

THE YVONNE L. MUNN CENTER FOR NURSING RESEARCH

Yvonne L. Munn Nursing Research Awards 2017-2018

Prepared by YLM Research Award Committee

Mary Larkin (co-chair)

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Today's Discussion

- Background of Munn Award
- Elements of preparing a proposal
- Why do this?
- Resources to support you

Background

- The Yvonne L. Munn Research Award
 - Initiated in 1998
 - Recognition of MGH national nurse leader
- Award developed to fund studies by MGH nursing staff to advance Nursing Science and improve outcomes for patients & families
- To date, 43 studies have been funded

Munn Research Projects Can Include:

- Advancing Evidence-based Practice
- Performance Improvement
- Original Research

Examples of Awards in Past Years....

- Malnutrition in Heart Failure Patients
- Prolonged Mechanical Ventilation & Weaning
- Evaluation of the Environment of Care
- Family-Centered Care at MGH/C (Pediatric)
- Delirium in Acute Care Patient Falls
- Use of Music as a Therapeutic Intervention
- Effect of Hatha Yoga during Stem Cell Transplant
- Constipation Among Hospitalized Older Adults
- Death and Dying in the ICU
 - Samples available for review upon request

Impact of Funded Studies

- **Direct practice changes**
 - Staff education: Drug calculator
 - Patient and family education
 - Practice change to allow families in ED to be present during resuscitation efforts
- **Publications and Presentations:**
 - Local, national, and international
- **Academic decisions:**
 - Return to school, dissertation topic, leadership roles in the organization, etc

Applicant Eligibility

- RN at MGH
- Staff nurse role
- At least 20 hours/week, permanent, benefits-eligible employee
- Part-time nurses collaborate with a full-time co-PI
- Doctoral/postdoctoral RNs not eligible. Contact Munn Center for other funding options

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Project Eligibility

2017 Patient Care Services Goals

- **Optimize our preparation, implementation and stabilization for a successful “change” to eCare.**
- **Keep MGH Employee of Choice: Continue to build a respectful and inclusive workplace.**
- **Advance patient care affordability by eliminating waste and promoting care best designed to support patient/family needs and quality-of-life outcomes.**
- **Increase capacity through focus on ensuring patients are in the right bed at the right time.**
- Munn Nursing Research projects must support the PCS strategic goals via one of three main avenues:
 - Evidence-based practice
 - Quality improvement
 - Original research

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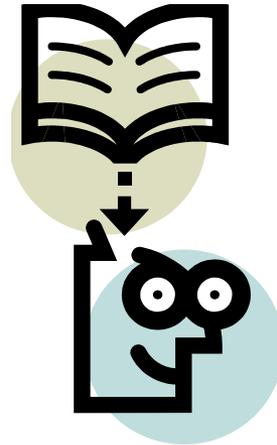
Eligibility, cont'd

- Mentorship
 - Each team must have a designated mentor to provide guidance and oversight and enhance rigor of the investigation. The mentor must be a PhD prepared nurse or a team of a PhD prepared and a DNP prepared nurse
- IRB approval and human subjects protection on-line training
 - Not required prior to submission
 - Required before beginning study
(<http://healthcare.partners.org/phsirb/aboutciti.htm>)

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So where do you begin?

***Contact Stacianne Goodridge at
SGOODRIDGE@PARTNERS.ORG to schedule an
information session***



Also check out the website:

<http://www.mghpcs.org/munn>

Developing your Question

- This is the process of clearly defining your research question within your broad area of interest:
 - Idea emerges – I wonder if...? What is... ? Is there a difference between/among...?
 - Brainstorming with other colleagues, leaders, etc
 - Literature review to understand what is already known on the topic and if there is a gap in the literature
 - Identify study variables
 - Refined research question is formulated

Research Question

- A refined research question will include:
 - Clearly identified variables
 - A specified population to be studied
 - The possibility of empirical testing

Sample question: “What is the impact of a nurse-driven coaching intervention on patients at discharge, return to hospital, and patient/nurse satisfaction?”

