



AAVMC: THE FUTURE OF VETERINARY MEDICINE



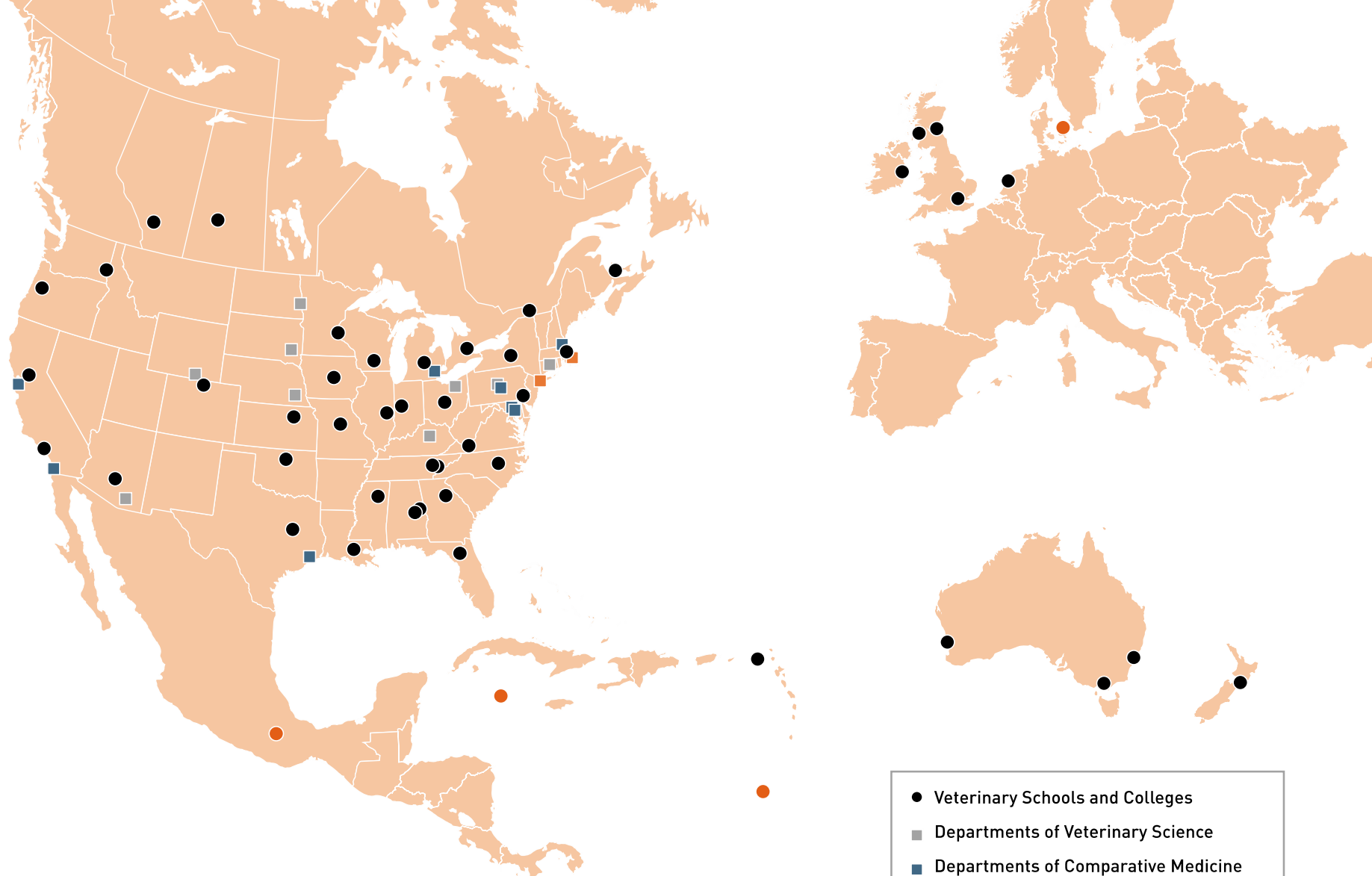


Advancing Veterinary Medical Education

*The AAVMC provides leadership for
and promotes excellence in
academic veterinary medicine
to prepare the veterinary workforce
with the scientific knowledge and skills
required to meet societal needs*

