

NOTES FROM NANCY

With the fall semester now underway, I'm pleased to share the first issue of this year's ORSP newsletter with you. Over the summer Derek, Julie, and I spent some time reflecting on the newsletter and how it can be most useful to you. With that in mind, we have introduced "An Eye on Proposal Development," which will be a recurring feature this year. I hope that you will find it helpful.

I also hope that your summer was a productive one, with ample time for reflection and relaxation. As you settle into the fall routine, please don't hesitate to contact me with any questions about the ORSP or suggestions that you may have. And, best wishes for a successful academic year!

GRANT SPOTLIGHT: WOMEN SCIENCE FACULTY AWARDED \$565,495 NSF S-STEM GRANT

A faculty team led by Mili Shah, mathematics & statistics, was recently awarded a \$565,495 grant from the National Science Foundation (NSF). The grant, funded through the NSF's Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program, will support the establishment of the new CPaMS Scholars Program. "CPaMS" refers to computer science, physics, mathematics, and statistics, the target majors. CPaMS will award six students each from the Classes of 2020 and 2021 scholarships of up to \$10,000 annually during their undergraduate careers at Loyola. Dawn Lawrie, computer science, Mary Lowe, physics, and Lisa Oberbroeckling, mathematics & statistics, are co-investigators.

The team is busy with planning and recruiting efforts. In addition to working with Enrollment Management, they will focus locally on attracting students from Baltimore Polytechnic Institute, Digital Harbor High School, and other city schools. The goal is for half of the Scholars to be either women or from underrepresented racial or ethnic groups.

In their first year, students will enroll in a Messina pairing taught by Christopher Morrell, mathematics & statistics, and Megan Olsen, computer science. Each cohort will continue to move together through a sequence of courses and activities designed to build community and provide students with close mentoring. Because one of the program goals is for 90 percent of the Scholars to participate in an internship or research experience, the grant includes funds for several Hauber Fellowships. The team hopes that these experiences will give students the confidence to graduate with STEM degrees and enter the STEM workforce.

CONGRATULATIONS TO RECENT AWARDEES

Kim Banister
Maryland State Arts Council
Arts Program Grant

Michelle Cheatem
Maryland Higher Education Commission
Ignatius Scholars Program

Douglas Harris
The Dirksen Congressional Center
The Public Congressional Leadership of Senate Democratic Leader George Mitchell

Mary Beth Mudric & David Gerrity
National Collegiate Athletic Association
Better Choices, Better Hounds

Robert Pond
Roland Park Country School
Next Step Program for SAT Preparation and Introduction to the Natural and Applied Sciences

Mili Shah PI
Dawn Lawrie, Mary Lowe & Lisa Oberbroeckling, Co-PIs
National Science Foundation
Enriching Loyola STEM with the CPaMS Scholars Program

Jeffrey Witt
Schoenberg Institute for Manuscript Studies
The Abbreviatio of William Rothwell: integrating lat. Ms. 32 into the Sentences Commentary Text Archive and SCTA Image Viewer

TRANSLATING YOUR IDEAS INTO FUNDING: FIRST STEPS

As a faculty member, you are an expert in your discipline, a scholar who is accustomed to communicating your research or creative activity through journal publications and conference presentations. You likely have developed a formula for translating your research into the written form preferred by your field. Most likely, you learned this skill over time. Like publications, grant proposals have their own form, however, faculty often struggle to overcome the hurdle of molding their idea into a project worthy of funding. They also are unaccustomed to asking for money for a project that they plan to do rather than reporting on scholarly work that they have already completed. Some faculty members even suggest their scholarly activity does not require money and ask, why bother? However, grantwriting is a skill that can easily be mastered, enhancing one's scholarly career. The following considerations will offer a starting point for developing a strong project summary that can be tailored easily to satisfy the requirements of any funding proposal.

The Interrogation

Every scholar has a script. When our office meets with a faculty member, particularly for the first time, every one of them can very easily and succinctly verbalize a 5-7 minute synopsis of their current, and oftentimes future, work. That script is the first step to developing your idea into a grant proposal. *Jot down your own script* and ask yourself these questions:

- Why is this work important to my discipline?
- What do I want to accomplish, and how will I do it?
- Can this work be considered a single project? If not, can it be segmented into distinct tasks that have a beginning and end?
- How much time will it take to accomplish this project?
- What question am I answering or problem am I solving and why?
- Who will benefit and how?
- How will the results be measured?
- How will I know if the project is successful?
- What are my qualifications to plan and execute the project?
- Where and how will the results be disseminated?

