Dr. Philip S. Chen, Jr. Named Asst. Director for Intramural Affairs

Twice, Dr. Chen has engaged in research studies at the University of Copenhagen. He was there first as a National Science Foundation Postdoctoral Fellow, and on his second visit, he was a Guggenheim Fellow.

Dr. Philip S. Chen, Jr., has been appointed NIH Assistant Director for Intramural Affairs. In this position he will serve as principal staff to Dr. DeWitt Stetten, Jr., NIH Deputy Director for Science.

Prior to this appointment, Dr. Chen was associate director for Program Planning and Evaluation, National Institute of General Medical Sciences.

Dr. Chen first came to NIH in 1956 as a U.S. Public Health Service Commissioned Officer. He served in the Clinical Endocrinology Branch of the National Heart Institute.

In 1959, after a 3-year tour of duty, he became an Assistant Professor of Radiation Biology and Biophysics and Pharmacology at the University of Rochester, School of Medicine and Dentistry. In 1954, Dr. Chen had received his Ph.D. in Pharmacology from that university.

His undergraduate degree—a B.A. in physics—was earned at Clark University 4 years earlier.

Dr. Chen spent one year, 1966-67, as a Guggenheim Fellow in the Institute of Biological Chemistry, University of Copenhagen in Denmark.

(See DR. CHEN, Page 7)

NICHD Dedicates New Research Facility in CC

The National Institute of Child Health and Human Development dedicated its Reproductive and Perinatal Biology Research Facility in ceremonies yesterday (Monday, July 1) at the Clinical Center. Caspar W. Weinberger, HEW Secretary, gave the principal address.

The facility, an addition to three upper floors of the CC at the south end of the D-wing, includes 15,500 square feet of usable floor space. It is scheduled for occupancy later this year.

Addition Described

There are two labor-delivery-recovery rooms on the 10th floor of the facility where as many as 300 babies will be born during a typical year. On the same floor are a patient reception room, 15-bassin-net nursery, neonatal treatment room, other medical facilities, and a fathers' waiting room.

Twenty-two patient beds in 11 rooms, two treatment rooms, a monitoring room, and a conference room are located on the ninth floor. The eighth floor has 15 laboratories including a constant temperature room.

Two new automatic elevators will offer express service from the basement and first floor to the three floors of the NICHD facility.

A comfortable waiting room for fathers, a 15-bassin-net nursery, and a neonatal treatment room are on the 10th floor of the D-wing.

CONDOR DE LOS ANDES

Bolivia Honors NIH for Dedicated Service Presents 14 Diplomas of Appreciation

One of Bolivia's most prestigious decorations, the Medal of the Condor de los Andes, was presented to the National Institutes of Health by Edmundo Valencia-Ibanez, Ambassador of Bolivia, at the Fogarty International Center's Stone House, Thursday afternoon, June 13.

Caspar W. Weinberger, HEW Secretary, accepted the medal on behalf of NIH.

Among the 100 or so guests at the ceremony were a number of ambassadors of Central and South American countries, including the Dean of the Diplomatic Corps, Dr. Guillermo Sevilla-Sacasa, Ambassador of Nicaragua.

Other Guests Present

The U.S. Ambassador to Bolivia, William P. Stedman, Jr., and Mrs. Stedman, officials of the Organization of American States and the State Department, and members of the local Bolivian community were also present.

The Bolivian ambassador praised the dedication of the physicians, nurses, and administrative staff in their care of Bolivian patients at the Clinical Center.

He also expressed appreciation for the efforts of NIH scientists and personnel who, a number of
Employees May Apply for Project Stride; Combines Training Here and Study at A.U.

Employees may apply for Project Stride—a career development program combining training at NIH plus full-time study at American University.

The deadline for submitting applications is Monday, July 8. A question and answer session about the project is being held today (Tuesday, July 2) at noon in the Masur Auditorium.

