

## DEPARTMENT of PUBLIC INFORMATION

James E. Murphy, Director - CE 4-9011, Ext. 401 or 402

For release in AM's, Sunday, January 20th:

63/4

Notre Dame, Ind., Jan. 19 -- A summer institute for elementary and secondary school teachers of French will be conducted by the University of Notre Dame at Trois-Rivieres in Quebec, Canada, it was announced today.

Dr. Charles Parnell, institute director, said twenty-four elementary and forty secondary school French teachers will be enrolled for the eight week program, July 1 - August 23. The institute will be held at the College Seraphique, a Franciscan secondary school midway between Montreal and Quebec, with the support of a grant under the National Defense Education Act.

Parnell said the Notre Dame program will be the first summer language institute sponsored by the U. S. Office of Education in Canada. In addition to improving their skills as teachers, the trainees will have the added linguistic and cultural experience of living in a French speaking milieu, he said.

A staff of twenty, including Americans, French Canadians and Frenchmen, will operate the summer institute. Parnell said a modern language laboratory will be used to help trainees increase the accuracy of their sounds, rhythm, intonations and the automatic use of structures in French. Lectures and field trips will relate the French language to the culture and social phenomena of France and Quebec. And special attention will be given to the best present methods and materials for teaching French in American schools, he explained.

The Notre Dame program will be open to teachers who have not previously participated in an NDEA institute. Participants will be chosen from those who rate "good" in understanding and speaking French. Qualifications include a bachelor's degree with at least 18 semester credits in French and proof of employment as a French teacher next fall.

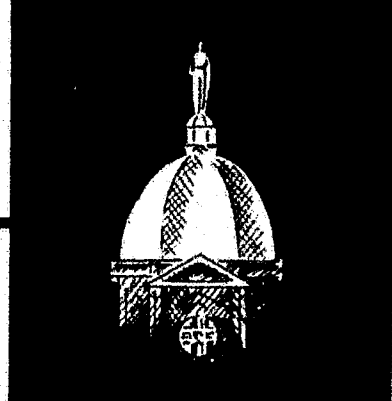
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## French Institute...2

Teachers will be chosen from both public and private schools for the Notre Dame institute with tuition and fees underwritten by the National Defense Education Act. However, Parnell pointed out, only public school teachers, under terms of the Act, are eligible for a weekly stipend of \$75 plus \$15 per week for each dependent. Room and board will be provided at the College Seraphique, Parnell said, for a fee ranging from \$200 to \$230 for the eight week period.

Deadline for receipt of completed applications for the French teachers' institute is March 1st. Application forms and a descriptive brochure may be obtained from Dr. Charles E. Parnell, Department of Modern Languages, Notre Dame, Indiana.

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For release in PM's, Monday, January 21st:

63/5

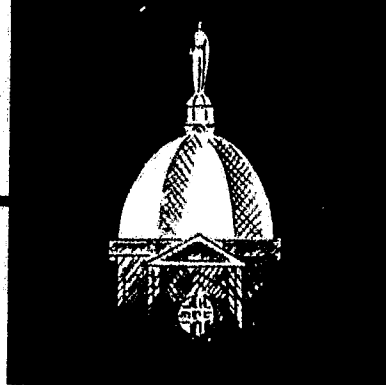
Notre Dame, Ind., Jan. 21 -- John S. Harrison, vice president in charge of personnel and industrial relations for the Aluminum Company of America, Pittsburgh, Pa., will be a speaker at the University of Notre Dame's eleventh annual Union-Management Conference February 22nd (Friday), it was announced today.

Rev. Mark J. Fitzgerald, C.S.C., conference chairman, said more than six hundred industrial executives and labor leaders are expected to attend the conference opening in Washington Hall on the campus at 10 a.m. (EST). "Some Vital Issues Before the Parties" will be the theme of the sessions which are sponsored by the University's economics department in cooperation with the Notre Dame Law School, unions and management.

Union and company representatives will join in two conference panel discussions, Father Fitzgerald said. Patrick J. Fisher, Indianapolis arbitrator, will lead a discussion dealing with the current status of plant removals and evaluating the shorter work week. Ronald W. Haughton, director of the Institute of Industrial Relations at Wayne State University, Detroit, will preside at a discussion including unwritten grievances in practice, contract coverage and fringe benefits, and wage negotiation and productivity.

Harrison, who will speak on "Vitalizing the Areas of Understanding Between the Parties," has been associated with Alcoa since his graduation from Lehigh University in 1931. He served as a metallurgist, sales executive and personnel manager before joining the industrial relations staff in 1944. He was elected vice president in charge of personnel and industrial relations in 1960 and was assigned additional responsibilities as head of Alcoa's smelting and fabricating division a year ago.

