Learning Disabilities of Many 'Normal' Children Described in Monograph

A monograph stressing the research that is being done in central processing dysfunctions was published by NINDS in collaboration with the National Society for Crippled Children and Adults, Inc., a voluntary health agency.

Normal children with trouble assimilating information may be suffering from any of a number of conditions involving central processing dysfunctions.

They are not mentally retarded, brain damaged, emotionally disturbed, deaf or blind. However, little is known about effective diagnosis and treatment of such dysfunction.

Because of this there is small chance that the youngsters will enter educational programs that are appropriate for their needs.

The monograph—the third in a three-part project—summarizes the diversity of knowledge on the subject and describes how to interpret the symptoms and treatment options available.

(See MONOGRAPH, Page 7)

'Artificial Gut' for Intravenous Feeding Helps Patients After Abdominal Surgery

An "artificial gut" system has been devised that can provide temporary or continuous intravenous feeding for people whose intestinal tracts are incapable of absorbing solid foods.

Experiments show that the device will be most useful in patients with little intestine remaining after abdominal surgery, and in those with severe intestinal disorders.

Dr. Belding Scribner, University of Washington, headed the team of scientists that developed the unique system. Their work was supported by the National Institute of Arthritis and Metabolic Diseases.

Prior to this discovery problems of effective long-term access to appropriate blood vessels had negated attempts to provide prolonged intravenous feeding.

Dr. Scribner is a pioneer in the field of artificial kidney research. He had introduced the use of permanently implanted, connected plastic tubes in an artery and vein of the forearm of patients with impaired or lost kidney function.

This permitted them to be connected repeatedly to artificial kidney machines without resorting to surgical procedures prior to each treatment period.

The new artificial gut employs this so-called “arteriovenous shunt” to introduce specially devised liquids.

(Continued on Page 7)

35 Employees to Receive DHEW Awards on June 29

Thirty-five employees will receive Departmental awards from Dr. Robert Q. Marston, NIH Director, next Monday, June 29, at 2 p.m., in the Jack Muris Auditorium, NIH Building, next Tuesday, June 30.

The awards at the Second NIH Annual Honor Awards Ceremony are: the DHEW Superior Service Award, the DHEW Meritorious Service Medal, and the DHEW 40-year Length-of-Service Award.

Employees are invited.

New Movie Dramatizing Impact of NIH Programs Previewed for Employees

A young boy's fight for life dramatizes the NIH story in a film, "To Seek, To Teach, To Heal," which will be previewed for employees in the Jack Muris Auditorium, Clinical Center, next Tuesday, June 30.

The 28-minute, color motion picture may be seen at 11:30 a.m., 12:15 p.m., and 1 p.m.

The film reveals how NIH research, education, and training programs—through great medical centers, medical schools, and other institutions—make better medical care possible.

It also stresses how these programs touch the lives of people throughout the country.

The movie was filmed at NIH, in Chicago, Los Angeles, and Minneapolis. It was produced for the NIH Office of Information by Charles Guggenheim Productions, Inc. of Washington.
Regina C. Hunter Retires, First Nurse Assigned to Post at CC Admissions

Marine Band Gives Concert For CC Patients June 25

Ten Candidates Selected For Computer Training Under NIH Merit Plan

NIH Televison, Radio Program Schedule

R&W President Benjamin Fulton, NICHD (left), congratulates Lawrence Showkeir, NlAMD, who won a portable TV at the Association’s annual meeting on June 10. Mr. Showkeir was one of seven R&W members who won door prizes.
Fad Diets Are No Cure For Obesity; Dr. Burton Suggests Small Portions

A warning against the long-range futility of "fad" diets was voiced recently by Dr. Benjamin T. Burton, associate director for Program, National Institute of Arthritis and Metabolic Diseases.

Dr. Burton was interviewed on PANORAMA, a Metromedia TV program shown on channel 5.

Except in a minority of cases with insulin abnormalities, "is it involved," Dr. Burton said, "weight reduction depends essentially upon "balancing the books," so that caloric intake is adjusted to the caloric energy requirements of the body.

Results Only Temporary

Various diets can give temporary results quickly, he pointed out, but obese individuals cannot be "cured" of overweight unless they take long-term responsibility for disciplining their own appetites.

