THE IMPORTANCE OF RESEARCH TO A VETERINARY FACULTY

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Research brings a Veterinary School

1. An atmosphere of scholarship
2. Better teaching for problem solving and evidence-based medicine
3. Prestige within the university and the academic community
4. A talented and ambitious young faculty
5. More career opportunities for graduates
6. An important financial source
7. A future
RESEARCH

the *process* of gathering and interpreting information and facts in order to advance knowledge and understanding

1. Pose a question
2. Evaluate the current state of knowledge
3. Systematically investigate and experiment to collect new facts
4. Scientifically analyze and reinterpret the sum of knowledge in the light of new data
5. Expand on and/or revise accepted theories or laws, or practical application of new or revised theories or laws
6. Professionally communicate the research findings and, where relevant, recommendations
Although not all researchers are great teachers, THE BEST TEACHERS ARE USUALLY ALSO RESEARCHERS

Role of a teacher is not to lecture by reciting out loud lists of facts that can be gotten from books, but rather to act as a GUIDE ... placing facts in perspective, helping to critically assess their value, and imparting wisdom and experience.

Virtually all “facts” in medicine are the result of research ... the teacher has to appreciate the method of research in order to help students evaluate the state of knowledge.
VETERINARY RESEARCH

Public Health and Food Safety
- Foodborne pathogens
- Resistance to antimicrobial agents
- Biosecurity

Animal Health and Welfare
- Livestock and poultry
- Aquaculture
- Companion Animals
- Laboratory Animals
- Wildlife and Conservation

Comparative Medicine
- Naturally occurring models of human and animal diseases
- Experimental models of disease
Emergence in Europe of economically devastating infectious diseases

Bluetongue BTV-8 in Europe
1 April to 19 September 2007
Emergence in Europe of economically devastating infectious diseases

Schmallenberg virus
PERHAPS WE NEED A STUDY SUCH AS THIS FOR EUROPE
Recommendation 1: The veterinary research community should facilitate and **encourage collaborative research across disciplines, institutions, and agencies** by reducing administrative barriers and by nurturing and rewarding successful team-oriented investigators.

Recommendation 2: **Additional veterinary researchers must be trained** to alleviate the demands and to meet societal needs for veterinary research.

Recommendation 3: To meet the nation’s needs for research expertise in veterinary science, **changes in recruitment and programming for graduate and veterinary students will be required**. Changes would involve **enhancing research cultures in veterinary colleges** and strengthening of summer research programs, combined DVM/PhD degree paths, and the **integration of basic science into clinical curricula**. The AVMA Council on Education, which is charged to review colleges of veterinary medicine for accreditation and publishes guidelines for the process, **should strengthen the guidelines for assessment of research**...
The human mind is a master of illusion
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Only transnational projects will be funded, therefore each proposal must involve a minimum of three (3) partners (and a maximum of ten (10)) from at least three (3) and a maximum of eight (8) different ANIHWA-countries involved in funding the call.

IN EUROPE - EVEN A SMALL SCHOOL WITH LIMITED INFRASTRUCTURE CAN JOIN A MULTINATIONAL CONSORTIUM

What’s needed are RESEARCHERS
Marie Curie Actions
Where innovative science becomes success
We need more programs like this......
How might EAEVE help?

1. By helping schools to assess their research potential and formulate research strategies as part of the accreditation process.

2. By brokering increased research interaction and communication among member schools through dissemination of information about research education opportunities, funding opportunities, etc.

3. By representing the Veterinary Education Community, alongside other relevant entities and institutes, in a concerted effort to advance Veterinary Research in Europe.