

**T**he University Museum provided the backdrop for a colorful spectacle on October 15 when the dean and the faculty of the School of Veterinary Medicine marched in full regalia from the North America Gallery to the Harrison Auditorium for the Centennial Convocation.

To mark the hundredth anniversary of its School of Veterinary Medicine, the University of Pennsylvania awarded honorary degrees to five international scholars in the field of veterinary medicine and four individuals who have shown a lifelong commitment to the land and to the health and welfare of animals.

University President Sheldon Hackney opened the ceremony with an address "A Hundred Years of Health Care for Animals and Man." Dean Robert R. Marshak spoke on behalf of the School and E. Lawson Soulsby presented the Centennial Convocation Address.

The degree recipients were Mark Whittier Allam, former dean of the School; Roger Andrew Caras, author, radio and television commentator on pets and wildlife, and Overseer; Fitz Eugene Dixon, University Trustee, farmer, Thoroughbred horse breeder, philanthropist and civic leader; Rudolf Fankhauser, former dean of the School of Veterinary Medicine, University of Berne, and Rector magnificus of that institution; Ainsley Iggo, dean, Faculty of Veterinary Medicine, University of Edinburgh Royal (Dick) School of Veterinary Medicine; Theodora Ayer Randolph, former Overseer, breeder of show horses and hunters, and president of the oldest horse show in the nation; Margaret McGrath Rockefeller, Overseer, farmer, organizer of the American Farmland Trust and of the Maine Coast Heritage Trust; Susumu Ohno, researcher and scientist, The Ben Horowitz Distinguished Scientist in Reproductive Genetics, City of Hope Research Institute; Ernest Jackson Lawson Soulsby, Professor of Animal Pathology and Head of the Department of Clinical Veterinary Medicine, Cambridge, former Professor of Parasitology at the Graduate School of Arts and Sciences, University of Pennsylvania, and former chairman of the Department of Pathobiology at the Veterinary School.

**MARK WHITTIER ALLAM**

*Spearheading the move away from old vocational modes of instruction, as professor and dean at the Pennsylvania School of Veterinary Medicine for three decades you oversaw the momentous reforms that integrated veterinary medicine within Penn's academic health center. During a period of unprecedented growth and turbulence in the fifties and sixties, you led your School from the verge of extinction to a position of eminence among the great veterinary institutions of the world.*

*A pioneering graduate of the School—as well as a direct descendant of reformer and poet, John Greenleaf Whittier—you were the first veterinarian to pursue advanced studies in surgery at the University's School of Medicine. Leaving your thriving practice to return as an assistant professor and a champion of aseptic veterinary surgery, you raised your specialty to new levels of sophistication and were the prime mover in establishing the American College of Veterinary Surgeons. At Penn, you recognized that the existing physical plant was more interesting for its venerable history than for*



Mark Whittier Allam

# CENTENNIAL CONVOCATION

The honorary degrees were conferred by Sheldon Hackney, president of the University of Pennsylvania, assisted by Provost Thomas Ehrlich and Secretary Mary Ann Meyers.

*its service to modern medicine, and your progressive administration initiated construction of urgently-needed basic science facilities on the Philadelphia campus, while establishing the now world-famous New Bolton Center in beautiful, historic Chester County. In a contribution quite as vital as bricks and mortar or verdant acreage, you built a faculty recruited from among the leaders in medical specialties all over the world. Reinforcing essential links between the School and agricultural and dairy interests in the Commonwealth, you have worked tirelessly to convince organizations and legislators alike that they have a friend—and an invaluable resource—at the Pennsylvania School of Veterinary Medicine.*

*Aware of your recent election as an Honorary Fellow of the Royal College of Veterinary Medicine, the Trustees of the University of Pennsylvania, which you further served as Assistant Vice President for Health Affairs, now salute you, Mark Whittier Allam, for your farsighted vision and your infectious and continuing optimism, and honor your unflagging, irreplaceable devotion to your profession and your alma mater with the award of a second Pennsylvania degree, the Doctor of Science, honoris causa.*

**ROGER ANDREW CARAS**

*An outstanding naturalist who has specialized in the study of the social, cultural, and behavioral interactions between animals and society; you have supplied the American public with information and constructive awareness of the animals who share this earth with humankind.*

