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DR. WILLIAM CACCAMISE, ophthalmologist on the staff of St. Mary's Hospital, Rochester, at the out-patient department of Holy Family Hospital, Patna, India, where he is now giving three months personal service to the blind of India.



PATIENTS TRAVEL great distances to seek cures at the eye clinic being held at Holy Family Hospital. Above, Sister M. Adelaide, superior of the Medical Mission Sisters, greets an old "babba" who walked from his village thirty miles away.

Breakthrough Sighted Towards Cancer Cure

A professor at St. John Fisher College is well on the way to the great goal of widespread research — a cure for cancer.

THERE IS STILL a long way to go before his present experiments can be tested on humans but a significant breakthrough toward the goal has already won him recognition by his fellow scientists.

This is the story as announced by college officials today— Evidence has been presented by Dr. Benedict B. O'Malley, of the Fisher Staff which indicates a "significant breakthrough in both the therapy of cancer by through substances which select- ively destroy cancer cells and in the immunization of animals against cancer."

Dr. O'Malley, chairman of the department of Biological Sciences at the men's college has made an intensive study of the chemistry and pharmacology of cancer. He was joined in this work by Dr. Paul Fluss of the University of Miami and Dr. Robert Wilhelm of New York.

Results of the study have led to a dual approach to the chemotherapy of cancer in experimental animals—the use of certain agents to increase the natural potency of normal blood serum to destroy cancer cells and to stimulate the formation of immune substances.

DOCTOR O'MALLEY'S findings were recently presented to the American Association for the Advancement of Science at Denver. As a result of his work, he was named a member of the Leaders in American Science.

This work has developed from some ten years of study of the chemical substance in the serum of normal individuals that is responsible for the destruction of cancer cells.

Dr. O'Malley, working with Dr. Soya Osawa—formerly at Rockefeller Institute, now at the

Nagoya University in Japan— discovered a growth model system, in which various chemicals might be tested and screened for their effectiveness in destroying the nucleic acids, which are the building blocks of both normal and cancer cells.

This system was extended to solve the problem of selecting compounds that would destroy specifically the nucleic acids of cancer cells and thereby enhance the ability of blood serum to effectively destroy cancer cells and malignant cells. The one thousandth and sixtieth compound proved effective.

The results of this discovery were presented at the First International Congress of Pharmacology in Stockholm in 1961.

Using fluorescent microscopic techniques, Dr. O'Malley has shown exactly the extent of damage to the cancer cell, and latest findings on the progress of the preparation of an immune substance that is effective in the destruction of both a cancer that is presently in the organism and also effective as a vaccine in the prevention of the growth of an experimental-induced cancer.

THE FINAL END in view is the preparation of a vaccine that is without side effects for the vaccination of a control group of the population.

Dr. O'Malley received his bachelor's and master's degrees from Fordham College and his doctorate in Biochemistry and Physiology from Fordham University in 1950. He also studied at Columbia University and at Woods Hole Laboratory.

He has been chairman of the department of Physiology and Pharmacology at St. Louis College of Pharmacy; research associate in Physiology to Dr. Wilhelm, head of the Tumor Department at the Institute of Applied Biology in New York City; and assistant professor in biology at Fairleigh Dickinson University where he received an Outstanding Teacher award.

HE HAS ALSO been a research associate in Physiology and Biochemistry to Dr. Joseph Rodas, director of medicine, New York City Hospital, and a consultant to members of the medical and scientific profession in Physiology, Pharmacology and Biochemistry.

He is presently rewriting a text on the "Biochemistry of Malignant Tumors" with Dr. Wilhelm. The multivolume text will deal with the cancer problem as analyzed by authorities in each of its aspects.

City Doctor Serves Poor Of India

On New Year's Day, Dr. William Caccamise, ophthalmologist on the staff of St. Mary's Hospital, Rochester, arrived at Patna airport in India prior to starting a three month's free eye clinic at the Kurji Holy Family Hospital, conducted by the Medical Mission Sisters.

DR. CACCAMISE left his Rochester practice in order to devote this time to the blind of India, without personal remuneration.

Already, 200 in-patients have been cared for in the two large wards turned over to the eye service. An average of ten operations is performed daily, mostly cataract operations, but also eversion, and procedures for strabismus, glaucoma, ptosis and pterygiums.

Last week a corneal transplant was done. The Rochester Eye Bank donated twenty corneas and ten bottles of human vitreous. Numerous U.S. companies donated sutures and medications.

