

CHRISTMAS 1966

*He is no fool who gives away
that which he cannot keep
to gain that which he cannot lose.*

— James Elliot



DEAR CORNELLIAN:

Ten years ago the world was stunned to learn of the slaying of five American missionaries by the Auca Indians in Ecuador. These dedicated young men had thought they were making solid progress in communicating with members of the stone age tribe. Suddenly violence seemed to write tragedy and failure over their life efforts.

In the aftermath various interested persons — friends, fellow missionaries, reporters — poured over the diaries and other notations of the dead Americans to gain some inkling as to why the terrible change in attitude had taken place among the Aucas. No satisfactory clue was found; however, there were many evidences of an indomitable faith on the part of the men, which put the seeming tragedy in a larger perspective. The hand-written inscription on the inside of missionary James Elliot's Bible summed up the core of this faith in nineteen simple words: "*He is no fool who gives away that which he cannot keep to gain that which he cannot lose.*"

The devotion and sacrifice of these missionaries had an unusual degree of dramatic unselfishness to it. But in its essence it was not different from the sort of giving we find in various walks of life. There are many practitioners in our own veterinary profession who give unstintingly of themselves to their patients and clients. They regard their service to the community as being an end in itself rather than a means to a comfortable living. The same is true of many professors and staff members of this College who give full measure of themselves, whether in imparting as much to their students as possible or in pursuit of a research project. Actually, they are giving time and energy which cannot be preserved and gaining soul satisfaction which cannot be lost.

The whole matter of sharing or hoarding is provocative indeed. Back in the prosperous 20's a well-to-do man gave to his church a great and beautiful pipe organ. Then came the crash in 1929 and the same man, like countless others, lost everything he had. Gone was the business; gone were the savings; gone was the palatial home. And with the Depression came an ironic reversal of fate which brought him back to his own church as janitor. There it was that a reporter in search of a human interest story found him one day, leaning on a mop and listening to the organist in rehearsal. The reporter asked him for a comment on this strange twist of fortune.

And the man smiled and replied, "That which I kept, I lost. That which I gave away is all that I have left."

May the Christmas spirit of giving transcend the joyful exchange of material possessions to that ultimate moment of happiness when man, in giving himself, will understand man. *Merry Christmas!*



One of the concrete ways in which men strive for peace and good will is to combat poverty, misery, and illiteracy among their neighbors. The Schweitzer Hospital in Deschapelles, Haiti, is dedicated to do battle on all of these fronts and we are privileged to enter into the mission in a relationship which reached a new peak this year. Kenneth Platt ('66) became our sixth volunteer to serve in the program to control animal disease. Jack Baker ('51), Alan Grout ('64) and my assistant, Howard Quirk, each visited Deschapelles in the interests of this program. Alan took with him a Noah's Ark of heifers, goats, pigs, rabbits, and chickens which had been rounded up in New York and neighboring states under the aegis of Heifer Project. And visits to Cornell from the Chief of Surgery and the head of the farm system at Deschapelles added solid strands to the cord which joins us with that jungle community.

Over the past eight years there have been many changes in your alma mater. Many new names have appeared in the Christmas letters since 1959. It seems only proper, therefore, that you should see some of the faces that match these names.

Limitations in the size of the publication preclude the inclusion of students who are candidates for the D.V.M. degree, graduate and special students, field staff; also technical, clerical, and secretarial staff. However, we have attempted to include all others who were within reach of our College photographer during the preparation of this letter. This is but a glimpse, therefore, of some of the people who represent the Veterinary College, recognizing that for each photograph shown there are several other wonderful people who work just as hard and whose performance as members of the team make us profoundly grateful to be associated with them.



Robert E. Habel



Howard E. Evans



Wolfgang O. Sack



Alexander de Lahunta



Nils H. Björkman

ANATOMY

The "great American traditions" of rugged individualism and the right to dissent are kept viable in the Anatomy Department, where any given issue is likely to evoke five minority reports. For Chairman Bob Habel, the daily round is like a meal of spinach (administrative drudgery) and dessert (contributing to Sisson's standard text on anatomy and working on an international nomenclature for anatomy).