Project Stride, part of the Upward Mobility Program, offers up to 3 years of study at A.U. On successfully completing the training and study program, employees will be placed in new positions at NIH. They are also given an opportunity for promotion during this period. However, candidates selected for the program are not guaranteed promotion.

Qualifications for the program include:

- Career status by June 1.
- Employed in a nonprofessional job (one-grade promotions).
- Worked in a permanent, full-time job at NIH for the last 12 months.
- A grade of GS-7 or below, or WG-8, WL-8, WS-6 or WI-12 or below.
- A high school diploma or GED certification and less than a bachelor's degree.

The application—Standard Form 171, Personal Qualifications Statement—may be sent to the Career Development Branch, OPM, Bldg. 31, Room B2C-21. Employees may indicate on that form—Item 1A—the career area of their choice. For further information call CDB, Ext. 66211.

Staff Correspondents

ADA, Judy Fleisher; CC, Thailia Roland; DCRT, Joan Chase; DRG, Sue Meadows; DRS, Jerry Gordon; DRS, Cora M. Suit; FIC, George Presson; NCI, Jan Rooton; NEI, Bonnie Friedman Spellane; NHLI, Bill Sanders; NIAID, Krin Kolacy; NIAMDD, Pat Gorman; NICHHD, Kathy Kowalezyk; NIDR, Sue Hannon; NIEHS, Elizabeth Y. James; NIGMS, Wanda Ward dell; NINDS, Carolyn Holstein; NLM, Fran Patrick.

James Davis to Host Exhibits in Far East For Commerce Dept.

James B. Davis, Director of the Office of Administrative Services, will be serving as a U.S. technical representative at three exhibits in the Far East from July 25 through Aug. 5.

The exhibits, featuring catalogs of 200 of this country’s manufacturers, will be shown in the Philippines, Singapore, and Malaysia.

Working with the U.S. embassies, Mr. Davis will host the three exhibits and discuss available American products with major industry representatives in each country.

Exhibits Sponsored by C of C

The shows, sponsored by the U.S. Chamber of Commerce, enable these representatives to view the technical instruments American manufacturers could supply for the industrial expansion planned by their countries.

This is the third time Mr. Davis has been loaned to the Department of Commerce as a representative at an exposition. In 1967, he served as a consultant to organize an exposition in Frankfurt, Germany, for a world-wide exchange of data on scientific equipment.

Again, in 1970, he organized for the Commerce Department an international colloquium on analytical instrumentation for industry and research at the U.S. Trade Center in Paris.
Doris Chaney Retires; 
JNCI Managing Editor 
Joined NIH in 1949

Doris M. Chaney, managing editor of the Journal of the National Cancer Institute, recently retired after 30 years of Federal service.

Mrs. Chaney began her career in 1944 as an editorial clerk with the War Refugee Board. She joined the National Cancer Institute in 1949 as an editorial assistant and in 1954 she became the JNCI managing editor. In her position, Mrs. Chaney saw the journal grow from a 200-page bimonthly publication to a 1,000-page monthly with a worldwide circulation.

Under her auspices, the journal’s Monograph series began in 1959. Four years later she designed the series’ hardcover.

Cited Twice

During her career, Mrs. Chaney received a Superior Performance Citation from HEW in 1961 and a Superior Service Honor Award from NIH in 1973.

At the farewell luncheon, she was given a pair of pearl earrings, a silver tray engraved with the years of her JNCI service, and a testimonial verse.

Mrs. Chaney’s retirement plans include traveling, writing, and spending time with her children and grandchildren.

16th Annual Art Show on Display in CC Lobby;
Awards Presented by

Alfred Laoang’s painting entitled, “Brushing,” won top honors as Best-in-Show at the 16th Annual Spring Art Show administered by the NIH Art Club. Sponsors by the Recreation and Welfare Association, Inc., the exhibit will continue to be on display in the Clinical Center lobby through July 19.

Mr. Laoang, who also received an honorable mention for one other entry, is on the staff of the Medical Arts and Photography Branch, DRS.

