

Administering Large and Complex Projects

NATIONAL
COUNCIL OF
UNIVERSITY
RESEARCH
ADMINISTRATORS

Established 1959

NCURA

Ann T. McGuigan, PhD, Director, Research Development, George Mason University and National Organization of Research Development Professionals (NORDP) Board of Directors.

Alicia J. Knoedler, CRA, PhD, Assistant Vice President for Research, University of Oklahoma and NORDP Board of Directors.

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Introductions



Ann T. McGuigan, PhD
Director, Research Development
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Jacob E. Levin, PhD
Asst. Vice Chancellor
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Alicia J. Knoedler, CRA, PhD
Asst. Vice President for Research
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A close-up photograph of two hands shaking in a firm grip. The hand on the left is darker-skinned and wears a light blue and white striped shirt cuff. The hand on the right is lighter-skinned and wears a dark suit sleeve. The background is a soft-focus office setting with a white door handle and a blue wall.

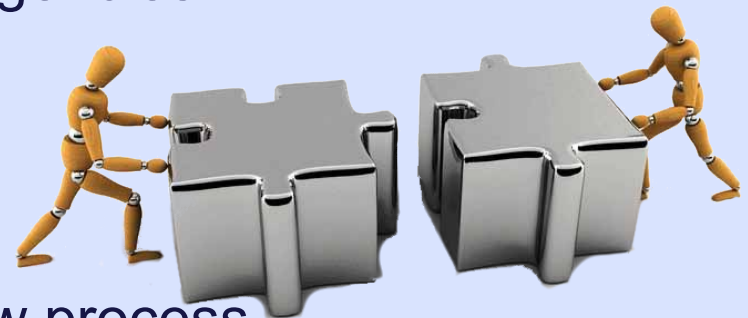
Role of the Research Development Professional

Research Development professionals facilitate research excellence by initiating and nurturing critical partnerships and alliances throughout the institutional research enterprise.

Role of the Research Development Professional

Specific Responsibilities include:

- Strategic development of research programs
- Research funding opportunity identification and targeted dissemination
- Grant/contract proposal development
- Forms and submission assistance
- Interaction with funding agencies
- Research team building
- Outreach activities
- Training
- Limited submission review process
- Coordination with institutional research administration and leadership



Today's Research Environment

- Interdisciplinary
- Industry Collaborations
- Multi-Institutional Centers
- Foreign Collaborations
- Pass-thru Centers
- Infrastructure Grants
- etc., etc.....



Today's Research Environment


more **BIG**
SCIENCE



Issues that can affect the administration of large projects

1. Collaborations or multiple participants
2. Industry, Foreign or other partners
3. Cost-sharing and Letters of Support
4. Limited Submissions
5. Outreach and Education
6. Data Sharing
7. Non-research units



The background of the slide features a faint, stylized image of a globe on the left side, with several puzzle pieces floating or attached to its surface. On the right side, a hand is shown holding a single puzzle piece, symbolizing the assembly of a larger project or the integration of various issues.

Issues that can affect the administration of large projects

1. **Collaborations or multiple participants**

- Coordinating multiple PIs and departments
- Managing the proposal preparation process
- Commitments in the Narrative
- Writing in one voice
- Budget authority
- Subcontracts
- Indirect costs
- Letters of Support

Distribution Stem Cell of Personnel and Resources by Element – SUGGESTED

	Researchers	Cores	Campus Resources
X	*Donovan *Wallace *Calof *Sander Anderson Bryant (2) Cho Cummins Gardiner LaFerla Lane Limoli Lock Monuki *Procaccio Putnam Yokomori Zhou	*Flow cytometry and cell sorter *Confocal, 2-photon and EM *High-throughput screening hES cell culture hES derivation embryo microinjection large-scale ES culture Spectrophotometer	*CCBS *MAMMAG INRF BLI ICTS (GCRC) Transgenic Mouse Facility Gillespie Vivarium LFD *DBC (OBC) Chemical Libraries Protein sequencing, synth, exprxn Mass Spec *OTA *campus grad training programs
Y	*Keirstead *Cramer *Anderson *Calof *Cummings *Lane *Hermanowicz *Yokomori *Lerner *Klassen *MacGregor LaFerla Wang	Nucleofector and nucleocounter *Cytometry High throughput small mol screen *Imaging SEM, 2-photon, Confoc hES cell culture hES derivation embryo microinjection Lg Cap Cell Culture *Regulatory Core Spectrophotometer *Videoconferencing	BLI Biotech Resource Facility (BRF) *LFD *INRF ICTS (GCRC) Protein sequencing, synth, exprxn Mass Spec *Reeve-Irvine *Transgenic Mouse Facility *Viral Vector Shared Resource *Stem Cell Vivarium IBAD, Chem Dept, DBC (OBC), Struct Bio Resources, OTA
Z	*Cramer *Keirstead *Wang *Lerner *Mozaffar Hermanowicz *K. Anderson *Galassetti Klassen *Wallace	*Human Performance Lab *Stem Cell Regulatory Core *Clinical Space Nucleofector and nucleocounter Cytometry Videoconferencing	*ICTS (GCRC) BLI, Bioengineering *Biotech Resource Facility (BRF) *Joslin Diabetes Center *Clinical Spine Initiative *Chao Cancer Center, GERI, Samuelli Center *UCI Stroke Center *Human Functional Imaging *OTA *West Coast Fertility

* represents detailed description. Otherwise – one or two lines at most.


