Dr. Shannon Honored
By Columbia University

Dr. James A. Shannon, Director of NIH, was one of six leading figures in medical science and philanthropy to receive an honorary degree of Doctor of Science from Columbia University's College of Physicians and Surgeons on October 20.

The degrees were presented by Dr. Grayson Kirk, President of Columbia, at a special convocation of the medical school climaxing the celebration of its 200th anniversary. The convocation, held in Low Library on the Morningside Heights campus of Columbia, was preceded by a reception and dinner.

In conferring Dr. Shannon's degree, Dr. Kirk said:

"For more than a decade, you have played a major role in enriching our store of biomedical knowledge and in developing our nation's research capability. Your brilliant leadership of the National Institutes of Health during a period of phenomenal growth reveals..."

(See DR. SHANNON, Page 1)

Drs. Meyer, Parkman
Win Joint Recognition
For Rubella Research

Drs. Harry M. Meyer, Jr. and Paul D. Parkman, both of the Division of Biologies Standards, received an American Academy of Pediatrics E. Mead Johnson Award for 1967. The presentation was made at the Academy's annual meeting at the Washington Hilton Hotel, Washington, D.C., on Tuesday, October 24.

Drs. Meyer and Parkman received the joint award for their rubella immunity test and for the rubella immunity test and for the

(See RECOGNITION, Page 3)

We're Glad You Missed Us

Your phone calls and personal visits of inquiry cheered us during the period of temporary financial stringency which forced us to skip the Oct. 31 issue of the NIH Record. We are back on schedule now and hope to stay that way.

(See PARKING, Page 8)

Registration Forms Distributed Today
For NIH Enforced Zone Parking Plan

Looking out at a crowded NIH parking lot are members of the study group of the NIH parking committee (l to r): Bill Hoffman (DRS), Annette Herman, chairman (Management Policy Branch), Tony Anastasi (DRS), Sidney Gottlieb (also MPB), and Arthur McKay (Plant Safety Branch).--Photo by Tom Joy.

A picture, it is said, is worth a thousand words. This, of the Central Parking Area, was taken at 8:30 a.m. on a work day.--Photo by Roy Perry.

Beginning today vehicle registration forms are being issued as the first step toward putting the new reservation into effect. According steps will follow in quick order.

As outlined in a memorandum from NIH Executive Officer Richard L. Seggel dated November 6 the plan includes:

1. Registration of all vehicles using NIH parking facilities.
2. Establishment and assignment of parking zones.
3. Enforcement through the issuance of Traffic Violation Notices which require a money fine, or a hearing before a U. S. Commissioner of the U. S. District Court.

Forms are going out to all NIH employees in the Bethesda area and Poolesville; all other persons using NIH reservation parking fa-

(See PARKING, Page 8)

Marshall Nirenberg
To Receive Special Gairdner Award

Marshall W. Nirenberg, Ph.D., noted biochemical geneticist of the National Heart Institute, will receive a $20,000 Special Award of Merit from the Gairdner Foundation on November 17, in Toronto, Canada.

He will receive the award for deciphering the genetic code and clarifying methods of manufacture of protein within cells and ways in which the rate of production and the composition of various proteins are controlled inside the cell.

His work has added greatly to the understanding of heredity and genetics as well as day-to-day cell function.

Dr. Nirenberg will deliver a paper, "The Genetic Code," at award ceremonies at the Academy of Medicine in Toronto.

Chief of the Laboratory of Biochemical Genetics, NIH, the 40-year-old Nirenberg has been the recipient of many distinguished awards within the scientific community.

Dr. Sidney Udenfriend, also of the National Heart Institute, will share a $5,000 Gairdner Foundation Annual Award with Dr. Julius Axelrod, of the National Institute

(See GAIRDNER AWARDS, Page 4)

Drs. Brodie and Phillips
Receive Lasker Awards

Dr. Bernard B. Brodie, chief of the Laboratory of Chemical Pharmacology, National Heart Institute, and Dr. Robert Allan Phillips, director of the Pakistan-SEATO Cholera Research Laboratory in Dacca, East Pakistan, received the annual Albert Lasker Medical Research Awards, worth $10,000 each, at a luncheon ceremony November 9 in New York City.