Other first place winners and categories were: Lynn Pruitt, Sculpture entitled, “Some Days in the Life Off,” and Ann Zahn, Other Media, “Some White Machine That Sings.”

S. T. Yancey’s 2 Careers Have 1 Goal—Humanitarian

Sidney T. Yancey, Jr., a National Cancer Institute biological laboratory technician, is also the pastor of the Mt. Pleasant Baptist Church of Washington, D.C.—a church with a 1,300-member congregation. He has served there since 1965.

Mr. Yancey, who is in the Laboratory of Chemical Pharmacology, Division of Cancer Treatment, became interested in the ministry in 1954 when he experienced a “special calling in this direction.”

Receives Honorary Degree

Because of his spiritual work he recently received an honorary degree—Doctor of Divinity—from the Birmingham Baptist Bible College in Alabama.

His duties at his church include both its administration and the spiritual care of its members. He makes many pastoral visits to parish shut-ins and is also a counselor for those in need of guidance.

Mr. Yancey joined NCI in 1955 as a laboratory animal caretaker. Now, as a technician, he does independent studies about 20 percent of his time.

His primary research interests include the carcinogenic effects of drugs in animals, anticancer therapy in animals, polyamines and their effect on tumor growth, and blood clotting and blood stabilizing enzymes and their relationship to tumor growth.

Mr. Yancey, who has been with NCI since 1955, has had 14 papers published about his research.

The lab technician curm minister views his role in both positions as humanitarian. Through his research he is helping in the fight against cancer, and through his ministerial duties he is helping to meet the spiritual needs of people.

NCI’s Dr. King Named Acting Div. Director; 
Succeeds Dr. Saunders

Dr. Thomas J. King has been named acting director of the Division of Cancer Research Resources and Centers, NCI, succeeding Dr. J. Palmer Saunders.

Retiring on June 30, Dr. Saunders headed the program—formerly the Division of Cancer Grants—since 1967.

Dr. King was acting associate director for Research Programs from 1973 until his appointment. He also served as program director for the National Bladder Cancer Project and the National Prostatic Cancer Project.

Dr. King received his B.S. degree in 1943 from Fordham University, where he was elected to Phi Beta Kappa and from which he received the College Alumni Association Achievement Award in Science for 1961.

He received his M.S. in 1949 and his Ph.D. 4 years later from New York University.

A recognized authority in cancer research, Dr. King was awarded an honorary Sc.D. by the Medical College of Pennsylvania in 1971, and the following year, he was co-recipient of the Charles Leopold Mayer Prize awarded by the Académie de Science, Institut de France.

He is the author of 27 papers and a member of numerous professional societies including the American Association for Cancer Research, and the International Society for Cell Biologists.

Dr. J. Palmer Saunders Retires to Become Dean 
Of Texas Grad School

Dr. J. Palmer Saunders, director of the National Cancer Institute’s Division of Cancer Research Resources and Centers, retired June 30 to become dean of the Graduate School of Biomedical Sciences and professor of pharmacology at the University of Texas Medical Branch at Galveston.

Dr. Saunders played a key role in developing the DCRC concept of cancer centers and in expanding the Cancer Centers Program into a nationwide effort.

He established the criteria for the various components needed to integrate basic and clinical cancer research programs into a coordinated approach toward solving cancer problems.

An indication of progress made in this area was the recent establishment of four new Comprehensive Cancer Centers making a total of 16 such facilities throughout the country.

One main goal of the centers is to serve as a vital link to make new methods of diagnosis and treatment available to cancer patients.

Under Dr. Saunders’ aegis the National Organ Site Program was initiated and developed. The program consists of integrated national research efforts oriented towards specific cancer sites.

Currently, NOSP grants have been awarded to study cancers of the urinary bladder, prostate, and large bowel.

Several years ago, Dr. Saunders redirected various aspects of the NCI training program to help intensify the training of radiation therapists.

Recently, he has been the main force in guiding the promising

(See DR. SAUNDERS, Page 5)
Hugh Jackson Retires; Held Several High Posts In News, Feature Field

Hugh Jackson, chief of the National Heart and Lung Institute's Office of Public Inquiries and Reports, retired on June 30 after a Civil Service career spanning 33 years—23 of those years at NIH.

