

University of Virginia School of Medicine

Academy of Distinguished Educators

Education Research and Innovation Grants

Request for Letters of Intent to Submit a Proposal — Deadline: Monday, March 27, 2017

The Academy announces its twelfth round of grants for educational research and innovation. Support is limited to research and innovations related to the following two areas: 1. Undergraduate Medical Education (MD) and 2. PhD Education (BIMS).

Eligible PIs: The lead PI must be a faculty member in the UVa School of Medicine

Two categories of awards are made:

Educational Research: 1-year or 2-year proposals (up to \$25,000/year): These are research studies using comparison and experimental groups in sufficient numbers to provide adequate power for statistical analysis. Where possible, it is desirable to have randomized assignment of subjects to groups. This can include but not be limited to studies testing two types of didactic method such as in-person lecturing versus use of podcasts; controlled evaluations of the efficacy of certain educational interventions, such as the inclusion of computer simulation versus clinical vignettes. Both quantitative and qualitative research projects are appropriate.

Educational Innovations: 1-year proposals (up to \$15,000): These are evaluation studies of educational enhancements without comparison groups. Outcome data are required in order to describe the effects of the innovation. Included in this category are descriptive observational, interview, and survey studies to determine the impact of educational interventions designed to improve student skill, knowledge, attitude or well-being.

Principal Investigators must specify which type of grant they are applying for: **Educational Research** or **Educational Innovations**. (See content of Letter of Intent below.) Abstracts of previously successful applications are available at:

<https://faculty.med.virginia.edu/facultyaffairs/academy-of-distinguished-educators/ade-grants/>

Research and Innovation Topics: Some areas of interest include but are not limited to:

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| Skills development | Medical legal issues |
| Educational outcomes | Student recruitment/selection |
| Medical student duty hours | Impact of curriculum changes |
| Interprofessional education (MD-Nursing; MD-PhD) | Web-based instruction |
| Instructional technology | Communication skills (oral and written) |
| Game technology in education | Diversity |
| Medical errors | Scientific errors and misconduct |
| Disparities assessment | Entrustable Professional Activities |

These areas of interest should not discourage faculty from developing proposals in other areas if they pertain to UME (MD) or BIMS (PhD) education.

Letter of Intent to Submit a Proposal

Interested PIs must first submit a Letter of Intent to submit a proposal.

Format for the Letter of Intent:

Please include these headings and sections in your letter. Letters are limited to 2 pages in length, double-spaced, in Times New Roman #10 or larger font:

1. Title for the project, name and title of PI and list of all co-PIs
2. Category of proposal: "Educational Research" or "Educational Innovation"
3. Target audience (MD or PhD or both; could also include RN for interprofessional studies)
4. Rationale for the proposed project
5. Summary of the innovation and/or methodology to be used to conduct the study or assess the innovation. There must be enough detail to evaluate the soundness of the proposed method.
6. Anticipated impact on the Next Generation Curriculum (MD) or the BIMS curriculum (PhD)
7. Describe potential impact on national MD or PhD education

Time Line:

Mon March 27, 2017 by 5:00 PM – Deadline for 2 page Letters of Intent to Submit a Proposal

Mon April 10, 2017 – PIs of selected Letters of Intent will be invited to submit full proposals

Mon June 05, 2017 by 5:00 PM – Deadline for Full Proposals (up to 8 pages)

Tues June 26, 2017 – Notification of Awards

Submission: Submit Letters of Intent electronically as Word or PDF attachments to Dr. Larry Merkel at rlm3u@virginia.edu. If you have additional questions, contact Dr. Merkel or Dr. Bloodgood (rab4m@virginia.edu).

Submissions that do not meet either target audience (MD or PhD students) will be rejected immediately.

Submissions that are misclassified as to category (research vs innovation) will be returned to the PI with a request to either alter the proposal to fit the specified category or resubmit under the appropriate category.

Review Process: All Letters of Intent to Submit Proposals (both Innovations and Research) will be reviewed by the same ADE committee as will review final proposals. A small number of Letters of Intent will be invited to submit full proposals. Additional information on the preparation of full proposals (maximum length 8 pages) will be provided at that time. The final proposals will be reviewed without knowledge of the budget; only after the proposals have been ranked will the budgets be examined. The review committee reserves the right to award less than the requested amount of money. A variety of criteria will be used in making funding decisions.

Award Notification: The Dean's Office will notify primary investigators whose proposals have been chosen for funding. By accepting the funding, PIs agree to fulfill the following requirements for reporting their research findings:

PIs must present a poster on their project in the 2019 or 2020 ADE Educational Research and Innovation Poster Session.

PIs of 2 year awards must submit an interim progress report by October 1, 2018.

At the completion of the project, PIs must submit a final report no later than October 1, 2018, for one-year grants and October 1, 2019, for two-year grants. The final report should include a summary of the findings, citations for any publications and presentations outside UVa resulting from the research, and plans for future funding related to this research.