

23 on Staff Advise Teens



C. D. Ferraro Cleveland O'Neal

"VIP" — Vocational Information Program — was the title of a Friday night, Saturday afternoon program at John F. Kennedy High School late last month when 23 Lewis employees formed most of the speaking and counseling corps.

Pupils from six schools and their parents participated. Junior and senior high schools in the Mt. Pleasant and Lee-Harvard area, including Kennedy, John Adams, Alexander Hamilton, Audubon, Charles W. Elliot, and Nathan Hale were represented.

Paul W. Briggs, Cleveland schools superintendent, stated, "Students and parents must become more aware of occupational trends and changing demands in many areas of employment if students of today are to be prepared for the jobs of tomorrow."

C. D. Ferraro, placement officer, and Cleveland O'Neal, Jr., physicist, were the principal speakers for this program on "Career Opportunities in Aero-Space." The general assembly session was held Friday evening, April 22, for students and parents.

VIP seminars were held Saturday afternoon, April 23, at the school where the teenagers met with Lewis, other government agency, and industry personnel.

Seminar resource persons from NASA included: Gale L. Butler, Luequention Wilkins, Albert C. Antoine, Arthur L. Smith, William S. Akins, William Thomas, Jesse L. Strickland,

Vernon L. Mays, Harrison Allen, Jr., Glenn R. Zellars, Robert Hawkins, Clyde Albergottie, Juanita L. Antoine, Anne Easley, Pamela Pollack, Easter M. Scott,

Walter Ashford, Quillian Johnson, Louis R. Revnyak, Colleen Holt and Marilyn McCoy.

Wilson Stark of the Internal Revenue Personnel Administration, Toni Riley from Civil Service and Bob Hill of the Veterans Administration Hospital also made valuable contributions to the program, Dr. Ferraro said.

Twin goals of these programs are to urge the children to stay in school and motivate them to work so that they will qualify for job openings at NASA and other public and private installations.

September 2, 1966

Equal Employment Opportunity Group Is Formed At Lewis

Lewis Research Center, which has had an "equal employment opportunity" policy since Lewis was established a quarter of a century ago, now has named a formal 11-member Equal Employment Opportunity Committee.

The action was taken by Dr. Silverstein under the NASA Affirmative Action Plan for E.E.O. It will be the continuous responsibility of the committee to monitor, review, and evaluate Lewis' E.E.O. plans and progress.

Henry C. Barnett is chairman; William A. Egan is vice chairman; and Robert C. Kohl is secretary.

Other members of the committee include: James R. Braig, Raymond H. Davis, Charles D. Ferraro, Vernon L. Mays, Cleveland O'Neal, Easter M. Scott, Charles W. Slaughter, and Jesse L. Strickland.

Lewis Staffers Help Motivate Youth Through Vocational Guidance, Speeches

"I just might be a NASA man someday. Your show inspired me to think about my future. You and the other men looked very nice and put on a fine demonstration of Saturn V. Please come again soon."

So wrote fifth grader Tony Johnsen of the Mary B. Martin School in Cleveland. The enthusiastic letter had been prompted by his attending an assembly on the space program at his school, presented by two Lewis men, Jesse Strickland and Vernon Mays.

Such voluntary efforts of the Lewis staff, directed to school and other educational programs, is one of the more effective community approaches aimed at over-

coming the cultural deprivation of inner-city youth.

In the spirit of creating equal opportunity for the city's racial minorities, as outlined in the Center's Equal Employment Opportunity Program, this work is performed by some fifty Lewis volunteers, largely on their own time.

Career conferences, tours, and student tutoring are all programs designed to help youths understand the needs of their future employers, thus motivating them to better career opportunities.

Lewis has actively participated in career and speakers programs in past years. Recently, however, more emphasis is being given to

the inner-city schools where the need for guidance is particularly acute.

Perhaps someday little Tony Johnson will be an employee of NASA or working with another aerospace concern. At least while he's young, he is looking ahead. And there are 10,000 or more Tony Johnson's who were addressed by Lewis staff members during the past fiscal year throughout the Northeastern Ohio area. About half of these youngsters were in Cleveland city schools, the others in suburban and smaller community schools.

Lewis also supplies vocational information to guidance counselors and teachers, which has proved to be an effective way to reach students. Programs of this nature have included:

*Western Reserve University Community Resources Workshop on July 7, 1967, when staff members hosted and spoke with 30 teachers and counselors from the Greater Cleveland area schools. Discussed was the impact of present day technology on education and careers of the student, particularly the Negro.

*Lewis conducted workshops for sixty professional workers in a program for the Cuyahoga Welfare Economic Opportunity Center on April 17 and May 9, 1967. Emphasis was placed on the need for professional workers to up-date their skills in order to effectively assist young people.

*Staffers hosted a meeting of 100 school counselors from the Greater Cleveland area on February 16, 1967. The theme for the Northeastern Ohio Personnel and Guidance Association was "Impact of Aerospace Programs on Education and Guidance," the focus on careers for the non-college bound youngsters.

*An Apprentice Information Seminar was held on December 14, 1966 for 200 educators, government and labor officials.

Assistance to students, principally in the inner-city of Cleveland, is offered by about 20 Lewis employees in the form of tutoring. Subjects taught during the school year at established community centers range the gamut from French and English to the physical sciences.

The efforts of the Lewis volunteers are well repaid by the realization that they have done their best to help where help was needed. And what could be a greater reward?