Mr. Jackson received his B.S. degree from Northwestern University in 1925. After several years of newspaper work, he became editor and publisher of The Sportsman, a monthly outdoor sports magazine. During 2 of the 3 years he served on this publication, 1926-41, he also was executive secretary and public relations director of the Wisconsin Conservation League.

Mr. Jackson entered Federal service in 1941 as an investigator and senior representative of the Civil Service Commission. He held several civilian posts with the Navy Department before coming to NIH in 1949 as NCI information officer.

He has been at NIH ever since except for one year tours with the Office of the Surgeon General, 1951-52, and with the Office of Price Stabilization, 1952-53.

Mr. Jackson has served as information officer at three institutes: National Cancer Institute, 1949-51; National Institute of Arthritis, Metabolism, and Digestive Diseases, 1953-60, and NHLI, 1972-74.

In August 1972, Mr. Jackson came to NHLI from the Office of Information. There, since 1969, he had served as chief of the Features Branch. Because of his work in developing and directing the NIH Feature Service, he received a Sustained Superior Performance Award in 1967.

Mr. Jackson has the unique distinction of having served as information officer of three Institutes.

Tennis Club Announces Winners of Tournament

Final matches of the NIH Tennis Club's spring tournament were held earlier this month on the reservation courts near Bldg. 41.

Thomas Thornhill, NIAID, successfully defended his men's singles title by defeating Ronald Ament, DRS.

Mr. Ament then teamed with Dr. John Minna, NHLI, to down Mr. Thornhill and Dr. Herbert Reynolds, NIAID, in the men's doubles competition.

After losing the first set, CC's Margaret Brogan rallied to capture the women's singles title over Dorothy Armstrong, CC.

Ms. Brogan joined forces with Wendy Brody to take the doubles by defeating Jeannine Scott, BHRD, and Carole Rankin, CC.

The mixed doubles title went to Welmoet van Kammen and Dr. James Strickland, ODA, by beating Dr. Daniel Zaharko, NCI, and his wife Nancy, in three sets.

BOLIVIAN HONORS (Continued from Page 1)

years ago, found the cause and cure of a disastrous disease.

When a devastating illness appeared in the small tropical village of San Juanito, NIH scientists saved many lives "through their... investigation until they discovered the cause of the disease"—later diagnosed as epidemic hemorrhagic fever—and eradicated it.

In 1962, the disease was a major threat to the lives of the Bolivian people. Victims suddenly developed headaches, back pain, high temperature, and bleeding gums. Then they slipped into a coma, with one of every five stricken dying without regaining consciousness.

A crash program was instituted early in 1963 when Middle American Research Unit staff members, then part of NIAID, moved in.

Working with Bolivian physicians and technicians, they formed a research team that found the virus and established preventive measures.

Fourteen individual diplomas of appreciation were also presented by the Bolivian Ambassador to staff members of NIH and NIMH.

These included a diploma to Dr. Robert S. Stone, NIH Director. In Dr. Stone's absence, the diploma was accepted in his behalf by Dr. DeWitt Stetten, Jr., NIH Deputy Director for Science.

Other recipients were: Drs. Thomas N. Chase, Larry Ng, Ira Shoulson, and Harold A. Greenberg, all of NIMH.

Also, Drs. John M. Van Buren and Anatole Dekaban, NINDS; Dr. Carl Kuper, Director of NIB; Dr. Charles McIntosh, NHLI, and Carmen A. Cabrera, CC.

Almost 10 years ago, in July 1964, Drs. Karl Johnson, Ronald Mackenzie, and Merle Kung were honored with the Order of the Condor de los Andes. Dr. Henry Beye, who gave his life in the fight against hemorrhagic fever, was awarded the honor posthumously.

