

UNLV Research Council
Friday, November 07, 2014
MEETING MINUTES

In Attendance: Brendan O'Toole, John Mercer, Anjala Krishen, Sajjad Ahmad, Ernesto Abel-Santos, Brad Donohue, Tom Piechota, Stan Smith, Zach Miles, David Paul, Martin Schiller, Megan Svarz, Brian Hedlund, Sue DiBella, and Jill Zimbelman

1. FY2015 1st Quarter Reports (Division of Research and Economic Development) – David Paul, Stan Smith, & Zach Miles (reports attached)
 - a. Office of Sponsored Programs
 - b. Office of Research Integrity
 - i. New IRB software will be implemented shortly and will decrease protocol turnaround time
 - c. Office of Economic Development
 - i. Updated IP Policy is being reviewed by NSHE

2. Faculty Opportunity Awards 2015 – Tom Piechota & Brian Hedlund
 - a. The Office of Research and Economic Development will start solicitations for 2015 awards by the end of November.
 - b. A draft Call for Proposals has been prepared and is being reviewed by Research Council and the CoRE Fellows (draft solicitation attached)
 - c. Submission deadline for a Letter of Intent (LOI) is 5:00 p.m., December 10, 2014
 - d. Submission deadline for a Proposal is 5:00 p.m., January 30, 2015
 - e. Proposals will be reviewed by the Research Council, CoRE Fellows, and external reviewers (where appropriate) in the 3 following categories:
 - i. Individual Investigator
 - ii. Innovation/Technology Development
 - iii. Collaborative Interdisciplinary Research (subcategories):
 1. Emerging Area Seed Grant
 2. Center of Excellence Seed Grant
 - f. Source of the FOA funds will come from reserve F&A. \$500,000 in awards is available.

3. Tier One Planning – John Mercer
 - a. Two campus committees have been appointed to assess what it needs to do over the next several years to realize the Tier One vision:
 - i. Tier One Executive Committee

1. This committee will help define the questions the university must ask itself – and the community – to take UNLV from where it is now to what it aspires to be.
 - ii. Tier One Initiative Committee
 1. This committee’s charge is to support and advise the executive committee in the work of determining the critical issues that UNLV must address to achieve Tier One status.
 2. The committee and its area-specific subcommittees will help identify the key metrics for tracking progress and identify strategies to achieve these distinctions.
 - b. Research Council needs to advocate for research throughout the Tier One process
4. General Announcements
 - a. Provost Office & Research and Economic Development Office met with CSUN in regards to creating an undergraduate research office, and CSUN would like to help promote and offer support on these efforts.
 - b. November 21, 2014, Research Council is scheduled to meet with ALA Consultants Re: Tier One. Location: Tam Alumni Center. RSVP to kyle.kaalberg@unlv.edu
 - c. December 02, 2014, Research Council is invited to attend a “How to Locate Grant Funding Opportunities Workshop.” Location: Lied Library. RSVP to carol.brodie@unlv.edu
5. Future Agenda Items
 - a. CoRE Update – Bo Bernhard
 - b. Tour of Switch – Rob Roy
 - c. Identifying Research Strengths – Tom Piechota
 - d. Differentiated faculty types – Monica Lounsbery (Fall 2014 agenda item)
 - e. Vivarium Master Plan – Stan Smith (Fall 2014 agenda item)

Next Meeting: Friday, December 05, 2014, 11:30 a.m. – 1:00 p.m., in SEB 2251

MEMORANDUM

TO: Tom Piechota & Stan Smith
FROM: David Paul
DATE: 10/17/2014
SUBJECT: FY 15 1st Quarter Status of Sponsored Program Activity

PROPOSALS FOR QUARTER		
	<u>Dollars</u>	<u>No.</u>
07/01/13 - 09/30/13	\$53,517,179	174
07/01/14 - 09/30/14	\$80,720,306	152
Total Change	\$27,203,127.00	(22)
Percent Change	50.83%	-12.64%

CUMULATIVE PROPOSALS		
	<u>Dollars</u>	<u>No.</u>
07/01/13 - 09/30/13	\$53,517,179.00	174
07/01/14 - 09/30/14	\$80,720,306.00	152
Total Change	\$27,203,127.00	(22)
Percent Change	50.83%	-12.64%

AWARDS FOR QUARTER		
	<u>Dollars</u>	<u>No.</u>
07/01/13 - 09/30/13	\$26,004,840	136
07/01/14 - 09/30/14	\$25,995,522	119
Total Change	(\$9,318.00)	(17)
Percent Change	-0.04%	-12.50%