Members of the Combined Federal Campaign team are, l.-r.: seated — Andy Benek, Ed Richley, Norm Musial (campaign chairman), Millie Hutchison, Willis Braun; standing — Chip Kelsey, Andy Cocoran, Bob Rosselli, Dick Tilton, Les Hinz, Bruce Leonard, and Bob Godman. (John Martin photo)

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CAREER COUNSELORS



Assisting in the education of our youth, many of these Center employees and others have served as counselors at the Clara Morris Work Study Program since its inception in 1965. See story on page 6. Shown are, from left: Jesse Strickland, project coordinator, Luke Wilkins, Evelyn Englander, Clyde Albergettie, Mary Hazleton, Bill Akins, Annie Easley, William Hyde, and Vernon Mays. Don Huebler, who snapped this photo, discussed his job too.



Students listen attentively to a counselor working in one of their areas of interest.



The Clara Morris Work Study Program offers students like these an opportunity to develop marketable job skills while earning their high school de-

grees. Career days, offered by Lewis and a number of other organizations, help provide them with direction.

Lewis Counselors Help

Students Find Proper Vocations

"Organizations like NASA have to be partners in the educational process of our youth," stated Dr. C. D. Ferraro, Lewis Placement Officer.

During the past several years Lewis has played a major role in helping to gel this partnership, particularly through career counseling.

Lewis is presently engaged in a series of four guidance programs at the Clara Morris Work Study Program, which is located at East 19th and St. Clair in Cleveland.

Clara Morris is unique. It's a school designed to give the 17 to 20 year-old high school dropout a second chance. There are some 250 students enrolled, and all have returned voluntarily to finish their education.

The day-long Lewis program at the school is voluntary too. Only those students interested sign up to participate and complete questionnaires on their career goals.

The program get underway with a general orientation for all of the students involved. The stage is set with an explanation of NASA's mission. Then each Lewis counselor meets in a separate classroom with those students interested in his field of work.

At the most recent visit to Clara Morris, nine Lewis counselors represented vocations ranging from apprenticeship programs and experimental electronics to library and clerical work; from mathematics and mechanical design and drafting to photography and art.

Over the course of an hour and a half, the speaker discusses a little of his own background and career preparation and a lot about the job he does. Discussion also centers on such related matters as appropriate dress and grooming, and how to conduct one's self in an interview.

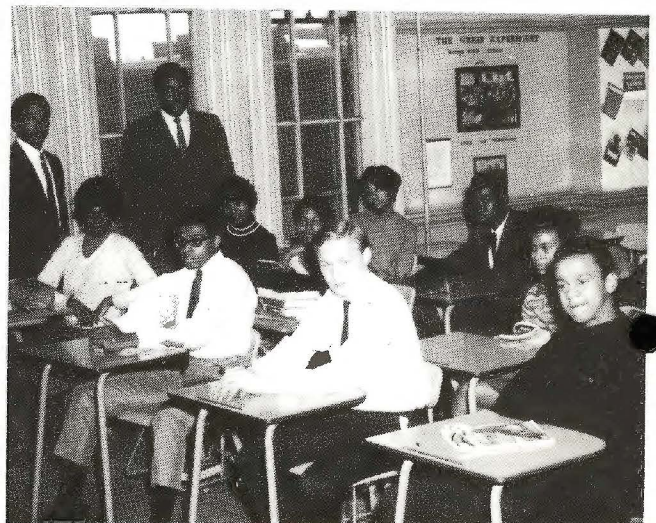
Each counselor holds a duplicate session in the afternoon to accommodate students who hold down jobs and have their classes later in the day.

The program has been extremely successful, according to Jesse Strickland, Facilities Engineering Division, who serves as Lewis' project coordinator and is also on the school's Advisory Board. He credits this to "the diligence and honest interest of our employees serving as counselors. Their supervisors and divisions chiefs have exhibited a strong spirit of cooperation which has made it possible for these employees to participate."

The guidance experience, supplemental but very relevant to the curriculum of study, gives students needed exposure to jobs, and hence, vocational direction. In addition, the job expert's advice is often perceived by the student as more meaningful — straight from the horse's mouth, as it were — than that given by the school's guidance counselors.

While the Workshop Program at Clara Morris is highly successful, that school is only one of a dozen others currently being helped by Lewis. For the past few years, according to Dr. Ferraro, "we have been concentrating our guidance efforts at schools in Cleveland's inner-city — but not to the neglect of others in the suburban communities."

Dr. Ferraro views these projects not as a recruiting effort for the Center, but as an effort "to help the schools prepare youth for jobs in our economy . . . Business, industry, government and the schools cannot work in separate fraternities. We all have a stake in the training of youth."



Luke Wilkins and Clyde Albergottie (in background) gave these students an insight into aerospace careers.



John Spezzaferro (upper right), director of Camp Cuyahoga, explains summer camp activities to members of the Equal Employment Opportunity Committee. Shown are, clockwise from left: seated -- Henry Barnett, Easter Scott, Clarence Forbes, Dr. C.D. Ferraro, Vernon Mays, Chuck Slaughter, Richard Ashbrook, Jason Arter; standing -- Starr Truscott, William Egan, Jesse Strickland, Spezzaferro, and Julian Earls. (John Marton photo)

Camp Cuyahoga Director Addresses Meeting Here

"All young people deserve an opportunity. Unfortunately, there are many who don't get it," says John Spezzaferro, guest speaker at last week's meeting of the Lewis Equal Employment Opportunity Committee.

Both Spezzaferro is doing something about improving the opportunities for the underprivileged. A former marine, coach and teacher,

he currently serves as director of Camp Cuyahoga. Located on part of the Hudson Boy's School land in Hudson, O., the camp was launched last year to give some 500 inner-city boys a two-week summer experience.

Camp Cuyahoga features a program of sports, arts and crafts, hiking on nature trails, fishing and even olympic competition to climax the two weeks of recreation. Funded by a grant from the Children's Services Division of the Ohio Department of Public Welfare, the Camp also supplies transportation and lunches for free.