The scientist suggested that the moderate dieter eat the foods customarily enjoyed, but to cut down on the portions.

Dr. Burton is the author of a textbook on nutrition.

Luther Holland's On-the-Job Training Pays Off; Awarded Honors Certificate

Luther C. Holland has his honors certificate propped up modestly on a desk cluttered with books, papers, and all the rest of the paraphernalia of a busy supervisor of animals. Most people would have had it framed and hanging on the office wall.

Mr. Holland is in the Rodent and Rabbit Production Section, Laboratory Aids Branch, Division of Research Services. And he has the unique distinction—along with one other NIHers—of having been certified a Master Animal Technician by the American Association of Laboratory Animal Science, an organization dedicated to the care and maintenance of research animals.

The other employee who received that honor—in 1966—is Samuel M. Folley, head of the Genetics and Animal Production Section, National Cancer Institute.

Back in 1963 Mr. Holland graduated from Hampton Institute with a B.S. in Animal Husbandry. But school didn't stop there.

It was after he came to the reservation from the U. S. Department of Agriculture that the rest of his schooling began in earnest.

"When I came for my interview I was told about the on-the-job training. It has been invaluable. If you're going to supervise something you should know how to do it yourself." And he found out how.

"I put on my blue coveralls and worked as an animal husbandman and trainee for a 2-month period in every animal area; it came to 16 months of training," Mr. Holland stated.

Mr. Holland also went to school at Walter Reed to get both his junior and senior technician diplomas. Each was a 6-month course.

"I went to school one night a week for book-learning, working with animals, and listening to lectures."

But for his latest certificate he didn't have to go to school. All he had to do was to take a 4-hour exam!

"What counted here was not only what I found out from books, but the practical experience—that's what I got here, right on the job."

Coin Tossing No Help

"I answered essay type questions. There were no true, false or multiple choices. I couldn't guess or toss a coin. I wasn't sure of one or two questions, I was in doubt, but I tried."

"That's some of the fruits of this training at NIH, you don't forget. Even now when we're short of help, I'll go down and pitch in."

In fact, that afternoon, he and his supervisor, Richard L. Pierson, were leaving their paper-work to inoculate strain 13-inbred guinea pigs against a form of bronchial pneumonia.

Mr. Holland said that he feels that "the animal caretakers are the backbone of this section."

"I learn from them, they are with the animals everyday, I still seek their advice. Just because you have a degree doesn't mean you know everything. In the course of a week I try to see and talk to every one of the animal caretakers in my section."

A number of them, he said, have taken the reading and writing courses that are given on the reservation, and all were enthusiastic students.

Questions that required in-depth answers were the type Mr. Holland had to contend with for the 4-hour AALAS exam. He passed with flying colors and is now certified as a Master Animal Technician. He is the second on the reservation to receive that title.

Columbus Jackson, a housekeeper in the Environmental Sanitation Control Department, receives a beneficial suggestion award and a check from John Summerour, ESCD labor foreman. Mrs. Jackson made time-saving suggestions that improved storage space, made for a neater appearance, and saved time for other ESCD employees.

Coin tossings of throw-a-cross didn't help.

(See MR. HOLLAND, Page 7)
Novels, plays, biographies, books on sports—in fact books on every conceivable subject, fitted into easy to reach shelves, help patients to while-away a rainy day.

If a CC patient cannot go to seek recreation—recreation will go to the patient. Arnold Sperling, PAS chief, proves that point. He challenges a non-ambulatory patient to a game of wit of which they are both past-masters.

Patients who perhaps never thought they could paint, weave, sew or master other nimble-fingered arts are now doing, in some cases, award-winning work under the expert tutelage of CC occupational therapists.

Joyful sounds of children receiving gifts from Santa Claus, and holly and mistletoe are strewn all over—a usual happening in December. But in July? Yet, this is what occurs twice a year.

The CC Patient Activity Section, staffed by people with a beehive of ideas, is where the action starts humming, and eventually builds up into a crescendo of party plans that would do credit to any social circuit.

The office of Arnold Sperling, chief of the Section, reveals a large stuffed rabbit standing in the corner, and games and paintings are on the table.