At the ceremony in Stone House, his widow, Lola Beye, accepted a diploma in his name. Dr. Dorland J. Davis, Director of NIAID, accepted diplomas in behalf of Drs. Johnson, Mackenzie, and Kuns.

Dr. McIntosh, one of 14 individually honored by Bolivia, is greeted at a reception following the presentation of awards by the Ambassador of Bolivia, and Mrs. Edmundo Valencia-Ibaniez.
John Sangster Retires; Personnel Dir. Helped Develop EEO Program

John M. Sangster, Director of the Office of Personnel Management since 1960, retired on June 30, after more than 35 years in local, state, and Federal Governments.

During his tenure here, Mr. Sangster has developed a number of programs including the NIH Grants Associate Program, the Staff Fellowship Program, the STEP Committee — staff training for extramural personnel — and the NIH Executive Manpower Council. For these accomplishments Mr. Sangster received a DHEW Superior Service Award in 1967.

Mr. Sangster has had a special interest in problems relating to minority groups, particularly in the area of equal treatment in employment.

He was instrumental in the planning and implementation of NIH's EEO program; in 1969 he was on the committee that formed the first NIH EEO conference.

More recently, he was active in establishing the career development program here, particularly the Upward Mobility Program. Mr. Sangster was a member of the HEW Upward Mobility Advisory Board.

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He was instrumental in the planning and implementation of NIH's EEO program; in 1969 he was on the committee that formed the first NIH EEO conference.

More recently, he was active in establishing the career development program here, particularly the Upward Mobility Program. Mr. Sangster was a member of the HEW Upward Mobility Advisory Board.

Receives Citation

In 1973 Mr. Sangster received the HEW Secretary's Special Citation for promoting upward mobility concepts. This year, two organizations also honored him for this policy.

Last year, Mr. Sangster was given the HEW Secretary's Special Citation for promoting upward mobility concepts. This year, two organizations also honored him for this policy.

Volunteer Doctors, Technicians Needed for Mobile Med. Clinic

Mobile Med., Inc., of Montgomery County, needs volunteer doctors and medical laboratory technicians. The clinic travels to various county locations on four nights during the week.

For information about each clinic, call Mobile Med., weekdays, at 434-6744.

Chemists' Society Installs Grantee as Its President

An NIH grantee, Dr. Ralph T. Holman, professor of biochemistry at the University of Minnesota's Hormel Institute, was recently installed as president of the American Oil Chemists' Society at its annual meeting in Mexico City.

Supported by the National Institute of Arthritis, Metabolism, and Digestive Diseases and the National Heart and Lung Institute, Dr. Holman's research involves definitive analysis and molecular and biochemical properties of lipids, and subcellular and enzyme studies of the metabolism of unsaturated fatty acids.

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...ward mobility from the realms of dream, rhetoric, and policy to the level of program, reality, and results."

Mr. Sangster was also an active participant in the meetings of the NIH scientific directors.

Last week, he was given a retirement party at the Bethesda Naval Officers Club by colleagues and friends. His plans for the future include moving to Whispering Pines, N.C., playing golf, and doing consultant work.

Mr. Sangster received his undergraduate degree from Michigan State College and attended the University of Michigan for graduate work in public personnel administration.

Each of three groups comprising the Review Branch, NHLI Division of Extramural Affairs, received a cash award for "personal sacrifice and unstinting efforts." Responsible for providing all staff support for initial review of NHLI contract and special grant applications, the branch's workload increased manyfold during FY 1974 because of the added responsibility of contract review and the initiation of new grant programs. Dr. Jerome Green, DEA director, presented the awards to the Processing Unit and support and professional staffs — (standing 1 to r) Dr. George Hayden, Dr. Elliot Woltz, Nancy Poole, Louise Garrett, Dr. Arthur Merrick, Diane Wolman, Dr. Robert Stroud, Chris Ott, Dr. Charles Turbyfill, Louise Hoffmann, Bill Russ, Zena McCallum, Frank Mills, Kathy Humble, Dr. George Eaves, Dr. Rosemary Morris, Dr. Fred Haydrick, Dr. Samuel Schwartz, Debbie Bynon, and (seated) Ann McAuley, Ilse Harth, Lucy Price, Trude Hillard, Evelyn Cook, Ann Brown, Ann Dulaney, and Freda Gilbert.