Spezzaferro has plans to bring 800 boys and 400 girls to his camp next summer. But to do this, he says, he needs volunteers to help renovate existing structures and enlarge the general sports areas such as those for swimming and boating. Any employees interested in helping may contact Jesse Strickland, project coordinator, at PAX 3120.

Blossom Festival will help students

"Blossom Time in September" is the theme of a festival to be held at Blossom Hill School, 4400 Oakes Road, Brecksville, Sat., Sept. 27 from 1 p.m. to 9:30 p.m.

The festival chairman is Lewis staffer Jesse Strickland, who is using the artistic talent of students at Blossom Hill School, Cleveland Boys' School and several other community groups. Proceeds will be used to further the Student Recreation and Training Program at county youth institutions.

Highlight of the festival will be a Student Talent Show, with performances in the afternoon and evening. A midway display area has sale stands, educational films and student displays.

Dr. Betty Del Duca, Chairman of the Federal Executive Board's Women's Programs and a Lewis scientist, knows first hand of the activities at the Brecksville School. "Women in the Federal community volunteer for weekly visits to the school," she comments. "We take the girls to movies, concerts and other social events and help them to plan activities at the school. This first festival is the result of much effort on the part of the students."

There is no admission charge to the festival, but there is a midway charge and a \$1 admission fee for the talent show.





Student Crafts

BLOSSOM HILL School for Girls Supt. William Avery, right, shows Jesse Strickland some items made by school students which will be sold at the Blossom Time Festival Saturday, Sept. 28, from 1:30 to 9 p.m. on the campus, 440 Oakes Road, Brecksville. Proceeds will be used to establish a new vocational training program and to supplement the extracurricular program. Events will include a talent show, games, contests and movies.



Counselors left to right are Jesse Strickland, Clarence Forbes, Ruth Arnholt and Charles Slauter. Inset: Starr Truscott (left) and Richard Kimmey. Missing is Cleveland O'Neal. (John Marton photo)

EEO counselors aid staffers

A new plan by the Civil Service Commission to appoint counselors to aid in resolving discrimination complaints, celebrated its first birthday recently.

In keeping with CSC's directive, Henry Barnett, Assistant Director for Administration and the Center's

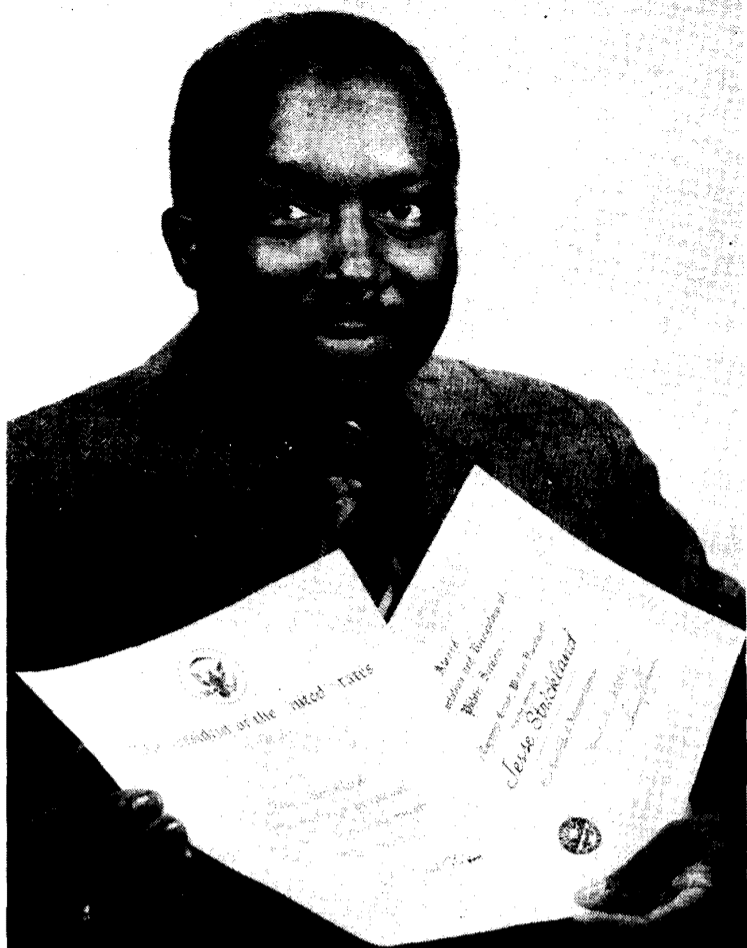
Equal Employment Officer, designated seven employees to be trained as counselors.

The counselors provide an open and sympathetic channel through which employees may raise questions, discuss their grievances, get answers, and, on an informal basis, resolve problems

connected with equal employment opportunity. Any employee, before filing a formal complaint, must seek out one of the counselors.

Appointed as counselors for Cleveland and Plum Brook are: Clarence Forbes, Assistant Personnel Officer; Jesse Strickland, an architect in the Facilities Engineering Division; Ruth Arnholt, Chief of Processing and Records Branch; Charles Slauter, mechanical model maker in the Fabrication Division; Cleveland O'Neal, chemist in the Physics and Chemistry Division; Starr Truscott, administrative specialist in the Administration Division at Plum Brook; and Richard Kimmey, engineer in the Reactor Division at Plum Brook.

Forbes has served as secretary of Lewis' Equal Employment Opportunity (EEO) Committee and is now monitor for minority statistics and coordinator of the EEO action plan. Strickland is active in a variety of human relation programs here as well as in his community. Miss Arnholt is currently president of the Lewis chapter, Business and Professional Women's Club. Slauter is vice-president of the AFGE Local 2162 and a former member of the EEO Committee. O'Neal is also a former member of the EEO Committee and has participated in numerous high school and college conferences organized to assist minority youths in career planning. Truscott is currently a member of the EEO Committee. Kimmey, as well as the others, received extensive training as EEO Counselors.