There's a sign on Mr. Sperling's desk, from a former patient, that is most apt: Therapeutic Recreation, An Oasis of Entertainment in a Desert of Boredom.

Recreation programs must consider numerical, intellectual, medical, and sociological differences within the CC patient population. Also, limitations imposed by research studies must be considered. Activities often must be planned around I.V. (intravenous) bottles, metabolic restrictions, urine collections, wheelchairs, and bulky bandages.

Mostly, there are separate schedules for adults and children.

Adult programs feature hobby craft, music and drama, and adapted sports. Also, movies, dances, concerts, off-reservation sightseeing and theater trips, and fashion shows.

Children's activities include games, arts and crafts, parties, music, and adapted sports.

Patients, both adults and young ones, who require bedside recreation are not forgotten. PAS has also planned events for them.

Perhaps most outstanding of the activities are those "special" events planned for each season.

Patients Vie for Prizes

In the spring, there is an Easter Hat Contest. Patients create original chapeaus and prizes are awarded to winners. There is Easter egg dyeing and an Easter egg hunt.

Washington area sightseeing tours for the patients include a trip to the Cherry Blossom Festival. There is also an "April in Paris" dance and the annual Spring Folk Dance Festival.

Summer is the time for the outdoor Patients' Carnival. Volunteers from the local area Red Cross Hospital Volunteers, and CC staff...
members help with preparations and man the game booths.
Others who make the affair a success are the DRS electricians, carpenters, and grounds maintenance employees.
Patients also enjoy concerts by U.S. military bands. Even fishing trips—to the Poolesville pond—are arranged.
Highlighting the fall season are weekly sightseeing trips, Halloween—with Trick or Treat Night for young patients and a Masquerade Ball for the adults—a Thanksgiving Dance and the children's annual Turkey Hunt.
Winter drives activities indoors, but there is no reduction in tempo. A Patients' Winter Carnival is held in the assembly hall. Adult patients enjoy dancing to live music at the "Snow Ball."
Before Christmas, a special program of recreation and entertainment is presented, winding up with New Year parties for both young and old.
Throughout the year, adults may attend current movies twice weekly and children's movies are shown once weekly.
The 5,400-volume Patients' Library would make a bookworm envious. It offers reading matter in all categories including the latest books and current periodicals.
Library shelves are designed to enable wheelchair patients to reach books without aid.
Other PAS facilities include a completely equipped gymnasium, solaria, an assembly hall with a piano and organ, two sundecks, an outdoor playground with a croquet court and horseshoe pit, tennis courts, and a ball diamond.
In addition, PAS has a Lending Service. Patients may borrow tape recorders, record players, slide projectors, typewriters, guitars, autoharps, and bicycles for campus riding.
Although patient participation is voluntary, statistics show that over 50 percent of all CC patients become involved with the PAS recreation programs.

All Pitch in for Program
Closely working with the small PAS staff to make this recreation program work are volunteers from nearby communities, and the therapists, social workers, nurses and other members of the CC patient care team.
Summer, winter, spring and fall, it may be truly said that the CC Patient Activity Section offers recreation for all seasons.

Downtown Arlington sightseeing not to see
Henry T. Cram to Head Allied Health Facilities, New Branch in DERF

Henry T. Cram has been appointed chief of the Allied Health Facilities Branch — the newest of five branches in the Division of Educational and Research Facilities, BEMT.

The appointment was announced by Dr. Harry W. Bruce, Jr., Division Director.

Mr. Cram has been serving as deputy chief of the Division's Physician Education Facilities Branch. He will direct the matching grants construction programs to build and expand facilities to train students in health professions disciplines.

These include the fields of pharmacy, optometry, podiatry, public health, veterinary medicine, and allied health professions.

Mr. Cram received his B.S. degree from the University of Oregon.

He served in personnel and administrative positions involved in construction programs of the U.S. Corps of Engineers in Oregon and Washington, and the U.S. Navy in Alaska.

Mr. Cram joined the PHS in Alaska. He transferred to NIH in 1961.

He also held posts in the Bureau of State Services and the Division of Physician Manpower, Bureau of Health Manpower.

Dr. Whiting Appointed To Child Health Council

Dr. John Whiting, professor of Social Anthropology at Harvard University, has been appointed to the National Institute of Child Health and Human Development Advisory Council.

