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## For release in AM's, Sunday, November 1st:

Notre Dame, Ind., Oct. 31 - Prof. Kenneth S. Pitzer, dean of the college of chemistry at the University of California at Berkeley and former director of research for the U. S. Atomic Energy Commission, will give a series of three P. C. Reilly Lectures in chemistry at the University of Notre Dame November 2, 4 and 6 (Mon., Wed., Fri.). He will speak in 123 Nieuwland Science Hall at 4 p.m. on "Carbon Vapor" (Mon.), "Spectroscopy of Hydrogen Bonds"(Wed.) and "Molecular Strain Energies" (Fri.).

The annual series of lectures by outstanding chemists and chemical engineers was established in 1945 by a gift of more than one million dollars from the late Peter C. Reilly, Indianapolis, Ind., industrialist and a member of Notre Dame's Associate Board of Lay Trustees. Dr. Fred Basolo, professor of chemistry at Northwestern University, gave an earlier series of Reilly lectures Oct. 19-28 on "Mechanisms of Substitution Reactions of Metal Complexes."

Pitzer has been honored many times for his teaching, research and service to his country. He received the Clayton Prize in 1958 and the American Chemical Society Award in Pure Chemistry in 1943. He was named one of the ten outstanding young men in the nation in 1950 by the U. S. Junior Chamber of Commerce. The following year he received a Guggenheim Fellowship and the "Alumnus of the Year Award" of the University of California Alumni Association. In addition to his work at the Berkeley campus, he is a trustee of Harvey Mudd College, Claremont, Calif., and Mills College, Oakland, Calif.

Pitzer was educated at the California Institute of Technology and at the University of California where he earned a doctorate in 1937. He is a leader in numerous professional societies and serves as an advisor to several scientific projects being carried on by the government and private foundations.

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For release in AM's, Thursday, November 5th:

Notre Dame, Ind., Nov. 4 --- The fiftieth anniversary of "The Notre Dame Victory Harch" will be observed here Saturday (Nov. 7) during helf-time ceremonies at the Notre Dame-Georgia Tech football game.

The University and the Notre Dame Band will pay special tribute to the two brothers whose spirited song helped spread the school's name and fame around the world. Taking part in the observance will be John Shea, 76, a Holyoke, Mass., businessman who named and wrote the lyrics of the "Victory March." The late Rev. Michael Shea, who composed the melody, died in 1940 and is buried on the Notre Dame campus.

One of the most widely known and often played college songs, "The Notre Dame Victory March" has echoed in stadiums throughout the land. It has been adopted by numerous high schools as "their" song. It has also been sung by American troops going into battle, and its tuneful tempo rallied the spirits

of prisoners in World War II concentration camps.

The "Victory March" was born in venerable Sorin Hall on the Notre Dame campus in the fall of 1908, but it was not performed publicly until the following year. Mike Shea, then a layman, was an instructor in music at Notre Dame and John was a graduate student in history. (Both earned bachelor's and master's degrees at the University.)

John Shea recalls how they travelled to Indianapolis and Ann Arbor during the 1908 football season to see Notre Daws's games with Indiana and Michigan. But the Notre Dame rooters lacked something. They had no song of their own, and the Shea brothers resolved to do something about it. "Victory March"....2

"Why can't we get together a song for Notre Dame?", John Shea asked his brother Mike.

"I've got a tune running through my head," the musician said. "I'll see you in a few days and we'll get to work on it."

The two Shea brothers met at the reading room in Sorin Hall. Mike sat at the piano, playing over and over again the melody. John listened carefully, he relates, then went to his room in the same building. Before "lights out" at eleven o'clock that evening, he had written the lyrics for Mike's melody.

When Mike and John Shea returned to the reading room next day to try to put their words and music together, the room was occupied. Mike, who was an accomplished organist, led his brother to the loft of nearby Sacred Heart Church. There Mike's melody and John's lyrics were joined, and "The Notre Dame Victory March" was played for the first time on the mighty organ. In the decades to come, the "Victory March" was to be played, softly and slowly, at the weddings and funerals of many Notre Dame men.

