UCR Research and Economic Development Newsletter: September 6, 2012
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Vice Chancellor for Research and Economic Development

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Research and Economic Development Update

It's been two months since I began my position as Vice Chancellor of Research and Economic Development. During this time, I've met many faculty and I've been impressed with accomplishments and ambitions of my new colleagues.   One of the things I've heard is that faculty would like more assistance with grant proposals and I have made this a priority. First, I will be working with Charles Greer and Cynthia Wells to streamline and clarify the administrative processes for submitting proposals. Second, I'll be inviting federal officials to talk with UCR faculty about their research programs and priorities. Third, the Research and Economic Development Office is hiring a Grant Facilitator to assist faculty with writing proposals. There is no question that faculty need to come up with the innovative ideas in a proposal. However, a Grant Facilitator can assist with parts of the proposal that require best practices-- assessment, outreach, mentoring plans, data management plans, etc. and a Grant Facilitator can help to make sure the innovative ideas are presented in a way that make them stand out to reviewers.   Two finalists are interviewing at the end of the month. I encourage you to attend their job talks and provide feedback.

I still have much to learn about UCR. I'm looking forward to working with faculty in all disciplines and academic leadership to further UCR's research mission. Please consider setting up a meeting to discuss your research or your thoughts on research or economic development.

Budget Justifications

Within the Research and Economic Development Office, Sponsored Programs Administration (SPA) is responsible for reviewing, endorsing and submitting proposals to extramural sponsors.
SPA does not want to impose more stringent proposal documentation than is required. Thus, in an effort to lessen the administrative burden associated with the proposal review process at UCR, the following procedural changes have been implemented:
1. If a sponsor does not require a budget or budget justification, then SPA will not require it during the proposal submission process (other than completion of the fields on the Budget tab in the eCAF).
2. NIH Modular Budgets – A budget will not be required unless and until the proposal has been selected for funding.
3. If a budget justification is not in violation of federal regulations, SPA will not require that the expense be further justified, unless the PI specifically requests comments on the budget justification. It is the responsibility of the PI, and his/her department, to justify the costs to the sponsor and, if awarded,

maintain documentation demonstrating that the expenditures are allowable, allocable and reasonable and in compliance with university and federal regulations

See http://or.ucr.edu/spa/lifecycle/proposal-preparation-submission/preparing-proposal-budgets-budget-justifications/preparing-proposal-budget-justifications.aspx for information on budget justifications.

NSF Talk: Matthew Platz: Director: Division of Chemistry (9/12/2012)

Wed Sept 12, 1pm Genomics Building Auditorium 1102A

Matthew Platz, Division Director of Chemistry will present a video seminar on 9/12/2012 for UCR faculty and students. Dr. Platz will provide a brief overview of the National Science Foundation. He will discuss the history, mission and organizational structure of the NSF. The federal budget cycle and its impact on operations will be explained. Dr Platz will provide detail on the budget of the Division of Chemistry, award size trends, award rate statistics, and new programs and funding opportunities. The presentation will last about 40 minutes and will be followed by a question and answer period.

While focusing on Chemistry, those that want to gain an insight into NSF are welcome to attend.

Grant Facilitator Job Talks (9/24/2012 and 9/28/2012)

Two finalists for a position in the Research and Economic Development Office are interviewing for a grant facilitator position the last week of September. Faculty are encouraged to attend their talks and to provide feedback to the search committee.

1. Randall Black: Mon. Sept 24, 10am: Kohler Conference Room, Chemical Sciences 231

Grant Writing Tips, Traps, and Strategies, with Examples from Research Infrastructure Proposals

Successful grant proposals respond to funding agency priorities, provide credentials, experience and evidence of the resources for timely performance, and offer reviewers an organized structure to guide their evaluation. Extreme competition requires reviewers to seek out every flaw, discrepancy, inadequacy, obscurity, or omission. It is the grant writer's job to allay potential concerns, guide reviewers to the information they need, offer multiple benefits (including those the agency may not have listed), and present the project as a sound, defensible investment.

