

WHO IS CALVIN SCHWABE?



Widely known as “the father of modern epidemiology,” the late Calvin Schwabe had a productive and inspiring career that spanned 52 years. Twenty-five of those years were spent at UC Davis School of Veterinary Medicine as a professor of epidemiology, where he made significant and broad contributions to the study of zoonotic diseases, production and food-animal medicine, and public health.

The term “one medicine” was used by Dr. Schwabe in his 1984 book, *Veterinary Medicine and Human Health*, to describe a synergy that can emerge when health practitioners and scientists collaborate. The Calvin Schwabe One Health Project honors Dr. Schwabe’s vision.

WHAT IS ONE HEALTH?

One Health is a contemporary term describing the collaboration of various scientific disciplines in the pursuit of better health for all: humans, animals, and ecosystems. It is an emerging area of professional practice arising from the recognition of the growing interconnections and overlap—economic, cultural, and physical—of these constituencies. One Health understands that humans do not exist in isolation, but are part of the larger, total living ecosystem, and that the activities and conditions of each member affect the others.



THE CHALLENGE



By virtue of their education in comparative medicine, preventive research, and zoonotic training, veterinarians already work at the interface of human, animal, and environmental health. The unique challenges facing the world today mean that the incoming generation of veterinary students needs to be prepared to think and strategize with science colleagues, create team solutions, and problem-solve as a global unit on behalf of the changing planet. Food, water, and soil safety have become paramount, as have zoonotic disease challenges and environmental shifts. Without the strong basis of a healthy environment, there is no hope of maintaining the health of living beings.

THE PROJECT



For over a century, veterinary medicine has excelled in producing practitioners who possess expertise in clinical medicine for individual animal patients. Most graduating veterinarians still choose to practice in clinical medicine. But today, due to sobering global challenges—land and climatic shifts, globalization, urbanization, human population footprints, food and water safety, bio-event threats, pollution, and emerging zoonotic diseases, to name a few—veterinarians are needed to fill roles broader than that of the “small-animal doctor.” The overarching mission of the Calvin Schwabe One Health Project is to prepare a new generation of veterinary practitioners who are educated and skilled in a broad arena that includes not only traditional clinical animal medicine, but also public health and ecosystem conservation.

THE GOALS

One main priority of the One Health Project is to support veterinary students’ pursuit of “one health” experiences (externships) while in school. The heart of the Calvin Schwabe project is its adaptability. Plans include the creation of One Health internships, fellowships, and post-graduate positions in the discipline, with the aim of transitioning practitioners into One Health careers, but the overall project is nimble and dynamic. It will evolve as the landscape of One Health itself evolves, identifying and incorporating ever-emerging opportunities in the field.

SUPPORT A STUDENT

Yes! I (We) would like to support the pioneering vision of Dr. Calvin Schwabe with a gift to the One Health Project.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

E-mail: _____

Please sign me up for the School’s on-line newsletter, *the Spotlight*.

Examples of ways in which your gift might be put into action:

A gift of \$10,000 would pay tuition for a graduate DVM student to pursue an MPVM or MPH degree.

A gift of \$5,000 would provide a veterinary student the ability to travel to an underserved country in pursuit of a global-one health experience.

A gift of \$1,000 would support a student project surveying farm animals for antibiotic resistance problems.

A gift of \$500 would offer a student the opportunity to participate in a summer project with wildlife veterinarians or conservation biologists studying issues like mass amphibian or avian mortality events.

A gift of \$100 would assist a DVM student with expenses to attend a seminar at another UC campus

Enclosed is my (our) gift of \$ _____

Please make checks payable to UC Regents.

American Express/Discover/Visa/MasterCard accepted (\$25 minimum)

Card Number: _____

Expiration Date: _____ Name on Card: _____

Signature: _____

This is a (memorial tribute) gift on behalf of:

Names(s) _____

a special - person dog cat other

Please make this gift known to:

Name(s): _____

Address: _____

City: _____ State: _____ Zip: _____

Please send information about including the One Health project in my (our) will or estate plans.

The information you will provide will be used for university business and will not be released unless required by law. To review your record, contact Advancement Services, 1480 Drew Avenue, Davis CA 95616. A portion of all gifts is used to defray the costs of administering the funds. All gifts are tax deductible as prescribed by law.

THE REWARDS

While recognizing that no single individual or program can solve our pressing global problems easily or swiftly, the One Health Project offers several means for preparing the next generation of veterinarians to meet these challenges:



ONE HEALTH IN ACADEMICS

Students immersed in understanding the integration of human, animal, and environmental health



ONE HEALTH IN THE WORKFORCE

Broadly trained practitioners emerge armed with the knowledge to appraise health at many levels



ONE HEALTH IN WORLD PARTNERSHIPS

Interdisciplinary collaboration among scientists of many talents



ONE HEALTH IN THE ENVIRONMENT

A more robust urban/rural/agrarian human and veterinary public health



ONE HEALTH AS A WAY OF LIFE

Enduring health for humans, animals, and the planet we share



CALVIN SCHWABE ONE HEALTH PROJECT
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Calvin Schwabe One Health Project



The Intersection of
Human, Animal & Environmental
Health