Jesse Strickland displays his commendation from the President and certificate from Cuyahoga County Welfare Association for his long and exceptional service to young people in the Greater Cleveland area. (Paul Riedel photo)

Youth leader honored for contributions

Jesse Strickland has been actively interested and concerned about the people of the community for many years and has recently been recognized for his efforts.

On Oct. 11 he was presented with an "Award of Appreciation and Recognition of Public Services" at an awards program held by the Cuyahoga County Welfare Department. On Oct. 13 he received a letter with a certificate of commendation from President Nixon. The letter stated that Nixon was "pleased to learn of your excellent record of service in a wide variety of educational and civic activities in your area, particularly your work with teen-agers."

Strickland became interested in volunteer work about 16 years ago and since then has worked in numerous programs. He has served as an advisor to the Title V Program, a federally funded special training program for welfare recipients. Under this program both men and women are trained in a vocation to help put them back into the work force and into self-sustaining positions.

He has served as an advisor to the superintendent of Blossom Hill and served two years as chairman of the Blossom Time Festival. Blossom Hill is a county-owned school for young girls between the ages of 12 and 18 who are victims of broken homes. Its purpose is to give the girls a pleasant environment in which to live and learn until they can either return to their homes or be situated elsewhere.

Strickland has also served as an advisor to the coordinator of County Welfare Schools, serves as an advisory board member of the YES (Youth Enrichment Services) Program for educable mentally retarded children; and as an advisory board member of the Cleveland Board of Education Work Study Program for high school dropouts.

At Lewis, Strickland is an architect in the Architectural Design Section of the Facilities Engineering Division. He and his wife, Joyce, have two daughters; Anita, who is married and lives in Michigan and Loreena, who is an airline hostess stationed in New York.

November 6, 1970

Notes of appreciation

Jesse Strickland, Architectural Design Section, Facilities Engineering Division, who is chairman of the Blossom Time Festival at the Blossom Hill School for Girls, wishes to thank the personnel of Lewis and other federal agencies that supported and worked for this very worthy cause. Even though the outside activities were called off because of rain, the festival still netted \$1700.00 for the girls' fund. The festival was held Saturday, Sept. 26 at the school in Brecksville.

December 17, 1971



Meeting with the Lewis EEO Counselors during their visit to Lewis were Robert E. King (seated left), Director of NASA's EEO and Contractor Compliance Office and Mrs. Ruth Bates Harris (second from left, seated), EEO Officer for all of NASA and deputy director to King. Lewis counselors are (seated): Richard B. Kimmey, Starr Truscott and Clarence R. Forbes. Standing left to right: Jesse L. Strickland, Rathuel L. McCollum and Charles W. Slauter. (Martin Brown photo)

NASA EEO head visits Lab

In her rounds of NASA field centers to learn first hand about their Equal Employment Opportunity (EEO) programs, Mrs. Ruth Bates Harris, newly appointed Deputy Director of NASA Equal Employment Opportunity Office, visited Lewis November 30. As

Deputy Director, she is responsible for directing the EEO program for all of NASA.

While here, she met with top management personnel, EEO Counselors, clubs, and ended her stay with an appearance before Lewis' EEO Committee.

Before the EEO Committee, she played the part of an avid listener and took notes while EEO members stated their opinions and recommendations on a wide range of EEO topics.

She sees training programs that are responsive to human needs as a major step in making the EEO program a reality. "These programs," she envisions, "should go beyond the superficiality of so many others and provide the sensitivity needed to make NASA people more people oriented since they have always been technically oriented."

Mrs. Harris earned a Bachelor's degree in business administration (with honors) from New York University and a Master's degree in personnel administration and industrial relations (also with honors) from NYU.

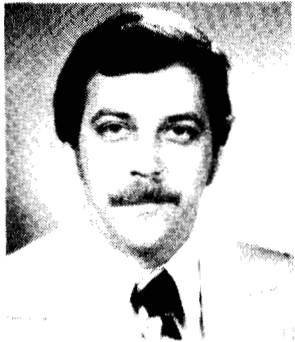
Before coming to NASA in October of this year, Mrs. Harris held a variety of positions. In 1958 she worked for the Washington, D.C. Urban League before accepting a position with the District of Columbia city government in 1960. In 1966 she was named to head the D.C. Human Relations Commission which had the responsibility of planning EEO projects for more than 40,000 D.C. Government employees in approximately 100 city departments.

Mrs. Harris moved from D.C. city government in 1969 to head the Human Relations Department of Maryland's Montgomery County Public School System.

She is married to an engineering consultant, and the couple and their four sons live in Washington, D.C.

Public learns of NASA Lewis through speakers...

(Continued from page 3)
350 women at Illinois State University during their annual Homemakers Extension Association state convention



Charles A. Sako



Ronald J. Schertler



Harvey J. Schwartz



Michael C. Seaver



Loretta M. Shaw



Preston L. Stamper



Jesse L. Strickland

at Bloomington, Illinois. All the many hours of research that go into a presentation are worthwhile when you receive a letter such as I did that said, 'At a time when fiscal realities are becoming more of a focus of United States citizens, we felt the understanding you brought concerning direct individual benefits derived from space exploration is important.'

Dr. Robert W. Graham's in-depth talk entitled, "God and the Universe," brings many requests from local church groups. Dr. Graham is both a scientist and a lay minister.

Robert Friedman has spoken to many industrial organizations. He has encountered his share of problems as well as pleasures during his 12 years as a speaker. "Not all programs go smoothly," he notes. A burned-out projection bulb, slides that stick in the projector, or a film that suddenly breaks in the middle of the program—these all bring brief panic for the speaker. However, most such slips are met with humor by the audiences.