Randy Black founded an office devoted to grants development, Research Development, in the UC Irvine Office of Research in 1994. He has worked with teams of faculty to obtain infrastructure, training and research grants from NIH, NSF, Dept. of Ed, private foundations, and other funding agencies. Between 1999 and 2007, he also served as Director of Federal Government Relations. Randy's prior experience as a science writer includes eight years with the UCI Office of Public Information, and four years as a fulltime freelance writer living in New York.

2. Michael Mueller: Fri, Sept 28, 10am Genomics Building Auditorium 1102A

Developing Successful Proposals: Challenges and Strategies for Success

A successful career in academic research requires faculty to develop and submit successful proposals for external funding. All too often, great ideas are submerged within a poorly conceived and poorly written proposal in which common mistakes are made by the proposer. Effective grant writing requires knowledge and skills that can be learned and leveraged for success.

Michael Mueller, Senior Grant Facilitator and director of the Office of Proposal Development at Rutgers, The State University of New Jersey, will discuss typical grant writing challenges and suggest various strategies for developing successful research and training proposals. His presentation will include discussion of individual investigator-initiated research proposals as well as institutional training grants, including the U.S. Department of Education's Graduate Assistance in Areas of National Need (GAANN) Program. Discussion topics will include understanding funding agency goals, identifying and deconstructing funding opportunity announcements, typical grant writing mistakes, addressing broader impacts of research and education programs, and marshaling institutional support for successful proposals.

Michael Mueller is Senior Grant Facilitator and Director of the Office of Proposal Development in the Office of the Vice President for Research and Economic Development at Rutgers, The State University of New Jersey. At Rutgers, he has helped facilitate development of two successful NSF Integrative Graduate Education, Research, and Training (IGERT) proposals, eight successful GAANN proposals, and numerous faculty research proposals. In 2010, he was invited by the U.S. Department of Education to present at a GAANN Program proposer's workshop on marshaling institutional support for GAANN proposal development. A cultural anthropologist and historian, in 1996, he was awarded a Fulbright Fellowship to Cyprus to conduct doctoral dissertation research on the political economy of refugee struggle for rights, resources, and return. He has subsequently served as director of the Center for Continuing Studies at the University of the Arts in Philadelphia, PA, as a research program development officer at Lehigh University, and as co-investigator of a $1.7 million organic agriculture market research project for the USDA's Risk Management Agency and the Rodale Institute. He is a member of the National Organization of Research Development Professionals (NORDP), the American Society for Training and Development (ASTD), and is an expert on sponsored program funding, research project development and evaluation, grant writing, continuing professional education, and organic agriculture.

National Endowment for the Humanities: Match your project to a grant program.

National Endowment for the Humanities has created a web page that helps faculty identify grant opportunities (http://www.neh.gov/grants/match-your-project). A portion of that page of particular interest to UCR Humanities faculty is shown below.

I want to host a program for faculty, scholars, or practitioners to expand their knowledge of a topic.

- Landmarks of American History Workshops for School Teachers
- Summer Seminars and Institutes
- Institutes for Advanced Topics in the Digital Humanities
- Humanities Initiatives at Institutions with High Hispanic Enrollment

I am organizing a scholarly conference.

I am a scholar with formal ties to an institution looking for research support for my project.

- Summer Stipends

I want to create a scholarly edition or reference volume.

I am seeking support for an archaeological project.

I want to preserve a collection and/or make it easier for people to access.

I want to develop or put on an exhibition or cultural program.

I want to develop or produce a radio show or television documentary.

I want to build the capacity of my home institution to support humanities activities.

- Challenge Grants

I want to combine digital technology with the humanities.

I want to create a website with humanities content.

- America's Media Makers: Development Grants
- America's Media Makers: Production Grants
- Humanities Collections and Reference Resources
- Scholarly Editions and Translations
- America's Historical and Cultural Organizations: Planning Grants
- America's Historical and Cultural Organizations: Implementation Grants

I want to develop or refine a humanities course or curriculum.

- Enduring Questions
- Humanities Initiatives at Historically Black Colleges and Universities

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NIH Success Rates for 2010

http://report.nih.gov/success_rates/index.aspx has success rates for various NIH applications and Institutes. Below is the data for the R01 in FY2010.