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For release in PM's, Wednesday, January 23rd:

63/6

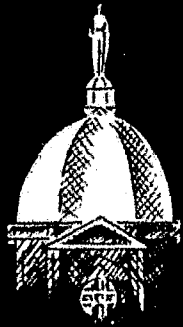
Notre Dame, Ind., Jan. 23 -- Edward A. Fischer, associate professor of communication arts at the University of Notre Dame, leaves for Austria February 6th to deliver a series of eleven lectures at the Salzburg Seminar in American Studies. He will speak on the general subject of motion pictures during the four-week seminar (Feb. 8 - Mar. 9) whose theme is "Mass Communications in the United States."

Benjamin Gilbert, city editor of the Washington Post and Times-Herald, will give seminar lectures on American newspapers. Author Alvin Toffler is scheduled to speak on American magazines. Radio and television in the United States will be the lecture topic of Rolland Tooke, executive vice president of the Westinghouse Broadcasting Corp.

Thirty communications specialists, averaging thirty years of age and representing fifteen countries, have been selected to participate in the seminar. The aim of the seminar, inaugurated by Harvard University fifteen years ago, is to help outstanding Europeans learn about America from Americans. Faculty members and students will live and work together at Leopoldskron, a castle on a hill outside Salzburg.

Professor Fischer teaches Notre Dame courses in film criticism, communications media, writing and design. He is the author of The Screen Arts, a book of standards for motion picture criticism. His documentary, "Life Without Germs," was recently selected for inclusion in the Eastman Archives as an outstanding educational film. He has served as a juror at the Golden Reel, American and Venice Film Festivals. Fischer is associate editor of the Journal of the University Film Producers Association and a columnist for THE AVE MARIA, a weekly magazine published by the Holy Cross Fathers at Notre Dame, Ind.

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For release in AM's, Thursday, January 24th:

63/7

Notre Dame, Ind., Jan. 23 -- A \$65,000 grant for microfilming scientific manuscripts at the famed Ambrosian Library in Milan has been awarded to the University of Notre Dame's Mediaeval Institute by the National Science Foundation.

Prof. A. L. Gabriel, Institute director, said the NSF grant is the largest received to date in support of a Notre Dame project to microfilm 30,000 classical, mediaeval and Renaissance manuscripts at the 350-year-old library. The manuscripts, never before microfilmed in toto, will be available to scholars at the 13-story Notre Dame Memorial Library scheduled for completion next fall.

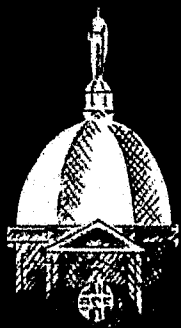
The renowned Ambrosian Library was founded in 1609 by Cardinal Frederico Borromeo (1564-1631). His emissaries gathered documents of prime importance dating as far back as the third and fourth centuries from all parts of the world.

According to Prof. Gabriel, the Ambrosian manuscript collection has great significance for scholars studying the development of science through the centuries..It also is a rich mine for researchers in classical, mediaeval and Renaissance culture and civilization, he said.

The microfilming of the Ambrosian Library manuscripts will require several years to complete, Prof. Gabriel said. He estimated the overall cost of the project at \$500,000.

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For release in AM's, Tuesday, January 29th:

63/8

For release in AM's, Tuesday, January 29th: Fanning, a member of the National Labor Relations Board, will address the University of Notre Dame's eleventh annual Union-Management Conference February 22nd (Friday), it was announced today by Rev. Mark J. Fitzgerald, C.S.C., conference director.

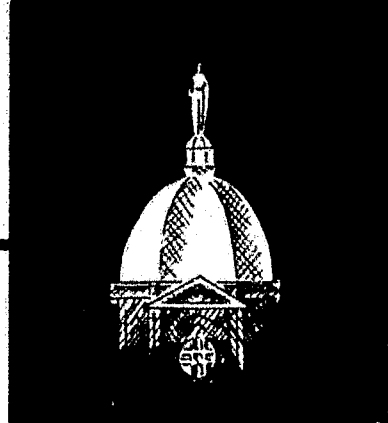
Fanning will speak on "Trends in Types of Bargaining Units." He is the first NLRB member appointed to successive terms by presidents of different political parties. He was named to the government board by President Eisenhower in 1957 and was re-appointed by President Kennedy last December.

"Some Vital Issues Before the Parties" will be the theme of this year's Union-Management Conference which will open in Washington Hall on the campus at 10 a.m. (EST). Industrial executives and labor leaders from throughout the midwest will attend the sessions which are sponsored by the University's economics department in cooperation with the Notre Dame Law School, unions and management.