James E. Burnett, Chief, Industrial Programs, comments: "The in-person presentation and availability of the speaker to answer questions are positive factors. The Speakers' Bureau is a very useful way of telling the public about NASA programs and about the many benefits of NASA's activities."

The applause, the thank-you letters and the recognition are very satisfying and are indications that our efforts are effective. Topics such as energy, satellites, aeronautics, space benefits and the ever popular manned programs—Apollo and now Space Shuttle—are constantly in demand. The many favorable letters we receive after presentations reflect the enthusiasm with which the audiences respond. A few quotes from these letters follow.

Indiana Society of Professional Engineers, Richmond, Indiana: "I received many fine comments from members and guests about Michael C. Seaver's presentation. The artifacts he brought along also drew strong interest. He gave us many facts about the space program that were new to us and he had his talk well documented with slides and material handed out to the members in the audience."

St. Bridget's Holy Name

Society, Parma, Ohio: "The explanation by Paul W. Laisure of NASA's function in research and development was especially enlightening. The main topic, involving space vehicles, was so well presented in laymen's terms, that he held the rapt attention of the audience. Our members felt it was one of the finest programs we have had this year."

St. Alexis Hospital, Cleveland, Ohio: "I speak for the entire medical staff in thanking Jesse L. Strickland for his informative presentation. None of us had any idea NASA contributed so much to our medical development and in countless other ways. Now, we will not wonder quite as much about how our tax money is used for the program."



At the podium is Marshall W. Dietrich, Project Manager, Thermal and Mechanical Storage Project Office.

Cub Scout Pack No. 243, Berea, Ohio: "Charles G. Moon seemed to know the age level very well and his informality and easy exchange with the students made his talk most interesting. They especially liked the movie on aircraft and many stayed on to ask him questions afterward, so you can see he held our interest."

The College of Wooster, Wooster, Ohio: "We found Harvey J. Schwartz's visit very exciting and many of the students have indicated how much they enjoyed the talk. I found myself learning a great deal about electric vehicles and many other NASA programs."

The Gorman-Rupp Company, Mansfield, Ohio: "Neel D. Fauber made an excellent presentation at our Foreman's Club dinner and his talk was the highlight of the evening. There were many favorable comments on his most interesting program!"

Kiwanis Club of East Elyria: "It was a pleasure to welcome David M. Herb with a program on space medicine. It is apparent that all of us as citizens have been benefiting from NASA's various programs in many ways and this program gave us an insight into the adaptations that have been applied from the space program to the medical world. It is obvious that Mr. Herb is well informed and is certainly an asset to your professional staff as an extension for public information and education."

The University of Toledo, Toledo, Ohio: "We wish to thank Ronald F. Kiessling for showing us the operation and performance of the Communications Technology Satellite. Needless to say, your seminar was both informative and interesting. It made a deep impression on us and I heard excellent comments from the audience."

The Elkhart Rotary Club, Elkhart, Indiana: "Without reservation I am very pleased to report that Harrison Allen, Jr., was a hit. His presentation was informative, interesting and certainly nothing could be more timely than a report on space."

A lot of work goes on behind the scenes in the preparation work before the volunteer speaker goes to the podium. They write their talks, select slides, models and films, and delve deeply into the many aspects of NASA. The speakers are a closely oriented group. Many have stepped in at a moment's notice and substituted for their fellow speaker when an emergency has made it impossible for the scheduled speaker to give the talk. They share their slides and information readily with new members and help each other with difficult subjects. Meetings are held where members are briefed by astronauts when the latter are visiting Lewis. A few speakers have been lost due to retirements. "We are always looking for new members to fill our ranks," Peggy said.

Many speakers appear on television and radio. TV and radio provide an enormous audience. The electronic media gives a little more opportunity for the speakers

to "show and tell" about where they work, what they do, what NASA is doing and will do.

Speakers have traveled far and wide in service to the Center. Some of the members still talk about their NASA-sponsored trip in the NASA airplane to Cape Kennedy where they viewed an Apollo launch and toured the Cape as guests. It is hoped that a trip to view the Space Shuttle will be made in the near future.



Robert L. Summers



June C. Szucs



William J. Waters



Del B. Zatroch



Francis J. Zubricky





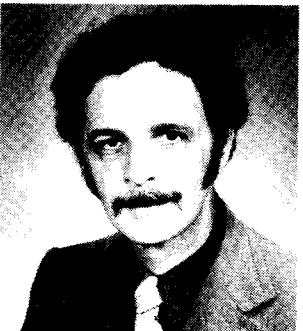
Lewis speakers carry Center's



Genevieve M. Esgar



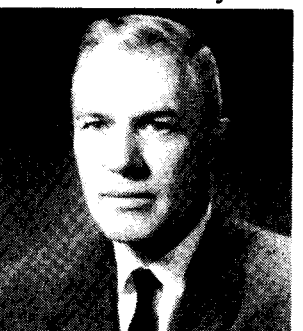
Neel D. Fauber



Sandford F. Felder



J. Stuart Fordyce



Paul E. Foster



Thomas A. Fox



Robert Friedman



Harrison Allen, Jr. (left) and Sanford F. Felder, both of the Technology Utilization Office, review merits of protective clothing developed from the space program.



Checking on medical "spin offs" through NASA technology are Loretta M. Shaw (left), V/STOL and Noise Division, and June C. Szucs (right), Procurement Division.



Clifford C. Crabs, test pilot, is well qualified to talk on research aircraft.



Michael C. Seaver (left), Technology Utilization engineer, and Paul E. Foster, Technology Utilization Officer for the Center, view NASA heat pipe technology used in energy saving devices.



Audiences enjoy seeing the Moon rock shown with Del B. Zatroch, Office of Environmental Health, and Louis R. Revnyak, Materials and Structures Division.