A little later, the "Victory March" was played in a Protestant church in the Shea's hometown. Mike Shea returned to Holyoke on vacation and wanted

to see his organ teacher, a Professor Hammond. It so happens that a new organ had been installed at the Second Congregational Church where Hammond played. So the teacher and his former pupil met there with the professor nodding approval of the Shea brothers' "Victory March." John Shea recalls that the "Victory March" was performed publicly for the first time on Easter Sunday, 1909, in the rotunda of Notre Dame's Administration Building. A campus band, led by a Professor Peterson, played the song at the traditional concert on Easter morning.

more

"Victory March"....3

The "Victory March" gradually won acceptance at Notre Dame, and its popularity increased when "the fighting Irish" started playing football with Army and other teams in the East. It became more popular during World War I when many Notre Dame men were overseas. And the troops "over there" found the Shea brothers' song particularly good for marching.

Meantime, Mike Shea began his studies for the priesthood and was ordained in New York's Saint Patrick's Cathedral in June, 1912. Because of his musical accomplishments, young Father Shea was assigned to advanced studies at the Pontifical School of Music in Rome. Returning to this country, he served for two years as curate, choir director and assistant organist at the cathedral. During the next twenty-four years Father Shea taught ecclesiastical chant and other subjects at St. Joseph's Seminary, Yonkers, N. Y.

In 1938 his health began to fail, and he was given the choice of several pastorates open in the archdiocese. He chose St. Augustine's Church at Ossining, N. Y., where he served until his death two years later. Archbishop Spellman and scores of Father Shea's fellow priests, including a group from Notre Dame, attended the funeral. A seminary classmate delivered the eulogy:

"Father Shea, more than any other student of his time, caught in his

soul that indefinable, but inspirational something which has become celebrated all throughout the nation and euphoneously characterized as 'The Spirit of Notre Dame.' And to him it was given to interpret in musical language, that will live as long as America lives and the golden dome of the great University stands, the courage and intrepidity of the University's founders, the struggle, sacrifices and determination of its past, the forward march of its present, the glory of its yet more glorious future."

more

"Victory March"....4

John Shea buried his brother Mike at Notre Dame and then returned to Holyoke where he had been a civic leader for many years. He served in the Massachusetts State Senate from 1921 to 1925. Recently, he concluded a fiveyear term as chairman of Holyoke's Board of Public Works. He still maintains offices as an industrial relations counsel. Returning with him to Notre Dame Saturday will be members of the University's 1909 football team.

Through the years the University has received many reports about the "Victory March" being played and sung at unexpected times and places. During World War II a U. S. Infantry captain wrote the president of Notre Dame:

"Father, the big offensive toward Rome will begin soon. American and British troops are lined up side by side, and while tomorrow guns will be exploding, tonight the bands are playing. And I thought you'd like to know, Father, that they are playing not 'God Save the King,' not 'The Star Spangled Banner,' but 'The Notre Dame Victory March.'"

Another letter from Capt. Trevor E. Hughes of the British 51st Highland Division told of hearing Notre Dame's "Victory March" in a concentration camp at Lodz, Poland. "When the Allies invaded Normandy," he wrote, "the German camp commandant granted our request for a gramaphone. Though we were not allowed to play our national songs, I thought you might be very happy to know that we began and ended each program with 'The Notre Dame Victory March.'" The late Fred Snite, Jr., who contracted polio in the Far East and lived in an iron lung for many years, told of hearing the "Victory March" played at a Chinese inn. And the Motre Dame song has been selected as "neutral music" for more than one joint Army-Navy event.

And so "The Notre Dame Victory March," born in old Sorin Hall, spread across the campus, throughout the nation, and around the world. Its melody has uplifted the spirits of weary football players and soldiers alike. And its lyrics have reminded Notre Dame men everywhere, and others, too, that victory can often be won "what though the odds be great or small."

59/224

# For release in AM's, Friday, November 13th:

Notre Dame, Ind., Nov. 12 -- The University of Notre Dame will conduct an institute for high school mathematics teachers during the 1960-61 academic year and an eight-week summer session with the support of a \$228,600 grant announced today by The National Science Foundation.