Dr. Brodie won the Lasker Award in basic research, and was honored for his "extraordinary contributions to biochemical pharmacology."

Dr. Phillips received the Lasker Award for clinical research and was cited for his research and

(See LASKER AWARDS, Page 7)
IN 1939 THE CHEMISTRY LABORATORY, NIH, 25th and E Sts., N.W., con­
­sisted of the 23 scientists and technicians pictured above. Still affiliated with
NIH are Dr. Nelson K. Richtmyer, LC, NIAMD (1st row, extreme left); Harry
Mr. Diehl, LC, NIAMD (2nd row, extreme left); Dr. Floyd S. Daff, former
NIAMD Director and currently a consultant, NIAMD, back row, 3rd from
left; and Dr. Frank J. McClure, NIDR consultant (3rd row, 6th from left).—
Photo courtesy of Dr. Nelson K. Richtmyer.

Winston C. Mani Receives
First Quality Increase
Awarded by DEHS

Winston C. Mani, personnel offi­
cer of the Division of Environ­
mental Health Sciences, was re­
cently awarded a quality increase,
the first such award given by
DEHS, for his outstanding per­
formance in the early months of
activation of the Division.
In making this award Dr. Paul
Kotin, Director of DEHS, said,
"Much of the Division's rapid ex­
pansion to date can be attributed
to the skill with which Mr. Mani
has utilized the often cumbersome
personnel management machinery."
NCI Holds 2d Lecture In Series Tomorrow

Dr. Bayard Clarkson, Sloan-Kettering Institute for Cancer Research, will give the second lecture in the NCI series on human tumor cell kinetics November 15 from 12 noon to 1 p.m. in Building 1. He will speak on “Studies of Cellular Proliferation in Acute Leukemia.”

Dr. Seymour Perry, associate scientific director for Clinical Trials, NCI, will serve as moderator. The Institute has scheduled 24 lectures to continue on alternate Wednesdays for approximately a year. They will center on a discussion of the kinetics of cancer cells and normal cells so that more effective schedules for treating cancer with drugs may be developed. Of particular interest are the growth rates of cells in the common solid tumors and white blood cells obtained from patients with leukemia or lymphoma.

A question-and-answer period will follow each lecture. Speakers will make themselves available for consultation before or after the presentation. The series will be listed in the NIH Calendar of Events.

Institute for Sanitation Management Honors Two NIH Employees

Two NIH employees were honored at the recent annual meeting of the Institute for Sanitation Management.

Dr. Lloyd G. Herman, Chief of the Sanitation Section of the Environmental Services Branch, Division of Research Services, was awarded a plaque for outstanding service to the Institute; D. R. Cushing, Chief, Office Services Branch, Office of Administrative Management, was selected to serve as the Eastern Regional Director for the Institute.

NCI Prepares Booklet For General Public

Current methods of treating cancer by surgery, radiotherapy and chemotherapy are described in a 20-page booklet, “Treating Cancer,” issued for the general public by the PHS. A general revision of an earlier version by the same title, it was prepared by the National Cancer Institute.

The booklet discusses new operating room techniques that facilitate a surgical patient’s rapid recovery, and describes recent advances in patient care and rehabilitation. Various approaches to radiotherapy, including conventional X-ray, supervoltage irradiation and radioactive isotopes are reviewed. The new booklet also includes a chapter on cancer diagnosis and a glossary of technical terms relating to cancer.


RECOGNITION

(Continued from Page 1)

development of the first effective experimental vaccine against rubella, which is now being used extensively in clinical trials in this country and abroad.

The award includes $3,000, a scroll, and a certificate.

The rubella immunity test, reported last fall by Dr. Meyer at the Academy’s Chicago meeting, makes it possible for a physician to determine within a matter of hours whether an expectant mother has antibody protection against rubella.

The test also promises to speed the availability of rubella vaccines since the effectiveness of experimental attenuated virus preparations used in clinical trials can be evaluated more rapidly by this test.

The major hazard of rubella virus lies in the risk of its transmission to the fetus during early pregnancy, resulting in such defects as blindness, deafness, congenital heart disease, and mental retardation.