A program to educators on the Communications Technology Satellite (CTS) is planned by Ronald F. Kiessling, Head of the Advanced Systems and Spacecraft Testing.



Robert W. Graham



David M. Herb

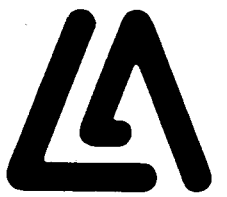


Jarman G. Kennard

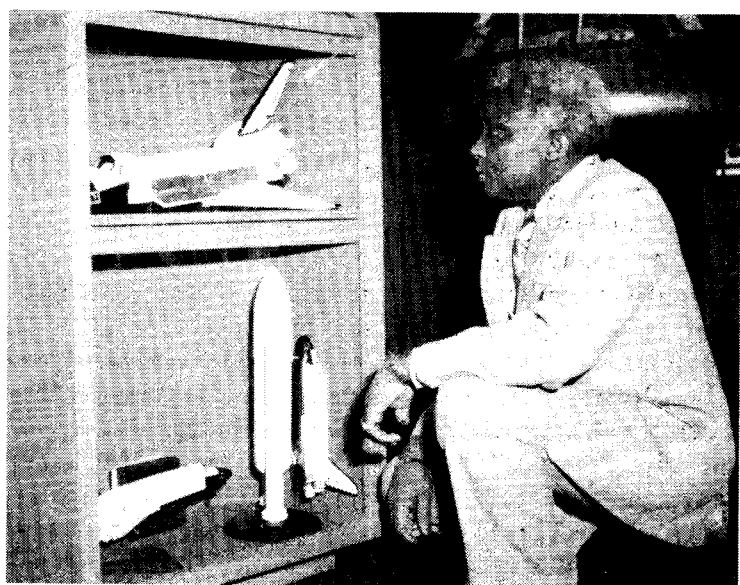


Ronald F. Kiessling

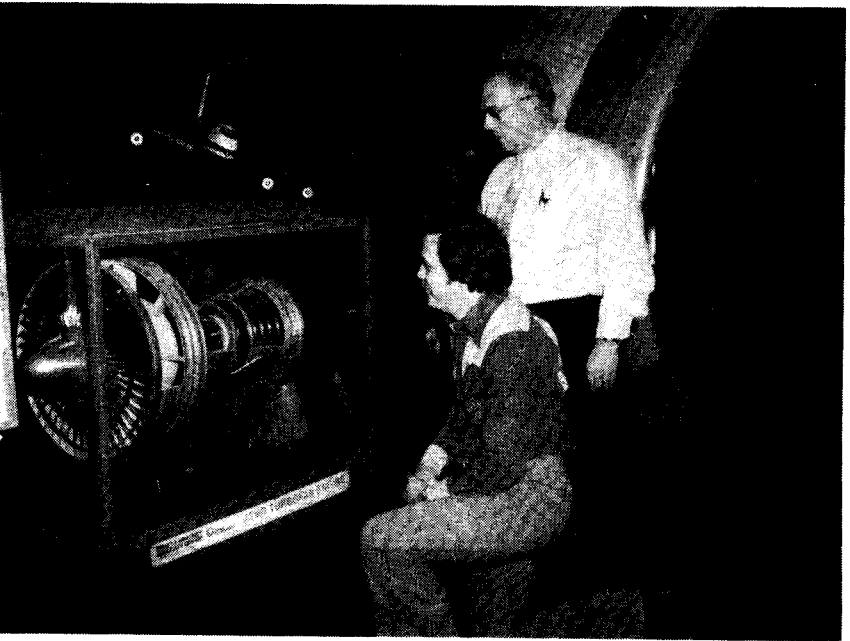
efforts throughout midwest...



Energy for future use is discussed by Dr. J. Stuart Fordyce (left), Electrochemistry Branch and Robert Friedman, Airbreathing Engineering Division.



Models of the Space Shuttle are frequently used by Jesse L. Strickland, Architect/Project Manager, Facilities Engineering Division.



Work on power plants, wind tunnels, noise abatement and fuel saving is supervised by Charles A. Sako (left) and Frank J. Zubricky, both of the Technical Services Directorate.



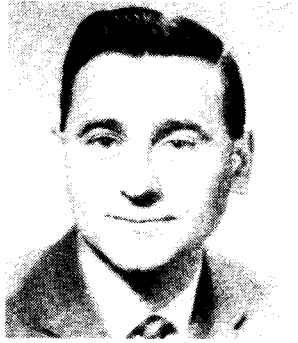
Peggy Kromer will carry lunar sample when Ronald F. Kiessling tells the historic story of the Apollo Program.



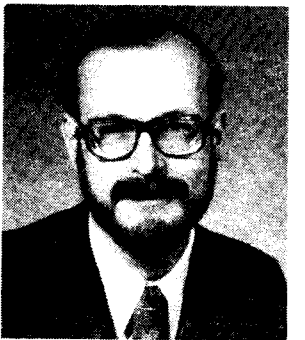
M. Herb, Construction Representative, Facilities Engineering Division, presents a model for illustration during a talk on aviation today and tomorrow.



Reflecting back on Gemini, one of the popular NASA manned programs, are Charles G. Moon (left), Contract Engineering Section and Earl T. Bloam (right), Engineering Design Division.



Louis A. Povinelli



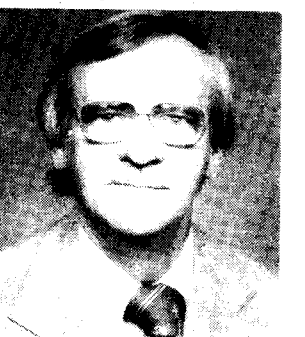
Charles A. Raquet



Oliver W. Reese



George A. Repas



Louis R. Revnyak



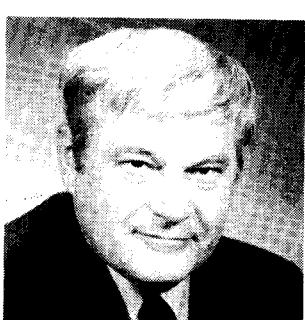
Ernest Roberts, Jr.