Thirty-three colleges and universities will participate in the \$9,200,000 program whose purpose is to help teachers of mathematics and science improve their subject matter knowledge through a year's advanced study on a full-time basis. Notre Dame's mathematics department, which has a similar institute underway this year, is one of eleven mathematics faculties selected for the nationwide program.

According to Dr. Arnold Ross, department head, between 40 and 60 of the 1,600 experienced teachers participating in the NSF mathematics and science institutes will be enrolled at Notre Dame. Each teacher will pursue a program of study planned especially for him and conducted by faculty members noted both for competence in their fields and for skill in presentation. In earlier years, 3,400

science and mathematics teachers have improved the quality of their teaching

through the NSF-supported programs.

A stipend of \$3,000 will be awarded by the National Science Foundation

to each teacher enrolling in the institutes, and additional allowances for dependents, books and travel will be provided. Several institutes, including the one at Notre Dame, will provide an additional summer training program to enable teachers more easily to fulfill graduate degree requirements.

Teachers interested in the Notre Dame mathematics institute may obtain additional information by writing Dr. Arnold Ross, Head, Department of Mathematics, Notre Dame, Indiana.

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### For release in PM's, Saturday, November 14th:

Notre Dame, Ind., Nov. 14 - Dr. Clyde A. Hutchison, Jr., professor of chemistry at the University of Chicago, will give a third series of P. C. Reilly lectures at the University of Notre Dame November 16, 18 and 20. He will speak in 123 Nieuwland Science Hall at 4 p.m.

A specialist in physical chemistry, Professor Hutchison will discuss "Paramagnetism and Paramagnetic Resonance Nov. 16. His succeeding lectures will be on "Applications of Paramagnetic Resonance Techniques to Chemical Problems" and "Paramagnetism of Phosphorescent Organic Molecules."

The annual series of lectures by outstanding chemists and chemical engineers was established in 1945 by a gift of more than one million dollars from the late Peter C. Reilly, Indianapolis, Ind., industrialist and a member of Notre Dame's Associate Board of Lay Trustees. Earlier Reilly lecturers this year were Dr. Fred Basolo, professor of chemistry at Northwestern University,

Evanston, Ill.; and Prof. Kenneth S. Pitzer, dean of the college of chemistry

at the University of California at Berkeley.

Hutchison has been associated with the University of Chicago's Institute for Nuclear Studies since 1945 and has been a member of the chemistry faculty since 1948. He is a consultant to the Argonne National Laboratory and the Los Alamos Scientific Laboratory. During 1955-56 he was a Guggenheim Fellow at Oxford University in England. He received his earlier education at Cedarville College and Ohio State University which awarded him a doctorate in chemistry in 1937.

59/227

## For release in AM's, Sunday, November 15th:

Notre Dame, Ind., Nov. 14 - The Rockefeller Foundation has awarded the University of Notre Dame a \$75,000 grant to support a five-year research program on "the assumptions, methods and issues of contemporary diplomacy," it was announced here today.

The program will be conducted by the University's Committee on International Relations, a group of six political science and history professors headed by Dr. Stephen Kertesz, former Hungarian diplomat.

As part of the project a library of diplomacy will be established at Notre Dame. The fund will underwrite the participation of visiting scholars and diplomats in lecture series and symposia as well as a long-range study of diplomacy through the years by committee members.

According to Professor Kertesz, diplomatic methods and procedures have become "greatly diversified" in the expanding world community. The great impact of science and the growing importance of economic problems are two examples of contemporary developments often requiring new diplomatic techniques, he said. "Today with law so fragile and war so frightful, the scope of diplomacy includes the whole range of the Cold War in addition to the problems to be solved outside the Soviet orbit," Kertesz declared. "Diplomacy's task has become more important than in any previous period of history. A failure of diplomacy could bring doom to the human race; correspondingly, successful diplomacy could be the beginning of an era of cooperation, progress and prosperity." Committee on Int'l. Relations ... 2

Kertesz said the Committee will establish a study room on the campus for a collection of books in all major languages on diplomacy, foreign policy and international institutions. The new facility, he said, will include the Committee's International Documentation Center, which has proved invaluable to faculty mombers and graduate students engaged in international relations research. The Committee will also function as a depository in connection with these library and documentation facilities by accepting manuscripts and personal documents for later publication.

