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Qualities Needed For Counselling To Be Speech Topic

Speaking to the Guidance Institute workers Friday will be Robert Callis, counselling center director at the University of Missouri.

He will talk to the guidance group twice, at 10 and 2.

One of his topics will be the qualities necessary for the selection of graduate students for counselling. He will also speak about the relationship of counsellors to talented students, the use of personality tests in counselling, and ethics in counselling.

The Guidance Institute students heard two panel discussions on Monday and Tuesday of this week, in the recreation room of Hancock Hall.

The first panel consisted of D. J. Robertson, dean of University College, and Lawrence Hanson, principal of Grand Forks Central high school, speaking on articulation between college and secondary schools. Bernard Rostberg, guidance director at Minot high school, was moderator.

The second panel had Noel Hoffman, guidance director at Montevideo, Minn., and Lloyd Jarman, guidance director of Larimore, discussing the organization and administration of guidance programs in high schools, with David Stern, guidance director at Cando and Leeds, moderating.


"Rainmaker" Opens Two-Night Stand

Starting at 8:15 p.m., the Dakota Playmakers, under the direction of Thomas E. Jones of UND's speech department, will present "The Rainmaker" tonight and tomorrow night.

This romantic comedy concerns a drought stricken part of the West, a girl whose father and two brothers are worried as much about her becoming an old maid as about their dying cattle, and a rainmaker with magic notions for both the girl and rain.

Performances will be given in the Education auditorium.

The Dakota Student

SUMMER SESSION THURSDAY, JULY 30, 1959  NUMBER 7

190 to Graduate August 8; Noted Educator to Speak

Approximately 190 University students will be awarded degrees at summer commencement exercises Saturday, August 8, at 10:00 a.m. on the University mall.

Dr. E. T. McSwain of Northwestern University will deliver the commencement address, said Dean M. L. Cushman, chairman of the commencement committee.

Dr. McSwain, who is the dean of the school of education at Northwestern, will speak on "Education in the Decade Ahead."

Dr. George W. Starcher, UND president, will confer the degrees and the deans of the various colleges will greet the candidates as their names are read by Professor

George Dike of UND's speech department.

Michael Polovitz will direct the Summer Session Band, as they play the processional and recessional and accompany the audience as they sing the National Anthem and the Alma Mater.

Grey Gowns, to act as ushers for the commencement, have been selected from members of the junior class who are attending summer school.

They are Linda Vikan, Fosston, Minn.; Malva Bach, Devils Lake; Niomi Rohn, Park River; George Sarosi, Budapest, Hungary; Dale Hoakenson, Galesburg; Geraldine Onstad, Clearbrook; Marlys Smith, Diane Indridson, Robert Perkins, and Susanne Wentsel, all of Grand Forks.

Dean Cushman asks any candidate for graduation who has not made arrangements for his cap and gown, to do so as soon as possible through the University Bookstore.

Those who are to participate in the commencement are to report in their gowns to the basement of Merrifield Hall at 9:00 on the morning of graduation to line up for the processional.

Visiting Linguist Is Lecturing Daily

Dr. Robert A. Hall, Jr., professor of linguistics at Cornell University, is lecturing daily this week to staff and students of the Summer Institute of Linguistics.

His schedule for the rest of the week includes lectures at 8:40 a.m. Thursday, Friday and Saturday, and at 11 a.m. Thursday and Friday. All lectures will be in room 18, Merrifield Hall.

Dr. Hall is the author of numerous books and articles on descriptive and comparative Romance linguistics and Creole languages.

Ellendale Group Gets Aerospace Briefing

Capt. Garland D. Bridges, Jr., assistant professor of air science, and T/Sgt. Hubert Butts, instructor in air science, at the University of North Dakota presented a two-hour briefing for 62 students and faculty members at the Ellendale Normal and Industrial College on Tuesday.

The purpose of the briefing was to encourage teachers to obtain information on aerospace materials and to enrich their particular subjects by use of these materials.

The importance of aerospace education in the school systems was discussed. Resource personnel, aviation and space agencies and the many publications and teaching aids were displayed, and it was explained as to what source this material could be obtained.