Howard Evans carries on nobly as Secretary of the College. Recently he and Wolf Sack (whose major translation work is at the half-way point) set about establishing a complete reference slide library of serially sectioned laboratory and domestic animals. Combining their own slide collections with the Kingsbury-Adelmann collection on indefinite loan from the College of Arts and Sciences, they are forming a library unparalleled of its kind with a replacement value of a quarter of a million dollars.

Sandy de Lahunta's dynamism shows no sign of ebbing. This year we have channeled some of it towards setting up the Annual Veterinary Conference (January 11, 12, and 13) which promises to be one of the best in the history of the event. The visiting professor's slot is currently occupied by Dr. Nils Björkman of the Royal Veterinary College of Stockholm, who is utilizing the electron microscope to further his already renowned study of the placenta.

PHYSIOLOGY

The Department of Physiology might better start its own scientific speakers' bureau or buy its own printing press if the present rate at which staff members are presenting and publishing papers continues. Chairman Al Sellers and Alan Dobson recently participated in a symposium sponsored by the American Gastroenterological Society at Lake Arrowhead, California. Meanwhile, Ed Stevens and Al have been invited by the American Physiological Society to contribute a chapter on "Rumination" to the Handbook of Physiology. During the year, John Wootton addressed the American Chemical Society on his work on substrate activation of bovine trypsin. Marion Anders has published results of his study of inhibition of drug metabolism in the liver, while Art Aronson has put into print his research on the toxicity of the chelating agent, calcium edathamil, which is used to mobilize lead and certain radioactive elements from the body. Emmett Bergman, our prober of parturient ketosis, has been appointed to the Metabolism Study Section of the National Institutes of Health as a consultant to the Surgeon General; and Lou Nangeroni is serving as President of the New York State Society for Medical Research, which is promoting positive legislation in regard to the use of animals in medical research.



Alvin F. Sellers



Alan Dobson



Charles E. Stevens



John F. Wootton



Marion W. Anders



Arthur L. Aronson



Emmett N. Bergman



Louis L. Nangeroni

PHYSICAL BIOLOGY



Cyril L. Comar



Edgar L. Gasteiger, Jr.



Robert H. Wasserman



Alison P. Casarett



John C. Thompson, Jr.



Daniel N. Tapper



Francis A. Kallfelz



Peter H. Craig

Variety is the spice of Physical Biology, whether one is speaking in scientific or social terms. Cyril Comar, the Department Chairman is serving on two international organizations, five national committees, and filling numerous campus assignments. He is publishing a fifth volume of his magnum opus, *Mineral Metabolism*, and fast becoming the scourge of the handball courts. Ed Gasteiger, following in the chief's footsteps, is a member of several University policy-making groups, one of which is undertaking to determine research patterns in computer programs. Bob Wasserman has a long waiting line of aspiring graduate students outside his door as he investigates the very fundamental area of transport of ions through membranes.

In addition to two children at home, Alison Casarett "mothers" ten college teachers annually through an Academic Year Institute under sponsorship of the National Science Foundation and the Atomic Energy Commission. Jay Georgi appears to thrive on his double life as research worker (hookworm in dogs) in Physical Biology and teacher (parasitology) in Pathology. John Thompson's double life finds his off hours occupied as civil defense leader, church pillar, and member of the school board, while in his office hours he is statistician and resource man in agricultural economics and food distribution.

The relay race which keeps one department professor in sabbatic orbit saw Dan Tapper return from Stockholm, Sweden, and Fred Lengemann depart for Vienna. Fred leaves behind a lucrative avocation as Christmas tree grower; Dan returns to build a new house and resume his research in receptor physiology.

Francis A. Kallfelz, with a D.V.M. and a Ph.D. from Cornell, is the newest addition to the staff. Fran will be expanding his thesis work in application of isotopes to clinical medicine and acting as a liaison in projects carried on in cooperation with the clinics.

PATHOLOGY

The Nebraska-reared Chairman of the Department of Pathology, Charles G. Rickard, has been devoting many of his extra-didactic hours to the establishment of a new feline leukemia research project and other neoplastic disease studies. Also working in these projects is Fernando Noronha, from Lisbon, plus a group of excellent research associates and graduate students.

Al Zeissig is Director of the Diagnostic Laboratory during the absence of Clyde I. Boyer, who is studying diseases of laboratory animals at Johns Hopkins University. Hans Adldinger from Munich is a new veterinary virologist, who will be working collaboratively with Neil Norcross on equine infectious anemia.

