

## Vice President for Research

[schook@illinois.edu](mailto:schook@illinois.edu)

### **Edward William & Jane Marr Gutgsell Professor of Animal Sciences**

Lawrence B. Schook, Edward William and Jane Marr Gutgsell Professor, is Vice President for Research for the University of Illinois. The Office of the Vice President for Research (OVPR) provides a unified voice for research enterprise (\$1B) at the university level, across all three campuses, including overseeing the enterprise-wide system of technology and economic development, facilitating collaborative research opportunities, streamlining related policies and procedures, and helping communicate the university's research vision to internal and external constituencies. He is a recognized international scholar in comparative genomics and exploiting genomic diversity to understand traits and disease. His research focuses on genetic resistance to disease, regenerative medicine, and using genomics to create animal models for biomedical research. He has been an active leader in establishing innovative and entrepreneurship programs across the campuses and the community.

Schook is a Professor of Animal Sciences, Bioengineering, Pathobiology, Nutritional Sciences, Pathology and Surgery. He also is a Professor in the Institute for Genomic Biology and holds Affiliate Faculty appointments at the Beckman Institute for Advanced Science and Technology and the Micro and Nanotechnology Laboratory. He holds an Affiliate Scientist position at the Carle Foundation Hospital and was Co-Chair of the Carle Biomedical Research Center Steering Committee. He formerly served as the Theme Leader for Regenerative Biology and Tissue Engineering at the Institute for Genomic Biology. While at the University of Minnesota, he was Associate Dean for Research and Graduate Studies at the College of Veterinary Medicine and Co-Chaired the Provost's Research Design Team for the Academic Health Center. In addition, he was the founding director of the Food Animal Biotechnology Center and the Advanced Genomic Analysis Center (campus genome center).

He attended Albion College and received his M.S. and Ph.D. from Wayne State School of Medicine. After postdoctoral training at the Institute for Clinical Immunology in Switzerland and the University of Michigan he has held faculty

positions at the Medical College of Virginia, University of Minnesota and a visiting Professor at the Ludwig Cancer Center of the University of Lausanne. A recipient of NIH, Swiss National Fund and Pardee Fellowships, he was named a UIUC University Scholar, received the Funk Award for Meritorious Achievements in Agriculture, the H. H. Mitchell Award for Graduate Teaching and Research, the Pfizer Animal Health Research Award, and is an elected Fellow of the American Association for the Advancement of Science. He was appointed a Fellow at the National Center for Supercomputer Applications and the Academy for Entrepreneurial Leadership. He is also the recipient of a Fulbright Distinguished Chair Fellowship (Human Genetics and Genomics) at the University of Salzburg and the Distinguished Alumni Award from Albion College.

Schook has served as an advisor to corporations, universities, non-governmental and government agencies with respect to medical models, genomics and animal biotechnology. He currently serves on the Governor's Illinois Innovation Council, the Albion College Board of Trustees, the Board of Governors for the Argonne National Laboratory, the Board of the Directors for the Fermi National Accelerator Laboratory, and the Council of the National Research Council's Institute for Laboratory Animal Research. He has served on the Board of Directors for the Illinois Biotechnology Organization and the Agricultural Biotechnology International Conference Foundation and the Governing Board on Food and Agriculture at BIO. Professor Schook chaired the Executive Steering Committee of the Alliance for Animal Genome Research and Project Director for the International Swine Genome Sequencing Consortium and the International Pig SNP Chip consortium.

His scholarly activities include over 200 manuscripts, 285 abstracts, and 9 edited books/works and he is the founding editor of *Animal Biotechnology*. He has given over 200 seminars and presentations to international congresses and universities around the world. In addition to serving as the major advisor to 38 M.S. and Ph.D. students he has mentored 35 postdoctoral fellows/scholars and 43 undergraduate students. As Principle Investigator, he has received over \$68 M (\$25 million as PI) in sponsored research from governmental and industrial sources.

