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Center for Research & Grants

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# Center for Research & Grants

## 2012 BHSF Research Summit • October 26<sup>th</sup>

Center for Research & Grants will present the **2012 BHSF Research Summit: *Current Trends and Alternatives in Research*** at the Marriott Miami Dadeland, 8:00am to 4:30pm Friday, October 26<sup>th</sup>. The summit will provide a cross-disciplinary forum to identify innovative strategies, data sources and challenges that affect researchers today.

The Summit is open to all physicians, nurses and research coordinators in the South Florida community. The cost for all physicians is \$85.00. The cost for non-BHSF nurses and coordinators is \$65.00. These fees cover the cost of valet parking, breakfast, lunch and 6.5 ACRP CEUs for coordinators, 6.5 CEUs for nurses, and 6.5 CMEs for physicians. **The conference is free to BHSF research coordinators and nurses.**



Jennifer S. Geetter, Esq.

Guest speakers will include Jennifer S. Geetter, Esq., a partner in the law firm of McDermott Will & Emery LLP. Ms. Geetter is based in the firm’s Washington, D.C., office and focuses her practice on emerging biotechnology and safety issues, scientific review, secondary research concerning biological samples and data warehousing, advising industry on matters relating to research, research strategies, operational and compliance infrastructure, and more. Ms. Geetter will give a State of the Union Address talking about legal regulatory developments in research compliance, followed by a one hour symposium on how to conduct research that is fueled by data and tissue collection.

Ms. Geetter will be joined by two renowned data outcomes specialists from the University of Miami Miller School of Medicine’s Resident Scholar Activity Program (RSAP), Dr. Leonardo Tamariz and Dr. Ana Palacio. Dr. Tamariz will talk about using different sources of data for Comparative Effectiveness Research (using the case of uric acid). He will be followed by Dr. Ana Palacio’s discussion of medication adherence, its challenges, as well as innovative strategies she discovered through research.



Dr. Leonardo Tamariz



Dr. Ana Palacio

The day will end with a panel discussion, moderated by Dr. Think Tran, BHSF Chief Medical and Quality Officer, Corporate Vice President discussing the future of research from a diverse panel of health industry experts specific viewpoints including academic (represented by both the newly created FIU Herbert Wertheim College of Medicine and University of Miami Miller School of Medicine), legal and financial.

Registration for the Summit is now online at [www.baptisthealth.net/cme](http://www.baptisthealth.net/cme). Click on Symposiums. For registration inquiries contact the CME office at 786-596-2398.

For more information, please call 786-594-6724 or email questions to [CRGResearch@BaptistHealth.net](mailto:CRGResearch@BaptistHealth.net).

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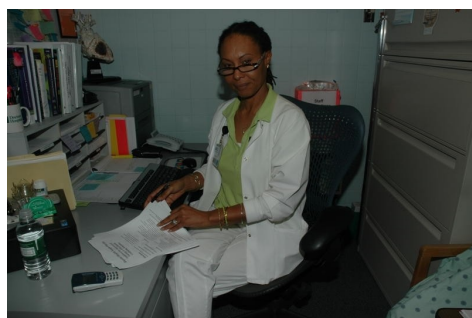
## Nursing Research Spotlight

### Participating in *Small Troubles Adaptive Responses (STAR-2): Frontline Nurse Engagement in Quality Improvement at Doctors Hospital*

By Carolyn Lindgren, RN, PhD

Nurses continually work around operational problems such as missing supplies, nonfunctioning equipment, and failed communication. Nurses at Doctors Hospital recently participated in a national study, *Small Troubles Adaptive Responses (STAR-2): Frontline Nurse Engagement in Quality Improvement* that centered on this issue. The study was sponsored by The Improvement Science Research Network of the Academic Center for Evidence Based Practice of the University of Texas Health Science Center San Antonio School of Nursing.

The purpose of the study was to describe first order operational failures (defects) occurring in medical-surgical clinical units and to investigate relationships among frontline nurses' detection of first order operational failures (defects), organizational context, and outcomes related to quality improvement and patient safety. The research questions of the study were: 1. Describe the type and frequency of first order operational failures detected by frontline nurses on their clinical units; 2. Examine the association between first order operational failures that are self detected by nurses and those that were previously detected by non-participant observers; 3. Explore the relations among frontline engagement (detection of operational defects and team vitality), work environment (culture of patient safety and excellence in work environment), and quality improvement outcomes (quality improvement activities, quality of care, and job satisfaction).