NOTICE TO VETERANS USING G.I. BENEFITS

Last payroll forms for the summer session should be completed and signed on the day of each veteran's last test or last class, whichever is later, for payment of July and August allowance.



"Bottoms up!" and "Hey! Look at Me!" are fitting captions to illustrate the exuberance of youngsters enjoying a cooling dip in the University Fieldhouse pool. The pool is open from 4 to 6 p.m. every weekday. Tickets are available at the business office in Old Main.

TV Classroom to Offer Physics and Chemistry

Physics and chemistry courses will be offered over TV this fall by the University of North Dakota, which is taking part in the Continental Classroom program.

Three hours credit per semester will be given for each of these courses. There will be a total of 160 broadcasts for the year, or 80 for each semester of 16 weeks each. These courses are similar to correspondence courses. The students must do homework and take examinations.

No station in this area has yet made any commitment to carry these programs, according to Ben G. Gustafson, director of the UND extension division. He said the time for these programs hasn't been determined, but one will follow the other some time early in the morning. Detailed information will be available through the extension division after August 10, he said.

Dr. Harvey White of the University of California heads the physics program, and Dr. John F. Baxter of the University of Florida heads the chemistry program. About 20 per cent of the lectures will be given by guest lecturers.

Last fall a physics course, which was UND's first participation in the Continental Classroom program, was given over TV at 6:30 a.m., Mon-

day through Friday. A tape recording of these broadcasts will be run for this year's program in physics.

Edwin A. Whalin, assistant professor of physics at UND who was the coordinator for last year's program, said that all the students who enrolled seemed quite interested, and most of them finished the course. The lectures are pitched at a level so that even people who have not had previous training can understand what is going on, especially if they start at the beginning, he said.

Besides being an opportunity for earning credits in physics and chemistry, this program enables high school teachers to obtain new knowledge in this field, to refresh their memories and to keep up on new developments.

This type of program gives those interested in physics and chemistry a chance to hear the top men in these fields. Included in last year's program were Nobel prize winners in physics and other men of prominence in the field.

The courses are open to anyone, but it is desirable to have had some college physics or chemistry and a year of college mathematics.

For physics the text is "Modern College Physics," by H. E. White, and the manual is "Basic Principles

of Modern Physics," by Howard A. Shugart, Ph.D. These books are the same as used last year.

In chemistry there will be two paper-back books keyed to the TV lectures. They are "Modern Chemistry" by Dr. Baxter and Dr. Luke E. Steiner, chairman of the department of chemistry at Oberlin College, Ohio, and "Study Guide for Modern Chemistry" by Dr. Baxter and Dr. Jay Young, chairman of the department of chemistry at King's College, Wilkes-Barre, Pa.

New Instructor Assigned To Air Force ROTC Staff

Technical Sergeant Floyd T. Altimus has been assigned to the Air Force ROTC detachment at the University of North Dakota, announced Alphens E. Forsman, professor of air science.

Sgt. Altimus will serve as detachment personnel sergeant and instructor of air science. His most recent assignment was in personnel work with the U. S. Air Force at Chotose and Miswa air bases in Japan, October 13, 1956-June 5, 1959.

He has been awarded the Good Conduct Medal, the National Defense Service Medal and the Air Force longevity award. He is a native of McMinnville, Ore.

Sgt. A. Altimus, his wife, Donna, and two sons, Michael and Thomas, reside at 821 18th Ave. S., Grand Forks.



Sgt. Altimus

Workshop Speaker Says:

Dirt Runways Common at Russ Airports

"Compare Russian aviation to the air facilities of Grand Forks?"

"Why . . . Grand Forks' Municipal Airport has better facilities than 90 per cent of the cities of Russia."

This was the opinion of Dr. Evan Evans, executive director of the National Education Council in Washington, D. C., who was the featured speaker during the fourth annual University of North Dakota Aerospace Education Workshop last week, and just returned from a trip to Russia.