*Author of more than forty accurate and widely-read books, including children's stories and invaluable guides to pet selection and care, you have frequently taken the bull by the horns in television spots and the radio programs you host. Writing of the Private Lives of Animals as well as those that are Dangerous to Man, on television you have tackled such questions as the consequences to animal life of the Alaska pipeline, the problem of stray dogs in urban communities, and the obligations of responsible pet ownership. At a time when a vigorous animal rights movement, trying to enter the mainstream of American society, is stressed by emotionalism, extremism, and politicization, you have worked effectively for balance and understanding. Serving as Vice President of the Humane Society of the United States, but refusing to take an anti-vivisectionist position, and with an expressed appreciation for medical research, you have earned the respect of professionals, partisans, and the general public alike. An educator from outside the confines of academe, you have worked closely with the Board of Overseers of the University of Pennsylvania's School of Veterinary Medicine, and, in association with the Center for the Interaction of Animals and Society, you were the first person to introduce our students to social and behavioral issues related to animals in an elective course entitled "Society and Veterinary Medicine"—one of the most successful in the School's history.*

*Saluting you as a brilliant, original man, uniquely important to American society, the Trustees of the University are proud to join your admirers, colleagues, and friends both in and outside the homes and classrooms of Pennsylvania, and to recognize you, Roger Andrew Caras, as a humane and sophisticated spokesman for animal welfare with the award of the honorary degree, Doctor of Laws.*



Roger Andrew Caras

**FITZ EUGENE DIXON, JR.**

*Following a family tradition for voluntary service, as well as excellence in horsemanship, you have yourself set a record for varied and far-reaching support to Philadelphia and the Commonwealth, and for contributions to the common weal of citizens and animals alike as civic leader, farmer, and philanthropist.*

*Though born in Maine, and a student at Harvard, you have been well-rooted in the Philadelphia area for much of the past half century. Having spent happy school days at The Episcopal Academy, you returned there from college to direct the admissions program and to coach. Since that time, you have continued to make your mark on the world of sport as owner of champion professional teams from the 76ers to the Philadelphia Phillies. A member of distinguished equine organizations, including the Jockey Club, you are a director, as well as the proud parent of a member of the United States Equestrian Team.*

*To the citizens of Philadelphia, you have presented your lasting gift of  $\frac{LO}{VE}$ —explicitly in the sculpture that has become the "logo" of the City of Brotherly Love, implicitly in your diverse service as Chairman of the Delaware River Port Authority, the Fairmount Park Commission, the Germantown Hospital Board, and the Commonwealth's new State System of Higher Education. Serving as Chairman of Trustees at both Temple and Widener Universities, you have helped nurture the physical development of each sister institution.*

*Your deep devotion to the land and to the animal world, evinced in the landscaped beauty and the superbly-bred inhabitants of your Erdenheim Farm, has found sympathetic resonance in the specimen plantings and biological research conducted by your neighbor in Whitemarsh—the University's Morris Arboretum—which has, in turn, been the beneficiary of your largesse. Sharing an intense involvement with horses and the thoroughbred industry with your uncle, George D. Widener, you have given generous support to the Veterinary School's New Bolton Center where the Hospital for Large Animals is a cherished tribute to him and a true expression of your own focused philanthropy.*

*Aware that you are a member of every distinguished club from Maine to Florida, and that you have already receive nine honorary degrees as well as blue ribbons galore, the Trustees of the University of Pennsylvania consider it an honor, Fitz Eugene Dixon, to welcome you into their own circle of winners, and, at the same time, to reward your faultless course with their highest trophy, the honorary degree, Doctor of Laws.*

**RUDOLF FANKHAUSER**

*An outstanding pathologist, a compassionate and skillful clinician, and a perceptive historian and scholar, you have made significant and original contributions to the fields of comparative neurology and neuropathology and have been a vital force in establishing both of these specialties as thriving disciplines in veterinary medicine.*

*Your personal research, unparalleled in the field, has touched on virtually every disease mechanism involved in the many nervous system disorders that occur naturally in domesticated, laboratory, and wildlife animal species. The widest dissemination of the fruits of your investigations has*



Fitz Eugene Dixon



**Rudolf Fankhauser**

been assured by your mastery of French, Italian, and English in addition to the German of your native Swiss Canton. Truly an international center, and a mecca for visiting scientists, your laboratory, the Institute for Comparative Neurology, is known for a tone and style defined by your own industry, generosity, and grace, as well as for its inexhaustible supply of neuropathological specimens from around the world. Professor ordinarius at the University of Bern, you have served both as dean of the faculty of veterinary medicine and as Rector magnificus. You edited the prestigious journal *Schweizer Archive für Tierheilkunde* for over a decade, and extending the purview of your strictly professional pursuits, you have earned recognition as historiographer of the events and interrelationships in the annals of veterinary medicine.

