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Panel: Grant Writing

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Panel on Grant Writing Do's and Don'ts: A discussion of what you need to know about securing external funds

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OBJECTIVE

This panel will explore the process of grant writing, including locating, planning, writing, reviewing, and managing grants. The panelists provide a wide variety of grant writing experience.

ISSUES TO BE COVERED

Grant writing has become a major component of many academicians' careers. As funding for projects becomes scarce at colleges and universities, external grants provide an excellent opportunity to fund small to large research studies that have an impact across a variety of fields and contexts. The panel topics include locating, planning, writing, reviewing, and managing a grant. Each panelist will highlight the following when discussing each topic:

1) What are possible approaches when targeting a particular agency?

2) How to match your research to fit with a request for proposal?

3) How to avoid key pitfalls when pursuing external funding.

The panelists and their experience are as follows:

Bryan Hosack (moderator) – National Science Foundation, Department of Labor and Department of Education

Dr. Hosack has successfully submitted two proposals for a total of $600, 000 that have been awarded by National Science Foundation Course Curriculum and Laboratory Improvement Program (CCLI), which is changed to Transforming Undergraduate Education in Science (TUES). The first grant was a pilot curriculum delivered at Illinois State University, while the current grant expands the curriculum delivery to other colleges and universities. He has experience submitting proposals to other NSF programs and working towards a Department of Labor and Department of Education Institute of Education Sciences IES program proposal submissions.

Matt Germonprez – National Science Foundation and Department of Education

Dr. Germonprez has successfully submitted a $400,000 NSF grant regarding organizational participation in open communities. The grant is funded through the NSF virtual organizations as sociotechnical systems program and runs until 2014. Matt has also reviewed panel proposals for the NSF and can provide insights regarding the review process. Additionally, Matt is a member of a Department of Education ATLANTIS grant to promote student exchange between US and EU students. The grant is successfully funded for $194,000 and completes in 2012.

Ashish Gupta – National Institute of Health, PCORI and AHRQ

Dr. Gupta's grant activity mainly focuses on Healthcare related projects. He is involved with several projects in collaboration with various hospitals and academic institutions. Examples of some of the projects he is involved with are virtual team based immersive gaming and simulation environment for Cardiac life support training (with Banner

Health and Arizona State University- funded to Banner Health through Department of Defense), designing a novel EMR systems to reduce cognitive overload of care providers (Mayo Rochester- funded through Mayo Charter funds and proposal currently under review at PCORI), Acute Lung Injury modeling (with Phillips Research North America, Mayo Rochester and UNC Charlotte- $2.5 million proposal under 2nd round of revision at NIH), DSS for Emergency Departments to support mobile computing (with UHS, Cornell, U Penn, Arizona State University, and Stanford- $7 M under review at CMS Innovation challenge grant). Ashish serves on NIH and PCORI review panels. He is also visiting Research Scientist at Mayo Clinic Rochester and Visiting Associate Professor at Arizona State University. His panel discussion will focus on strategies useful for writing grants proposals for agencies such as NIH, AHRQ, and PCORI that fund healthcare projects.

Kay Nelson – NSF CAREER Scholar

Dr. Nelson has received over a million dollars in grants in addition to running the Center for Information Technologies (CITM) at The Ohio State University where she raised millions of dollars. Dr. Nelson began her grant experience by obtaining a grant from Boeing Commercial to fund her doctoral dissertation at The University of Texas at Austin. She has received numerous industry grants as well as being the first MIS professor to win the prestigious NSF CAREER Award. She has also received a Canadian SSHRC INE grant. Dr. Nelson has been a reviewer on numerous NSF panels. She will discuss the importance of networking in obtaining grants and compare the effort and prestige versus reward of federal versus industry grants.