

## **CVM EDUCATIONAL RESEARCH GRANT (ERG) INTRAMURAL PROGRAM**

**GOAL:** The goals of this program are to **(1)** promote educational research in the WSU College of Veterinary Medicine, **(2)** foster innovation in the college's DVM, undergraduate, and graduate curricula, and **(3)** support teaching and learning-focused scholarship by faculty involved in the educational missions of the CVM. Additional funds are also available to foster collaborative educational research between the CVM and the WSU College of Education.

### **ERG Program B: Experiments in Teaching Grants**

**Up to \$5,000 per grant annually** \* (note that the \$ amount increased, beginning in 2015)

- \* **COE incentive: An additional \$3,000 is available for proposals that feature a substantive collaboration with faculty co-investigators in the WSU College of Education. The funds may be sub-divided as needed but in general it is anticipated that at least 50% will be directed to the COE co-investigator.**
- These grants are designed to lead to a peer-reviewed publication. Ideally a manuscript should be submitted for review within 1 year AFTER the grant completion date.
- For support of innovations in the DVM program, please also see the [Berger Keatts Experiments in Teaching Seed Grants program](#).
- Renewable twice, for up to 3 years total support - with the expectations outlined below. This multi-year option is designed to encourage and support publication of high impact scholarly works that encompass multiple years of data. In other words, we want to foster studies that will report repeated outcomes (across multiple semesters and /or years), rather than the results of one-time experiments.
- Renewal requires submission of a renewal proposal each year. The renewal proposal will include:
  1. A Progress Report that details progress to date, delineates expected progress for the remainder of the grant funding period, addresses any problems that may have arisen, and discusses any proposed changes in experimental design.
  2. A financial report that documents how previous funds were used.
  3. A brief description of any associated scholarly presentations or posters in the past year – whether presented locally (at WSU) or externally.
  4. Explicit plans for a peer reviewed publication and/or submission of an extramural proposal.
- Renewal also requires presentation during the previous year of the proposal and preliminary results to the CVM (e.g., through a publicized CVM Teaching Academy function)
- A significant goal of ERG Program B is to increase the number of CVM faculty engaged in educational scholarship. To achieve this goal, a relatively small amount of available funds need to be distributed equitably. Therefore (and because funds are limited), the review committee will look to fund multiple different CVM investigators/programs before funding any single investigator/program multiple times. *For more, see [eligibility NOTE on page 3](#).*

- In exceptional circumstances, the review committee will consider proposals exceeding the maximum funding level described above. However, the investigator must make a compelling case (i.e., very effectively justify additional funds). Please be aware that additional funding of any one proposal jeopardizes our ability to fund other investigators. Accordingly, any recommendation to fund a proposal at a higher level will depend both on the availability of funds in a given cycle and on the number, quality, and potential impact of other proposals submitted. The maximum funding for any one proposal is likely to be modified in the future as the program matures, we learn from past experiences, and additional funding sources are identified.

### **REVIEW PROCESS:**

A Research Proposal Review Sub-committee of the CVM Teaching Academy will review proposals competing for these funds and recommend funding to the Dean of the CVM. The review sub-committee will be chaired by the Director of the CVM Teaching Academy or his/her designate and will include at least one external (non-CVM) member with a background in education/educational research (e.g., a faculty member from the WSU College of Education). Proposals will be scored for scientific merit, potential impact, and overall quality based on a rubric/score sheet. Additional scoring will account for the program goals and priorities described below. For further details on budget, deadlines, and other requirements, refer to the instructions for proposal submission document.

### **FUNDING PRIORITIES:**

Proposals will be reviewed for scientific merit, potential impact, and overall quality, as described elsewhere.

The highest priority for funding will be awarded to well-reviewed proposals that best meet the following criteria: (in approximate order of importance)

1. Likelihood of leading to significant extramural funding.  
This criterion is particularly important for larger grants (e.g. ERG Program A - above). When this criterion is applicable, applicants are expected to provide an explicit explanation and plan for how funding will likely lead to extramural funding – e.g. generation of critical preliminary data, name of targeted extramural agency and/or fund, expected date of submission, etc.
2. Likelihood of leading to a high quality, peer-reviewed publication.  
All applicants are expected to delineate a plan for publication, including a timeline and likely target journal(s).
3. Likelihood of leading to scholarly presentation – notably outside the CVM and WSU.  
All applicants are expected to delineate a plan for how their research results will be shared in one or more public venues, including a timeline and prospective presentation venues (*e.g. the annual ASM meeting, the annual meeting of the Veterinary Educators Collaborative, CVM or Consortium of West Region Colleges of Veterinary Medicine Teaching Academy workshop, etc.*)
4. Collaboration with other units at WSU (and with other partners – e.g. other universities).  
Notably –

- co-investigators in the WSU College of Education \*\*, and
- co-investigators in other CVM departments/schools.
- Also: collaborators at other institutions, particularly colleges that are members of the West Region Consortium of Colleges of Veterinary Medicine.