NOT EVERYTHING CHANGES AT NIH. Construction projects and progress notwithstanding, there are still many spots of undisturbed beauty on the reservation. The above photograph was taken at the height of “October’s bright blue weather” on the grounds adjacent to the new Cancer Institute building.—Photo by Roy Perry.

The first two meetings of the NIH Equal Employment Opportunity Program Planning Council were held last month. The Council was established at NIH (Record, August 22, 1967) to implement Executive Order 11246, which is designed "to promote the full realization of equal employment opportunity through a positive, continuing program in each executive department and agency."

This Council is composed of 17 members, 4 members at large, a chairman, Dr. C. L. Gibson, chief, Parasitology and Medical Entomology Branch, National Institute of Allergy and Infectious Diseases, and co-chairmen Errett Straley, Jr., Administrative Officer, Division of Research Grants.

Meetings Described

The first meeting of the Council held on October 4 consisted of an orientation of the members to the overall objectives of the Council as well as an explanation and discussion of plans for the successful implementation of these objectives.

On October 18 the Council members held an all-day conference regarding Civil Service Commission, NHER, PHS, and NIH policies, procedures, and regulations related to equal employment opportunity. At this meeting the Council was addressed by Edward Nicholas, head, Personnel Staffing Section, PMB, about mechanisms for the recruitment and placement of minority groups.

Mary Bertha, Head, Labor-Management Section, Personnel Management Branch, also spoke regarding the regulations for the handling of discrimination grievances and complaints.

Calvin D. Banks, Deputy EEO Officer, PHS, attended both meetings.

Noted Personalities Discuss Diabetes in Next EHS Films

The Employee Health Service will present "How Sure Are You?," a 15-minute film depicting the experience of several well known personalities who discovered they had diabetes, as its November health education movie.

One of the principals and moderator is the famed tennis star, William F. (Bill) Talbert, and another is U.S. Senator Gale W. McGee.

The film will be shown at the Clinical Center auditorium on Tuesday, November 14 at 11:30 a.m. and 1 p.m. and at the Westwood Building, Conference Room A on Friday, November 17 at 1:30 and 2:30 p.m.

TEN YEAR DONORS ON BLOOD DONOR DAY

Recently. Front row (1 to r): Charles H. Miner, Jr., Administrative Officer, PHS; Donald K. McKenzie, NIMH; Ernest H. Goldson of the Advanced Instrumentation Laboratory; Dr. Florence K. Millar, NCI; Dr. Paul J. Schmidt, CC. Back row: Walter G. Kirk and William E. Garrett, Jr., NHI; William H. Mills, NIAMD; Bernard E. Burr, NCI; and Dr. Alexander Gairdner, Toronto industrialist and financier, and his family, have amounted to $400,000 given to medical scientists throughout the world.

The awards are made for discoveries already achieved and the prize money is for the personal use of winners.
Theodore H. Moller Is Staff Engineer, NIAMD, Artificial Kidney Prog.

Dr. G. Donald Whedon, Director of the National Institute of Arthritis and Metabolic Diseases recently announced the appointment of Theodore H. Moller as staff engineer in the Institute’s Artificial Kidney Program.

As staff engineer, Mr. Moller will function as an Institute project officer on biomedical engineering aspects of artificial kidney research and development.

He will also provide assistance to medical and non-medical project officers, and to potential contractors, on artificial kidney research and development contracts involving engineering design and development.

Prior to joining the Institute, Mr. Moller served as chief of the Training Grants and Fellowship Program of the National Center for Air Pollution Control.

He has also conducted research in biomedical engineering for the Department of the Navy and for the General Electric Company.

Mr. Moller, a native of Chelsea, Mass., is a graduate of Northeastern University, where he earned his B.S. degree in chemical engineering.

NIAMD Scientists Write Articles for Lay Reader

Three scientists from the National Institute of Arthritis and Metabolic Diseases recently have had articles in Today’s Health, a monthly magazine published by the American Medical Association for the lay reader.

“Closing in on Rheumatoid Arthritis—The Number One Crippler” by Dr. John L. Decker, chief, Arthritis and Rheumatism Branch, was published in the June issue. “Artificial Kidneys: Where We Stand” by Dr. Benjamin T. Burton, NIAMD Associate Director for Program Analysis and Communication, was in the July issue.

“Battling the Bone-Thinner: Osteoporosis” by Dr. G. Donald Whedon, NIAMD Director, appears in the September issue.