A second major objective of the five-year program, Kertesz explained, will be to search out and record original diplomatic experience in the broadest sense. Outstanding American and foreign scholars and veteran diplomats will be invited to Notre Dame to contribute their unique personal experience to the advancement of knowledge about methods, procedures and issues in international relations. It is expected that many concrete case studies will be published.

In addition, Professor Kertesz disclosed that he and his five associates on the Committee will undertake a long-range research program and systematic publication of material on the development, role and limits of diplomacy throughout history. This research, he said, will be related as closely as possible to the condition of the contemporary world, but its long-range scholarly objective in-

cludes the publication of major documents, commentaries and critiques of foreign policy in earlier periods of history.

Notre Dame's Committee on International Relations was established in 1949 with the support of a grant from the Rockefeller Foundation. Since that time the Committee has published twenty-two books and sponsored more than two hundred campus lectures and symposia covering a broad spectrum of international affairs.

Serving with Kertesz on the Committee are Dr. Matthew Fitzsimons, who is also editor of Notre Dame's quarterly REVIEW OF POLITICS; Profs. F. A. Hermens and John J. Kennedy of the political science department; and Profs. William O. Shanahan and Frederick B. Pike of the department of history.

59/228

For release in PM's, Tuesday, November 24th:

Notre Dame, Ind., Nov. 24- A total of 145 foreign students is currently enrolled at the University of Notre Dame, it was reported today by Rev. Joseph S. McGrath, C.S.C., foreign student advisor.

Father McGrath said that the student body also includes 24 U. S. citizens now living in foreign lands as well as 22 others whose homes are in U. S. Territories.

The foreign students represent 35 countries. One young man, who was born in Hungary and emigrated to Canada, lists himself as "stateless." Canada, with 37 students enrolled at Notre Dame, has the largest national contingent. The Latin American countries combined number 35 students at the University. India has 18 young men at Notre Dame, and there are 10 Chinese.

Sixty-five of the foreign students are seeking advanced degrees in the Notre Dame Graduate School with another ten engaged in post-doctoral research. Thirty-five are taking undergraduate programs in engineering, and 22 are studying for bachelor's degrees in liberal arts.

While Catholics predominate among Notre Dame's foreign students, twelve are adherents to oriental religions. Among the non-Christian group are 9 Hindus, 2 Muslims and 1 Buddhist.

A complete list of countries with students enrolled at Notre Dame includes Canada, 37; India, 18; China, 10; Great Britain, 8; Philippines, 7; Colombia, 6; France and Panama, 5; Chile, Mexico and Nicaragua, 4; Japan, Korea and Peru, 3; and Ecuador, Germany, Iraq, Ireland, Pakistan and Venezuela, 2. Countries with one student each are Argentina, Austria, Belgium, Bolivia, Costa Rica, Cuba, El Salvador, Hondora, Iran, Indonesia, Italy, Netherlands, Portugal, Southern Rhodesia, and the Union of Arab Republics.

59/229

For release in AM's, Saturday, November 28th:

Notre Dame, Ind., Nov. 27 -- University of Notre Dame scientists have recently been awarded research grants totalling \$121,273 by the National Science Foundation and the U. S. Atomic Energy Commission, according to an announcement today by Francis X. Bradley, assistant dean for research in the Graduate School. The grants will underwrite research in Notre Dame's departments of chemistry, biology, mechanical engineering and metallurgical engineering.

Dr. Ettore A. Peretti, head of the department of metallurgical engineering, has received a National Science Foundation grant of \$42,700 for a three-year research project on "Phase Relationships in Systems Involving Semiconductors."