Levi C. Carter Named Exec. Officer, DRS

Levi C. Carter was recently named executive officer of the Division of Research Services. He will assume his post July 7.

He began his Federal career in 1959 at the Department of State; he came to NIH in 1970.

Mr. Carter served as administrative officer of the Veterinary Resources Branch, DRS, from May 1970 to August 1972.

He leaves the post of special assistant to the associate director for operations of the Bureau of Health Resources Development, Health Resources Administration.

Prior to this, he served as administrative officer, Division of Manpower Intelligence, BHME.

Mr. Carter will be replacing John G. Dubay.

Mr. Carter has been a chapter president of the Society for the Advancement of Management.
NIH Visiting Scientists Program Participants

6/1—Dr. Sue Goo Rhee, Korea, Laboratory of Biochemistry. Sponsor: Dr. Pwee Boon Chock, NHLI, Bldg. 3, Rm. 202.

6/3—Dr. Isao Inoue, Japan, Laboratory of Neurology. Sponsor: Dr. Ichiji Tasaki, NIMH, Marine Biological Laboratories, Woods Hole, Mass.

6/16—Dr. Janos Jozsef Ladik, Hungary, Laboratory of Biophysical Chemistry. Sponsor: Dr. K. Laki, NIAMDD, Bldg. 4, Rm. B112.

6/17—Dr. Takashi Onodera, Japan, Laboratory of Oral Medicine. Sponsor: Dr. Michael Ross, NIDR, Bldg. 30, Rm. 228.

Four NIH basketball teams were highly successful on the courts this past season. In the Montgomery County Adult Recreation “C” League, the local “Red” and “White” teams took their division championships. After the “Red” team completed the regular season undefeated, they also went on to capture the league playoffs. Members of the two teams (left) are (kneeling I to r) Rick Newell, NINDS, Ken Kirk, NIAID, Sheldon Milstein, NIMH, Ed Raddon, DRS, Ray Danner, DCRT, and Ted Colburn, NIMH. In the back row are Mike Oxman, NLM, Damian Crane, NCI, Dave Nelson, NCI, Herb Press, NINDS, John Atkinson, NIAID, Alan Quint, NIMH, Henry Hennings, NCI, and Bruce Smith, NIMH. In the R & W Basketball League, the “Invaders,” winners of the regular season (center), included (seated I to r) Gerald Winston, DRG, John C. Bailar III, former deputy associate director for Cancer Control, NCI, replaces Dr. Mea F. Stanton, a pathologist, who is returning to full-time duty in the Institute’s Laboratory of Pathology after 6 years in the JNCI post.

2-3 Child Family Seems To Be Trend of Future Census Survey Reveals

The wave of the future in birth expectations appears to be the small two-to-three child family, according to a 1973 Bureau of Census survey.

Data contained in Fertility Expectations of American Women: June 1973 confirms the trend toward lower fertility levels observed in recent years.

Levels May Rise

The report cautions, however, that current low fertility levels may not be maintained in the long run, and that a rise could occur.

Young wives—18 to 24 years old—who have many years of child bearing ahead of them, expect to have an average of 2.3 children per married woman—allowing for other women who will never marry—about 2.1 per woman.

This average is above preliminary estimates from birth registration which put the average at 1.9 children per woman implied by 1973 rates.

Because a large number of women may be unable to limit their fertility as planned, the report notes, the current low expectation may be unrealistic.

NICHD Funds Study

Major support for the study was provided by the National Institute of Child Health and Human Development.


Dan Rice, NIMH, Retires After 28 Years in Gov’t

Dan Rice, National Institute of Mental Health, retired last week after 28 years of Federal service. Mr. Rice was information officer for the Mental Health Intramural Research Program.