Doctors Hospital was one of five hospitals chosen as a site for the NIH federally funded study. The Doctors Hospital investigative team included Dr. Carolyn Lindgren, Ms. Cheryl Brown, BSN, RN, Ms. Edwina Forges, MSN, RN, Ms. Susan Dingler, MSN, RN, Ms. Barbara Florence RN, Mr. Ignacio Danta BS, RPFT, CRC and Ms. Josette Elysee BS, CRC, PA. The BHSF Institutional Review Board approved the study.

The study was conducted on three DH medical surgical nursing units. In the first phase of the study 29 nurse participants recorded small troubles they encountered in the categories of Equipment/Supplies; Physical Unit/Layout; Information/Communication; Staffing/Training; Medication and Other on a Pocket Card. One card per shift was used with a maximum of 10 cards allotted each participant. The completed Pocket Cards were deposited into a Lock Box placed on each of the study units. In the second phase of the study the nurse participants completed a Survey Booklet containing six surveys: *Hospital Survey on Patient Safety Culture*; *The Practice Environment Scale of the Nursing Work Index*; *Transforming Care at the Bedside Healthcare Team Vitality Instrument*; *Assessment of Quality Care*; *Individual Nurse Job Satisfaction Scale*; and *Quality Improvement Activities* and returned them to the Lockbox. Data collection was completed in June 2012.

The data was entered into the Network Study SharePoint Web site and will be analyzed along with the data from the other hospital sites. The multisite, national basis of the study greatly strengthens the generalizability and accuracy of the study findings. Dr. Lindgren will be attending the July 2012 ISRN conference in San Antonio to share study experiences and findings along with the other hospital participants in the study.



# Financial Conflict of Interests (FCOI) in Research

By Ofer Amit, MSEM, CHRC, Research Compliance Administrator

Baptist Health South Florida (BHSF) has created a policy to comply with the new Public Health Service (PHS) Financial Conflict of Interest (FCOI) regulations, which went into effect on **August 24, 2012**.

The policy includes:

## 1. **Mandatory training requirements**

All investigators (regardless of funding source) must complete FCOI training which is administered via the CITI website: [www.citiprogram.org](http://www.citiprogram.org). See instructions below on how to access the CITI module. The training must be completed as follows:

- PHS funded study personnel were required to complete the training prior to **August 24, 2012**.
- Non-PHS funded study personnel who have studies ongoing must complete the training at the time they are submitting their annual review reports (progress reports) to the IRB or Research Councils.
- Study personnel submitting new applications must complete the training at the time of the application submission.

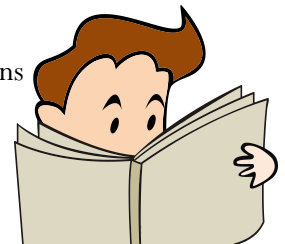
Training for all study personnel must be completed at least every three years, the deadline for completion will be linked to your current CITI expiration date.

The definition of "investigator" includes Principal Investigator (PI), key personnel and any other person (regardless of title or position) that the PI identifies as independently responsible for the design, conduct, or reporting of the research.

- Disclosure of all Significant Financial Interests (SFIs) related to institutional responsibility
- Public access to FCOI information

All SFIs - A financial interest consisting of one or more interests (publicly traded entity, non-publicly traded entity, intellectual property or reimbursed or sponsored travel) of the Investigator's spouse or dependent children that reasonably appear to be related to the Investigator's BHSF responsibilities must be reported.

The investigator's BHSF Responsibilities are activities carried out as part of the Investigator's obligations to BHSF. These include activities such as employment and/or contractual obligations, research, research consultation, teaching, clinical and professional services, institutional committee memberships, and service on panels such as Institutional Review Boards (IRBs). BHSF will provide public access to FCOI information.



## **For Existing CITI Users:**

- Visit: <https://www.citiprogram.org/>
- Log in with your CITI username and password.
- Under my courses: Click on add a course or update your learner groups for Baptist Health South Florida.
- Respond "yes" to question number 3, "Would you like to take the Conflicts of Interest course?"**
- The Main Menu will appear: - Under my courses - Conflict of Interest, Stage 1- status: "Not started - enter". Click on the red "Enter" word and you will be directed to the modules that require completion.