Another NSF grant of \$24,200 will support basic research directed by Prof. Kwang-tzu-Yang in the mechanical engineering department. The two-year project is entitled "A Fundamental Improvement of the Integral Procedure as Applied to Problems in Boundary-Layer Theory, Transient Heat Conduction and Duct Flows with Heat Transfer."

Dr. Robert P. McIntosh, assistant professor of biology, will be principal

investigator for a "Quantitative Ecological Study of the Vegetation of the

Catskills." The four-year project will be supported by a \$15,400 NSF grant.

A fourth MSF grant has been awarded to Eev. Ralph P. Davis, C.S.C., of

the chemistry department, for a two-year research program on "Condensation of

Aromatic Nitro Compounds with Arylacetonitriles."

Another chemistry professor, Dr. R. C. Pilger, has received a U. S. Atomic Energy Commission grant of \$16,308 to conduct "Studies in Nuclear Spectroscopy" during the coming year.

The AEC has also made a grant of \$13,165 to support research in radiation biology directed by Rev. Cletus S. Bachofer, C.S.C.

59/230

## For release in PM's, Saturday, Nov. 21st or thereafter:

Notre Dame, Ind., Nov. 21 -- Funeral services were held in Sacred Heart Church here today (Saturday) for Rev. Patrick J. Carroll, C.S.C., 84, former vice president of the University of Notre Dame and longtime editor of THE AVE MARIA.

A priest for more than 59 years, Father Carroll was the third oldest member of the Holy Cross Fathers' Indiana Province. He was one of a very few Notre Dame priests who was at the University during the lifetime of its founder, Rev. Edward F. Sorin, C.S.C., who died in 1893.

Born in County Limerick, Ireland, on August 15, 1875, Father Carroll came to this country as a youth, entering Holy Cross Seminary at Notre Dame in 1891. He entered the novitiate of the Congregation of Holy Cross in 1896, made his final profession two years later, and was ordained to the priesthood on August 12, 1900, at the Catholic University of America, Washington, D. C. Father Carroll observed the golden jubilee of his ordination with a Solemn Mass in Notre Dame's Sacred Heart Church August 12, 1950.

Father Carroll taught English at Notre Dame for nearly twenty years of his priestly life, serving as vice president of the University from 1926 to 1928. The author of several poems and books of fiction as well as a high school religion text, he served as editor of THE AVE MARIA, published by the Holy Cross Fathers at Notre Dame, from 1934 to 1952. He was pastor of Saint Joseph Church, South Bend, Ind., from 1913 to 1922. In earlier years he was president of Saint Edward's University, Austin, Tex. (1907-09) and Sacred Heart College, Watertown, Wisc. (1904-07).

Among Father Carroll's survivors are five nieces, four of them nuns, and two nephews.

59/231

# For release in AM's, Thursday, November 26th:

Notre Dame, Ind., Nov. 25 -- Two hundred fifty midwest collegians will converge on the University of Notre Dame campus for the 7th annual Advent Symposium to be held here December 4-6. "The Student and the World Mission" will be the theme of the meeting which is sponsored by the National Catholic Action Study Bureau of the National Federation of Catholic College Students.

A series of addresses and discussions during the symposium will explore both the idea and purpose of the layman in the spread of the apostolate. Included will be detailed information on the practical workings of the missions.

Edward Kirchener, director of the Association for International Development training program for lay missionaries, will keynote the sessions with an address in Notre Dame's Law Auditorium Dec. 4th at 7:30 p.m. Thomas Geil, a Notre Dame student from Royal Oak, Mich., and religious affairs vice president of the NFCCS, will preside at the opening session.

Rev. George Tavard, A. A., of Mount Mercy College, Pittsburgh, Pa., will address the symposium in the Law Auditorium Dec. 5th at 10:30 a.m. Author

of several books on the ecumenical problem, Father Tavard will discuss "The Missionary Role of the American Church."

"Missionary Opportunity" will be the subject of David O'Shea, former lay missionary, in the Law Auditorium at 1:30 p.m. (Dec. 5th) He is chairman of the Catholic Action Federation of Chicago. The Advent Symposium will close Dec. 6th with Mass in Sacred Heart Church and a communion breakfast at The Morris Inn. The speaker will be Rev. Laurence Murphy, M. M., editor of THE WORLD CAMPUS, Buffalo, N. Y. His talk is

entitled "From Campus to Mission."