Harvey J. Olander, who has come to Cornell from California and Purdue, is teaching special pathology.

Jay R. Georgi has succeeded our peripatetic professor of clinical parasitology, Donald W. Baker. John H. Whitlock, continuing his fine work in experimental parasitology, is now the father of a brand new multi-channel auto-analyzer (biochemical fraction analyzer — has nothing to do with his Lincoln).

John Bentinck-Smith, our one-and-only clinical pathologist, is on sabbatical leave at the Armed Forces Institute of Pathology in Washington, D.C., and Lennart P. Krook, also a one-and-only (nutritional pathologist) is on sabbatical leave at the Cornell University Medical College, New York City, studying bone diseases.



L to R: Hans K. Adldinger, Alexander Zeissig



Charles G. Rickard



Clyde I. Boyer, Jr.



Harvey J. Olander



Jay R. Georgi



John H. Whitlock



John Bentinck-Smith



Lennart P. Krook



Fernando Noronha



L to R: Kyu M. Lee, Dorsey W. Bruner, James H. Gillespie

MICROBIOLOGY



James A. Baker



Leland E. Carmichael



Ben E. Sheffy

For a department with only six professors, Microbiology has an amazing record of productivity. Chairman Dorsey Bruner is Editor of the *Cornell Veterinarian*, is carrying on his teaching and research programs as of yore, and has recently completed and published (with Jim Gillespie) the fifth edition of *Hagan's Infectious Diseases of Domestic Animals*. Jim spends half of his time on assignment to the National Academy of Sciences, half of his time as Field Representative to the Graduate School, and half of his time doing research with his six major and six minor graduate students. Would you believe it? Kyu M. Lee's energies are divided between supervising the tissue culture production unit and research on bovine and feline leukemia.

Big things are happening at the Veterinary Virus Research Institute where Director James A. Baker has received construction awards from the National Institutes of Health and Cornell University totaling more than \$400,000. The new wing will accommodate general expansion of staff, graduate students, and research in canine disease. Speaking of which, Leland "Skip" Carmichael's research on the newly discovered canine herpes infection has won him a substantial five-year award from N.I.H. Ben Sheffy is on sabbatical leave studying with Dr. Anton Mayr in the Microbiology Department of the Veterinary College at the University of Munich.

LARGE ANIMAL

Kenneth McEntee, Chairman of the Department of Large Animal Medicine, Obstetrics, and Surgery, returned from his sabbatical leave at the Commonwealth Scientific and Industrial Research Organization laboratories in Melbourne, Australia, in September. He went "down under" to study the problem of vibriosis in cattle there. During his absence, Stephen J. Roberts carried the administrative responsibilities of the Department, including the development of a new equine Research Program. This is a joint effort between the Veterinary College and the College of Agriculture, with primary emphasis on bone and joint diseases and nutritional problems.

Herbert C. Schryver has joined our staff as Director of the Equine Research Program, coming to us from the University of Pennsylvania where he recently completed the requirements for the Ph.D. degree.

Steve Roberts is Chief of Obstetrics, Director of the Mastitis Control Program, and Chairman of the Joint Veterinary College-College of Agriculture Equine Research Planning and Advisory Committee. Francis Fox is Chief of Medical Service and Director of the Ambulatory Clinic. Don Delahanty is Chief of Surgery and Director of the Large Animal Hospital and Surgical Clinic. Steve is still the enthusiastic coach of the University Polo team. Francis serves on the Executive Board, AVMA, and frequently flies the skyways between Chicago and Ithaca. Don is on sabbatical leave in Paraguay, helping to develop the clinical program at the Veterinary College in Asuncion. During Don's absence, Frank Bracken of the Veterinary College at Washington State University has been filling in admirably.

Alex Winter continues his studies on vibriosis and other microbiological infections associated with problems of infertility in livestock. Bob Kenney is involved in the pathological and endocrinological aspects of the reproductive disease program.

Neil Norcross is continuing his immunochemical studies relating to bovine

mastitis and also has become actively engaged in research on equine infectious anemia, working toward the development of a precise laboratory method for the diagnosis of the disease.