His 4-year term begins July 1.

He is the author of Becoming a Kowma: Teaching and Learning in a New Guinea Tribe and Child Training and Personality.

Innovations at NIH Library Facilitate Use of Material; Weekly Tours Planned

The face-lifting of the NIH Library in the Clinical Center, Bldg. 10, is completed except for some further improvement of the Library Copy Service; this will be carried out in the next Fiscal Year.

Publication Lists Support Of Grants, Construction, Med. Library Resources

A new volume, one of a 4-part series, listing NIH support of training grants, construction, and medical library resources was recently published.

The document, Part II, Public Health Service Grants and Awards, Fiscal Year 1969 Funds, also includes tables incorporating NIH research projects listed in Part I, which was published earlier.


Single copies are available free to editors from the Information Office, Division of Research Grants, NIH, Bethesda, Md. 20014.

R&W Election Will End On Thursday, June 25

Representatives of the NIH Recreation and Welfare Association are distributing ballots for five elective positions to all R&W members.

Winning candidates will serve on the Association's Board of Directors.

Completed ballots should be returned to the representatives or to places designated on the ballot instructions.

The deadline for voting is Thursday, June 25, at 4:30 p.m. Any ballots delivered after this time will not be counted.

Dr. Marilyn K. Hutchison Participates in Technical Talks at WHO Assembly

Dr. Marilyn K. Hutchison, assistant director, Division of Physician Manpower, BEMT, was one of 14 representatives who took part in the technical discussions of the World Health Assembly, WHO, in Geneva, Switzerland.

The conference, held in May, marked the 25th anniversary of the UN and the 23rd meeting of the Assembly.

Technical discussions focused on Education for the Health Professions—Regional Aspects of a Universal Problem.

On her return, Dr. Hutchison

Dr. Hutchison took rooms of notes at the meeting, and also found time to discuss conference proceedings and exchange ideas with many of the foreign scientists.

In addition both conference aims and the opportunity to discuss medical manpower problems with physicians from other countries.

Surg. Gen. Jesse L. Steinfeld was chief U.S. delegate to the meeting. Other delegates included Dr. Paul Ehrlich, Director of the Office of International Health, PHS, and Idar Rimestad, U.S. Ambassador to Switzerland.

Dr. Diefenbach

(Continued from Page 1)
Theodore H. Moller Dies Following Heart Attack: Was Biomedical Engineer

Theodore H. Moller, 48, a biomedical engineer with the National Institute of Arthritis and Metabolic Diseases, died June 2 following a heart attack at his home.

Mr. Moller was a project officer for biomedical engineering aspects of the Institute’s Artificial Kidney Program.

Prior to joining NIAMD in November 1967, he served as chief of the Training Grants and Fellowship Program of the National Center for Air Pollution Control.

Previously Mr. Moller had conducted research in biomedical engineering in the Department of the Navy’s Bureau of Yards and Docks.

He had also worked for the Massachusetts Public Works Department and for the General Electric Company.

During World War II he served as an engineer with the Army Air Corps.

Mr. Moller received his B.S. degree in Chemical Engineering from Northeastern University in 1949.

He belonged to several scientific organizations, and had published a number of papers on biomedical engineering.

Mr. Moller is survived by his wife, Winifred, and three children, James, 18, Diane, 14, and Richard, 8, all of the home address, 11913 Cloverhill Drive, Silver Spring, Md.

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Hilah Thomas Receives Trophy for Civic Service

Hilah Thomas, a science writer at the National Institute of Dental Research, received The Evening Star Trophy from the Montgomery County Civic Federation on June 8 for “her outstanding service” to the county.

Mrs. Thomas, a member of the federation since 1962, has served as recording secretary for the last 7 years.

Her minutes of federation proceedings were cited as “unifying, effective, influential public documents.”

The trophy, a silver cup, is donated by the Star, but the recipient is selected by the federation.

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CC Reports Blood Donated By NIH Employees in May

The Clinical Center Blood Bank reports that 321 units of blood were received from NIH donors in May, and CC patients received 1,429 units.