International Membership

- 48 Veterinary Medical Colleges accredited by AVMA-COE
 - 30 in the United States
 - 5 in Canada
 - 5 in Europe
 - 5 in Australia and New Zealand
 - 3 in Mexico and the Caribbean
- 9 Departments of Veterinary Science
- 8 Departments of Comparative Medicine
- 6 Affiliate Members
 - Non-accredited Colleges of Veterinary Medicine
 - Europe, Central America, Japan, Philippines



- Veterinary Schools and Colleges
- Departments of Veterinary Science
- Departments of Comparative Medicine
- Other Veterinary Medical Education Institutions
- Affiliate Veterinary Schools and Colleges

AAVMC MEMBER INSTITUTIONS

Strategic Plan

> ACTION

DIVERSITY

RECRUITMENT

ONE HEALTH

ADVOCACY

What we do

Analyze

Acquiring, analyzing and adding value to data that advances scholarship and advocacy

- Primary source of information about national trends in veterinary medical education
- Provide members with data and analysis that provides foundation for evidence-based decision making, guides resource allocation and informs the public

What we do

Catalyze

Creating forums for strategy and action

- Facilitator and catalyst for solving problems, stimulating innovation, adding insight to current issues
- Convene meetings for stakeholders and thought leaders who generate new ideas and approaches for creating progress in veterinary medical education

What we do

Advocate

Telling the story of modern academic veterinary medicine to policy-makers and the world

- Public communication and focused outreach to inform and influence government, the profession and other stakeholders
- Generate support for academic veterinary medicine and the profession

What we do

Achieving Educational Excellence

Providing quality care for people and animals in a rapidly changing world demands educational excellence

Recruiting High-Quality Future Professionals

Modern veterinary medicine requires the best and brightest students

Enhancing Diversity in the Veterinary Profession

Achieve greater diversity and broaden awareness of diversity-related issues

One-Health Approach to Global Wellbeing

Creating synergy between animal health, human health and the environment

Fostering Progress Through Discovery

Veterinary medicine plays an essential role in conducting basic and applied research that advances animal and human health

Research

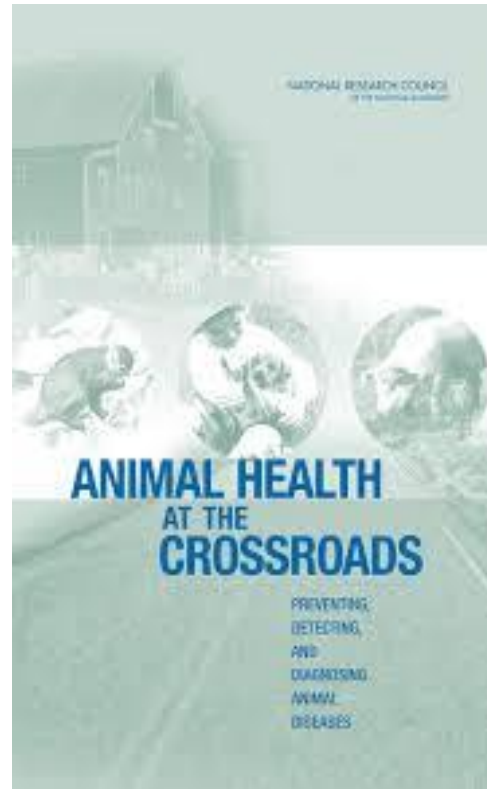
Fostering Progress Through Discovery

Veterinary medicine plays an essential role in conducting basic and applied research that advances animal and human health.

- Sponsor biomedical research opportunities for veterinary students such as Merit-NIH Veterinary Scholars Symposium
- Convene national and international leaders to develop research-related policies
- Advocate for funding with the National Institutes of Health, United States Department of Agriculture, other entities