Your answers to these questions are likely to cover much of what will be needed to write any grant proposal, which will allow you to define your direction before burying yourself in a specific set of grant guidelines. By the time you decide on a funding mechanism, much of what the agency requests should already be drafted.

The White Paper

Now it's time to turn your script into a project. Use the responses to your questions to *develop a white paper*—a project summary that can easily be re-formatted to respond to most funder guidelines. In addition to a research/creative work statement, you will also begin crafting a summary of what you plan/hope/think you might want to accomplish during a specified period of time. Your plans will likely evolve, but that's exactly the point. By the time you are ready to prepare the funding proposal, you will have a clear and solid plan in place as to exactly what you will accomplish during the funding period. Thus, your white paper should describe your **project goals, objectives, and outcomes, and the funding needed to accomplish them**. Remember, you will be asking for money, so think about how you will sell your idea to prospective agencies. Don't be reluctant to point out the reasons why an agency should give you money to complete your project—this is a competitive process, and your peers will be your competitors. Although each funding agency will have its own (usually very specific) requirements, there are several elements of a proposal that are fairly standard, and they often appear in the following order:

- Title
- Abstract
- Introduction (statement of the problem, purpose of research or goals, and significance of research)
- Literature review
- Project methodology/plans (methods, procedures, objectives, outcomes or deliverables, evaluation, and dissemination)
- Budget and budget justification

To develop your white paper, begin with the introduction, the project plan, and draft a literature review—these components are standard in the scholarly publication world, so you are likely familiar with them. Of course, a key difference is that you will be describing work to be accomplished rather than reporting on findings from work completed. Come up with possible titles and save the abstract for later. The budget and budget justification sections are likely new territory so consider the next section before tackling those.

The Price Tag

Try to quantify your project. How much money do you need to complete the work you have proposed? What if you say, “I don’t really need any money to do this work?” Consider this—if you were given money to spend on this project, what would you do differently? Travel? Increase participants? Pilot something new? Collaborate? Often a project can have a more significant impact if it is not limited by funding.

Before you come up with figures, make a shopping list of items or categories. Some of the most common categories include:

- Personnel—do you need time released from teaching or summer support? Graduate assistants? Support for summer students? Collaborators? Study participants?
- Travel—including meals and lodging. Would you benefit from a short-term or long-term residency? Conference attendance to present your work? Visits to archives or to meet with colleagues regarding the project?
- Supplies—does the project require lab supplies, books, memberships, survey instruments?

Once you have established basic categories of possible funding needs, begin writing an explanation or justification for each item you have listed. Write your justifications in a way that expresses the need in order to carry out the project you have proposed. Stay away from language that suggests a “want” or “would like to have” rather than a need.

The Funding Landscape

Now that you have a project summary and basic budget framework, begin exploring what funding opportunities exist in your discipline. Look closely at agency mission and priorities and glance at some recent awards. A perusal of the funding landscape will spark ideas and inspiration to further solidify your project.

Remember, you don’t have to do this alone. Contact the ORSP at any point in this process to discuss your ideas.

In our next issue, we’ll focus on matching a project to a funding agency as well as steps to take to make sure you’re ready to apply.

REMINDERS

Tenure-track Research Leave

Tenure-track faculty members interested in applying for a research leave are reminded to start early. **Those planning to take a leave in Spring 2017 should submit their preliminary application, and after it has been approved, a grant proposal no later than the end of February 2016.** For more information visit www.loyola.edu/ttrl.

Sabbatical Applications

Due Monday, October 5

Electronic copies of the application, and required departmental letter of support, must be submitted via the web no later than 5 p.m. To submit your application and required materials visit: www.loyola.edu/seniorsabbatical.

Now is a great time to begin thinking about your 2017-18 leave. **If you plan to submit a sabbatical application in Fall 2016, now is the time to think about funding opportunities.** Contact Derek, Julie, or Nancy to get started.

FULBRIGHT PROGRAM OFFERS

MANY OPTIONS TO ENRICH LOYOLA

Over the years many faculty members have benefitted from Fulbright Scholar awards, and this year is no exception.