*\*\* In order to qualify for additional funding via the COE incentive, the collaboration must be substantive and well justified. Please make sure the rationale for the collaboration and what each investigator uniquely brings to the project is clearly explained.*

5. Support of new faculty (tenure track and clinical track faculty in the first 6 years of their current appointment) - including those engaging in educational research for the first time.
6. Established faculty seeking or exploring a change in direction - including new engagement in educational research
7. A record of previous success – notably faculty who have productively used previous funding from this program to successfully compete for extramural funding, publish educational research in peer reviewed journals, and/or present at a regional, national, or international venue.

#### **ELIGIBILITY FOR CVM INTRAMURAL ERG FUNDING:**

**NOTE:** A stated goal of the program is to increase the number of CVM faculty engaged in educational research in substantive ways. Therefore (and because funds are limited), the review committee will look to fund multiple different CVM investigators/programs before funding any single investigator/program multiple times. Please consider this and be strategic in submitting proposals. In years where multiple high quality proposals are submitted and requests exceed available funds, you may be competing against other proposals with your name on them (in addition to competing against other investigators) and only one of your proposals is likely to be funded. If possible (when your name is on multiple proposals), you should identify the proposal with highest priority.

1. Collaborative proposals between the CVM and COE must (a) have a CVM faculty member listed as Co-investigator (Co-I) or Primary Investigator (PI/Co-PI), (b) represent a true collaboration between the listed investigators, and (c) address an educational research question/problem that is also relevant to the mission of the CVM (which includes the undergraduate STEM program).
2. If requested funds exceed available funds, first priority will be given to high quality proposals with CVM faculty listed as PI or Co-PI. Next priority is proposals with CVM faculty listed as Co-I.
3. At this time (because of limited funding), no CVM faculty may be the PI or Co-PI on more than one proposal. CVM faculty may be Co-I on multiple grants.
4. Graduate students and post-doctoral fellows are **not** currently eligible for these funds (i.e. graduate students and post docs may not apply as PI or Co-PI, but can be listed as co-investigators or contributors/collaborators, so long as a PI or Co-I is a CVM faculty member. Funds may not be used for graduate student or post-doctoral salary, wages, or travel. (We hope to someday develop a future separate/parallel program for these purposes.)
5. ERG funds may not be used to support travel to conferences. (Active CVM Teaching Academy members may apply for TA Travel Grants for this purpose.)
6. You must have the endorsement of your department chair/unit director.

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**FUNDS AVAILABLE:** The funds available in any one year will be limited. *Expected available funding for the upcoming fiscal year is approximately \$20,000 total.* Each faculty member is limited to one grant application per year as primary investigator (PI) or co-PI.

### **Research Awards can be used to support:**

- Development costs to design assessment instruments, surveys, etc.
- Data analysis consultants or transcription of data
- Personnel:  
*These funds must be well justified, including a clear explanation of the expertise, experience and/or effort that the supported individual brings to the grant.*
  - Time-slip wages to help collect or analyze data
  - Faculty salary – for CVM faculty or WSU collaborators with 9 month or <1.0 FTE appointments only.
- Supplies and equipment  
*Requests for computers or other electronic equipment must be very clearly justified as essential to the project. These funds are not intended to purchase equipment that should be provided by the department, school, or college.*
- Books/reference materials/testing materials used in research
- Stipends for research subjects if applicable
- Other research costs, including faculty summer pay and publication costs
- Travel for research purposes, e.g., travel to collect data

### **More specifics:**

- Support of graduate student research is **not** eligible for these funds. (We still hope to develop a future separate/parallel program for this purpose.)
- Support for travel to conferences is **not** eligible for these funds. (Active CVM Teaching Academy members may apply for TA Travel Grants for this purpose.)
- You must have the endorsement of your department chair/unit director.
- Any proposal that includes compensation (summer salary, wages for hourly help, etc.) must include budget for fringe benefits that fits within the award limits above. If you need assistance estimating benefits, please contact your departmental fiscal officer or consult with the CVM fiscal office.

**For more information, go to the ERG web page on the CVM Teaching Academy's internal web site. <http://www.vetmed.wsu.edu/innovative-education/teaching-academy/programs/educational-research-grant-intramural-program>**

#### **There you will find**

- **Proposal format / instructions**
- **Review criteria / Score sheet**