Wendell Loomis and Jack Lowe are busy in the surgical clinic and teaching program on surgical diseases of large animals, with Bob Whitlock serving as surgical intern. Jack Geary has returned to Cornell from Auburn, Alabama, as Associate Professor of Radiology. He is working on plans for a very promising expansion of the radiological service and research programs.

Bob Hillman is teaching the course in Medicine which Myron G. Fincher offered for many years, and is also very much a part of the ambulatory clinic, along with Dick Bartholomew, Ken Braun, and Tom Albert; three medical interns full o' pep, vim, and vinegar.

Henry Dunn and Don Lein (who joined us as a Senior Research Assistant after eight years in private practice) are members of the team probing the difficult problems of infertility; Henry doing cytogenetic and biostatistical studies and Don clinical field studies. All of this, of course, is integrated with the laboratory studies on infertility under McEntee, Kenney, Winter, and Company.

Dick Guthrie, Linc Field, and Seth Johnson are the Ithaca stalwarts in the Mastitis Control Program. For avocations, Dick is a fine florist, Linc is a fisherman whose skill with the line makes some of us green with jealousy, and Seth is quite a cross-country traveler and photographer.

Bob Kahrs is teaching epidemiology and infectious diseases and has been setting up a Termatrix light-scanning card system of data processing for retrieval, enumeration, and correlation, serving the clinics and ancillary laboratories.

Bruce Haynes, our competent Extension Veterinarian, has launched a new program in continuous education, working as a member of the staff of the Veterinary College and of the Extension Service, College of Agriculture. At the present time, he has both sleeves rolled up, working on plans for using biomedical audiovisual aids which have exciting teaching possibilities for students, staff, and practitioners.

MEDICINE, OBSTETRICS, AND SURGERY



Kenneth McEntee



Wendell K. Loomis



Frank K. Bracken



John E. Lowe



Francis H. Fox



Jack C. Geary



Robert H. Whitlock



Donald D. Delahanty



L to R: Thomas F. Albert, Robert B. Hillman, R. Kenneth Braun, Richard C. Bartholomew



Herbert C. Schryver



Neil L. Norcross



Alexander J. Winter



Donald H. Lein



Henry O. Dunn



N. Bruce Haynes



L to R: Lincoln E. Field, Seth D. Johnson, Richard S. Guthrie, Stephen J. Roberts



Robert M. Kenney



Robert F. Kahrs

AVIAN DISEASES



L to R: Bruce W. Calnek, P. Philip Levine, Julius Fabricant, Stephen B. Hitchner, Malcolm C. Peckham

In an ill-kept chicken house somewhere in the United States the National Association of Poultry Disease Organisms recently held its annual meeting. Subject: "Why are our members dying off?" And after three days of plenary sessions, symposia, and seminars, it was decided that the number one foe is Cornell's Department of Avian Diseases.

The leukosis faction reported that Bruce Calnek, with substantial help from the National Institutes of Health, was making devastating attacks on their ranks. The mycoplasma troops ex-

pressed grave concern about Julius Fabricant, who has in past years already annihilated some of their fellow organisms. The coccidiosis and bronchitis delegations were horrified at the news that Phil Levine and Steve Hitchner had joined forces. And there was bitter complaint about the photographic surveillance which Mal Peckham maintains over any attempted forays by members of the N.A.P.D.O. *Resolved*, Next meeting will be as far from Ithaca as possible.

When Phil Levine asked to be relieved of the administrative portion of his duties two years ago, we rallied all available wit and charm to dissuade him. Last year his request had a more imperative ring to it; and although Phil is too gentlemanly to threaten, we distinctly got the message. His resignation as Department Chairman was reluctantly accepted and we entertained suggestions for possible successors. Several names were put forth and so we approached the best man first—Dr. Steven B. Hitchner—and were graciously turned down. (These avian chaps are polite but stubborn.) Eventually, however, by dint of hard work and good fortune,

we were able to persuade him to reconsider.

Steve brings a rich background of study, teaching, and industrial experience in diseases of poultry. A graduate of Rutgers University (where he was an All-American in lacrosse) with a V.M.D. from the University of Pennsylvania, he was a professor at the University of Massachusetts from 1949–1953. During the years between 1953 and 1964 he developed and operated two private scientific laboratories for the production of poultry vaccines. With Steve Hitchner and Phil Levine both on our avian team, we are prepared to challenge the old axiom that "you can't eat your cake and have it too."