"Leningrad, Russia's second largest city, has an airport that dates back to our pioneer days in aviation," Dr. Evans said. "Its runways are still like cow pastures: all dirt and brush."

The Washington visitor pointed out that only one city in Russia, exclusive of Moscow, has paved airport runways, and this was accomplished by the citizens of Kiev when they "volunteered" their services after their work days were completed.

"But, believe me, the peasants' airport is beautiful," Dr. Evans continued. "It represents many hours of labor and is one of the shining examples of aviation progress in Russia."

Dr. Evans commented briefly on his Russian trip during the UND Workshop; but, mainly, he discussed new advances of U. S. aviation and new techniques of teaching aviation in the classrooms. More than 40 summer school students, enrolled in the workshop, heard his two major addresses here in Grand Forks.

"Although we weren't given permission to see everything in Russia, we were able to get a good description of Russian aviation," the Washingtonian added. "Transportation between cities in Russia is done with two-engine airplanes, which have to battle constantly with mud and dirt runways."

Having been a former superintendent of schools at Winfield, Kan., Dr. Evans said that he was very much interested in the educational system of Russia. From what he could see, the Russian educational

(Continued on Page 8)



With the Aerospace Workshop tour of Wold Chamberlain Field in Minneapolis—left to right, Warren G. Leonard, Grand Forks; Dean M. L. Cushman, UND; Lt. Com. A. I. Nadler, U. S. Navy, Minneapolis; Dr. Evan Evans, Washington, D. C.; Lyle Hill, superintendent of schools, Ellendale, N. D., and Gerald Brekke, superintendent of schools, Kennedy, Minn.

Air Force Team Tells About Striking Power

By ANDERS ANDERSEN

Bombers, guided missiles and modern warfare were included topics in the Aerospace Education Workshop, July 23-25.

Lt. Col. Carleton Konz, U.S.A.F., spoke in the Education Building auditorium Thursday morning, July 23, on the state of the Air Force and its capability of striking the enemy. Included in his subject matter were the various bombers used, past and present, and such aspects as their speed, size, amount of fuel consumed and the distance that could be flown.



Lt. Col. Konz

As he spoke, appropriate slides were shown. Some especially interesting slides dealt with refueling the huge planes while in flight.

Lt. Col. A. H. Richard, Jr., and Major J. H. Garrison, who made up the U.S.A.F. briefing team from Maxwell Field, Ala., took turns



Lt. Col. A. H. Richard, left, and Major J. H. Garrison, the briefing team from Maxwell Field, Ala., were in charge of the Friday afternoon session of the Aerospace Education Workshop.

speaking Friday afternoon at the Student Union Ballroom, from 1 to 4 p.m. Two 10-minute breaks were taken during the long lecture, and the main topics were divided accordingly.

The first part of this session dealt

(Continued on Page 8)

Worth Quoting . . .

(The following excerpts are taken from "Controversy in Education—Old and New," the concluding lecture of the 1958-59 series, delivered by D. M. L. Cushman, dean of the College of Education at the University of North Dakota.)

One of the persistent, recurring themes permeating the historical development of education is that it has always been pointed in the direction of an increasing democratization of its benefits.

In the last 50 years the findings of the psychologists throwing new light on the capability of human beings to learn if properly taught, on the magnitude of the range of individual differences, and on the development of new ways of learning and new methods of teaching have greatly complicated the task of the public schools but at the same time has opened up many areas of learning to new millions of young people.

One of the things the critics of education forget, or underestimate, is the fact that every generation of human beings begins its life from infancy at precisely that same level

(This column reprints editorials and other articles that Dakota Student editors feel will be of interest to their readers. Contributions are welcomed. Views expressed are not necessarily those of the Dakota Student.)

of knowledge from which every previous generation began—namely, zero. But the total knowledge available to be taught has not only accumulated for many centuries but is accumulating more rapidly in recent years. The problem of selection of proper subject matter for the learner is a field needing more research and less destructive criticism. But to say that we are less educated as a people than we were 50 years ago is to ignore the easily demonstrable fact that larger numbers and larger percents of American youth are now taking courses in foreign languages, mathematics and the sciences than in 1900.