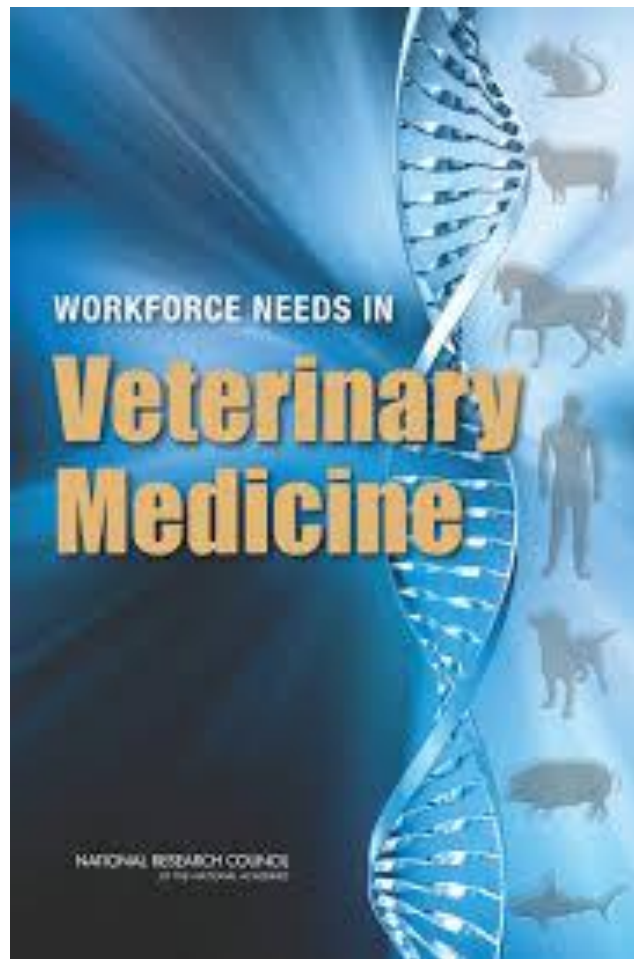
NRC (2005)



NRC (2005)



NRC (2004)

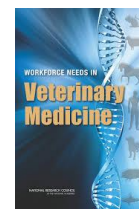


NRC (2013)

TABLE 9-3 Funding for Veterinary Research

Funding Source	Amount (millions)		Number of Awards	
	2002-03	2008-09	2002-03	2008-09
National Institutes of Health; Centers for Disease Control and Prevention; Food and Drug Administration	155.6	280.64	1,247	1,337
U.S. Department of Agriculture	34.4	37.18	595	637
Department of Defense	5.9	5.99	53	64
Environmental Protection Agency	1.8	2.98	31	20
National Aeronautic and Space Agency	2.6	2.7	24	12
National Science Foundation	3.5	3.56	48	43
Department of Interior	0.8	7.25	34	26
Other Federal Agencies	7.6	16.13	116	119
State Agencies	38.8	41.3	558	356
Industry	25.2	36.85	942	1,160
Private	30.4	42.36	1,291	1,961
Other	14.6	26.11	855	523
Total	321.2	503.05	5,794	6,405

SOURCE: NRC, 2005a; AAVMC, 2009a.

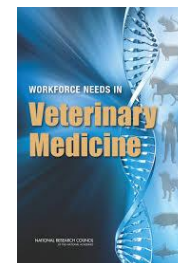


NRC (2013)

TABLE 9-4 NIH Funding to Veterinary Colleges, 2011

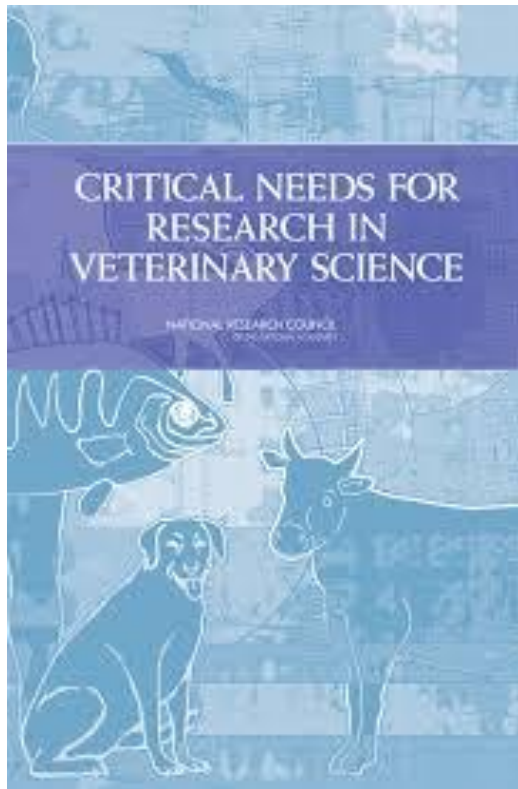
Rank	Name	Funding for Veterinary Medicine
1	University Of California, Davis	\$24,630,734
2	Colorado State University, Fort Collins	\$18,641,724
3	University Of Pennsylvania	\$18,423,516
4	Cornell University, Ithaca	\$16,799,182
5	University Of Wisconsin, Madison	\$9,411,401
6	University Of Missouri-Columbia	\$8,304,053
7	Michigan State University	\$8,132,386
8	Louisiana State University A&M College, Baton Rouge	\$7,862,278
9	Iowa State University	\$6,869,067
10	Washington State University	\$6,446,399
11	Tufts University Boston	\$5,398,692
12	Ohio State University	\$4,526,233
13	Kansas State University	\$4,364,856
14	North Carolina State University, Raleigh	\$4,359,214
15	University Of Georgia	\$3,875,194
16	Texas A&M University System	\$3,334,201
17	University Of Minnesota Twin Cities	\$3,160,379
18	University Of Illinois Urbana-Champaign	\$2,715,721
19	Purdue University West Lafayette	\$2,709,182
20	Oklahoma State University Stillwater	\$2,468,411
21	University Of Tennessee Knoxville	\$2,415,177
22	Virginia Polytechnic Institute and State University	\$1,335,146
23	University Of Florida	\$1,247,198
24	Tuskegee University	\$884,127
25	Texas Agrilife Research	\$815,048
26	Oregon State University	\$794,828
27	Auburn University At Auburn	\$375,520
28	Mississippi State University	\$337,379
	Grand Total	\$170,637,246
	Mean	\$6,094,187
	Median	\$4,117,204