CUMULATIVE AWARDS		
	<u>Dollars</u>	<u>No.</u>
07/01/13 - 09/30/13	\$26,004,840	136
07/01/14 - 09/30/14	\$25,995,522	119
Total Change	(\$9,318.00)	(17)
Percent Change	-0.04%	-12.50%

TOTAL EXPENDITURES FOR QUARTER		
	<u>Dollars</u>	
07/01/13 - 09/30/13	\$12,911,288.94	
07/01/14 - 09/30/14	\$14,675,126.81	
Total Change	\$1,763,837.87	
Percent Change	13.66%	

CUMULATIVE TOTAL EXPENDITURES		
	<u>Dollars</u>	
07/01/13 - 09/30/13	\$12,911,288.94	
07/01/14 - 09/30/14	\$14,675,126.81	
Total Change	\$1,763,837.87	
Percent Change	13.66%	

RESEARCH EXPENDITURES FOR QUARTER		
	<u>Dollars</u>	
07/01/13 - 09/30/13	\$8,861,454.72	
07/01/14 - 09/30/14	\$10,330,458.17	
Total Change	\$1,469,003.45	
Percent Change	16.58%	

CUMULATIVE RESEARCH EXPENDITURES		
	<u>Dollars</u>	
07/01/13 - 09/30/13	\$8,861,454.72	
07/01/14 - 09/30/14	\$10,330,458.17	
Total Change	\$1,469,003.45	
Percent Change	16.58%	

RECOVERED F&A FOR QUARTER		
	<u>Dollars</u>	
07/01/13 - 09/30/13	\$2,112,886.47	
07/01/14 - 09/30/14	\$2,169,609.97	
Total Change	\$56,723.50	
Percent Change	2.68%	

CUMULATIVE F&A		
	<u>Dollars</u>	
07/01/13 - 09/30/13	\$2,112,886.47	
07/01/14 - 09/30/14	\$2,169,609.97	
Total Change	\$56,723.50	
Percent Change	2.68%	

MEMORANDUM

TO: Tom Piechota and Stan Smith
FROM: Lori Olafson
DATE: 10/13/2014
SUBJECT: FY 15 1st Quarter Office of Research Integrity Data

<i>SOCIAL BEHAVIORAL IRBs APPROVED FOR QUARTER</i>	
	<u>No.</u>
07/01/13 - 09/30/13	41
07/01/14 - 09/30/14	44
Total Change	3
Percent Change	7%

<i>CUMULATIVE SOCIAL BEHAVIORAL IRBs</i>	
	<u>No.</u>
07/01/13 - 09/30/13	41
07/01/14 - 09/30/14	44
Total Change	3
Percent Change	7%

<i>BIOMEDICAL IRBs APPROVED FOR QUARTER</i>	
	<u>No.</u>
07/01/13 - 09/30/13	18
07/01/14 - 09/30/14	25
Total Change	7
Percent Change	39%

<i>CUMULATIVE BIOMEDICAL IRBs</i>	
	<u>No.</u>
07/01/13 - 09/30/13	18
07/01/14 - 09/30/14	25
Total Change	7
Percent Change	39%

<i>SOCIAL BEHAVIORAL AND BIOMEDICAL IRBs APPROVED FOR QUARTER</i>	
	<u>No.</u>
07/01/13 - 09/30/13	59
07/01/14 - 09/30/14	69
Total Change	10
Percent Change	17%

<i>CUMULATIVE SOCIAL BEHAVIORAL AND BIOMEDICAL IRBs</i>	
	<u>No.</u>
07/01/13 - 09/30/13	59
07/01/14 - 09/30/14	69
Total Change	10
Percent Change	17%

MEMORANDUM

TO: Tom Piechota
FROM: Zach Miles
DATE: 10/1/2014
SUBJECT: FY 15 1st Quarter Status Technology Transfer Data

DISCLOSURES RECEIVED FOR QUARTER	
	<u>No.</u>
07/01/13 - 09/30/13	3
07/01/14 - 09/30/14	6
Total Change	3
Percent Change	100%

CUMULATIVE DISCLOSURES RECEIVED	
	<u>No.</u>
07/01/13 - 09/30/13	3
07/01/14 - 09/30/14	6
Total Change	3
Percent Change	100%

APPLICATIONS FILED FOR QUARTER	
	<u>No.</u>
07/01/13 - 09/30/13	6
07/01/14 - 09/30/14	8
Total Change	2
Percent Change	33%