Ellis P. Leonard

SMALL ANIMAL MEDICINE AND SURGERY



L to R: W. Bruce Butler, John A. Mulnix, Tom M. Neal, Robert W. Kirk, Stephen I. Bistner, George E. Ross, Jr.

While Ellis P. Leonard is on sabbatical leave, writing an important book on surgical techniques, Bob Kirk has been covering the administrative responsibilities as Department Head and Director of the Hospital, and has been developing a particular interest in skin diseases. George E. Ross, Jr., involved in bone grafting, intervertebral disc fenestrations, and gastric torsion, is handling most of the surgical problems.

John A. Mulnix, new Assistant Professor of Small Animal Medicine, is an internist from Colorado. He joined the faculty last February.

A trio of competent and energetic interns adds a full measure of clinical excellence to the Department: Stephen I. Bistner, graduate of Rutgers and Cornell; W. Bruce Butler of Ohio State; and Tom M. Neal of Texas A & M University.

ADMINISTRATION



Lindley C. Kent



A. Gordon Danks



George C. Poppensiek



Howard E. Quirk

Anyone who doesn't know Lindley C. Kent or A. Gordon Danks doesn't know this College. Gordon first made his appearance in 1929 and, with the exception of a few forays into the hinterlands (Illinois, Kansas, Pennsylvania), has been here ever since. In recent years he has been directing the selection of incoming students and administration of student affairs, tasks which he handles with great care. Lindley came twenty-five years ago and has been our chancellor of the exchequer, a function which he likewise administers with great care. Howard E. Quirk serves as roving Man Friday and is apt to be in Wash-

ington at a Senate hearing or at Day Hall with a grant proposal, or taking notes at a meeting of the curriculum committee, or possibly even in his office. My privileges and responsibilities as Dean continue to keep me out of mischief with the usual amount of extramural participation on national and international committees. On one of my South American trips I had the pleasure of meeting several alumni at San Marcos University in Lima, Peru, and discussed with them the possibility of a College to College relationship between their institution and ours.

LIBRARY

The Flower Veterinary Library grows steadily in its offerings and services toward that day when the walls will be moved out either by contractors or by pressure from within. We have more than forty-five thousand volumes on the shelves and subscribe to more than 950 serials and periodicals. The resources



L to R: Mia Reinap, Susan Wicoff, Lisbeth Rawski

increase year by year as the printing industry flourishes. But the figures of the librarians themselves do not grow, thanks to a vigorous regimen of exercise in off hours. Mia Reinap swims daily; Susan Wicoff is a regular equestrian; and Lisbeth Rawski engages in square dancing.

*God give us more men like these! A time like this demands
 Strong minds, great hearts, true faith and ready hands;
 Men whom the lust of office does not kill!
 Men whom the spoils of office cannot buy!
 Men who possess opinions and a will;
 Men who have honor; men who will not lie;
 Men who can stand before a demagogue,
 And dam his treacherous flatteries without winking;
 Tall men, sun-crowned, who live above the fog
 In public duty and in private thinking!
 For while the rabble, with their thumb-worn creeds,
 Their large professions, and their little deeds,
 Mingle in selfish strife, Lo! Freedom weeps,
 Wrong rules the land, and waiting Justice, sleeps!*

— paraphrased after Josiah Gilbert Holland, M.D.



Donald W. Baker



H. Hugh Dukes



Joseph A. Dye

OUR EMERITI



Hadley C. Stephenson



Myron G. Fincher



Peter Olafson



Herbert L. Gilman

Donald W. Baker is working for the United States Department of Agriculture, Parasitology Research Division, Albuquerque, New Mexico. H. Hugh Dukes is in Des Moines, Iowa, and was the recipient of an honorary Doctor of Science degree from Clemson University in May, 1966. Joseph A. Dye and Hadley C. Stephenson are in Ithaca, although Steve has been on a speaking circuit in Georgia, Florida, Ohio, and New York. Mike Fincher and Peter Olafson are still in Zaria, Northern Nigeria, at Ahmadu Bello University, working toward the establishment of a new Veterinary College there. Herbert Gilman spends most of his time in Florida but we do see him occasionally in Ithaca. These men represent the builders of the College and the excellent facilities which we enjoy today: bricks and mortar, and beyond that, the building stones of specialized knowledge, of self-discipline, of searching minds laboring to learn more. Even as they have wrought and built, so must we, that those who follow will have space, equipment, and the intellectual preparation to reach beyond the limits of our horizons.