In a forthcoming issue of Today’s Health, an article on diabetes will be authored by Dr. Jesse Roth, chief, Section on Diabetes and Intermediary Metabolism.

Employees Put Safety Training to Test

A practice evacuation of the Auburn Building in Bethesda was held October 12 for National Institute of Neurological Diseases and Blindness and National Cancer Institute personnel working there.

The drill was conducted under the guidance of Dr. Jack Carleton, NINDB, Building Warden, as a part of NIH’s Emergency Preparedness Program.

Through actual drill, employees learn procedures necessary to insure safe egress in case of a real emergency, and become acquainted with operating personnel of the Auburn Building’s Self-Protection Organization.

The SPO is made up of persons from NINDB and NCI who have received both safety instruction and disaster control training. The organization’s job is to minimize side effects and after effects of any destruction that affects the premises, property or personnel, as well as to limit direct damage.

NIAMDS Scientists Write Articles for Lay Reader

Small Inconveniences Now Will Pay Off In Vastly Improved Utility Services Later

If you walked into your office one morning and the lights didn’t switch on, or if the hot water tap didn’t work and you couldn’t fill your coffee cup, or if the telephone were out of order, you would be temporarily inconvenienced.

If you came into your laboratory and had to manage for just part of a day without water or electricity, your research project might be delayed or perhaps ruined. This also would be an inconvenience, if not a small disaster.

Temporary disruption of vehicle and pedestrian traffic due to NIH construction is necessary to expand and increase the dependability of the utility systems. The new systems are designed to preclude the inconvenience or disaster occasioned by utility failures.

Project Continues in ’68

The construction work on the reservation by the Research Facilities Planning Branch of the Division of Research Services, is part of the NIH Master Plan.

The digging, installing, and backfilling will continue for another 6 to 12 months, according to Howard Biggs, chief, RFPB, DBS.

This project, known as the Master Utilities Extension, is scheduled for completion in July 1968 and will form a loop to serve all existing buildings as well as provide for future growth. This loop system will furnish alternative routes for utilities to protect against failure which could halt office and laboratory work.

The MUE work is being accomplished in phases. Phase IA—upgrading of utilities serving some existing buildings—is already completed. Construction crews are presently digging into Phase IB, installing utilities in trenches to connect with existing and new buildings.

These include such services as electricity, water, compressed air, gas, steam and sanitary sewers, steam and chilled water for heating and cooling and the telephone, central fire alarm, and pneumatic tube systems.

The digging of several trenches is necessary because it is more economical than building tunnels into which more than one utility can be placed.

Work to provide services to three new buildings in the southwest cor-
Many NIH Keyworkers Show Enthusiasm And Talent in Gathering CFC Pledges

By Linda Ashworth

Efforts of Combined Federal Campaign (CFC) workers brought the total contributions closer to the desired figure—$205,540—in the closing weeks of the Fund drive.

As of the collection period ending November 2, NIH participation stood at 84.5 percent, total contributions at $146,326.38 (see below).

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<tr>
<th>Institute</th>
<th>Percent of Quota</th>
<th>Collected</th>
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<tr>
<td>DEHS</td>
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<tr>
<td>DRMP</td>
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<td>NICHD</td>
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<tr>
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<tr>
<td>NIDDK</td>
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<td>NIH</td>
<td>71.2</td>
<td>146,326.38</td>
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The bright blue and green op art poster currently greeting the campus may have inspired some last-minute contributions, and these will be included in the final totals in the next issue of the Record.

The responsibility for gathering the pledges was entrusted to about 500 keyworkers who went about their own institutes explaining how much money was needed and where it would go.

Some of the keyworkers brought their talents as well as their enthusiasm to the task and lavished both attributes on their job.

One of the most successful of these was Patricia Stanford, a clerk-typist in the National Cancer Institute. She helped her office chief, Charles E. Leasure, Jr. Described by a co-worker as “very talented” in sculpture, painting, and drama, Miss Stanford has also been described as the creator of a traffic jam in the Wisconsin Building where posters she made for CFC were hung.

Using the Peanuts comic strip characters, Miss Stanford designed 10 cartoons with slogans urging support and contributions for the CFC drive. On one of the posters, Snoopy tries in vain to console one of his bird friends who weeps because birds cannot give to CFC.