Among the contemporary critics there is a group who honestly do not believe in the principles of public education. They are usually extremely high minded, thoroughly good citizens who believe that education is the function of the church rather than of the state.

The critics of public education to be feared most today are those almost vicious people who for baneful reasons oppose education.

Scott and Hill, after reviewing scores of articles and books on criticism of education listed this group in one of their major conclusions by saying of them: "Their opposition to schools is part of a subversive movement to discredit all democratic institutions.

How large this group is no one knows. We do know that it is sinister; it is virulent; it is competent; to a degree it is organized. Its representatives appear any time and anywhere a critical school situation develops."

It is a recurring observation of this writer that the fault-finders of education write largely in the lay press, the contemporary periodicals, whereas the answers written by professional educators, and often laymen also, good as they are and usually well documented, are most often found in the professional journals.

Educators have a lesson to learn in the use of mass media of communications to tell their story. Today the Public Relations Division of the N.E.A. has embarked on just such a program.

The one criticism of public education today that appears to have the most justification is the charge that the schools unduly neglect the gifted child. Educators and school board members alike, and parents of the gifted especially, are aware of the validity of this criticism.

The research division of the N.E.A. has shown that state-level plans for gifted children are almost non-existent, although many local school systems provide informal classroom programs for the instruction of gifted children. There are practically no programs for educating and certifying teachers of gifted children.

In conclusion one must say, with Scott and Hill and others, that there is abundant evidence to warrant the belief that the contemporary wave of criticism may be an expression of the average citizen's deep-seated, abiding faith in public education.

In a sense, all of us are critics of education—all of us see many ways to improve it. All of us possess different amounts and kinds of knowledge, philosophies, and values we place upon our schools and their contribution toward making us individuals what we are and our society what it is. And so, because we are all only partly educated, we are all also always partly ignorant.

A study of controversy in education—old and new, should teach us, above all, to be humble, because, in a sense, we are all still barbarians invading the Fertile Crescent, cultured Greece and orderly Rome, almost destroying their libraries before acquiring the wisdom the ancients have assembled.

Philosophically Speaking . . .

The ambition to become important and famous is foolishness, according to Francis Bacon, the great English philosopher of the sixteenth century.

In his essay, "Of Great Place," the following can be found:

"Men in great place are thrice servants; servants to the sovereign or state, servants of fame, and servants of business, so as they have no freedom, neither in their persons nor in their action, nor in their time.

"The rising unto place is laborious, and by pains men come to greater pains; and it is sometimes base, and by indignities men come to dignities. The standing is slippery, and the regress is either a downfall or at least an eclipse."

—A. A.

HOUSING FORMS READY

Married student housing application forms for the 1960 summer school session are available at the office of residence services, room 9, Old Main. Applications will be received only from individual applicants.

Staff:

THE DAKOTA STUDENT

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STAFF MEMBERS: Anders Andersen, Paul Frost, Kathryn Meyer, Patty Paulson, Advisors: Paul C. Schmidt, Harvey K. Jacobson.
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President Starcher Outlines Big UND Building Program

More than 2½ million dollars are involved in a massive program for buildings and improvements at the University. President George W. Starcher recently outlined the project for three of the major structures.

The Chester Fritz Library, a new chemistry building and a new administration building are the three buildings to be constructed.

President Starcher said that actual construction will begin as soon as the architectural plans can be developed.

The library, which will be built with the gift of one million dollars presented to UND by Chester Fritz in 1958, will probably be located between the present library and the Law-Commerce Building. It will contain about 60,000 square feet, double that which is now available.

According to tentative plans, upon the completion of the library the school of law will move into the present library building, leaving the present Law-Commerce Building to be occupied solely by the College of Business and Public Administration.

The tentative location for the much-needed administration building is between Davis and Macnie Halls. Upon completion of the new building, Old Main, the present administration building, will be razed.

The Chemistry Building will be located inside the campus drive, directly across the drive from the present Chemistry Building. The new building will allow the biology department, which is now located in the basement of the chemistry building, to expand and take over the chemistry department's space.