59/232

## For release in PM's, Monday, November 30th:

Notre Dame, Ind., Nov. 30 - Three government agencies and a Denver industrial firm have recently awarded research grants totalling \$52,613 to University of Notre Dame scientists, according to an announcement today by Francis X Bradley, Jr., assistant dean for research in The Graduate School.

The Office of Naval Research has made a grant of \$20,000 to underwrite a one-year extension of studies in solid state physics being conducted by Dr. Edward A. Coomes, professor of physics. A member of the Notre Dame physics faculty since 1933, Professor Coomes received the University's Lay Faculty Award four years ago.

Dr. James P. Danehy, associate professor of chemistry, has received a grant of \$13,900 from the National Science Foundation to support a new threeyear research program. His project is entitled "Reactions of Alkyl Phosphites

with Organic Disulfides,"

The U. S. Atomic Energy Commission will support research on "The Interaction of Protons and Particles with Nuclei" to be conducted by Dr. Charles J. Mullin, professor of physics, during the coming year. A new AEC grant of \$13, 813 will augment \$45,724 previously awarded for the project. Dr. Julius T. Banchero, head of Notre Dame's department of chemical engineering, will carry on research on "Dinitration of Benzoic Acid" under a grant of \$4,900 from the Stearns-Roger Co., Denver, Colo. Banchero recently joined the Notre Dame faculty after teaching at the University of Michigan since 1943.

59/234

### For release in AM's, Sunday, November 29th:

Notre Dame, Ind., Nov. 28 - Thomas W. Pangborn, chairman of the board of the Pangborn Corp., Hagerstown, Md., has been appointed a member of the University of Notre Dame's Associate Board of Lay Trustees, it was announced today by Rev. Theodore M. Hesburgh, C.S.C., University president.

Actively interested in Notre Dame for many years, Pangborn has been a member of the University's Advisory Council for Science and Engineering since 1947. He has resigned from the Council to accept the new appointment. The lay trustees, composed of alumni and non-alumni members, have the responsibility of holding, investing and administering Notre Dame's endowment funds.

Pangborn and his brother, John C. Pangborn, are the donors of Fangborn Hall, a student residence building dedicated in 1955. Thomas Pangborn received an honorary Doctor of Laws degree from Notre Dame in 1954.

Joseph A. LaFortune, retired Tulsa, Okla., oil executive, is president of the Associate Board of Lay Trustees, and its vice president is Robert L. Oare, chairman of the board, Associates Investment Co., South Bend, Ind. Thomas H.

Beacom, vice president of the First National Bank of Chicago, is treasurer.

Other board members include Joseph M. Byrne, Newark, N. J.; Jerome J.
Crowley and Bernard J. Voll, South Bend, Ind.; William R. Daley and John P. Murphy,
Cleveland, Ohio; Edward J. Doyle, Northfield, Ill.; Walter Duncan, LaSalle, Ill.;
Harold S. Foley, Vancouver, British Columbia; and Timothy P. Galvin, Hammond, Ind.
Also J. Peter Grace, Jr., Harry C. Hagerty and Raymond H. Reiss, New York,
N. Y.; Byron V. Kanaley, John L. McCaffrey and Alfred C. Stepan, Jr., Chicago, Ill.;
James F. Keenan, Fort Wayne, Ind.; C. Roy McCanna, Burlington, Wisc.; Joseph I.
O'Neill, Jr., Midland, Tex.; I. A. O'Shaughnessy, St. Paul, Minn.; and George W.

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59/230	11/21/59	Rev. Patrick J. Carroll, C.S.C Death.
59/231	11/25/59	7th Annual Advent Symposium.
59/232	11/30/59	Research grants totalling \$52,613 from Office of Naval Research and U. S. Atomic Energy Comm. and Stearns-Roger Co.
59/234	11/29/59	Thos. W. Pangborn appointment to Associate Board of Lay Trustees.