Steven Hughes, history, just completed a **year-long stay in Italy** where he conducted research for the project "Blood for Honor: the "Delitto d'Onore" in United Italy." With the Fulbright award, Steve was able to conduct research in three libraries: the Biblioteca della Camera in Rome, which contains records of parliamentary debates; the Biblioteca Giuridica Centrale, which holds Italy's largest collection of legal studies; and the Biblioteca Nazionale Centrale di Roma. Steve also held a position as a Visiting Scholar at the American Academy in Rome, where he benefitted from interactions with other scholars and historical resources. During his visit, he presented a paper at the Law School of the University of Catania entitled "Duello d'onore versus delitto d'onore in the 19th Century." The Fulbright award also allowed Steve to work in Rome at the Biblioteca di Storia Moderna e Contemporanea on a timely topic—the 100th anniversary of Italy's entrance to WWI—from which he presented a paper at the American Historical Association's Annual Meeting in NYC and an illustrated lecture at the American Academy. He plans to publish an article on his research in the *Journal of Modern Italian Historical Studies*.

Meanwhile, **Dave Binkley**, computer science, spent the **summer in Norway** thanks to a Fulbright award that is supporting his sabbatical. Dave is collaborating on a project titled "Managing the

Evolution of Software Project Families in Safety Critical Systems" at Simula Research Laboratory. The Fulbright partnership is integral to establishing a research collaboration, which also is supported by the National Science Foundation's (NSF) Catalyzing New International Collaborations Program. Dave has been able to take advantage of one of the new features that the Fulbright program offers, namely creating **more flexible awards that allow faculty members to make several trips of shorter duration rather than a semester- or year-long trip**. This added flexibility can be especially attractive for those who are unable to be abroad for an extended period. When asked about the program, Dave shared that unlike his NSF project, the Fulbright program is a lot more about people and that he felt encouraged to engage the people and the culture of Norway—and found that to be interesting.

Carsten Vala, political science, also is a Fulbright Scholar this year. Carsten is delving into a new topic, researching the influence of China in Chile. He expects to spend the **fall semester abroad in Chile**, conducting research and teaching two courses on Chinese politics and Chinese globalization at Pontificia Universidad Católica de Chile in Santiago. Ultimately, he plans to write a book on China's globalization in South America.

While we are accustomed to having Loyola faculty travel abroad through the Fulbright Program, this year we are fortunate to have a **Fulbright Scholar from Sri Lanka here in Baltimore**. **Shyala Smith** joins Loyola for the fall semester. Her visit is being sponsored by the communication department, and she will be conducting research on emerging media in the advertising business and studying with faculty in the Emerging Media program. Greg Hoplamazian is serving as Shyala's primary research contact on campus. Shyala is participating in the Fulbright Program through an award as a professional in her field; she holds the position of Associate Creative Director for Saatchi & Saatchi Sri Lanka. Among many activities planned, Shyala will discuss her experience with the 2004 Sri Lankan tsunami at the closing luncheon of the Diversity Reading Groups later this fall.

The Fulbright Program offers numerous opportunities for international collaboration. If you are interested in going abroad or partnering with an international scholar here in Baltimore, consider the Fulbright Program. Detailed information is available on the Fulbright website, www.cies.org. And, of course, **the ORSP is always available to help you determine which Fulbright offering will best meet your needs.**

LOYOLA SUCCESS STORIES - FUNDING OPPORTUNITIES

EACH OF THE OPPORTUNITIES LISTED BELOW HAS RESULTED IN A GRANT AWARD
TO A LOYOLA FACULTY MEMBER

The Alliance for Access to Computing Careers AccessComputing Minigrant

Supports training, experiential learning, and other computing and information technology-related activities nationwide in an effort to increase the number of people with disabilities successfully pursuing computing careers.

<http://www.washington.edu/accesscomputing/get-involved/educators-employers/apply-accesscomputing-minigrant>

American Society for Biochemistry and Molecular Biology Outreach Seed Grant Program

Funds novel, innovative science outreach programs that require modest financial support in order to get up and running.

<http://asbmb.org/Outreach/Grants/Seed/>

Association of American University Women American Fellowships

Supports women scholars who are planning research leave from accredited institutions or preparing research for publication.

<http://www.aauw.org/what-we-do/educational-funding-and-awards/american-fellowships/>

Council for International Exchange of Scholars Fulbright Scholars Program

Offers approximately 600 teaching, research, or combination teaching/research awards in over 125 countries.