Pleased to confirm the international flavor of your many awards, the Trustees welcome you to the University of Pennsylvania and proudly add their commendation, by presenting their highest tribute to you **Rudolf Fankhauser**, the honorary degree, Doctor of Science.

**AINSLEY IGGO**

Graduating with a degree in agricultural science in your native New Zealand, in Scotland you have served successively on an undergraduate faculty, a medical faculty, and a veterinary faculty. Successful in nurturing a generation of scientifically trained veterinarians as head of veterinary physiology and dean of the faculty of veterinary medicine at the University of Edinburgh, you continue to stand at the forefront of the world's distinguished medical investigators.

Illuminating the annals of neurophysiology through your scholarly writings and reviews and as editor of prestigious journals, you have advanced knowledge in the specific area of nervous regulation of ruminant digestive function through the work of your productive laboratory. In a further contribution to the understanding of pain, and tactile and temperature sensation, you demonstrated the role of a specialized skin sensor in localizing touch sensation, now universally known as the Iggo dome receptor. Sought after as a counselor, you have guided accreditation of our American veterinary schools, and the staffing of the East Scotland College of Agriculture and your own University faculty; your international acclaim as a scientist is reflected in invitations to serve as visiting professor at universities from Ibadan to Nairobi, and Heidelberg to Kyoto.

Significantly advancing human knowledge through your scientific achievements, you have made a monumental contribution to veterinary education, science, and veterinary interests in general. Proud to contribute to your honors and distinctions, which include election as a Fellow of the Royal Society of Edinburgh and of the Royal Society of London, the Trustees of the University of Pennsylvania invite you, **Ainsley Iggo**, to accept from their hand the honorary degree, Doctor of Science.

**SUSUMU OHNO**

Veterinarian, distinguished research scientist, and equestrian, you have made a fundamental contribution both to basic genetics and reproductive biology.

Forwarding present understanding of sex determination and X chromosome inactivation in mammals through your early concepts and experiments, you were among the first to recognize that the genes on the X chromosome have been conserved throughout evolution. Positing that genes found on the X in one species are likely to be X-linked in all mammals, this principle has been widely accepted as "Ohno's Law." Characteristically imaginative and prescient, your published theories on evolution by gene duplication, described as



**Ainsley Iggo**

early as 1968, have provided a valuable framework for the interpretation of recent findings on the molecular structure of genes and gene families.

Possessed of an extraordinarily broad understanding of biology, as well as a brilliant and inventive mind, you have not limited yourself to observations derived from one or even a few organisms. At home with fish, birds, as well as mammals of all species, you have utilized knowledge from the biological world wherever there is a fundamental question to be illuminated, and your insights, confidence, and success as theorist and experimentalist result from your truly comparative approach. At a time of increasing specialization in science, your contributions thus serve as a reminder that, for the able and imaginative investigator at least, it is still possible to grasp, speculate upon, and answer the broadest of biological questions.

Yours has been a broad brush, wielded by a bold hand. Applauding your gifts and acknowledging your magnificent contributions to comparative biology, the Trustees of the University of Pennsylvania are honored to invite you, **Susumu Ohno**, to accept the degree of Doctor of Science, honoris causa.

**THEODORA AYER RANDOLPH**

A founder of the Washington International Horse Show, and president, at Grafton Farm, of the Upperville Colt and Horse Show—the oldest in the land—you have been chair or member, past, present, and probably future, of so many horse-related organizations and events that, in 1982, you were named Virginia Horse Council's Person of the Year.

Arriving in your beloved Virginia as a student at Foxcroft School in Middleburg, in a spiritual sense you never went home again. Although you and your pony Silver Foot went out with the Myopia Hunt north of Boston some seventy years ago, and you raised a family on Long Island, for the past thirty years you have been Master of the Piedmont Fox Hounds in Virginia. You have averred that it takes all day to have a baby or go hunting, and you have had three daughters—but seldom missed an opportunity to hunt.