At NIH 13 Years

Before joining NIMH in 1965, Mr. Rice had been with the Office of Research Information, OD. He served there for 13 years. When he left that office for NIMH, he was assistant chief of the News Branch.

Earlier, he had been with the Walter Reed Army Hospital and the D.C. Public Library.

A farewell party was given for him by colleagues and friends at NIH and Parklawn.

DR. STADTMAN

(Continued from Page 1)

Feinberg Heads AMWA Chapter

Dr. Richard Feinberg, NINDS, has been elected president of the mid-Atlantic chapter of the American Medical Writers Association.

Other NIH and Health Resources Administration staff members elected to the chapter’s board of directors include: Alexander F. Adler, Marjorie M. Edington, and Lucy M. Kramer, HRA; Mary E. Batchelor, formerly BHME, now retired, and Hilah B. Thomas, NIDR.
NIAID Awards Its First Grant for VD Research To Med. School Prof.

The National Institute of Allergy and Infectious Diseases has awarded its first program project grant for venereal disease research to Dr. King K. Holmes, a University of Washington scientist. The grant is for $188,004.

Venereal disease is one of the most serious public health problems in the United States today. Scientists at the Center for Disease Control estimate the annual number of new cases of gonorrhea to be about 2.5 million and of infectious syphilis at almost 55 thousand cases.

An increase in these diseases in recent years—gonorrhea in a real time high in the U.S.—has prompted health officials to expand anti-venereal disease programs in three areas—diagnostic, control, biomedical research, and public education.

As part of the research effort, NIAID awarded the grant to Dr. Holmes for the first year of a multidisciplinary approach to the VD problem.

Officials Expand Program

Dr. Holmes, an assistant professor of medicine, has coordinated the resources and facilities of his university, the Seattle-King County Health Department, Harborview Hospital, and the U.S. Public Health Service Hospital into an effective collaborative unit for the study of venereal disease.

Working under the direction of Dr. Holmes, scientists will explore three important areas of research: 1) clinical epidemiology and pathological changes leading to gonorrhea; 2) genetics in Neisseria gonorrhoeae (the causative organism in gonorrhea), and 3) the causes, clinical manifestations, and treatment of non-gonococcal urethritis.

Scientists on the first project will investigate the various properties of the gonococci involved in the disease process and the body's protective response to infections by these microorganisms.

Antigens Involved

It is believed that particles, known as antigens, of the microorganism, which might be used in identifying the various types of Neisseria gonorrhoeae or in diagnosing infection through blood tests, may also be involved in immunity to the disease.

In studying genetics of the gonococcus, researchers hope to increase their understanding of this organism's resistance to drugs, as well as to determine how its virulence is governed genetically.

The third project involves a venereal disorder of growing importance, non-gonococcal urethritis, of which the Chlamydia — infectious

Facts You Need to Know About Ticks Revealed in Interview With NIAID Expert

John E. Jackson, Jr., Alonzo L. Prather, Jr., Stanley E. Henson, Reynold C. Fletcher, and Walter Johnson, were cited for their skillful handling of a wide variety of experimental animals, many of them inoculated with highly infectious disease agents.

Dr. Burgdorfer

Dr. Burgdorfer heads the Rickettsial Diseases Section of NIAID's Rocky Mountain Laboratory in Hamilton, Mont.

The scientist says that parents should examine their children's bodies carefully for ticks twice a day when the youngsters live near or play in wooded areas.

A related problem exists if people go out with their dogs into wooded areas where the dogs pick up the ticks. Because pets usually associate with small children, the ticks may then get off the dog and bite the children. He urges that trousers be worn and long socks pulled up outside the trouser legs in wooded areas.

If the ticks are not yet attached, they can be picked off very readily. If they are attached, the best method, says Dr. Burgdorfer, is to use a pair of tweezers, and carefully pull the tick from the body. The tick should be destroyed immediately. Microorganisms that are not related to either bacteria or viruses — are suspected to be the cause.

The scientists will study sexual and active populations to determine the exact role that Chlamydia play in this disease, in post-gonococcal urethritis, and in other genitourinary disorders.