Six donors achieved a special status. Dr. Leonard L. Mintz, NIMH, and Kenneth Mitchell, ODA, attained the 2-gallon mark.

New Gallon Donor Club members are Stephen J. Lakner, BEMT; Herbert W. Horrell, DRS, and Virginia G. Moxley and Dr. Fred H. Bergmann, DRS.

Dr. James P. Steele Named to NIGMS Nat’l Advisory Council

Dr. James P. Steele has been appointed to the National Advisory General Medical Sciences Council. He will serve through Sept. 1973.

Dr. Steele is professor of Radiology at the University for the South Dakota School of Medicine and Director of the Department of Radiology at the Sacred Heart Hospital, Yankton, S. Dak.

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Dr. Joseph A. Gallagher Is Retiring From BEMT

Dr. Joseph A. Gallagher has been appointed vice chancellor for Health Planning in the University of Texas System.

Dr. Gallagher, Assistant Surgeon General and Deputy Director of the Bureau of Health Professions Education and Manpower Training, is retiring from the Public Health Service on July 1.

He received his M.D. degree from the University of Colorado School of Medicine in 1948, and served an internship in the Public Health Service Hospital in San Francisco the following year.

After a few months in private practice, he entered the Public Health Service.

Dr. Gallagher has held posts at federal health installations in Miami, Fla.; Savannah, Ga.; St. Louis, Mo.; Staten Island, N.Y., and Anchorage, Alaska.

From 1962 to 1964 he was medical director of the Peace Corps.

Dr. Gallagher has been Deputy Director since January 1967.

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Dr. Gallagher received the Meritorious Service Award of the Public Health Service in June 1969.

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MONOGRAPH

The first monograph is available from the NINDS Information Office, NIH, Bethesda, Md. 20014.
Latest Participants in NIH Visiting Scientists Program Listed Here

6/1—Dr. Yoon Sang, Cho-Chung, Korea, Tumor Pathophysiology Section. Sponsor: Dr. P. M. Gullino, NCI, Bldg. 37, Rm. 4B03.

6/1—Dr. Ashwani Malhotra, India, Drug Development Branch. Sponsor: Dr. John S. Driscoll, NCI, Bldg. 37, Rm. 6D24.

6/2—Dr. Maria Straub, Hungary, Clinical Endocrinology Section. Sponsor: Dr. Robert L.Perlman, NIAMD, Bldg. 10, Rm. 8N26.

6/5—Dr. Petko Uzunov, Bulgaria, Lab. of Preclinical Pharmacology, St. Elizabeths Hospital. Sponsor: Dr. Erminio Costa, NIMH.

6/8—Dr. Alberto Chersi, Italy, Lab. of Immunology. Sponsor: Dr. Rose G. Mage, NIADD, Bldg. 10, Rm. 11D07.

6/8—Dr. Kazuo Hara, Japan, Lab. of Perinatal Physiology. Sponsor: Dr. Ronald E. Myers, NINDS, 106 Auburn Bldg.

Express Busses From Cardozo Area to NIH Offer Low Fares, Nonstop Service

NIH has arranged for the Capital Flyer bus—Route 0-7—to stop outside the reservation on Rockville Pike. This bus provides low cost transportation and may be an inducement for more inner-city residents to apply for positions here.

The Capital Flyer is a low fare, nonstop express bus which runs between 10th and U Streets, N. W.—the Cardozo area—and E. J. Korvette's in Rockville. The bus route is via Wisconsin Avenue and Rockville Pike, and the fare is 25 cents for the trip straight through travel.

To transfer from another bus to the Capital Flyer at 10th and U Streets, a fare of 32 cents—the regular D. C. bus fare—plus ten cents for a transfer is required, bringing the total to 42 cents.

Returning to 10th and U Streets, N. W., the fare is 40 cents—25 cents for the Capital Flyer and 15 cents for a transfer to other points.

4 Busses in Morning

In the morning the Capital Flyer—there will be four busses so designated—will stop for passengers to get off at Jones Bridge Road, and also at the South Gate entrance, National Naval Medical Center.

In the evening these busses will allow passengers to board at South Drive, and at Center Drive, Rockville Pike. Passengers must signal the driver to stop. Information on this 0.7 Route has been posted on all NIH official bulletins boards.