With your natural eye for a good horse, you turned your working farms in Virginia to the breeding of top class show horses and hunters. Among your greatest achievements were Bon Nouvel, thrice Steeplechase Horse of the Year, and Black Atom and Quiet Flite, both America's high-score conformation hunters. In a fancy that predates their official recognition in America in 1936, you remain an active breeder of Norwich Terriers; as a result of your "open door" policy toward your canine friends, they are pleased to make your historically-registered house their domain.

Yours is a life passionately dedicated to the welfare of animals and the preservation of the land. Supporting those causes and institutions that share and advance your convictions, at the University of Pennsylvania you have served as Overseer of the School of Veterinary Medicine and as co-chair of a National Advisory Committee, which raised the funds for the C. Mahlon Kline Orthopedic and Rehabilitation Center on our New Bolton campus. With admiration and affection, the Trustees of the University of Pennsylvania now confer upon you, **Theodora Ayer Randolph**, protector, conservator, and farmer—the Kingfish—and, above all, champion of the integrity of the horse in sport, the degree Doctor of Laws, honoris causa.

**MARGARET McGRATH ROCKEFELLER**

A "hands-on" farmer with a major Simmental breeding program in New York State and off the coast of Maine, you learned the costs of trial-and-error farming the hard way. Your frustration at losing large calves at birthing eventually



**Susumu Ohno**

led you to the University of Pennsylvania, where you registered in a special course in bovine obstetrics. Dedicated to the survival of the small farmer, you went on to guide others, including inexperienced young homesteaders who lack substantive knowledge of the tough economic realities of farming, by moderating the highly successful "Short Course for New Farmers" that was instituted, at your urging, by the School of Veterinary Medicine.

Discovering that an island you purchased with your husband to protect it from development had formerly supported nineteen small farms, you determined to restore the hard-won fields, while proving that raising fine beef cattle can be a worthy business proposition, not just a tax shelter. When you learned that seven percent of prime farmland goes out of agriculture each year, you helped organize the American Farmland Trust to protect this irreplaceable natural treasure. You organized the Maine Coast Heritage Trust to preserve the natural beauty of that state, and you are further responsible for the published series, *Wildflowers of the United States*. In New York, where you served on the board of the Philharmonic as well as of the Botanical Garden, you helped found the Music Assistance Fund to help black students further their studies in classical music.

A daughter—or granddaughter—of Pennsylvania, since your father graduated with the Class of '98, you have committed your own energies to your alma mater as an Overseer of the School of Veterinary Medicine. Knowing that you have always wanted to be a doctor, the Trustees are honored to prescribe the Doctor of Laws, honoris causa, to you, **Margaret McGrath Rockefeller**, in recognition of a remarkable syndrome characterized by your dedication to animals, to the land, and to our American farm heritage.

**ERNEST JACKSON LAWSON SOULSBY**

A spirited advocate of excellence in all things, through your distinguished contributions, prolific scholarly writings, and training programs for graduate students, you are, in large measure, responsible for the establishment of immunoparasitology as a contemporary medical discipline.

In pioneering studies on immune responses to nematode infections, you helped set the stage for the subsequent explosion of interest in the field. Providing inspiration to colleagues and graduate students alike, your labors have contributed to an understanding of the various contributions made by cells and antibodies to protective as well as to pathological responses, while holding out the hope that, within our lifetime, scourges of mankind—malaria, schistosomiasis, and filariasis—may finally be controlled.

In a career that has taken you from veterinary practice in rural England to academic positions at two of the world's leading schools of veterinary medicine—the University of Pennsylvania and Cambridge University—you have provided wise counsel to governments and international agencies and organizations, Consultant to foundations as well as to industry, you have been much sought after as visiting professor at academic institutions around the world. Your membership in every major society in your field culminated in your recent election as President of the Royal College of Veterinary Surgeons.

At the University of Pennsylvania, where you were praised as a teacher, respected as a chairman, revered as a mentor and scientist, and a much loved colleague and friend, the Trustees recognize your fourteen years of leadership as an important determinant in the School's rise to prominence among its peer institutions. Saluting you for your vision, dedication, and the fullness of your achievements, they take pride in conferring on you, **Ernest Jackson Lawson Soulsby**, the honorary degree, Doctor of Science.



**Theodora Ayer Randolph**



**Margaret McGrath Rockefeller**



**Ernest Jackson Lawson Soulsby**