<http://www.cies.org/program/core-fulbright-us-scholar-program>

The Dirksen Congressional Center Congressional Research Grants

Funds research on congressional leadership and the U.S. Congress.

<http://www.dirksencenter.org/>

Forensic Sciences Foundation Lucas Grants

Funds original in-depth problem-oriented research in the field. Grants are open to members and affiliates of the American Academy of Forensic Sciences.

<http://fsf.aafs.org/>

The Gladys Krieble Delmas Foundation Humanities, Performing Arts, & Research Libraries Grants

Promotes the advancement of humanistic inquiry and artistic creativity by encouraging excellence in scholarship and in the performing arts, and by supporting research libraries.

<http://delmas.org/>

Harvard-Yenching Library Travel Grant Program

Assists scholars from outside the metropolitan Boston area in their use of Harvard-Yenching's collections for research. Collections include Chinese, Japanese, Korean, Manchu, Mongolian, Tibetan, Vietnamese, and Western Languages.

http://hcl.harvard.edu/libraries/harvard-yenching/travel_grant_program.cfm

Louisville Institute Sabbatical Grant for Researchers

Enables ecclesially-engaged academics and scholarly religious to conduct study that contributes to the vitality of Christianity in North America. Supports year-long research projects.

<http://www.louisville-institute.org/>

Marketing Sciences Institute Standard Grants

Supports research with the potential for application by managers as well as more basic or exploratory work. Grants cover researchers' out-of-pocket costs for data collection, respondent fees, research assistants, and similar expenses.

<http://www.msi.org/research/obtain-research-support/>

Maryland Humanities Council Major Grant Program

Provides grants that use the humanities and humanistic methods to engage Marylanders.

<http://mdhc.org/grants/>

National Endowment for the Arts Art Works

Supports the creation of art, public engagement with diverse and excellent art, lifelong learning in the arts, and the strengthening of communities through the arts.

<http://arts.gov/grants/apply-grant/grants-organizations>

National Endowment for the Humanities (NEH) Digital Humanities Start-Up Grants

Supports the planning stages of digital projects that promise to benefit the humanities. Supports projects in early stages of development and efforts to reinvigorate existing or dormant projects.

<http://www.neh.gov/grants/odh/digital-humanities-start-grants>

LOYOLA SUCCESS STORIES - FUNDING OPPORTUNITIES

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NEH

Fellowships

Supports advanced research that is of value to humanities scholars, general audiences, or both. Projects may be at any stage of development.

<http://www.neh.gov/grants/research/fellowships>

NEH

Scholarly Editions and Translations Grants

Supports the preparation of editions and translations of pre-existing texts and documents of value to the humanities that are currently inaccessible or available in inadequate editions.

<http://www.neh.gov/grants/research/scholarly-editions-and-translations-grants>

NEH

Summer Stipend

Supports individuals pursuing advanced research of value to humanities scholars, general audiences, or both, including continuous full-time work on a humanities project for a period of two consecutive months at any stage of development.

<http://www.neh.gov/grants/research/summer-stipends>

National Institutes of Health (NIH)

Academic Research Enhancement Award (AREA) Program R15

Seeks to strengthen the research environment of the institution and expose students to research. Preliminary data are not required.

<http://grants.nih.gov/grants/funding/area.htm>

National Science Foundation (NSF)

Early-concept Grants for Exploratory Research (EAGER)

Supports exploratory work in its early stages on untested, but potentially transformative, research ideas or approaches.

http://www.nsf.gov/about/transformative_research/submit.jsp

NSF

Facilitating Research at Primarily Undergraduate Institutions (RUI)

Supports research by faculty members at predominantly undergraduate institutions, builds capacity for research at their home institution, and supports the integration of research and undergraduate education.

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5518

NSF

Improving Undergraduate STEM Education (I-USE)

Funds innovations to undergraduate STEM curricula. Replaced Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES), formerly Course, Curriculum, and Laboratory Improvement (CCLI).

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505082&org=DUE&from=home

NSF

Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM)

Provides educational opportunities for undergraduate students and indirect funding for students at this level and focuses on educational developments such as curricula development, training or retention.

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5257

Upjohn Institute

Early Career Research Award

Provides resources to untenured faculty researching all issues related to labor markets and public workforce policy.

<http://upjohn.org/>

Wellcome Trust

Grants

Supports humanities, social science, biomedical science, innovations, and public engagement activities that relate to health.

<http://www.wellcome.ac.uk/Funding/index.htm>

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