CUMULATIVE APPLICATIONS FILED	
	<u>No.</u>
07/01/13 - 09/30/13	6
07/01/14 - 09/30/14	8
Total Change	2
Percent Change	33%

LICENSE AGREEMENTS FOR QUARTER	
	<u>No.</u>
07/01/13 - 09/30/13	1
07/01/14 - 09/30/14	3
Total Change	2
Percent Change	200%

CUMULATIVE LICENSE AGREEMENTS	
	<u>No.</u>
07/01/13 - 09/30/13	1
07/01/14 - 09/30/14	3
Total Change	2
Percent Change	200%

INTER-INSTITUTIONAL/TEAMING AGREEMENTS/MOU/MTA	
	<u>No.</u>
07/01/13 - 09/30/13	2
07/01/14 - 09/30/14	2
Total Change	0
Percent Change	0%

CUMULATIVE INTER-INSTITUTIONAL/TEAMING AGREEMENTS/MOU/MTA	
	<u>No.</u>
07/01/13 - 09/30/13	2
07/01/14 - 09/30/14	2
Total Change	0
Percent Change	0%

NON-DISCLOSURE AGREEMENTS FOR QUARTER	
	<u>No.</u>
07/01/13 - 09/30/13	2
07/01/14 - 09/30/14	4
Total Change	2
Percent Change	100%

CUMULATIVE NON-DISCLOSURE AGREEMENTS	
	<u>No.</u>
07/01/13 - 09/30/13	2
07/01/14 - 9/30/14	4
Total Change	2
Percent Change	100%

REVENUE RECEIVED FOR QUARTER	
	<u>No.</u>
07/01/13 - 09/30/13	15,659
07/01/14 - 09/30/14	48,480
Total Change	32,822
Percent Change	210%

CUMULATIVE REVENUE	
	<u>No.</u>
07/01/13 - 09/30/13	15,659
07/01/14 - 09/30/14	48,480
Total Change	32,822
Percent Change	210%

CALL FOR PROPOSALS

2015 FACULTY OPPORTUNITY AWARDS

Deadline: Friday, January 30, 2015

The **2015 Faculty Opportunity Awards Program** is intended to increase innovative research and scholarly/creative activity where there is potential for continued funding by extramural funding agencies, private foundations, or industry, or where modest support can assist in translating innovations to commercially viable opportunities and lead to research disclosure that advance the university's technology development and transfer portfolio. The 2015 program is limited to full-time faculty and is intended to provide short term, non-renewable funding for projects in three categories as described below. Up to \$500,000 is available to support these efforts in this round of proposals. Awards will have maximum budgets of **\$20,000-\$100,000** each, depending on the type of award, project goals, and necessary budget. Involvement of graduate students or undergraduates is strongly encouraged. See below for application instructions.

AWARD CATEGORIES

Individual Investigator Award

These awards are for individual investigators who are developing innovative research areas and will collaborate with well-established investigators who will serve as mentors. The intent of this award is (1) to help catalyze a funded research program for new faculty, (2) to stimulate the development of a new research field for faculty further along in their career, or (3) to support the development of substantive scholarly/creative works by faculty in disciplines outside of engineering, allied health, and the physical and natural sciences. The investigator applying for this award must provide a Mentor Plan that addresses the development of their project. *The primary deliverables from this type of award are the submission of one or more grant proposals from external sources OR a substantive scholarly/creative work.* Successful applications will clearly demonstrate that the proposal is an innovative research direction that has not been previously supported and, where possible, has high potential for external funding. Awards in this category may be funded up to **\$20,000**.

Innovation/Technology Development Award

These awards are for research either by a sole investigator or a team that will develop or enhance intellectual property for the investigators and the university. Investigators or teams who have an idea that has potential for the commercial market can apply for this award. One type of these awards would develop new intellectual property to a point that it may be ready to enter the University's Technology Development and Transfer (TD&T) process. *The primary deliverable for this type of award is a "disclosure" of the new idea or product, which kicks off the TD&T process. However, if the research findings suggest that patent protection is not the best path, then a final report documenting the process would be the primary deliverable.* More information about the disclosure process may be found at <http://www.unlv.edu/research/learn-more>, where applicants can also find a link to the Research Disclosure Form. Additional information, including the University's

Intellectual Property Policy may be found at <http://www.unlv.edu/research/technology-inventors>. Successful applications will clearly demonstrate that the proposal is for a new research disclosure that has not previously been evaluated by the university.