The Administration and Chemistry Building will be built with funds appropriated by the 1959 North Dakota Legislature. The Legislature allotted \$850,000 for the Administration Building and \$750,000 for the Chemistry Building.

The University of North Dakota basketball team will play two Big Ten opponents in 1959-60—Iowa and Wisconsin.

Because of the Strike:

Summer Science Institute Tourists Go Deep Down in Iron Mine

By ANDERS ANDERSEN

The field trip of the 1959 UND Summer Science Institute, which included a trip to the Mesabi Range, Duluth and the north shore of Lake Superior, was a great success, said Lloyd L. Fezler, one of the participants.

He said that the weather was good during the whole trip, July 15-19, and that the tour had in some ways been improved by the steel strike. They were able to go deep into the mines and examine the equipment, which would not have been possible had the iron mines been in operation.

At the Minnesota Museum of Mining at Chisholm, Fezler was impressed by the collection of old mining equipment, which included such objects as horse-drawn wagons and a steam locomotive. He said the museum itself was constructed out of rocks like a castle.

Another change forced by the steel strike was a visit to the wood conversion plant at Cloquet instead of the steel mills, which had picket

lines around them. At the match factory at Cloquet, Fezler saw a huge log chopped into little pieces.

Duluth was the next stop, and in the outskirts rock formations, dating from glacial times, was studied.

The second evening there was a cruise out of Duluth harbor in an excursion boat carrying about 100 people, and later Fezler and others looked over the city.

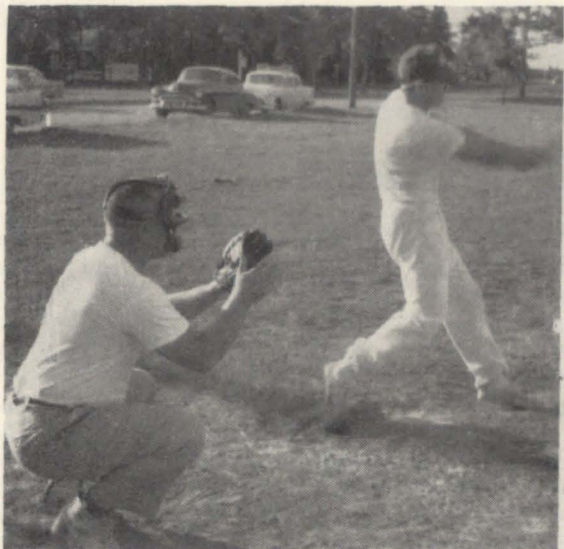
Next day the Lake Superior Research Station was visited. Here they examined the equipment used for tests of the water for such things as temperature and the life it contained.

Sunday morning Fezler and other participants attended the church services of their choice, after which they boarded buses back to Grand Forks.

Fezler said that the tour was basically geological, but a lot of local flora was seen. He believed that the tour was very educational, and that it helped the participants to get to know each other well.



A rock collection gathered by Lloyd L. Fezler during the Summer Science Institute field trip is examined by, left to right, Leland Erickson, Jim Coats, Michael Tillford, Fezler, and Vern Hagen. All were participants in the field trip.



Typical action to be seen in the softball league is portrayed by (left) Charles Wilz, catcher for Queen City, and Mike Hauck, batter for Theta Chi. Bill McConnell (right) is bringing in another run for Theta Chi.



Queen City, Budge Hall Are Softball Finalists

Queen City, with a 9-8 victory over the Keynotes, and Budge Hall, with a 9-5 victory over Theta Chi, Tuesday evening became the finalists in the summer softball league.

The game championship will be played across from the Stadium on Second Avenue at 6:15 p.m. Thursday.

All softball league managers are urged to turn in their equipment as soon as possible.

Board Starts Hunt For Hockey Coach

The University of North Dakota athletic board of control Wednesday began the process of selecting a new varsity hockey coach.

L. R. Marti, acting director of athletics and physical education, said that after looking over the applications for the post, the board will begin interviewing candidates.

Resignation of Bob May from the head coaching job last week after two years brought on the hunt for a successor.