Fiscal Year	Application Type	NIH Institutes / Centers	Number of Applications Reviewed	Success Rate
2010	New	NCI	3518	16.3%
2010	New	NHLBI	2530	17.4%
2010	New	NIDCR	337	16.3%
2010	New	NIDDK	1545	21.6%
2010	New	NINDS	1459	19.8%
2010	New	NIAID	2097	16.9%
2010	New	NIGMS	2007	19.6%
2010	New	NICHD	1157	15.1%
2010	New	NEI	426	22.3%
2010	New	NIEHS	321	19.9%
2010	New	NIA	1007	14.2%
2010	New	NIAMS	694	19.9%
2010	New	NIDCD	253	24.9%
2010	New	NIMH	1229	22.5%
2010	New	NIDA	944	17.6%

Year	Type	Institute	Count	Percent
2010	New	NIAAA	338	22.2%
2010	New	NINR	193	15.5%
2010	New	NHGRI	91	28.6%
2010	New	NIBIB	398	17.1%
2010	New	NCRR	35	22.9%
2010	New	NCCAM	183	9.8%
2010	New	NIMHD	248	6.5%
2010	New	FIC	27	29.6%
2010	New	NLM	74	21.6%
2010	New	OD	7	100.0%
2010	New	Roadmap	743	8.7%
2010	Renewal	NCI	775	33.7%
2010	Renewal	NHLBI	663	33.5%
2010	Renewal	NIDCR	83	45.8%
2010	Renewal	NIDDK	513	43.5%
2010	Renewal	NINDS	440	37.3%
2010	Renewal	NIAID	521	37.8%
2010	Renewal	NIGMS	913	44.7%
2010	Renewal	NICHD	209	29.2%
2010	Renewal	NEI	242	46.7%
2010	Renewal	NIEHS	64	43.8%
2010	Renewal	NIA	194	29.9%
2010	Renewal	NIAMS	162	34.6%
2010	Renewal	NIDCD	154	46.8%
2010	Renewal	NIMH	272	37.9%
2010	Renewal	NIDA	178	33.1%
2010	Renewal	NIAAA	80	23.8%
2010	Renewal	NINR	20	35.0%
2010	Renewal	NHGRI	24	58.3%
2010	Renewal	NIBIB	115	32.2%
2010	Renewal	NCRR	8	25.0%
2010	Renewal	NCCAM	6	16.7%
2010	Renewal	NLM	10	10.0%
2010	Renewal	OD	3	100.0%
2010	Renewal	Roadmap	1	0.0%

UC Proof of Concept program 2012-13

The University of California has released its 2012-13 solicitation for the Proof of Concept-Commercialization Gap Program (POC). This program makes grants of up to $125,000 for one year to bridge the gap between research and commercialization in the absence of an industry sponsor or investment partner. Projects appropriate for this opportunity have already demonstrated successful results in the research environment and

are poised for commercialization pending a specific, targeted demonstration, test result, or prototype. Projects at the appropriate stage of development are those which have progressed beyond the stage where research funding opportunities (e.g., NIH, NSF, among others) are typically available, but capital from industry or an investment partner has not yet been secured. Applicants must demonstrate that successful completion of the project would likely result in either a technology being licensed to an existing company or spur the development of a start-up company within 1-2 years, and that the innovation has potential to benefit California and its economy.

To be eligible, you must already have disclosed an invention to the UC and have a case number for it. Part of your letter of intent will be a form from the UCR Office of Technology Commercialization that indicates the status and potential of your invention. If you want to submit a proposal, you will need to get together with your person in Technology Commercialization promptly to get this form.

Letters of intent are due October 9. Invitations for full proposals will be issued around October 19. Full proposals will be due December 6, and projects will begin June 1, 2013.

There are many restrictions on what the POC funds can be used for. The $125,000 limit includes 25% indirect costs.

The solicitation and instructions are available at http://www.ucop.edu/poc/call.html.

Reddish Egret
Here is a photo of a Reddish Egret from the Bolsa Chica Wetlands in Huntington Beach**.**

(click to enlarge)

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