Miss Stanford, who had 14 persons on her contact list, wanted 100 percent participation from her group. One of her people was on temporary assignment in LaJolla, Calif., so she wrote to him elsewhere, and was delighted to be able to follow through with a thank-you note for the contribution she received.

The personal touch of cartoons and a light-hearted approach were trademarks of Jay Seering, keyman for the Vaccine Development Branch of the National Institute of Allergy and Infectious Diseases.

A flurry of mimeographed cartooned messages heralded the campaign and its goals. A whimsical sheet of “hints” urging persons to contribute was distributed the day before Jay’s campaign began. The sheet promised, “As soon as we hit the quota, we can buy a new sheet of ‘hints’ for the National Cancer Institute.”

The generosity of NIH employees is expected to fill Santa’s empty chair again this year. Photo by Jay Seering.

Under the Plan, originated by James B. Davis of OAM, many NIH employees do not send Christmas cards to their fellow workers, but instead send to the Patient Welfare Fund at the Clinical Center the money that would have been spent for cards and postage. A total of $1870 was contributed last year.

Incidentally, the photo of Santa’s empty chair was taken just before the start of Christmas festivities on the Clinical Center’s 14th floor last year.

(See KEY WORKERS, Page 8)
Dr. Bowery Is Appointed
New Associate Director
For Operations, DRFR

Dr. Thomas J. Kennedy, Jr., Director, Division of Research Facilities and Resources, has named Dr. Thomas G. Bowery, associate director for Operations. In his new assignment, Dr. Bowery will be responsible both for the day-to-day scientific management of the Division's operations and for assisting in the development of policy for DRFR extramural programs. These Division programs are designed to meet the resource and facility needs of institutions engaged in biomedical research.

Other Duties Continue

In addition to his present responsibilities within the Division, Dr. Bowery also serves as chairman to both the STEP Committee (Staff Training—Extramural Programs) and the NIH Executive Committee for Extramural Affairs Personnel Subcommittee.

Prior to joining the DRFR as assistant chief in November 1965, Dr. Bowery was the Extramural Operations and Procedures officer, Office of the Director, NIH.

Dr. Bowery was named to the first class of the NIH Grants Associates Program in October 1962, and the following year was appointed special assistant to the associate director for research grants, Office of the Director, NIH.

New NIAID Fact Sheet On Hepatitis Available

A new fact sheet on hepatitis has been prepared by the National Institute of Allergy and Infectious Diseases' information office.

Part of a continuing series of summaries of current knowledge and research in infectious diseases, the hepatitis fact sheet is designed to answer basic questions about hepatitis and how to cope with it.

The sheet also is proving useful in aiding newcomers who seek feature material. NBC News and Changing Times were among the first whose inquiries were answered with the use of the freshly printed fact sheet.

Others who have benefited from the hepatitis summary include businessmen who have called seeking information on steps to be taken when an employee contracted or was exposed to hepatitis.

The fact sheet is available from the NIAID information office in Building 31, Room 7A-30.

WOMEN AT NIH

Composure Seen Key to 'Peg' Badger's Success in Administrative Work at CC

By Bowen Hosford

People who know Margaret A. "Peg" Badger characterize her as vivacious and alert.

"That woman lives," says an admirer.

Miss Badger is Administrative Officer at the Clinical Center. Associates say a strong asset is that she faces potential troubles with composure and with a unique understanding of people.

Miss Badger says "The calmer you are in a crisis, the quicker you are. When a crisis comes, stop, think, then make a decision. I'll tell you who taught me that: Dr. James A. Shannon, when I worked for him. He expects you to be right most of the time, but he insists that you make a decision based on the facts and support it."

Miss Badger handles such matters as personnel, budget, space, and other business and management operations, under the guidance of Executive Officer Philip F. Simon.

"We help make things run smoothly for those who are taking care of sick people," she says. "That is our role in the team effort to make sure the patient gets the highest possible quality care."

Implements Ideas

She acts as a confidante, and screener and implementer of ideas for CC department heads and others at NIH.

"If she says an idea's impractical, forget it," says one official. "If she thinks it's good, she'll help prune and tailor it. She saves us from goofs and gaucheries."