40 Students Expected for Annual Hockey Clinic Opening August 2

Preparations are under way for the first annual North American Hockey Clinic and School at the University of North Dakota August 2 through 16.

Aimed at teaching hockey fundamentals, with practical on-the-ice instruction, the clinic will feature teaching by top college coaches to players 13 years and older.

Clinic instructors include Ned Harkness, head hockey coach at Rensselaer Polytechnic Institute at Troy, N. Y.; Bob May, former University of North Dakota head coach who resigned last week, and Barry Thorndycraft, former assistant hockey coach at UND.

Applications from all parts of the United States and Canada have been accepted, according to L. R. Marti, acting director of athletics and physical education. Officials are planning to instruct 40 or more students at the two-week session.

The students will be housed and fed on the campus with all instruction and skating to be held on the artificial ice of the Sioux Winter Sports Arena, where ice-making activities are now under way.

As an added feature of the 14-day clinic-school, there will be a two-day clinic for coaches August 14-15 under the supervision of May. High school coaches in the area are invited to enroll. Registration fee is \$10.

Students in the two-week clinic

will be given individual instruction in defense, offense, power play, back-checking, short-handed play, break-out patterns, shooting, goaltending, officiating and movies.

May's UND Sioux team captured the NCAA championship last March at Troy, N. Y., while Harkness led RPI to the title in 1954.

The clinic will end with a regular game among students.

SPORT SCHEDULES READY

The campus barber shop's annual schedule of UND football, hockey and basketball games now is ready for distribution, F. W. Purvis said Tuesday. They may be picked up at the shop in the Student Union.

SIoux CAGER AT UCLA

Glenn Egstrom, University of North Dakota cager who graduated in 1950, is a member of the physical education staff at UCLA. Egstrom recently visited his Alma Mater.

KING AT PENN U

DeWayne (Dewey) King, University of North Dakota All-North Central Conference center in 1948, is backfield coach at the University of Pennsylvania. King has been at Penn six years and before that coached two years at Michigan State.

UND and Great Northern Sign Research Agreement

A research program pointing toward the "marriage" of the two greatest mineral resources of North Dakota and Minnesota was disclosed last week in the signing of a contract between the University of North Dakota and the Great Northern railway.

Objective of the research is development of a process in which North Dakota's vast reserves of lignite coal might be utilized to produce an economically marketable product from non-magnetic taconite iron ore. Immense untapped reserves of non-magnetic taconite exist in the western portion of Minnesota's famed Mesabi range, largest iron ore deposit in the world.

Announcement of the two-year contract, under which the railway will provide an undisclosed sum for research at the university's Grand Forks campus, was made jointly by Dr. George W. Starcher, president of the University of North Dakota, and John M. Budd, president of the Great Northern Railway.

Beginning of the North Dakota program in August will mark the second phase of a five-year research project authorized by Great Northern's directors in 1956, to be carried out by the Universities of Minnesota and North Dakota.

A contract was signed that year with the University of Minnesota, where work is progressing on the development of a non-magnetic taconite process. While the process has not yet been definitely chosen, results have been encouraging and certain paths of approach to the large scale use of lignite have been apparent, according to officials associated with the project.

The newly-authorized lignite research will be conducted under the direct supervision of Prof. A. M. Cooley, head of the University of North Dakota's department of chemical engineering. The university has carried on research into the commercial utilization of lignite for many years, and its engineering staff has an extensive background of experience in this field.

Great Northern's department of mineral research and development,

headed by A. J. Haley, will actively participate in the project and act as liaison with the iron mining and lignite industries.

Commenting on the signing of the contract, President Starcher said:

"It is my belief that this arrangement can be of great benefit to the lignite industry in North Dakota, to the university, and to the Great Northern Railway, indirectly if not directly. I compliment Great Northern, and all of those responsible for this grant, upon their foresight and civic mindedness."

President Budd expressed the belief that the accomplishment of the long-range research objective would be of vast benefit to the economy of the two states. He pointed out that the project was conceived as a public service for the good of the entire area, and that all results will be made freely and fully available within the two states to further the regional economy.

