

SPOTLIGHT

Dr. Mickael Cariveau

Dr. Cariveau received the Education Enhancement Grant from the North Carolina Biotechnology Center.

The North Carolina Biotechnology Center, NCBC, awarded Mount Olive College a grant worth over \$71,000 to establish a lab to train students in traditional cell and molecular biology.

The laboratory will house 2 biological safety cabinets, a cell culture incubator, -80°C freezer, liquid nitrogen storage dewar, a thermo-electron microplate reader, and a Zeiss epifluorescence microscope with digital camera for studying cell signaling pathways.

In addition to enhancing biotechnology education and providing training, Cariveau said, "This will provide an opportunity for students to get training in cutting edge science methodology needed in today's competitive markets and provide the students with an opportunity to engage in one-on-one research that is not available at other institutes." Some of these projects will include identifying proteins that can be targeted to increase the sensitivity of certain cancer types to radiation and chemotherapy.

At least a portion of students' research projects will be done in collaboration with the department of radiation oncology at the Brody School of Medicine and the drug

discovery division of molecular cancer therapeutics at Southern Research Institute in Birmingham, AL.

"The long term goal is to incorporate the technology available through our analytical chemistry and instrument lab to identify new therapeutic targets or compounds that can be used in combination therapies to enhance the sensitivity of human cancers to radiation or chemotherapy and increase the long-term survival of cancer patients," Cariveau said. "I also hope that it will open a door for our students to pursue careers in NC's growing biotechnology industry."

Plans are in progress for developing the curriculum for courses in biotechnology and establishing a minor in biotechnology to be offered as early as 2009.



A Poem from Dr. Rigsbee

A Life Preserver

He watches the light move in and out
behind the evening clouds and listens
to the wild duck's long, sad cadence,
interrupted by crows. He knows
the still air is indifferent
to these rituals. For all that,
he knows the connections there
are the nodes of moments
already deep in the braid
of a rope, coiled and put
in a public place under lock and key,
a life preserver, in case of emergency.

(from the forthcoming book, *The Red Tower: New and Selected Poems*, published by NewSouth Books)

Dates to Remember:

Ciampi String Quartet-SBA	10-7
International Film Series: Darfur Now-6:00-SBA	10-15
International Film Series: The Hidden Fortress-6:00-SBA	10-23
English Society Film-7:00-Raper 120	10-27
Trombone Recital-Dr. Damon-6:30-SBA	10-30
SBA-Southern Bank Auditorium	

SAS Community Service

Dr. Hugo Palacios Moreno is involved with the Hispanic community as a volunteer. He is currently teaching Spanish for Law Enforcement at Mt. Olive Police Department.

Dr. Tyanna Yonkers-Day participated in a Community Visioning Meeting for Duplin County. The meeting was hosted by Citizens for a Safe Environment. The group will be working to propose and encourage the development of clean industry in Duplin County in order to enhance the social and economic aspects of life to the county's residents.

*Dr. Pete Marbais walked and volunteered for the September 18th Light the Night walk in Durham. The **Leukemia and Lymphoma Society** raises funds to fund bone cancer research, promote advocacy, and reimburse patients for expenses. Dr. Marbais volunteers for various LLS events throughout the year.*

Dr. Armstrong is the Minister of Music at his church, Faith Fellowship, in Kinston. He has been there for eight years. Dr. Armstrong also serves the community by playing bagpipes for funerals and weddings, especially funerals involving military personnel.

Dr. Lamm spoke to the Daughters of the American Revolution (DAR) on September 13th on the topic of the American Revolution in the South.

The Henderson Science Club participated in Adopt-a-highway cleanup on Saturday, September 27th.

Events and Happenings

October 11-14, Dr. Tyanna Yonkers-Day and Laura Thompson (Religion Major) will attend the conference "Neuroscience & Spiritual Practice: Transforming the Embodied Mind" at Claremont School of Theology in Claremont, CA. This is an inter-religious conference exploring emerging understandings in neurospirituality. Out of this experiential learning opportunity, Dr. Yonkers-Day and Ms. Thompson will co-present a lecture for the Dean's Lecture series and collaborate on a paper based on a topic that emerges from the conference.

Dr. Armstrong placed fourth out of 13 in the bagpipe competition held in Charleston, South Carolina on Saturday, September 20th.

The First Annual Antiques Appraisal Afternoon will be held at the David John Aaron Teaching and History Museum in Mt. Olive on Sunday, October 19, 2008 from 2:00-5:00 p.m. For more information, contact Dr. Dilda.

Dr. Moore and Dr. Rigsbee will be signing their new books at Quail Ridge Books & Music in Raleigh on Sunday, October 5, 2008 at 3:00 pm.

At 7:00 on Tuesday, October 7th, Dr. Moore will be receiving the 24th Annual Medal of Arts Award for Lifetime Achievement in the Arts at the Fletcher Opera Theater-Progress Energy Center for the Performing Arts in Raleigh.

On Friday, October 10th, Dr. Rigsbee will be reading at the Southern Festival of Books in Nashville, TN.

Dr. Gall entered items at the Wayne County Fair and won in several categories. This was Dr. Gall's first time to enter in a fair. He put 10 entries in 2 divisions: bottles and antiques.

In the "Depression Glass" category of the Antique Division, he entered a display of fluorescent Depression-vintage uranium glassware...colored green by the addition of 2% uranium dioxide...which is why it fluoresces vivid green under a ultraviolet light (aka: black light), he took first place (blue ribbon) in this category.

In the "Miniature" category of the Antique Division, he entered a carved-ivory dachshund figure about 2/3 inch long from tip of nose to tip of tail...and that took 1st-place. He received a blue ribbon.

In the "Over 100 Year-Old Jewelry" category of the Antique Division, he entered a Victorian-vintage carved tortoiseshell cameo locket that won second place (red ribbon).

In the "75-100 Year-Old Jewelry" category of the Antique Division, he entered a carved ivory medallion pendant depicting the Annunciation where the Archangel Gabriel visits St. Mary...which won second place. He also entered a signed painted-on-ivory brooch depicting the Madonna which won 3rd-place (white ribbon).