One reason that she can advise with such confidence is that CC executives have an empathy that is fostered by the director, Dr. Jack Masur. Miss Badger's office day begins with a business coffee session attended by other senior administrators in the Office of the CC Director.

Following that, callers await.

Few make appointments. "They've got problems, and they want them settled," says an observer. "The sequence is: talk, decision, action, next visitor."

Miss Badger is active in the NIH Recreation and Welfare Association, was on the NIH Credit Union Committee, was on the NIH Awards Board, is on the NIH Labor-Management Advisory Board, and was recently named to the NIH Revolving Fund Advisory Board.

Spat Youth at NIH

"Friends say that as a child she climbed every tree on the NIH reservation. She claims that is exaggerated. However, when she first came to work for the National Heart Institute as a clerk, she undoubtedly knew much about NIH. Her father, Dr. L. F. Badger, is a former NIH Assistant Director. During her girlhood, Miss Badger lived in officer's quarters on the reservation."

In those days, NIH was only a cluster of laboratories. There was an intimacy among its comparatively few employees that will probably never be equaled again.

Women More Accepted

"Acceptance of women in medical research administration came during World War II," Miss Badger says. "Women are still establishing a position, but the battle is largely won."

Does this mean women should not be aggressive?

"The woman who gets along in the business world has to be aggressive, but in a quiet sort of way."

Miss Badger usually plays 18 holes of golf on Saturday and 18 on Sunday. She has a handicap of 13. She also likes tennis and swimming. On winter weekends she heads out for the ski slopes, usually in Pennsylvania. However, a mishap last year had no connection with that chancy sport: she broke her shoulder while surfing at Virginia Beach. "I should have been looking for a wave, and wasn't."

She plays bridge "for fun, not for blood."

She has a dream that when she reaches the magic 55/30 Civil Service retirement requirement, she will travel, play golf, and do all the things that I now do on weekends only. However, on close questioning, Miss Badger is not sure that such a life will suffice. "When you're worked as long and been as active as I have, you can't exist without having some real problems to solve that tax your intellectual capacity."

LASKER AWARDS

(Continued from Page 1)

leadership" in the reduction of the death rate from cholera.

The Pakistan-SEATO Laboratory which Dr. Phillips heads is under the scientific direction of the NIH Cholera Advisory Committee chaired by Dr. John R. Seal, director of Intramural Research for the National Institute of Allergy and Infectious Diseases.

Rep. Claude Pepper (D-Fla.) received the Lasker Public Service Award for his support of medical legislation.
Eye Research Studies of Two Winners
Of Nobel Prize Supported by NINDB

By Bari Attis

Two of the three scientists awarded the 1967 Nobel Prize in Physiology of Medicine were grantees of the National Institute of Neurological Diseases and Blindness.

Dr. Haldan Keffer Hartline of Rockefeller University has been a grantee for the past 13 years. Dr. George Wald of Harvard University has indirectly learned much about the interaction between all the senses, the nervous system and the brain.

Dr. Wald was described by the awarding committee as “one of the world’s greatest authorities on the biochemistry of color perception.” He delivered the 8th NIH Lecture on “The Biochemical Evolution of Vision” in 1959.

By reproducing the chemical processes of vision in a test tube, Dr. Wald has clarified the role of the visual pigments and the importance of vitamin A to visual processes. His biochemical studies have explained how light activates the photo-receptive cells in the retina of the eye, causing molecular readjustments. Rhodopsin, a substance contained in the rods, breaks down when light hits the retina. This breakdown activates the receptor cells, and during periods of darkness the rhodopsin is again built up.

Dr. Ragnar Granit, the third laureate, was the first researcher to demonstrate how different neural units in the retina react to different parts of the color spectrum. He concluded from this work that there were three types of cones in the retina to cover different parts of the spectrum. The mechanism conveying color to the brain results from a mixing of the impulses of the different types of cones.

Dr. Wald has verified the findings on color perception made by Dr. Granit, and has carried these findings to the conclusion that color blindness is caused by the absence of one or more of the cones for color perception.

Of Nobel Prize Supported by NINDB

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Recording from a single cell in the retina of the cat. Recording by Dr. Haldan Hartline to understand color vision.

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