The physical plant for the Veterinary College was built at the east end of Tower Road in 1955 and occupied in 1957. Since then the staff has been doubled. The enrollment for the first year class was increased from fifty to sixty adding from thirty-five to forty students to the previous total enrollment for D.V.M. candidates. The graduate student enrollment undulates, but there has been a consistent increase each year, especially during the past six years, to a total of seventy-one today. Rooms have been remodeled and facilities squeezed to the limits. Consequently, it has been necessary to plan for expansion.

A Feline Leukemia Research Laboratory building, sponsored by the National Cancer Institute, is nearing completion, and an Isolation Building for the study of equine infectious anemia is under construction. The Veterinary Virus Research Institute has plans drawn and funds approved for a new wing. Further, preliminary plans have been prepared for new laboratory animal facilities. In essence, a construction program approaching one and a half million dollars is underway. We expect that more will follow, including an additional new Multicategorical Research Wing, one-third the size of the present college facility, that has been proposed for architectural planning. Eventually our teaching facilities also must expand.

*At last, with evening, as I turned
Homeward, and thought what I had learned
And all that there was still to probe —
I caught the glory of His robe
Where the last fires of sunset burned*

— from *Vestigia* by Bliss Carman

Word of the deaths of the following alumni has reached us during the year: . .

ERNEST C. BAXTER '30, Pasadena, California
BERT J. CADY '04, Richfield Springs, New York
H. DRISCOLL CAIN '34, Carmel, Indiana
CHARLES M. CARPENTER '17, Los Angeles, California
JAMES S. CRAWFORD '27, New Hyde Park, New York
LEO A. FORTUNE '29, Ogdensburg, New York
ARCHIBALD FREER '13, Napanoch, New York
ROBERT W. FULLER '18, Batavia, New York
CALVIN E. HALL '29, Canton, New York
JOHN F. JANSEN '15, Albany, New York
MYRLE F. LEE '28, Babylon, New York
GEORGE W. LITTLE '09, Scarsdale, New York
FREDERIC H. MCNAIR '05, Berkeley, California
MARIANO R. MONTEMAYOR '22, Manila, Philippines
THOMAS A. SHELDON '07, Rhinebeck, New York
ALBERT K. TICE '35, Cortland, New York
JACOB TRAUM '05, Berkeley, California
MATTHEW A. TROY '43, Pelham, New York
WILLIAM E. ULMER '28, Rhinebeck, New York
GLEN J. WEAVER '36, Akron, New York
WILLIAM W. WYNN '29, Bridgeton, New Jersey



The New Year approaches swiftly and silently; again we come to that season of renewal when we look forward with a delightful eagerness to sunrise more than sunset, the birth of spring rather than the steep slopes of autumn. A master of the quill, writing for *The New York Times*, has called it "the throb of time":

"The lesser voices are stilled, but *the throb of time* and change beats beneath the sighing of the wind in the hemlocks and the rush of the wind in the naked maples; the cold and wintry wind. Restless, surging life has retreated to the root, the bulb, the seed and the bud. Life sleeps in the egg, awaiting another spring. And the elemental strength of the hills, the substance of growth itself, communes with the wedging frost and the gouging ice. The wind may howl and roar, but the earth and its insistencies of life whisper of time and eternities.

"Another spring is already patterned, but the inevitability has its own rhythms and patterns. The sign of the Archer rules among the stars, with the Goat to follow, and the Water Boy and the Fishes before the Zodiac brings the Lamb and spring. The mysterious perfection of the snowflake has its season, to be followed by the miracle of melt. But time flows, and changes, and the great tides wash over the enduring hills. And man, privileged to know the year whole and complete, can hear the whisper of certainty in the deep throb of the earth and the answering beat of his own pulse."

As we respond to the nudging throb of time, may we find in the year ahead new opportunities for service and new satisfaction in serving, higher planes for professional growth, and taller principles upon which to build.

Sincerely,

A handwritten signature in cursive script, reading "Roy Eppensick".

