

## Upcoming Events

The Faculty Research Development Committee will host "State of Research in HPD" on August 29, 12:00 to 1:00 p.m. in the Chancellor's Dining Room. If you would like to attend, please contact Chi Do at x 1784 or quynhchi@nsu.nova.edu no later than August 24.

The Faculty Research Development Committee will also host Dr. Russell Clement of Broward County Schools on September 14, 12:00 to 1:00 p.m. in the Chancellor's Dining Room. If you would like to attend, please contact Kathleen Hagen at x 1235 or khagen@nova.edu.



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## Statistical Consulting Workshops

*Nova Southeastern University's Statistical Consulting Center* is presenting monthly workshops on Generalized Linear Models. Using real-world datasets, the presenters discuss a wide class of models, organizing the material according to what is to be assumed about the dependent variable, whether it be continuous, discrete, categorical, ordered, count, or time to failure. The presenters also focus on the statistical reasoning behind the different models and in the interpretation of computer output, which for the most part is obtained using Stata. The workshops run from 12:00 to 1:00 P.M. and lunch is provided. Please join us September 26, 2007 for the next presentation on Logistic Regression Models. All sessions are held in the Chancellors Dining Room, located in the Terry Building.

Source: *University of Arizona Program in Research Integrity Education Monthly Newsletter*. Volume 7, Number 2. February 1, 2007.  
*Responsible Conduct of Research* by P.D. Magnus and Michael Kalichman.

## Collaboration

Science increasingly depends on collaborations. This is reflected in the increased number of authors per publication. For example, a random sampling of 20 journal articles published in *Science* in 1966 had an average of 1.9 authors per article, with a maximum of 3 authors. By the year 2000, the average had more than doubled to 4.3, with a maximum of 12 authors (Mussurakis, 1993, Khan et al., 1999). The nature of collaborations is so variable that it is difficult to identify a comprehensive set of ethical principles; however, responsible collabora-

tions are defined by openness and communication.

A number of professional societies and journals have published guidelines that address various aspects of collaborations. In 1995, the American Academy of Microbiology published a document summarizing many of the important issues in collaborations plus suggested guidelines for successful collaboration (Macrina et al., 1995). Another report, with a focus on universities and industry, makes a variety of suggestions about

how to overcome the existing barriers to collaboration (National Academy of Sciences etc., 1999).

Different individuals can simply have very different standards and interpersonal styles. Some people consider a verbal agreement to be binding, while others prefer explicit, written contracts. Some favor rapid publication of each new finding; others prefer to amass a body of work for a single large publication. Some are

*(Continued on page 2)*

## Florida University Research Funds Up by \$36.5 Million in 2006

Public and private sector investments in research at Florida universities were up \$36.5 million between 2005 and 2006, totaling more than \$1.6 billion in 2006, according to a new survey. Licensing income increased for Florida universities, and university researchers applied for and were issued more patents than in 2005, according to the survey of 13 Florida institutions by the Technology Transfer Office at Florida State University. Results were announced at the Fourth Annual Florida Tech Transfer Conference in Miami. Florida university researchers were issued 156 U.S. patents in 2006, up from 132 the prior year. The survey reported that 337 licenses generated revenue for universities last year, up from 321 in 2005. Licensing income totaled over \$47 million, up over \$3.7 million from 2005 and a reversal of that year's downward trend due to the phasing out in the marketplace of several successful products based on Florida university inventions. Invention disclosures were down slightly, however, with a total of 636 filings versus 687 in 2005.

# HPD Research Newsletter

## Featured Researcher

This month *Focus on Research* welcomes Dr. Franklin Garcia-Godoy as its featured researcher. Dr. Garcia-Godoy received his DDS degree from the University of Santo Domingo and Master of Science degree from the University of Illinois in Chicago. He brings 28 years experience in biomaterials, biocompatibility, and tissue engineering research into his position of Assistant Dean for Research. According to

Dr. Godoy, he was attracted to NSU by the challenge of establishing research in a relatively new dental school based in a university that is not research intensive. He is happy to report that the results have been very good, as borne out by recent comments of the American Dental Association Accreditation Commission who stated that our research activities and progress in the last five years have been “outstanding.”



**Franklin Garcia Godoy, D.D.S.**  
*Professor and Assistant Dean for Research  
 College of Dental Medicine*

## Health Profession Division Research Contact List

The Office of Research in the Health Professions Division provides support for the faculty and staff of the Health Professions Division in their efforts to obtain and conduct research, while ensuring compliance with NSU policy, sponsor policy, and applicable law.

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**Next F.O.R.  
 Coming  
 mid-September!**

### Collaboration

*(Continued from page 1.)*

convinced that authorship and credit should be reserved only for those who have made the most substantial contribution to the study; others are much freer in assigning credit. Some readily and clearly speak their minds; others are more withdrawn and will volunteer information only if asked.

Although guidelines or regulations do not explicitly cover all these aspects of collaboration, the goal should be communication that clarifies expectations of all parties involved. Although it may not be necessary to put everything in writ-

ing, attempts should be made to explicitly address relevant issues.

### References

Khan KS, Nwosu CR, Khan SF, Dwarakanath LS, Chien PF (1999): A controlled analysis of authorship trends over two decades. *American Journal of Obstetrics and Gynecology* 181:503-7.

Mussurakis S (1993): Coauthorship trends in the leading radiological journals. *Acta Radiologica* 34:316-2320

Macrina FL et al. (1995): Dynamic Issues in Scientific Integrity: Collaborative Research. American

Academy of Microbiology, Washington, D.C.

<http://www.asmsa.org/acasrc/aca1.htm>

National Academy of Sciences, National Academy of Engineering, Institute of Medicine, and National Research Council 1999): *Overcoming Barriers to Collaborative Research. Report of a Workshop.* National Academy Press, Washington, D.C. [the document is for sale, but there are links to free versions in pdf and html]

<http://www.nap.edu/catalog/9722.html>

Focus On Research is a monthly publication of The NSU HPD Research Committee. Contact information:

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