some reaching eight feet in length. Research and experimentation for these investigations has been funded by the Center for the Study of Man in Contemporary Society and the O'Brien Corporation.

Mooney received a B.F.A. degree at Notre Dame and his Master of Fine Arts in painting and printmaking at the University of Illinois. He taught at Villa Schifanoia, a graduate school of art in Florence, Italy, and at Murray State University, Kentucky, before returning to Notre Dame in 1968. His work is included in many private and public collections, including the Museum of Modern Art, New York.

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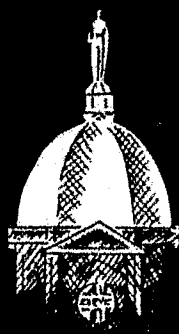
For Immediate Release.

Notre Dame, Ind. -- The first book published in this country dealing with psychological factors confronting lawyers specializing in estates has been written by Thomas L. Shaffer, associate dean and professor of law at the University of Notre Dame. "Death, Property, and Lawyers: A Behavioral Approach" discusses the psychological factors which lawyers should consider in helping their clients to make wills and plan estates.

Shaffer, who describes the publication as a "curious book written by a Hoosier law professor," in one chapter reports a series of group encounter sessions of law students at Notre Dame and their wives on their attitudes toward death and the care of their children post mortem. Shaffer discusses also the opinions of individual clients toward the idea of confronting death, the relationship of the extension of self into ownership and bequeathing property, personal immortality through bequests and so on.

In his book Shaffer quotes from a wide variety of psychology and medical volumes, papers, periodicals and law journals, as well as many literary and philosophical writings, including Tolstoy, Herman Melville, Louis Auchincloss, James Baldwin, Jean-Paul Sartre, C.P. Snow and others.

Release date for the book, published by the Dunellen Company of Cambridge, Mass., is April 1. Shaffer is currently on leave from Notre Dame at the Law School of the University of California, Los Angeles.

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For Immediate Release.

Dr. Morton S. Fuchs, associate professor of biology at the University of Notre Dame, will address a seminar at 4:30 p.m. Tuesday (March 2) in Room 109 of the Biology Building.

Fuchs will speak on "Biochemical Aspects of Reproduction in Mosquitoes." He has isolated several chemicals which play key roles in the mating and reproduction of mosquitoes, including one substance which convinces the female she has mated, and another which tells her how many eggs to produce. The public is invited to attend.