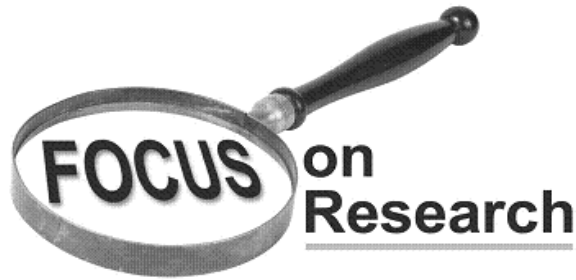


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Volume 4 #2 May 2010

**HPD Educational Research Grant  
2010 through 2011**

**Grant applications will be accepted July 1 through December 1.**

**Additional information and forms are available at**

**[www.nova.edu/hpdtesting/cti](http://www.nova.edu/hpdtesting/cti)**

**Changes to HPD Grant Application Process**

*Patrick Hardigan, PhD; Chair, HPD Research Committee*

To enhance the peer review effort, the HPD Research Committee has developed new forms for HPD Grant applications. The new forms may be found at [http://hpd.nova.edu/hpdresearch/hpdresearch\\_committee/](http://hpd.nova.edu/hpdresearch/hpdresearch_committee/). The Committee put in place a number of changes to ensure that investigators receive appropriate consideration, including enhanced review criteria. The changes will help ensure that both reviewer and applicant expectations coincide for a more efficient and transparent application process. The sections include:

- Cover Page,
- Signature Page,
- Specific Aims,
- Significance,
- Innovation,
- Approach,
- Bibliography and References Cited,
- Vertebrate Animals,
- Select Agents,
- Radiation,
- Budget and Justification,
- Publication Plan,
- Biosketch,
- Resources and Environment,
- Project Timeline.

To this end, the Committee will no longer accept IRB applications in lieu of completing the forms and may return your application to you without a peer review for the following reasons:

- No pre-approval documentation from the appropriate Dean's office,
- No documentation of approval for animals,
- No documentation of approval for using select agents,
- No documentation of approval for using radiation,
- Non-detailed budget,
- Improper formatting, including font size and margins,
- Failure to complete all relevant forms in the application.

**CONGRATULATIONS TO THE WINNERS  
OF THE HPD EDUCATIONAL RESEARCH GRANT COMPETITION**

Sandra Benavides, PharmD, College of Pharmacy: *Implementation of a Web-based Virtual Reality Patient Case-based Learning Management System in the College of Pharmacy.*

Ms. Jennifer Canbek, PT, College of Allied Health and Nursing: *A Tale of Two Case Methods: Investigating the Student Learning Outcomes of two Teaching Strategies Designed to Enhance Clinical Reasoning.*

**RESEARCH GRANT APPROVAL - JANUARY 2010**

College of	Investigator	Protocol Title	Sponsor	Amount
Pharmacy	Rais A. Ansari	Regulation of Human Angiotensinogen Gene By Ethanol	NSU-HPD	\$5,000.00 For two years
Medical Sciences	Raymond L. Ownby	Effects of Computer-Based Cognitive Training on Fluid and Crystallized Skills and Memory in Older Adults	NSU-HPD	\$4,991.00 For two years
Dental Medicine	Jonathan Rapp	The Effects of Multiple Cycles of Use and Sterilization on Nickel-Titanium Rotary Files: Profile, Protaper, Vortex and GTX	NSU-HPD	\$5,000.00 For two years
Dental Medicine	Marianela Cardenas	Comparison Between Shear Bond Strength Using Different Enamel Preparation Protocols and Transbond Self-Etching Primer, in Conjunction with Transbond XT Adhesive And Transbond Supreme LV Adhesive	NSU-HPD	\$2,903.45 For one year
Optometry	Amanda Woodie	Utilization of Vision Training to Improve Baseball Players' Visual Pitch Recognition and Batting Average	NSU-HPD	\$2,500.00 For one year

**RESEARCH GRANT APPROVAL - FEBRUARY 2010**

College of	Investigator	Protocol Title	Sponsor	Amount
Pharmacy	Joseph J. Morrissey	The Effect of Temperature on Drug Action in Breast Tumor Cell Lines	NSU-HPD	\$5,000.00 For two years
Allied Health and Nursing	Laura Schmelzer	Identifying and Understanding How Environmentally-Induced Challenges and Supports Can Influence a Mother's Ability to Orchestrate Health Promoting Habits and Routines in Her Family	NSU-HPD	\$5,000.00 For two years
Dental Medicine	Samira Alempour	Pediatric Dentists' Attitude Towards Passive Physical Restraint by Means of the Papoose Board	NSU-HPD	\$5,000.00 For two years
Pharmacy	Annelyn Torres-Reveron	Estrogen Modulation of Neurotrophin and Opioid Systems in the Female Hippocampus	NSU-HPD	\$5,000.00 For two years

**RESEARCH GRANT APPROVAL - MARCH 2010**

College of	Investigator	Protocol Title	Sponsor	Amount
Pharmacy	Ana Maria Castejon	Quantification of Glutathione in Blood Samples: A Biological Marker for Autism?	NSU-HPD	\$5,000.00 For two years
Pharmacy	Michelle A. Clark	Isolation and Characterizations of Neurons and Astrocytes from Rat Brains	NSU-HPD	\$5,000.00 For two years
Dental Medicine	Jennifer Mazzarella	Crystal-Growth Technique Versus Conventional Acid-Etching: An In-Vitro Comparison of Shear Bond Strength and Enamel Surface Change	NSU-HPD	\$4,540.00 For two years
Dental Medicine	Steven E. Haas	Influence of Gutta-Percha Removal Techniques on Bond Strength of Fiber-Reinforced Posts and Dentin	NSU-HPD	\$5,000.00 For two years

**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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