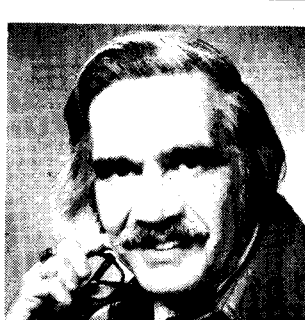
Paul W. Laisure



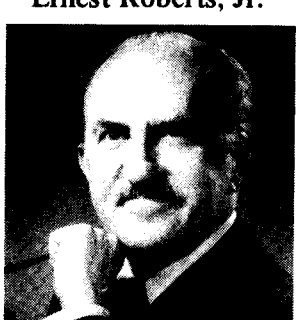
Joseph A. Mills



Charles G. Moon



Robert E. Oldrieve



Wojciech Rostafinski

Meet Lewis Speakers

BY NAZHA 'NICKIE' FADIL

Jesse L. Strickland, a senior architect at Lewis, was influenced to pursue that profession by his father, who was also an architect.

"It is the only profession that touches the lives of every human from birth to death," says Jesse, who has designed many of the buildings at Lewis and Plum Brook, as well as buildings for the Cleveland Board of Education.

Therefore, it comes as no surprise that during his speaking engagements for Lewis Jesse expounds on the future of architecture and its impact on the colonization in space.

In addition to his architectural duties, Jesse is the automated specifications manager for Lewis and is responsible for implementing construction specifications for computer hardware and software systems.

He also serves on a five-member NASA team which works with Headquarters officials to implement the construction specification systems throughout NASA.

Interest in community affairs has always been high on Jesse's list of priorities. He serves as an advisor to



JESSE STRICKLAND

the Cleveland Board of Education; is vice president and member of the board of trustees of the Youth Enrichment Services of Cuyahoga and Lake Counties; and many others.

When he isn't performing his duties for Lewis or dashing to a community meeting, Jesse can usually be found preparing Early American or French dishes. He also finds golfing and bowling just as relaxing as cooking.

Wife, Carol, who is a registered nurse, participates in some of Jesse's hobbies. However, she and Jesse also spend many hours with their son, David. Two other children, Loreena and Anita live away from home.

Lewis Speakers Give Public A Window To World Of NASA

By Jim Francescangeli

In today's electronic world, when we talk about communicating we often think of computers, satellites, and other advanced systems. Despite the many benefits of such systems, the face-to-face presentation remains a very effective and influential means of sharing information.

The in-person presentation is the key to the success of the Lewis Speakers Bureau in sharing aerospace-related information with the public and helping tell the NASA story.

The Speakers Bureau Program is an activity of the VIC, managed by the Bionetics Corp., under the supervision of the Educational Services Office. An effort almost as old as Lewis itself, the Speakers Bureau has grown in response to the public's demand to hear more about Lewis research and technology programs. Today, the bureau has nearly 60 members who by September had given some 280 presentations to a total audience of 32,000 people.

Each day, the VIC receives requests for presentations on a broad range of Lewis-related topics from all kinds of clubs, societies, associations, and religious groups throughout Ohio, Illinois, Indiana, Michigan, Minnesota, and Wisconsin. For special requests, speakers will occasionally travel outside this six-state region. One speaker went as

far as Alaska, at the request of the "Ninety-Nines" women pilot organization.

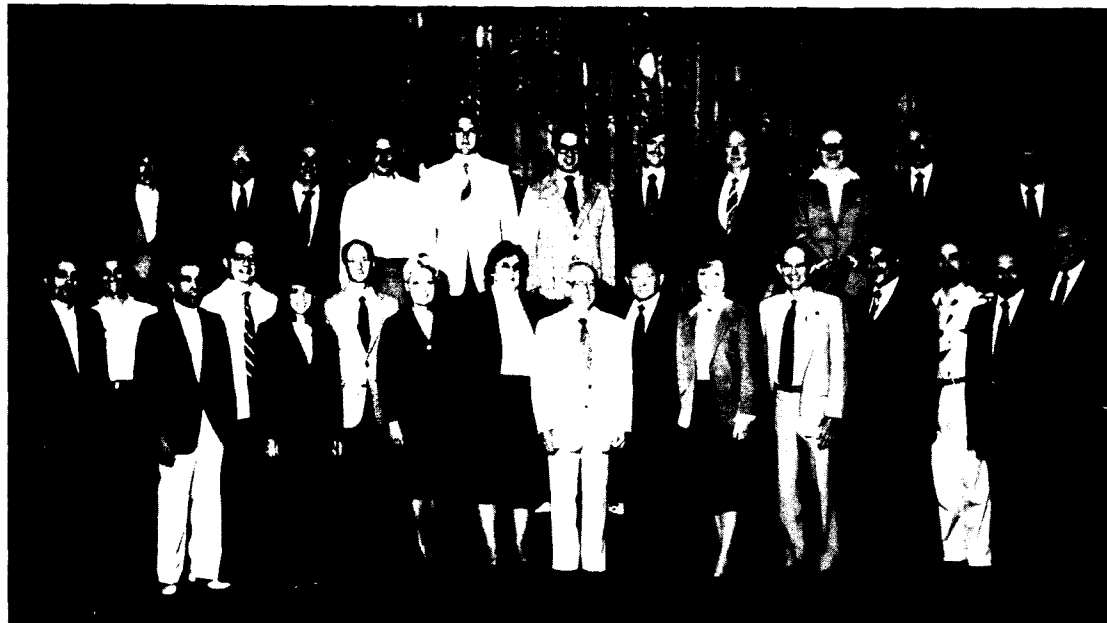
"Our speakers come from all disciplines—engineers, secretaries, branch chiefs, contractors and retirees," explains Pat Hannan, bureau coordinator. "Basically, they are people willing to share with the public what they have learned from their work here."