Questions about your Question

- Throughout the process, you should be asking yourself the following questions:
 - So what?
 - Is this work significant or meaningful?
 - How will it impact patient care?
 - Is this realistic for a two-year timeline?
 - How feasible is it given available time, resources, etc?

Mentor

- Identify PhD-RN research mentor or a PhD and DNP mentoring team
 - Needed before final proposal submitted
- Many mentors @ MGH & Munn Center
- No Mentor?
 - The Munn Nursing Research Award Committee and Munn Center staff will help guide you

Letter of Intent

- Clear, concise expression of project goal
- Helps to clarify ideas, align support
- Limit of 2 pages
- **Due 10/13/2017**
- Include a letter of support from your Nursing Director or Supervisor
- For sample LOI refer to website <http://www.mghpcs.org/munn>

The Letter of Intent Includes:

- **Name, credentials and contact information**
- Study Aims and Research Question
- Background/Significance
- Study Design/Analysis
- Team members (including roles/responsibilities of team members)
- Mentor's name (PhD-RN - if identified)
- Limit of two pages
- Your CV (not included in page limit)
- Attach letter of support from ND or supervisor

2017-18 Proposal Dates

- December 8, 2017 (5pm): Proposals due
- January 19, 2018: Feedback to applicants following internal review
- February 2, 2018 (5pm): Final proposal with any requested revisions due
- Mid-February: Proposals sent for external review
- Late Feb/early March: External Reviewers rank proposals
- Late April/early May: Funding decision to applicants
- May: Awards presented during Nurse Recognition Week

Formatting the Proposal

- Margins of 1” all around
- Font of 11-12 pitch
- Single spacing
- Headings clearly conforming to stated elements
- Include word count for abstract (following last line of abstract)

Elements of the Proposal

- Title of proposal
- Type of submission (original research, EBP, quality improvement)
- Abstract
- Introduction
- Background addressing gap in knowledge &
- Significance addressing support of PCS goals
- Study Aims with research question
- Methodology
- Data analysis
- Potential contributions to nursing/dissemination plans
- List of team members and their role/responsibility
- Budget and other attachments

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Abstract

- Maximum of 500 words (include word count in proposal)
- Provides the first impression of your project
- Explains key elements of proposal (future tense)
- Includes summary of:
 - Purpose, importance and specific goals
 - Planned research design, methods and analysis
- Look at other abstracts for ideas
 - Previous Munn Awards
 - Published research articles
 - NIH RePORTER (Research Portfolio Online Reporting Tools)
(<http://projectreporter.nih.gov/reporter.cfm>)

Introduction

(No more than 1 page)

- Engages interest of Reader
 - Describe the “problem”
 - Why the “problem” is important
 - What is the gap in knowledge that your project would address?
 - Expand upon LOI description

Background and Significance

(No more than 2 pages)

- **Clinical problem of interest**
- **Highlights of literature search**
 - What is & is not known
 - Areas of ambiguity or contradictions
- **Significance**
 - Potential contributions of study to:
 - Practice of nursing
 - Patient and family outcomes
 - MGH PCS Goals / Initiatives

Aims with Research Question

(No more than 1 page)

- Specific Aim (general long-term objective)
 - e.g. Change practice, Innovate, Solve a problem
- Hypothesis or research question
 - Tells reader what details will be studied
 - Delineate variables of interest
 - Succinct description of topic to be studied
 - Frames the study focus

Methodology (No more than 3 pages)

- Who will your study subjects be?, Where?
- How will you get them involved?
- What will you ask them; or do to/for them?
 - Instruments (psychometrics if indicated)
 - Data collection methods & follow-up
- Clear description of project activities:
 - Timeline
 - Would the reader know what to do?