The lignite reserves of western North Dakota are estimated at 350 billion tons—over three-fourths of the nation's supply of lignite or one-sixteenth of the total United States supply of solid fuel. Although estimates vary on the extent of non-magnetic taconite in the Mesabi range, reserves are known to be in the billions of tons.

Radio Programs for the Week Ahead

KFJM — 1370 Daytime

University of North Dakota Broadcasting Service

THURSDAY, JULY 30, 1959

9:58 Sign on	1:30 Concert
10:00 Overture	Vignettes
10:15 Self Portraits of French Personalities	2:00 A Session in Bargaining
10:45 Watch Your Grammar	2:30 Matinee Concert
11:15 Notes and Music	3:30 The Creative Process
11:30 Chapter a Day	4:00 Afternoon Concert
12:00 Take 60	6:00 Evening Musicales
1:00 Talking About Books	6:30 To Be Announced
1:15 Folk Songs from Canada	7:30 Chamber Group
	8:00 Sign off

FRIDAY, JULY 31, 1959

9:58 Sign on	2:00 Queen of Battle
10:00 Overture	2:15 Concert
10:15 The Press and the People (University of the Air)	2:30 Matinee Concert
10:45 To Be Announced	3:30 Dateline London
11:15 Notes and Music	3:45 Patterns of Thought
11:30 Chapter A Day	4:00 Afternoon Concert
12:00 Take 60	6:00 Evening Musicales
1:00 To Be Announced	6:30 To Be Announced
1:30 Just for Children	7:30 Concert and Opera
1:45 Children's Concert	8:00 Sign off

SATURDAY, AUGUST 1, 1959

9:58 Sign on	2:30 Matinee Concert
10:00 Overture	3:30 Repeat Performance
10:15 Jazz Anthology	4:00 Afternoon Concert
11:15 Notes and Music	6:00 Evening Musicales
11:30 Reader's Choice	6:30 University of the Air
12:00 Take 60	7:00 Sign off
1:00 Weekend Special	

SUNDAY, AUGUST 2, 1959

12:58 Sign on	1:30 Little Orchestra Society
1:00 Sunday Concert Hall	

3:30 Sunday Concert Hall 4:30 Sign off

MONDAY, AUGUST 3, 1959

9:58 Sign on	Russia
10:00 Overture	2:30 Matinee Concert
10:15 Faculty Conference Highlights	3:30 Over the Back Fence (World At Large)
11:15 Notes and Music	3:45 Window on the World
11:30 Chapter A Day	4:00 Afternoon Concert
12:00 Take 60	6:00 Evening Musicales
1:00 A Look At Australia	6:30 University of the Air
1:15 Magazine Rack (Overview)	7:00 Sign off
1:30 Masterworks from France	
2:00 Reports from	

TUESDAY, AUGUST 4, 1959

9:58 Sign on	2:30 Matinee Concert
10:00 Overture	3:30 Georgetown Radio Forum
10:15 Philosophy in a Mass Age	4:00 Afternoon Concert
11:15 Notes and Music	6:00 Evening Musicales
11:30 Chapter A Day	6:30 (University on the Air)
12:00 Take 60	Georgetown Radio Forum
1:00 Concert Vignettes	7:00 Sign off
2:00 From the CBC	

WEDNESDAY, AUGUST 5, 1959

9:58 Sign on	Turkey
10:00 Overture	Poetry in Song
10:15 Some Thoughts on Creativity	2:30 Matinee Concert
10:45 To Be Announced	3:30 French Press Review (World At Large)
11:15 Notes and Music	3:45 Impetus
11:30 Chapter A Day	4:00 Afternoon Concert
12:00 Take 60	6:00 Evening Musicales
1:00 Little Air Theatre	6:30 University of the Air
1:30 Parade of Business	7:00 Sign off
1:45 This Is	

Importance of Working Through Channels Emphasized by PTA Workshop Speaker

"These are confusing times in education, and educators welcome support wherever they can get it," stated Richard E. Barnhart, superintendent of schools in Grand Forks, when he addressed the second annual PTA workshop at the University Tuesday, July 28.