Plans are underway for another Capital Flyer—Route 0-1—to also start in the Cardozo area. This bus will go to Korvettes via Old Georgetown Road. It will return on the same route.

Information on this service, expected to begin July 6, will be reissued when the plan is approved.

DN Issues New Grants To Schools of Nursing

New grants from the Division of Nursing, BEMT, are helping financially distressed nursing schools remain in operation until students who have invested time and money in their education can graduate.

Special Project Grants have been awarded to the Memorial Mission Hospital School of Nursing, Asheville, N. C., and the Capital City School of Nursing, Wash., D. C.

Information about Special Project Grants, and how they serve to start new schools of nursing and help existing schools, may be requested from the Division of Nursing, 9000 Rockville Pike, Bethesda, Md. 20014.

Graduate Student Support Will Continue; Phase-Out of One Program Announced

A phase-out of support for Predoctoral Research Fellowships has been announced by Dr. Robert Q. Marston, NIH Director.

NIH support will continue for those already in the program, and selections will be made from those who applied prior to April 1970. However, no applications will be accepted thereafter.

The primary mechanism for helping predoctoral students—the Predoctoral Research Training Grants program—as well as two other fellowship programs and career development awards will continue. About 5,000 graduate students are now being supported by NIH through the training grants program.

Although this program cannot aid as many students as in the past, Dr. Marston stressed that it will continue as an alternative mechanism to help a sizeable number of outstanding graduate students.

The predoctoral fellowship program now being phased out has been of great value, according to Dr. Marston. As many as 1,500 fellowships have been awarded annually, but this number has steadily declined each year.

The NIH programs, designed to help predoctoral and postdoctoral students, which are not affected by the discontinuance of the predoctoral fellowship program, are:

• Predoctoral—Postdoctoral Research Training Grants—These grants are made to educational institutions which themselves set up training programs and select the graduate students in health and health-related fields.

NIH evaluates the relevance of a proposed training program, considers national needs for scientific manpower in the field of study, and sets requirements for trainees.

• Postdoctoral Research Fellowships—An applicant for such a fellowship must have received a research doctorate, such as a Ph. D., or a professional doctorate, such as an M.D.

NIH awards these fellowships directly to applicants on advice of scientific consultants in the academic community. These fellows must pursue research full time.

The stipend is $6,000 to $7,000 per year, and NIH also pays tuition. Applications will be accepted by deadlines of next October, January, and April, as in the past.

Other Aid Noted

• Special Fellowships—Those who already have doctorates and have completed additional study or work, or nurses who have degrees, can be financially aided.

Scientists and clinicians selected under this program are helped to broaden their scientific backgrounds and strengthen their research skills.

NIH pays stipends, which vary in amount, pays tuition and furnishes a supply allowance.

• Research Career Development Awards—NIH makes these awards to foster the development of young scientists who have shown outstanding potential for careers in health research. They must have at least 3 years of experience after earning their doctorates.

Educational institutions apply to NIH in behalf of these scientists. The awards vary in amount.

Mary Elizabeth Price, CC Neurology Nursing Service, was recently given the Outstanding Nurse Award by the Paramedical Association of West Chester State College—her alma mater. Miss Price graduated Magna Cum Laude with a B.S. in Nursing Education, St. Joseph's College, St. Joseph, N. Y.

Dr. Yoon Sang, Cho-Chung, Korea, Tumor Pathophysiology Section. Sponsor: Dr. P. M. Gullino, NCI, Bldg. 37, Rm. 4B03.

Dr. Ashwani Malhotra, India, Drug Development Branch. Sponsor: Dr. John S. Driscoll, NCI, Bldg. 37, Rm. 6D24.

Dr. Maria Straub, Hungary, Clinical Endocrinology Section. Sponsor: Dr. Robert L. Perlman, NIAMD, Bldg. 10, Rm. 8N26.

Dr. Petko Uzunov, Bulgaria, Lab. of Preclinical Pharmacology, St. Elizabeths Hospital. Sponsor: Dr. Erminio Costa, NIMH.

Dr. Alberto Chersi, Italy, Lab. of Immunology. Sponsor: Dr. Rose G. Mage, NIADD, Bldg. 10, Rm. 11D07.

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