Data Analysis (No more than 1 page)

- Plans for data management & analysis
 - Power analysis if indicated
 - Data collection, Data entry
 - Anticipated Statistical Methods if used
 - Indicate how analysis will be done
 - For each research question/hypothesis
 - Analysis is appropriate for design & question

Potential Contributions

(No more than 1 page)

- **Potential contributions:**
 - Improved nursing care of patients & families
 - Enhanced quality of life
 - Advanced nursing knowledge
 - Improved patient comfort/satisfaction
 - Empowered patients, families, caregivers
- **Dissemination plan:**
 - Presentations
 - Publications

Roles and responsibilities of study team members

- List team members for your project
 - List names (if known) and their specific responsibilities on the project for example see below:
 - PI: your name responsible for conduct of the study
 - Mentor: mentors name, responsible for advising and assisting with data analysis plan
 - Team member: staff nurse: responsible for helping to identify potential subjects
 - Co-Investigator: name: responsible for assisting with design of intervention

Budget Preparation

- Contact Stacianne Goodridge (sgoodridge@partners.org or 617-643-0431)
 - Download Munn Award Budget template from award webpage.
 - Receive guidance in approved expense categories
 - Request meeting with S Goodridge to draft budget
 - Provide documentation of meeting and copy of proposed budget with final submission (see template on website)

Attachments (no page limit)

- References
- Data collection instruments
- Informed consent forms (if IRB approved)
- IRB approval letter or exempt statement (as applicable)
- Mentor's biosketch
- Letter of support from PhD-RN Mentor
- Copy of budget & approval sign-off by Gaurdia Banister
- Theoretical framework (optional)
- All must be submitted with final proposal

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Budget template/approval

Munn Award Budget	
Budget Category	Amount
Supplies: Detail each supply needed, and the estimated cost for each item.	\$0.00
Statistician: If needed currently at @\$200.00/Hour x X hours	\$0.00
Qualitative Data Transcription: if needed, please include estimated cost for service.	\$0.00
Other: Include any other itmes such relevant to study implementation.	\$0.00
Total	\$0.00
Please work with the Munn Center grant manager for submission this budget. The grant manager will sign the budget as an indicator of approval. This is required with any application.	
Ryan K. Sullivan rksullivan@partners.org	
Approval Date:	

Resources to support your project

- Information session
- Your mentor
- Previous Munn Award recipients
- Y.L. Munn Center for Nursing Research staff
- The Treadwell Library online link
- Your Nursing Director and CNS
- The Munn Research Awards Committee

Additional Resource

- **Clinical Research Program Education Unit**

The mission of the CREU is to provide educational opportunities for Mass General clinical investigators and their study staff by offering courses and seminars that address their unique and rapidly changing educational needs

<https://hub.partners.org/crp/about-us>

- **The MGH Research Institute intranet**

<http://mghresearch.partners.org/>

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The Final Decision

- Late April/May 2018
 - All applicants notified of funding decision
- May 2018
 - Public announcement / award presentation on Research Day of Nurse Recognition Week
- June 2018
 - Each team meets with Review Committee co-chairs and Munn staff to review plans
- Two years to complete study
 - Biannual report to Munn Center (template and instructions provided)
 - IRB filings as required
- Expectation to present completed project: poster at Nursing Research Day, Nursing Research Grand Rounds, professional association, ultimate goal of publication in professional journal

Take-away: Contacts for Questions

- Generic “how-to” questions:
 - Stacianne Goodridge (sgoodridge@partners.org or 617-643-0431)
- Proposal details:
 - Mary Larkin, MS, RN (mlarkin1@partners.org; 724-8695)
 - Kim Francis, PhD, RN, PHCNS-BC (kfrancis2@partners.org; 726-0328)
- Mentor issues:
 - Mary Larkin, MS, RN
 - Kim Francis, PhD, RN, PHCNS-BC
 - Sara Dolan Looby, PhD, ANP-BC, FAAN (slooby@partners.org; 724-7302)
- Budget questions:
 - Stacianne Goodridge (sgoodridge@partners.org or 617-643-0431)