For the most part, speakers are matched with incoming requests based on their availability and "areas of expertise," from aeronautics and space exploration to educational topics and careers.

"Our program is tailored to accommodate both our requesters and our speakers," explains Hannan. "Speakers can be kept as busy as they wish. Some enjoy speaking five days a week, while others prefer one or two programs a month."

Speakers are assisted in obtaining the information and materials they need to prepare their presentations. They may also use thousands of slides stored in the Teacher Resource Room, as well as a variety of films and demonstration "props" used in VIC educational programs.

Recently, 33 active speakers received specially designed pins for their significant contributions to the Speakers Bureau Program. Top speakers honored for having made a high number of presentations were: Frank DeAngelo and Dave Herb, with 50 presentations



From January to September, Speakers Bureau volunteers gave 280 presentations to a total audience of more than 32,000. Some of the Speakers Bureau volunteers are shown above.

Back row: (left to right) Pat Hannan, Bert Rostafinski, Bill Mason, Steve Riddlebaugh, Bob Zurawski, Bill Klein, Dave McKissock, Roger Luidens, Jerry Kennard, Bob Friedman, and Bill Wildenhein.

Front row: (left to right) Ben Rodriguez, Craig Williams, Vincent Lalli, Ron Schertler, Anne Jones, Ron Sepesi, Del Zatroch, Judith Olson, Bob Graham, George Repas, Loretta Shaw, Jim Diedrich, Frank DeAngelo, Marc Millis, Jim Francescangeli, and R. Lynn Bondurant.

Speakers not shown: Harrison Allen, Cosmo Baraona, Earl Bloam, Jim Blue, Jim Burnett, Jane Cochran, Bill Crell, Annie Easley, Doris Ferror, Hiren Ghose, Dave Herb, Tim Hogan, Sue Johnson, Al Juhasz, Ron Kiessling, Tom Kirkland, Marge Lehky, Todd Peterson, Bill Richardson, Jim Rogers, Kurt Sacksteder, Cathy Schuld, George Scott, Harlan Simon, Jesse Strickland, June Szucs, Sandy Walters, Bill Waters, and Jane Warner.

each; Jessie Strickland with 47; Bill Crell and Sandy Walters with 46 each; and Ron Kiessling with 45.

But it's not just the number of presentations that's impressive—it's the audience response, too. One person wrote: "It was surprising to learn about the many research and technology programs Lewis is involved in, and to realize how many things we

take for granted that were developed through the space program."

Speakers list their own rewards from participating: using creative skills to prepare presentations for diverse audiences; keeping abreast of Center activities, especially those outside one's area of work; and knowing that they're helping people more fully appreciate how Lewis pro-

grams benefit humankind.

"The Speakers Bureau is the Lewis personality which interacts very well with the public," says R. Lynn Bondurant, Jr., chief, Educational Services Office.

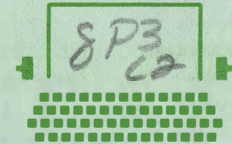
Membership in the Speakers Bureau Program is open to Lewis employees, contractors, and retirees. For more information, contact Pat Hannan (3-2003).

LAKE/GEAUGA WATCH

NASA speaker to discuss 'Life Beyond Earth'

"Life Beyond Earth" will be discussed by Jesse Strickland of NASA's Lewis Research Center at 1 p.m. tomorrow at the St. Alexis Guild Hall, 5115 Fowler Ave., adjacent to St. Alexis Hospital Medical Center. "There are no answers now to exactly how our bodies will evolve as we adapt to living in space colonies of the future," Strickland said.

green sheet



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JESSE, JUBLILEE, JACOBS AND JUMBLE

JESSE STRICKLAND, retired NASA architect and project manager, will speak about NASA's plans for space colonies, "Life Beyond Earth: Genesis II," in an open lecture on Oct. 12, at 4 p.m. in Lecture Hall, Rm 100. Host is the Purdue School of Engineering and Technology, Minority Engineering Advancement Program (MEAP). Students are encouraged to attend. Staff and faculty are welcome.

A JUBILEE concert of Hoagy Carmichael's music is part of a hummer of a homecoming planned at I.U. Bloomington. The Indianapolis concert is Oct. 18, one at Bloomington is Oct. 20. Tickets are still available. Call 638-6795.

ANDREW JACOBS, congressman, will speak prior to the Sunday worship service of the Catholic Campus Ministry on Oct. 14 at 5:30 p.m. in Lecture Hall 104, on the subject of discussion of religion and politics, the same topic as Rev. Jeff Godecker's homily. Students, staff and faculty of all faiths and opinions are invited. Call 632-4378.

A JUMBLE of activities are planned for campus: The Annual Sigma Xi reception for graduate students in the sciences is Oct. 3, 3:30 - 5:00 p.m., Fesler Hall, Rm 319

LIBERTY TAKEN, a revised play written by I.U. grad Ron Dye plays at the Mary Cable building theater, Sept. 28-29, 8 p.m. Tickets at the door and at the natatorium. Famous

CHINESE ACTOR, Ying Ruocheng, will make a informal appearance on campus on Oct. 2, 3-4:30 p.m. in the Mary Cable Building, Rm. 002. All interested persons are invited to meet the man who played Emperor Kublai Khan in the NBC-TV film epic "Marco Polo," and who gained fame in China for his portrayal of Willie Loman in "Death of a Salesman." Call Dell Pacheco for more--632-SHOW.