SOURCE: BRIMR, 2012.

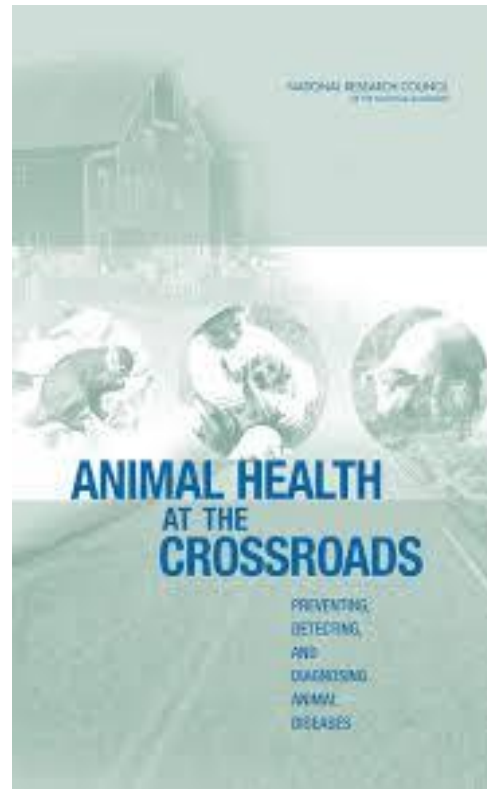


NRC (2013)

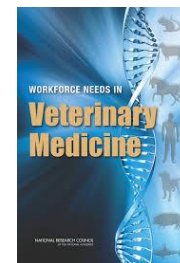
“...urgency of the need for increased funding and support for veterinary science.” (NRC 2013)



NRC 2005



NRC 2005

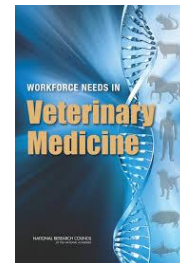


NRC (2013)

CONCLUSIONS AND RECOMMENDATIONS

CONCLUSION 2: The decade-long decline in funding of education and research has jeopardized the profession's future capacity to serve societal needs.

Recommendation 2: Veterinary academe should increase its commitment to research, developing future faculty, and encouraging current faculty to work across disciplinary and professional boundaries...

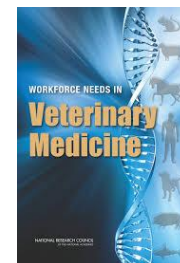


NRC (2013)

CONCLUSIONS AND RECOMMENDATIONS

CONCLUSION 4: The veterinary profession is losing its presence in food-animal production and care.

Recommendation 4a: To increase the economic value of veterinary services to producers, the education of food-animal practitioners should be reoriented towards herd health and interventions aimed at improving the financial health of the farm operation. Veterinary schools and colleges should work together to achieve this goal by creating centers of emphasis on food-animal medicine.

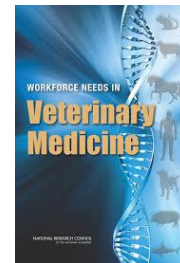


NRC (2013)

CONCLUSIONS AND RECOMMENDATIONS

CONCLUSION 5: Global food security is one of the most pressing challenges of the 21st century. The food and water security and safety concerns confronting the world today are far more daunting than anything veterinary medicine has previously had to confront. Because these challenges are enormously complex, they will require the veterinary profession to engage in interdisciplinary and interprofessional One Health solutions.