The second type of award will advance existing university technology to a point where it is more commercially viable or will develop new intellectual property supporting existing technology. Normally this existing technology will already have been protected through a patent application. Investigators do not have to identify industry partners; however doing so is encouraged. The primary deliverable for this award is a report on progress made with the financial support. Business plans for a start-up company or licenses with existing companies would substitute for the report. Awards in this category may be funded up to **\$20,000**.

Collaborative Interdisciplinary Research Award

These awards are for collaborative interdisciplinary research teams (multiple faculty members from different disciplines at UNLV or at other universities) who are developing new, crosscutting innovative research areas and intend to pursue large interdisciplinary initiatives. Teams with a mix of expertise composition are encouraged to apply. The motivation for the research topic could be the coalescing of research interests into a larger research topic that extramural funding agencies would support. The primary deliverable from this type of award is the submission of one or more grant proposals for research funding from external sources. Successful applications will clearly demonstrate that the proposal has high potential for external funding. Two types of interdisciplinary awards will be available.

Emerging Area Seed Grant

The Emerging Area Seed Grant has a total budget not to exceed **\$30,000** per project over an 18-month period. This seed grant is meant to stimulate the work of new interdisciplinary research teams with the intent of leading to scholarly efforts and funding opportunities. Given that the teams are new, it is encouraged that a diversity of faculty work together and those from different rank.

Center of Excellence Seed Grant

The Center of Excellence Seed Grant has a total budget not to exceed **\$100,000** per project over an 18-month period. This award is intended to support already existing teams intending to pursue large extramural funding initiatives (e.g., multi-million dollar) that will establish a Center of Excellence at UNLV. This award category requires a one page letter of intent (LOI) that includes the following items: (1) project title; (2) proposing team; (3) brief description of the proposed activities; (4) a list of one or more large extramural initiatives the team intends to pursue; and (5) a list of possible external (non-UNLV) experts who may be called on to review the full proposal. The LOI should be submitted to Dene Charlet by e-mail dene.charlet@unlv.edu no later than **5 pm PST December 10, 2014**.

AWARD AMOUNTS

Awards for each category are described above. Awards are non-renewable. The selection committee has the prerogative to recommend a lesser amount for an individual project in order to make more total awards within the funding available. Awards are intended to fund personnel and supplies for no more than 18 months (12 months for Innovation/Technology Awards) from the official July 1 start date of the award.

Budgets should be prepared with the following allowable and non-allowable budget expenses in mind.

Allowable Budget Items: UNLV undergraduate, graduate student, and post-doc salaries/stipends; consultant fees; student tuition and fees; materials and supplies; service fees at core facilities or external service fees; page charges for journals; domestic or international travel not to exceed \$1,500 solely for the purpose of conferring with research colleagues, and equipment purchases totaling \$5,000 or less. Computer purchases must be fully justified as necessary to meet specific goals of the project.

Non-Allowable Budget Items: Honoraria, hosting, summer salary, and academic year buyouts for faculty (including professional staff, LOBs, and sabbaticals), travel to professional meetings and other venues to present research findings, total equipment purchases greater than \$5,000, and the purchase of books and computers for general use.

APPLICATION INSTRUCTIONS

Access the **FOA routing form, application directions and proposal format, and FAQ** at the [Faculty Opportunity Awards Portal](#).

1. **Assemble the FOA Application Package.** The application package must include these elements:
 - Routing Form
 - Formal written proposal complying to the stated formatting details in seven sections (prepared as one Word document):
 - I. Project narrative (Five page limit for proposals \leq \$30,000; Seven page limit for proposals $>$ \$30,000)
 - II. One page project summary for funding agency OR one-page summary of commercialization potential
 - III. Budget plan (Not to exceed two pages)
 - IV. Curriculum vitae (Not to exceed two pages per investigator)
 - V. Description of current and pending support for each investigator
 - VI. Letters of support (if there is a Mentor or external partners)
 - VII. List of potential external reviewers (proposals $>$ \$30,000)

Specific formatting details are provided in the document titled *2015 FOA Application Directions & Proposal Format*, available for downloading at the [Faculty Opportunity Awards Portal](#). Only complete application packages submitted on or before the deadline date will be considered.

2. Upload Online Application Package. The principal investigator must upload the entire electronic application package at the [Faculty Opportunity Awards Portal](#) no later than 5:00 p.m. on the deadline date. NOTE: The routing form is the only document that may be sent in hard copy form to mail stop 4022 (ATTN: Dene Charlet) or hand delivered to SEB 2102. All other sections of the application package must be submitted online. *Note: The principal investigator will be notified when the completed package has been received.*

Program and application questions: Contact Dene Charlet at 895-2398 or e-mail dene.charlet@unlv.edu.