## **For New CITI Users:**

- Visit: <https://www.citiprogram.org/>
- Register as a new user and follow the prompts.
- Respond "yes" to question number 3, "Would you like to take the Conflicts of Interest course?"**
- The Main Menu will appear: - Under my courses - Conflict of Interest, Stage 1- status: "Not started - enter". Click on the red "Enter" word and you will be directed to the modules that require completion.

If you have any questions about this new policy, please contact Ofer Amit, Research Compliance Administrator, at (786) 594-6709, or at [researchcompliance@baptisthealth.net](mailto:researchcompliance@baptisthealth.net).

# Undertreatment of Osteoporosis – A Real and Pervasive Problem

By Gary M. Kiebzak, PhD

It has been known for over a decade that osteoporosis is underdiagnosed and therefore undertreated.<sup>1</sup> The problem is worse for men than for women. Despite special reports from the US Surgeon General in 2004<sup>2</sup> and The Joint Commission in 2008<sup>3</sup>, undertreatment of osteoporosis remains a real and pervasive problem throughout the western world.



Why? There are many reasons but one may be that unlike other diseases, diagnosis and treatment of osteoporosis does not fall within the realm of one medical specialty: rheumatologists, orthopedists, internists, gynecologists, primary care physicians all may diagnose and treat osteoporosis. Thus often, it may be assumed that “someone else is taking care of it.” Also, hospital administrators may not understand or recognize the morbidity and mortality associated with osteoporotic fractures and thus do not support bone health and fracture prevention programs.

In anticipation of new core measures, The Joint Commission recently conducted a study to assess the effectiveness and functionality of draft survey tools focused on ER discharge instructions, risk assessment and treatment after a fragility fracture, and laboratory investigation for secondary causes of osteoporosis. BHSF participated in this project. Performance results showed that at BHSF facilities, there are gaps in quality of care between what can be

done and what is being done.

Excellent tools are available to diagnose osteoporosis and to estimate fracture risk. There are many therapeutic options for prevention and treatment. Also, successful programs exist that serve as models for how to improve care after an osteoporotic fracture and to prevent additional fractures. Who will take the lead in correcting the problem of undertreatment of osteoporosis?

1. Kiebzak GM, Beinard G, Perser K, Ambrose CG, Heggeness MH, Siff SJ. 2002 Undertreatment of osteoporosis in men with hip fractures. *Archives of Internal Medicine*, 162 (Oct 28): 2217-2222.
2. Bone Health and Osteoporosis. A Report of the Surgeon General. 2004 U.S. Department of Health and Human Services.
3. Improving and Measuring Osteoporosis Management. 2008 The Joint Commission and the National Pharmaceutical Council.

Dr. Kiebzak will speak about this topic September 20<sup>th</sup>, 7:30am to 8:30am at the Baptist Hospital Auditorium, to launch **Research Exchange**, a new educational series in which BHSF researchers will share their research findings with clinicians for the purpose of improving patient care and implementing best practices. You may enroll through the CME department or on BHU.



# Developing an Outstanding Research Question

By Michelle Gallas, Pharm.D., PhD

Most people associate research with doing something: observing people, testing drugs or devices, collecting and analyzing data. However, the most critical component of the research process has to do with **thinking**. Indeed, one of the fundamental aspects of research is to take time to develop a research question that is worth answering, that people will find interesting, and that is justifiable to spend time and money on. A research question is a formal statement of the **goal of a study**, a logical statement that progresses from what is known or believed to be true to what is unknown and requires further validation. Below, a few tips on developing a good research question:

## 1) *Keep the Imagination Roaming!*

Research Ideas are likely to pop up everyday, if you keep an open mind. Imagination can be stimulated by:

- Careful observation of patients;
- Imagining new methods to address old problems or everyday clinical issues;
- Teaching;
- Engaging in informal conversations with colleagues;
- Getting input from a mentor, colleagues or experts in your area.

## 2) *Be alert to new ideas and techniques.*

A great source of ideas is attending conferences, which is where the work that will ultimately grace the pages of nursing and medical journals is presented.

Another strategy is to keep a skeptical attitude, since the facts that we hold true today, are very likely to be proven wrong tomorrow. A recent example: Harvard scientists are challenging the dogma that women are born with all the eggs they will ever have. They claim to have discovered that ovaries of young women harbor very rare

stem cells capable of producing new eggs, a notion that was unthinkable until very recently. If this study is confirmed, harnessing those stem cells might one day lead to better fertility treatments. (White, Y. et. al.