Bold names are housed in the building, others are not. **Greyed** items are changed/new

Questions:

4. Z has people listed twice (like Hans) as it is organized by disease, X and Y do not.
5. Core services in Z are after campus resources (except Human and Metabolic Cores, which are both before and after), in X and Y only before. CTSC listed as Core & Campus resource in Z.
7. Calof needs to come out of one of Y and Z. I recommend we can put her USCB collaboration in Y (photoreceptors grown in a dish)
8. Some resources should be mentioned many times (though only described in detail once) like BLI, others can probably be mentioned only where relevant (Stroke Center in Z), some need different details describe in each (ICTS – core labs in X, Y; human performance lab and clinical intake capabilities in Z)

Todo:


1. Get new Ping write-up of Z project with Chandy - **Peter**
2. Get new Wallace write-up of clinical research - **Jacob**
3. Update all SEED grant awardees projects to be more Stem Celly using Abstracts - **Jacob**
4. Update Calof's project from new text - **Jacob**
5. Add Calof's Z project with UCSB - **Jacob**
6. Add UCSB collaboration info - **Jacob**
7. Move all people, cores and resources to approp. Elements based on 10-10 mtg - **Jacob**
8. Rewrite Cores to match organization in diff Elements - **Jacob**
9. Contact Hermanowicz to get Stem Cell write-up - **Steve**
10. Move Wallace to Y to X - **Jacob**
11. Contact Tom Lane re Z component project? - **Hans**
12. Some of the people in Y should probably be reduced to 2 line descriptions depending on space, so need to decide that. – **Peter**
13. Write Overall Summary, and Part X 1-pg Overview – **Peter**
14. Write clinical space core resource section for Z – **Steve**
15. Need to add collaboration with West Coast Fertility Clinic – **Hans**
16. All the other sections need to be written: Abstract, Pub Abstract, Summary of Benefit. – **Leslie/Peter**
17. Update all participants with pub count, and prestige journals - **Jacob**
18. Dick Chamberlin's Machine info - **Jacob**
19. Gillespie Quarantine room info from Jeff Goodwin - **Jacob**
20. Spinal Cord Clinical Initiative – Kim Anderson has summary document written for Bailey - **Maura**
21. Ping Wang and Chandy - **Peter**
22. Put 1000SF Lane in for 1 FTE – **Peter talk to Lane**
23. Move MacGregor into X, and use as example of how we recognize promising technologies to move to Y - **Hans**
24. Stem Cell Exec committee meets every week, so once a week invite the Stem Cell Advisory committee to evaluate certain projects for their potential for 'promotion' along the X-Y-Z pathway - **Hans**
25. Earthman – SET2 grant - **Jacob**
26. Add Nalciglu (CIRM fellows in Y) – **Hans**
27. Make a final decision about listing Sue and Os - **Peter**

A hand holding a puzzle piece against a background of a globe. The globe is partially visible on the left side, showing continents and oceans. The hand is holding a single puzzle piece, which is a light blue color. The background is a light blue gradient.

Issues that can affect the administration of large projects

2. Industry, Foreign or other partners


- Cost share requirements
- Institutional commitments
- Consortia
- Reporting requirements
- Can't assume faculty have all the connections

The background of the slide features a light blue gradient. On the left side, there is a faint, semi-transparent image of a globe. Overlaid on the globe and the background are several puzzle pieces. One puzzle piece is being held by a hand in the bottom right corner, and another is visible on the globe. The main title is centered in the upper half of the slide.

Issues that can affect the administration of large projects

3. Cost-sharing and Letters of Support


- Cost share requirements
- Institutional commitments
- Export Control
- MTAs

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Issues that can affect the administration of large projects

4. Limited Submissions (and other constraints)


- Knowing what's out there
- Timelines & Turnaround
- Internal review
- Unusual funder constraints

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Issues that can affect the administration of large projects

5. Outreach and Education


- Required part of many large proposals
- Most faculty have no experience
- External evaluation
- Need coordination across partners
- Might need to develop new resources and programs

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Issues that can affect the administration of large projects

6. Data Sharing

- Required part of many large proposals
- Most faculty have no experience
- Commitments could impact award
- Intellectual Property

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Issues that can affect the administration of large projects

7. Non-research units

- Facilities and Construction grants
- Environmental impact
- External evaluation

Contact Information



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National Organization of Research
Development Professionals



<http://NORDP.org>

Annual Research Development Conference
Wednesday-Friday, June 8-10, 2011
Newport Beach, CA



TOP LINKS

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News from NORDP:

NORDP Annual Research Development Conference

The Third Annual Research Development Conference will be Wednesday-Friday, June 8-10, 2011 in Newport Beach, CA. Please check back for more information to follow soon. Conference materials from the [First](#) and [Second](#) Annual RD Conferences are available.

Welcome to our new Organization!

Researchers are increasingly addressing complex problems that require cross-disciplinary collaboration and the need for research to be conducted by diverse teams. Funding agencies make available grants and contracts for such team research projects, but this type of funding (program projects, centers, consortia and networks) is highly competitive and pursuit of these opportunities requires resources over and above those to support individual research programs. As universities and other research organizations consider how best to compete for these special opportunities, the National Organization of Research Development Professionals (NORDP) explores this challenge in search of effective practices and best approaches to support the efforts of researchers to initiate and nurture critical partnerships and secure collaborative extramural research funding. We welcome your interest in NORDP!

Sincerely,

Holly Falk-Krzesinski, Ph.D.
President, NORDP
Research Assistant Professor and Director, Research Team Support
Clinical & Translational Sciences Institute
Northwestern University