Evaluation Process & Criteria: Individual Investigator Award

Selection Process: Individual Investigator Award proposals will be evaluated by confidential peer-review panels appointed by the Vice President for Research and Economic Development and composed of UNLV faculty representing a variety of academic disciplines, faculty ranks, ethnicities, and gender. The panel's confidential comments and recommendations will be further reviewed by the Vice President for Research and Economic Development, Associate Vice President for Research and Economic Development, and the Research Council Chair for recommendations to the President. Based on all feedback, the President will make final selection of the awards.

Evaluation Criteria: Individual Investigator Award proposals will be evaluated on the following criteria:

- The proposal's conformity to the stipulated requirements on formatting, budget, and deadlines.
- The overall quality of the proposal and its relevance to the award program's goals.
- The clarity of the project's goals and deliverables and the reasonableness of the proposed timeline.
- The credentials, citations, and funding history of the Principal Investigator.
- The credentials of the Mentor and the quality of the Mentor Plan.
- A cost-effective and well-justified budget that clearly and directly supports the project.
- Likelihood that the proposed project will lead to competitive research funding or a substantive scholarly/creative work.

Evaluation Process & Criteria: Innovation/Technology Development Award

Selection Process: Innovation/Technology Development Award proposals will be evaluated by a committee consisting of subject matter experts, scientific advisor, members of the business community, and individuals involved in the commercial market for intellectual property. The committee's confidential comments and recommendations will be further reviewed by the Vice President for Research, Associate Vice President for Research and Economic Development and the Executive Director for Technology

Transfer for a recommendation to the President. Based on all feedback, the President will make final selection of the awards.

Evaluation Criteria: Innovation/Technology Development proposals will be evaluated upon the following criteria:

- Likelihood that the proposed project will lead to a commercial product or patent.
- The novelty of the idea.
- The potential commercial market for the idea.
- The proposal's conformity to the stipulated requirements on formatting, budget, and deadlines.
- The overall quality of the proposal and its relevance to the award program's goals.
- The clarity of the project's goals and deliverables and the reasonableness of the proposed timeline.
- The credentials, citations, and funding history of the Principal Investigator and (if applicable) other Team Members.
- A cost-effective and well-justified budget that clearly and directly supports the project.

Evaluation Process & Criteria: Collaborative Interdisciplinary Research Award

Selection Process: Interdisciplinary Research Award proposals will be evaluated by confidential peer-review panels appointed by the Vice President for Research and Economic Development and composed of UNLV faculty representing a variety of academic disciplines, faculty ranks, ethnicities, and gender. For large interdisciplinary awards (>\$30,000), panels may consider advice from external reviewers. The panel's confidential comments and recommendations will be further reviewed by the Vice President for Research and Economic Development, Associate Vice President for Research and Economic Development, and one or more CoRE Fellows for recommendations to the President. Based on all feedback, the President will make final selection of the awards.

Evaluation Criteria: Interdisciplinary Research Award proposals will be evaluated on the following criteria:

- The proposal's conformity to the stipulated requirements on formatting, budget, and deadlines.
- The overall quality of the proposal and its relevance to the award program's goals.
- The clarity of the project's goals and deliverables and the reasonableness of the proposed timeline.
- The credentials, citations, and funding history of the Principal Investigator and proposing team.
- The role played by UNLV faculty in proposed efforts. (Although involvement of non-UNLV personnel is encouraged where justifiable, UNLV faculty are expected to play a significant role in the project and subsequent efforts to obtain extramural support.)
- The degree of integration of team members from different academic units.

- A cost-effective and well-justified budget that clearly and directly supports the project.
- Likelihood that the proposed project will lead to competitive research funding or a substantive scholarly/creative work.
- For large awards (>\$30,000), the likelihood that the proposed project will lead to one or more successful large research initiative and establishment of a Center of Excellence.

Post-Award Assessment of Progress

Principal investigators of all successful FOAs are required to submit a progress report on a semi-annual basis according to deadline dates that will be established by the Office of the Vice President for Research and Economic Development. A final report is also required. The deadlines, formats, and delivery of these reports will be provided to PIs online. In all award categories, semi-annual progress reports and the final report must note any work products (e.g., publications, presentations, displays, productions, etc.) resulting from the Faculty Opportunity Award.

PIs in the Individual Investigator category are required to submit at least one proposal to a peer-reviewed, competitive grant program. Documentation of the success or failure of the proposal(s) must be noted. PIs in this category who were awarded funding for a scholarly/creative work with no possibility of external funding must demonstrate significant progress on or completion of the project.