Recommendation 5: Veterinary medical organizations and the deans of veterinary colleges should work to increase the visibility, standing, and potential of the profession to address global food security....



NRC (2013)

One Health

One-Health Approach to Global Wellbeing

Creating synergy between animal health, human health and the environment

- Organize One Health-related symposia and conferences
- Promote One Health concept and interdisciplinary cooperation on global scale
- Showcase veterinary role in infectious disease control, global food supply, clinical care for animals and people



2014 ANNUAL CONFERENCE

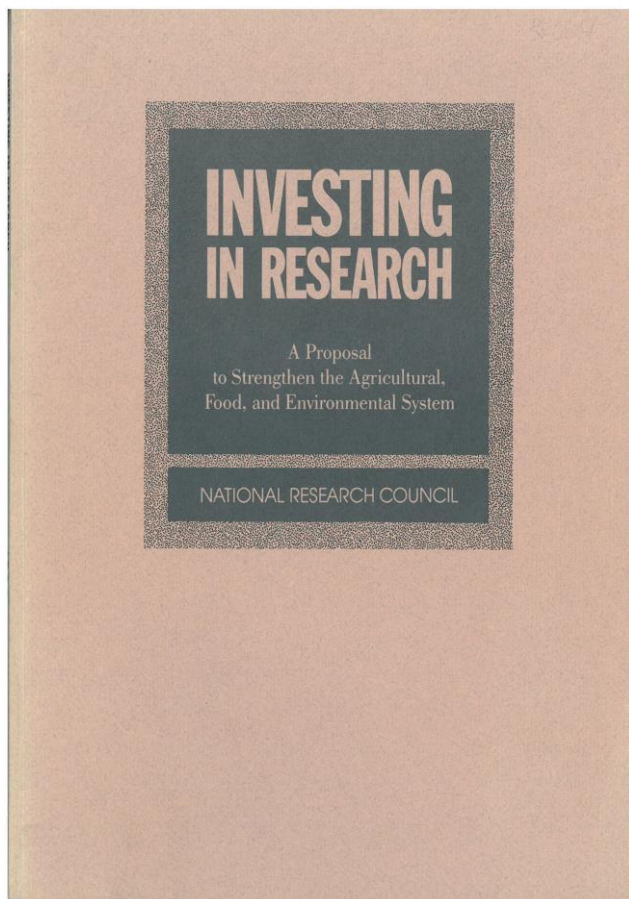
One Health in Veterinary Medical Education

March 14-16, 2014

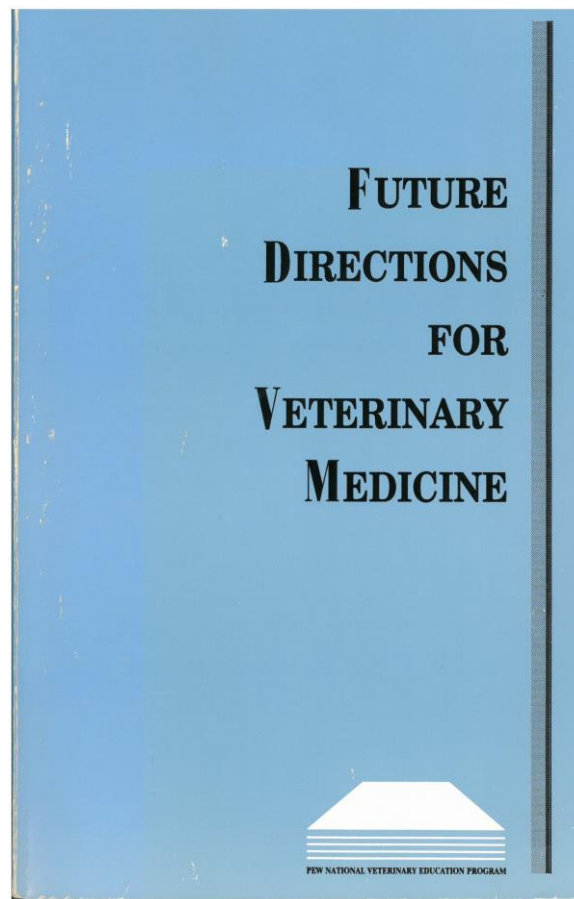
Global Connections. Spanning
Disciplines. Creating Vision.



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NRC 1989



Pew 1989