**Oocyte formation by mitotically active germ cells purified from ovaries of reproductive-age women.** *Nature Medicine*, Feb. 2012.)

## 3) *Master the literature.*

Once an inspiring and worthwhile topic is found, it is time to roll up your sleeves: carrying out a systematic review of the literature in your chosen field is an obligatory first step in developing and establishing expertise in a research area. A thorough literature review demonstrates that the investigator has an excellent grasp on the background of the problem and understands how to begin to address the challenges at hand. Moreover, any research or grant proposal will require a background section based on a literature review.

Understanding the context of your research topic also avoids falling into the trap of starting to work on something that has already been done. In addition, being familiar with the literature is stimulating, since the more you read on a subject, the more ideas you are likely to develop. Don't forget that one very important tool that you have here at BHSF, are the libraries and librarians within our organization, which can assist you tremendously. Don't be afraid to ask for their help!

In summary: to develop an outstanding research idea, the key is to be alert to new developments, keep a wandering imagination, and then be prepared to master the literature. These elements should ensure that your research idea passes the "so what" test, and that your research goals are solid. Happy Research!



## 2012 BHSF Research Summit sponsored by The Center for Research & Grants

### Current Trends and Alternatives in Research:

A cross-disciplinary forum addressing challenges that affect researchers today

October 26, 2012  
Miami, Florida

Marriott Miami Dadeland  
9090 South Dadeland Blvd. • Grand Ballroom

For more information • contact [CRGResearch@baptisthealth.net](mailto:CRGResearch@baptisthealth.net)

## EDUCATIONAL EVENTS

| Date & Time                               | Event  | Location                                      |
|---|--|---|
| Wednesday, 9/5/12<br>8:00 am - 9:00 am    | WKBH Nursing & Allied Health Research<br>Grand Rounds  | WKBH - Classroom 3                            |
| Wednesday, 9/5/12<br>8:00 am - 9:00 am    | PNAP Evidence Based Practice<br>Requirements   | BHM - Oasis I (The Palm)                      |
| Tuesday, 9/18/12<br>12:00 pm - 1:00 pm    | Webinar: At What Point Does Sloppy<br>Documentation Turn into Questionable<br>Documentation? | BHM - Classroom 2                             |
| Thursday, 9/20/12<br>7:30 am - 8:30 am    | Undertreatment of Osteoporosis and What<br>Can be Done About it                              | BHM - Auditorium                              |
| Wednesday, 9/26/12<br>12:00 pm - 1:30 pm  | The Deep Dive: Searching the Databases   | BHM - IT Training Lab (2 South)               |
| Wednesday, 9/26/12<br>12:00 pm - 2:00 pm  | Leading in Group Research Question<br>Development  | MH - Main Conference Room                     |
| Friday, 10/12/12<br>7:30 am - 8:30 am     | Qualitative Research   | BHM - Classroom 5                             |
| Wednesday, 10/24/12<br>11:30 am - 1:00 pm | Assessing UPC Functionality: A Pilot Study   | DH - Cocoplum Classroom 2 <sup>nd</sup> Floor |
| Friday, 10/26/12<br>8:00 am - 4:30 pm     | 2012 BHSF Research Summit  | Marriott Miami Dadeland                       |

## Employee Learn and Grow

The Center for Research & Grants (CRG) is dedicated to providing resources to the healthcare professionals within the Baptist Health system.

A variety of professional awards are available to help you learn and grow and to assist you in furthering your career. No matter your healthcare specialty, you may be eligible to apply to and receive **awards** for; **travel** to and from **seminars** and **conferences**, seminar and conference **fees**, **fellowships**, **residencies**, **recognition**, new or young **researchers**, **educators**, leadership **scholarships**, student scholarships, **international study**, and much more. You also have the opportunity to apply for competitive **program** and **research** grants through an assortment of funding agencies.

Applying for an award is a competitive process. For assistance in developing program and research initiatives, creating the work plan/intervention, determining goals, objectives and outcomes, identifying appropriate measurement tools and composing, editing and submitting the application please contact the CRG via email at [grantsinfo@baptisthealth.net](mailto:grantsinfo@baptisthealth.net).

**Take charge of your  
professional growth  
at Baptist Health!**

For more information, please visit the Center for Research & Grants intranet site, click **Education & Training** for more details on “Learn and Grow Funding Opportunities”.

**Center for Research & Grants (CRG)**

<http://intranet.bhssf.org/en/nursing/crg/Pages/home.aspx>