"The national PTA, with a membership of 11½ million is an important force the educator has to assist him in the betterment of youth," Dr. Barnhart emphasized.

In his address, "What a Superintendent Expects from a PTA," Dr. Barnhart pointed to five areas of activity which an administrator hopes a local group will pursue.

First, that local groups will build their programs around state and national PTA objectives. These objectives are worthwhile and in harmony with the goals of education.

Secondly, he hopes that PTA groups will keep themselves intelligently informed on schools and base their actions on facts rather than on rumors and uninformed personal opinion. PTA can perform a real service in this area through their study programs.

Third, that they foster a closer relationship between parents and teachers. The organization can be one of the closest links the school has with the home.

Fourth, that they help establish a climate in which parent's interests are projected beyond their own child and their own school. We need broader concepts to make real contributions to education.

And fifth, that local PTA groups will work through established channels in the school system. Problems brought to the proper school authority have a much better chance of being solved. The morale of the school staff and the community will be enhanced by following established channels.

Mrs. Harold Belcher, national PTA vice-president from Fessenden, gave the opening address at the workshop. She also pointed out the danger in not following general PTA policy of non-interference with established lines of authority within the school.

"American education is in a

period of swift change," Mrs. Belcher stressed, and PTA must gear its program to assist in making that change."

A committee of graduate students from the University planned the all-day workshop. Dr. James M. Laing, assistant professor of education at the University, headed the group.

● Striking Power

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with the various types of guided missiles. Slides were shown which dealt with the size, speed and distance traveled of these missiles. The separate stages of a three stage missile were thoroughly explained. The German V-2, which was used on London during the latter part of World War II, was also covered.

The second part of this session was perhaps the most interesting. Here films of a number of missiles, such as the Thor, Atlas and Redstone in actual operation were shown. Then a successful launching of the same type of missile was portrayed.

Although the film was run without sound, the terrific blast of smoke and flame which could be seen when a missile blew up made one think the whole screen was going to explode.

Among the missile launchings shown was the first U. S. attempt to put a satellite in orbit, which was a failure. One of the successful launchings of a satellite was also shown.

Rockets, of the same type which the Chinese Nationalists used to shoot down a number of Migs in a recent air battle over the Formosa straits, were shown. These rockets, which home in on heat, were reported to have at times followed the jet exhaust right into the plane.

In the third and last part of the session, Lt. Col. Richard spoke on the traditional concepts of warfare as compared to the modern view. A few slides were shown to emphasize certain points.

Education means developing the mind, not stuffing the memory.

KFJM Programs Of Special Interest

Impetus:

Wednesday—3:45 to 4

IMPETUS is a program about books that have shaped our time.

The books discussed on the individual programs are not necessarily great or even good, but all of them have been influential books, and for better or for worse they have moved men to action and given shape to the Twentieth Century.

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A Session in Bargaining:

Thursday—2:00 to 2:30

Collective bargaining relations between management and labor are having increased impact on all segments of the nation economy.

Recognizing this, Station WDET arranged with the Institute of Labor and Industrial Relations of the University of Michigan and Wayne State University to present a series of discussions on key issues of great concern to companies, unions and the general public.

Active practitioners and trained university personnel have been recruited to analyze specific problems.

● Russ Airports

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system is not on a level with the American Educational system.

"But, mind you, I was most impressed with Moscow university, which has more than 30,000 students, of which 9,000 live in the huge University building itself."

"The mammoth university building covers many square blocks (comparing it to U. S. city blocks) and sits up on a hill, which serves as a psychological factor. Everyone looks up to the educational level of the University; and its surrounding beautiful landscape, adds to its importance."

While in Grand Forks, Dr. Evans attended many sessions of the UND workshop, which was under the directorship of Dr. M. L. Cushman, dean of the college of education, who owns and pilots an airplane himself. At the completion of the workshop, Dr. Evans joined 26 other students of the Workshop on a flight to Minneapolis for a two-day tour of the Naval Air Base at Wold-Chamberlain Field.