Despite the bitter cold weather of this season, patients start lining up for the out-patient clinic at 5 a.m. During clinic hours from 8:30 to 12:30 about 70 patients are seen, and many more have to be turned away.

The assisting staff is entirely Indian. One resident doctor, two graduate and several student nurses and aides are assigned to full time duty in the eye clinic and operating room. Others are assigned to the wards.

DOZENS OF letters pour in daily from all parts of India. Though many cases are beyond hope, the excellent post-operative results already achieved in this first month, bear witness to the hope that can be held out to many more in the three month period.

Parents Meet

St. Andrew's Seminary Parents Association met Monday, Feb. 5. Monsignor Richard Quinn, seminary rector, spoke about the students' scholastic record in mid-year tests.

REV. THOMAS HOCTOR of the seminary faculty explained to parents the English literature course taught in the high school department. Refreshments were served.

THE CATHOLIC Courier Journal

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Diocesan Guidance Unit Schedules First Meeting

Rochester Diocesan Catholic efforts of the former guidance director at Nazareth Academy, Sister Grace Regina, S.S.J., recently deceased. Communication with the Rev. Edmund Olley, chairman of the National Conference of Catholic Guidance Councils and Father Moreau, president of the Western New York Guidance Council, emphasized the need for a council within the Rochester Catholic Education System. This council would coordinate activities peculiar to Catholic guidance.

Next Monday's meeting of diocesan secondary school principals and guidance directors will have as guest speaker, Rev. George Moreau, an Oblate Father, founder of the Western New York Guidance Council and president-elect of the National Catholic Guidance Council. Father Moreau has given Guidance Institutes and Seminars for several dioceses.

Rev. William M. Roche will open the meeting at 10:15 a.m. Father Moreau will follow with a talk on "The Future of Guidance in a Conflicting Society." Luncheon will be served at 12 o'clock in the school cafeteria.

THE AFTERNOON session will open at 1:30 p.m. with a talk by Father Moreau on "Specialized Areas of Counseling Skill." All talks will be followed by a question period.

Officers are: Sister Stella Regina, vice principal of Mt. Carmel High School, Auburn, president; Sister Marie Perpetua, guidance director at Nazareth Academy, secretary; Sister Mary Bryan, guidance director of Our Lady of Mercy High School, treasurer. Office of vice president will be filled later by a representative from one of the boys' high schools.

ORGANIZATION of the Council began last year through the

Forty Hours

Devotions of the Forty Hours will be conducted in the following churches of the Diocese of Rochester:

Sunday, Feb. 11 — St. Andrew's Seminary, Rochester.

Hibernians Plan John Barry Fete

The Ancient Order of Hibernians and Ladies Auxiliary will hold its annual Commodore Barry Banquet at the Wishing Well, Chili Ave., Saturday, Feb. 17, at 6:30 p.m.

The Rev. Joseph Hogan, theology professor at St. Bernard's Seminary, Nazareth Motherhouse and St. John Fisher College will be the guest speaker. Other invited guests include the Rev. George S. Wood, the Rev. Donald Murphy, Mayor Henry E. Gillette, Sheriff Albert Skinner, District Attorney John J. Conway, Assemblyman Charles Stockmeister and Attorney Paul McNamara.

Master of Ceremonies will be William Ryan. Entertainment will be under the direction of Desmond Penrose. Vocal selections will be rendered by Miss Eileen Clifford and Sean O'Brien.

For information and reservations call Mrs. Timothy Clifford, FA 8-7040, Mrs. David Shannon, CL 4-7025, Ross McMahon, CL 4-7399.

Cadets Hear Sports Pros

Cadets at Nazareth Hall Cadet School were given pointers on athletic skills by local professionals at a Sport Night and annual Fathers and Sons banquet, Feb. 4 in the school gymnasium.

GUEST SPEAKERS included Chief of Police William Lombard, George Sisler, Jr., general manager Rochester Red Wings, Tony Marino, wrestler and Ozzie Sussman who conducts a boxing school.

Rev. Cyril Carter, C.S.B., director of athletics at Aquinas Institute was master of ceremonies. Also present were Drill Master, Sergeant Edward Carr, U.S.M.C. of the University of Rochester; and Basilian Fathers Joseph Abend, Albert Gallens, Albert Cylwicki.



WRESTLING STAR Tony Marino autographs photos for Nazareth Hall Cadets following Fathers and Sons Banquet, Sunday, Feb. 4 at school.

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