Therapy will also be evaluated. The possible role of yet another infectious microorganism, the mycoplasma, in causing NGU will be examined.

The number of cases of gonorrhea and syphilis reported to CDC is significantly lower than the Center estimates, either because the infected individual, not realizing that he or she is sick, does not seek treatment or because physicians do not always report their cases to public health officials.

In addition to the new cases of these two diseases annually, CDC scientists believe there may be as many as one-half million Americans in need of treatment for syphilis acquired in past years but as yet undetected.

Grant for VD Research

In 1954-55, he was a National Science Foundation Postdoctoral Fellow in that university's Pharmacology Institute.

In 1967, Dr. Chen returned to NIH as a grants associate, Division of Research Grants. The following year, he was named special assistant to the Assistant Director for Program Planning and Evaluation, OD.

He has also served as chief, Special Projects Branch, OD (1967-71), chief, Analysis and Evaluation Branch and Project Clearance Office, NIH (1971-72).

Dr. Chen is a member of several professional organizations including the American Physiological Society, American Chemical Society, Radiation Research Society, and the Biophysical Society.

He has published a number of scientific research articles and co-authored a book and several review chapters in monographs on pharmacology.

The fact is that ticks are small. They are usually found in wooded areas in recent years is one reason why more persons may now be exposed to ticks.

One tick-borne disease, which is serious and may be fatal if not recognized in time, is called Rocky Mountain Spotted Fever — really a misnomer because it has occurred over almost all the United States and is not confined to the mountains.

These and other facts about how to deal with ticks and the disease they sometimes cause were emphasized by Dr. Willy Burgdorfer in a recent interview.

Dr. Burgdorfer heads the Rickettsial Diseases Section of NIAID's Rocky Mountain Laboratory in Hamilton, Mont.

The scientist says that parents should examine their children's bodies carefully for ticks twice a day when the youngsters live near or play in wooded areas.

A related problem exists if people go out with their dogs into wooded areas where the dogs pick up the ticks. Because pets usually associate with small children, the ticks may then get off the dog and bite the children. He urges that trousers be worn and long socks pulled up outside the trouser legs in wooded areas.

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NLM’s Pictures—Worth 10,000 Words

Photographs and prints—illustrations of all kinds—are a library resource that has become more and more in demand during the past 20 years.

The National Library of Medicine has well over 55,000 pictures in its collection representing a vivid documentation of the history of medicine.

Lucinda Keister, NLM’s picture librarian, sees the collection as “a really powerful teaching tool.”

Ms. Keister, who is always looking for new prints, keeps in touch with gallery dealers to augment the collection. However, NLM’s own rare books provide many of the pictures that patrons request.

Health professionals, TV stations, national publications, and the general public all come to her seeking to replace 10 thousand words with a picture that packs a punch.

And Lucinda Keister supplies that picture for nearly every one of them.

In picture libraries the accent is on photographs as well as drawings. This photo, taken at NIH in 1955, shows a sequence in the development of open heart surgery. Twenty years ago ice was used during such procedures.

This woodcut from “De Re Metallica” by Agricola, a 400-year-old method of “occupational safety” is demonstrated. A horse working a treadmill activates a bellows which brings fresh air to miners working below ground.

James Gillray’s 1802 etching, “Scientific Researchers,” lampoons the public lectures given at the Royal Institution during the early 19th century. Gillray—a talented caricaturist—has had fun at the expense of certain London notables and fashionable dilettantes of his time.

By Nancy Breslau

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Otto Dix’s etching, “Der Gastote,” juxtaposed with an equally grim photograph of World War I gas victims captures the horror of war with an impact more powerful than ten thousand words. In the print Dix contrasts the rigid, immobile orderlies with the bloated, discolored bodies of the gassed soldiers. The photograph—from the WWI Signal Corps collection—shows the Allied side of the same tragedy. A man from a field hospital is reciting the funeral service for the dead.

By Nancy Breslau