John S. Harrison, vice president in charge of personnel and industrial relations for the Aluminum Company of America, Pittsburgh, Pa., earlier was named a conference speaker. His subject will be "Vitalizing the Areas of Understanding Between the Parties."

Fanning established the Office of Industrial Relations in the Department of Defense and served as its first director from 1951 to 1955. During the next two years he was director of the Office of Domestic Programs in the Defense Department. In this post he directed activities in industrial relations, non-discrimination in employment, industrial aspects of the military reserve program and civil emergency planning and civil defense. Fanning received the Department of Defense Meritorious Civilian Service Medal in 1958. He is a graduate of Providence College and the Catholic University of America School of Law.

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## DEPARTMENT of PUBLIC INFORMATION

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For release in PM's, Wednesday, January 30th:

63/9

Notre Dame, Ind., Jan. 30 -- Computer specialists who are trying to teach today's electronic machines how to "think" might learn a thing or two from philosophers who lived centuries ago, according to a University of Notre Dame faculty member.

Dr. Kenneth Sayre, assistant professor of philosophy, says some of the problems encountered in building machines for pattern recognition and problem solving "have been familiar for centuries to philosophers concerned with the analysis of human mental behavior."

Sayre, who is a former systems analyst for the Massachusetts Institute of Technology's Lincoln Laboratory, claims philosophers thought of "thinking machines" first. In the 17th century, he says, Pascal and Leibniz had plans for complex calculating machines which were the ancestors of today's electronic computers. The writings of St. Thomas Aquinas on abstraction can be useful to space-age specialists in pattern recognition, Sayre says, and David Hume's work on the relations of association among ideas has implications for modern problem solving.

With the support of a \$11,100 National Science Foundation grant, Sayre is conducting a year-long study of problems connected with the simulation of mental processes on electronic computers. The purpose of the project, he says, is "to clarify the structure of human behavior, which technologists are attempting to duplicate mechanically, with special reference to major writings in the philosophy of mind in our western tradition."

Dr. Frederick Crosson of the Notre Dame faculty is serving as a project consultant on psychology and phenomenology. Sayre and Crosson are co-editors of a forthcoming book, The Modeling of Mind.

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"Some of these philosophical writings have been with us for a long time," Sayre notes, "but they are not often intelligible to people without formal philosophical training. It is important to make them understandable to computer specialists because these philosophers have developed significant analyses of mental behavior very similar to the sort they are trying to duplicate."

Sayre believes access to these writings in intelligible form "will at least be stimulating to technologists who are involved in theoretical problems of computer simulation and may have positive results in suggesting fruitful directions of research which might otherwise have been overlooked."

No ready-made solutions to technical problems can be found in philosophy, Sayre points out, but he says philosophy contains "strong hints" about how some problems currently blocking efforts to simulate human mental capabilities by mechanical means might be resolved.

"Some of the basic problems in the development of pattern recognition machines, for example, stem from unclear conceptions about just what sort of mental activity recognition actually is, and about how a letter pattern or the pattern of a musical melody differ from a meaningless jumble of lines and sounds," he says.

Technologists who attempt to simulate recognition with a machine which does no more than classify may as well try to simulate the batting of Roger Maris with a machine that does no more than swing a stick around like a turnstile, Sayre observes. "It might work, but it would not work very well."

"It is not unreasonable to hope," he says, "that the prospects for an adequate mechanical pattern recognition system will increase appreciably with a better understanding of human recognition and what it would be to simulate it successfully. Philosophy, of course, is no substitute for sound technical thinking. But technical thinking is likewise no substitute for sound philosophy. And some of the problems of computer technology today are just as philosophical as those faced by Plato, Kant and St. Thomas Aquinas."

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NEWS RELEASES FOR JANUARY, 1963

|      |         |  |
|------|---------|--|
| 63/1 | 1/8/63  | Election of four directors of The Notre Dame Lumni Ass'n. - Bariscillo, Fenlon, Goodman and Smith. |
| 63/2 | 1/9/63  | American Catholic Clergyman - Fr. McAvoy   |
| 63/3 | 1/11/63 | <u>A Philosophy of Education</u> - Dr. Herbert L. Johnston   |
| 63/4 | 1/19/63 | French Institute   |
| 63/5 | 1/21/63 | 11th Annual Union-Management Conference  |
| 63/6 | 1/23/63 | Edward A. Fischer lectures in Austria  |
| 63/7 | 1/23/63 | Father Gabriel receives \$65,000 grant for Ambrosian Library.                                      |
| 63/8 | 1/28/63 | 11th Annual Union-Management Conference<br>(John H. Fanning will address)                          |
| 63/9 | 1/30/63 | Dr. Kenneth Sayre  |