



RFUF

RETIRED FACULTY OF THE UNIVERSITY OF FLORIDA, INC.

January 2005

Volume 29, Number 2

Board of Directors 2004–2005

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Spring Luncheon

April 7, 2005

Paramount Resort

**Reservation Information
on page 8**

Deadline is March 24, 2005

President's Message

It is my pleasure to welcome you to our spring programs which, once again, offer an excellent mix of topics demonstrating the broad range of expertise at our University. I want to take this opportunity to thank Duane Ellifritt for the excellent fall programs highlighted by our visit to the Butterfly Rainforest – a great addition to UF's Cultural Plaza. I was pleased to see so many of you at our programs this fall and our coffee time continues to be an excellent opportunity to socialize and make new friends. Thanks to Bill Drummond, the Ellifritts, Audrey Clark and Richard Doenges for taking care of the coffee arrangements and to Ed Petkus for being the "donut man".

We were saddened by the departure from this life of two of our past presidents: George Davis was RFUF President during 2001-2002 and Cecil Smith in 1999-2000. George and Cecil were very productive members of our faculty and made many nationally recognized contributions to their fields. We extend our condolences to their families and friends.

Soon your Board will begin preparing a slate of officers for next year –for President Elect (Program Chair) and two Board positions. If you are willing to serve in one of these capacities or wish to recommend someone please do not hesitate to contact me at johanian@ufl.edu.

See you at the Harn on January 5, 9:30 -11:00 am and every Wednesday thereafter. And make your reservations early for our spring luncheon on THURSDAY April 7 when our speaker will be the newly appointed Senior Vice President for Agriculture and Natural Resources, Dr. Jimmy Cheek.

With all best wishes for the holiday season and in the New Year!

Jack Ohanian

Programs Spring 2005

Coffee at 9:30am. Talk begins at 10:00am

- January 5 **DR. STEPHEN C. CRAIG**, Professor of Political Science
"Negative Campaigning"
- January 12 **GARY KIRKLAND**, The Gainesville Sun
"These Are a Few of My Favorite Places"
- January 19 **DR. MICHAEL BLACHLY**, Director, Center for Performing Arts
"Shows for Spring"
- January 26 **WILLIAM SHILLING**, Retired Education Advisor and Senior Course Developer for IBM
"World Population"
- February 2 **DR. SEYMOUR BLOCK**, Professor Emeritus
"Benjamin Franklin; Appreciation of a Genius"
- February 9 **DR. JOHN CECH**, Professor of English and Director of the Center for Children's Literature
"Recess! — Six Years Old and Still at Play"
- February 16 **DR. THOMAS SPREEN**, Professor, Food and Resource Economics
"The Long and Short-term Outlook for the Citrus Industry"
- February 23 **DR. RICHARD H. HIERS**, Professor Emeritus, Religion
"Institutional Academic Freedom"
- March 2 **DR. HUBERT FERNANDEZ**, Co-Director, Movement Disorders Center, Director of Clinical
Trials
"Advances in the Treatment of Parkinson's Disease"
- March 9 **DR. ROBERT WESTIN**, Professor, Art and Art History
"The DaVinci Code' Decoded"
- March 16 **DR. GARY CONSOLAZIO**, Associate Professor, Civil and Coastal Engineering
"Barge Impact on Bridge Piers"
- March 23 **DR. ROY GRAHAM**, Professor of Architecture and Director of Preservation Programs
"Urban Conservation"
- March 30 **DONALD HALPERIN**, Professor Emeritus, School of Building Construction
"Church Architecture"
- April 7*
(*Please note this is
Thursday, not
Wednesday)
- Spring Luncheon, Paramount Hotel**
Speaker: **DR. JIMMY CHEEK**, Vice-President, IFAS

All Meetings are at 10 a.m. at the Harn Museum of Art, unless otherwise noted.

Faculty Awards

- **Dr. Joseph DiPietro**, Dean and Professor of Veterinary Parasitology in the College of Veterinary Medicine, recently received the Dr. Edwin Small Distinguished Alumni Award from the University of Illinois College of Veterinary Medicine and its Veterinary Medical Alumni Association.
- **Professor James Haskins**, Department of English, has received the 2004 John and Patricia Beatty Award from the California Library Association for his book, "Cecil Poole: A Life in the Law." He was also profiled in the seventh addition of "Literature for Today's Young Adults" in the section "Outstanding Authors of Nonfiction for Young Adults."
- **Professor Kathleen S. Kelly**, Chair of the Department of Public Relations in the College of Journalism and Communications, was honored as the 2004 Outstanding Educator by the Public Relations Society of America. The award was presented by C. Del Galloway, the 2004 president and CEO of the society who earned both his bachelor and master's degrees at the University of Florida.
- The University of Florida awarded the late **Dr. Howard T. Odum**, Graduate Research Professor Emeritus in Environmental and Engineering Sciences, the honorary degree of Doctor of Science, posthumously, in recognition of his extraordinary career as a leader in the field of environmental sciences.
- **Professor Yuguang (Michael) Fang**, Department of Electrical and Computer Engineering, has received the prestigious National Science Foundation CAREER Award to work on intelligent resource management and integrated services for wireless mobile networks.
- **Professor Kathleen Deagan**, Distinguished Research Curator, UF Museum of Natural History, has received the 2004 J.C. Harrington Medal from the Society for Historical Archaeology for a lifetime of contributions to the discipline.

Southwest Florida's Heritage

The Calusa Indians, a powerful and complex society, made Southwest Florida its home until its demise in the 1700's. Dr. William Marquardt, Curator in Archaeology at the Florida Museum of Natural History has directed a research project focusing on the ancient domain of Calusa Indians. The subtropical coastal environment of southwest Florida provided a year-round abundance of food—fish and game were plentiful. Plants provided food and medicines. Using locally available materials, such as wood, plant fibers, bone, shell, and shark's teeth, they made canoes and fishing equipment, as well as ingenious tools - a saber made with shark's teeth, axes made with sharpened sea shells fixed to a wooden handle and palm fiber nets that could capture fish in large quantities. They also painted, carved and engraved works of art that are known the world over.

The Calusa were among the last native Florida Indian societies to succumb to the consequences of the European invasion. Victims of warfare, disease and slavery, they ceased to exist as a distinctive culture in the 1700's and are practically unknown to today's Floridians. Dr. Marquardt connect knowledge of our past with stewardship saying, "As modern Floridians face issues of balancing development and the environmental conservation, learning about the role these fragile ecosystems play in our lives is more important than ever before. And the more we learn about Florida's past people and environments, the better prepared we will be to help make Florida's future."

Quoted from www.flmnh.ufl.edu/sflarch

For more on the Calusa Indians, see: "The Calusa and Their Legacy: South Florida People and Their Environment" by Darcie MacMahon and William H. Marquardt.

Fast Facts

Patents

The University of Florida is ranked 10th by the U.S. Patent and Trademark Office in a list of universities that obtained the most awards. 45 percent of the awards that were granted to Florida's universities were granted to the University of Florida.

Gainesville's Diversity

The University of Florida has 2800 international students. An estimated 3000 additional international residents live in Gainesville, representing 100 different countries of the world.

Florida's Temporary Residents

About two-thirds of Florida's temporary residents are over the age of 55. 13 percent come from New York State, 7 percent from Michigan and Ohio, and just under 5 percent from Pennsylvania and Canada.

Faculty Survey

A survey of 1639 faculty this past spring indicated that 71 percent of the faculty believe that the university places too much emphasis on sports, while 50 percent think there is too much emphasis on administration. More than 60 percent think there is too little attention paid to faculty.

HIV-AIDS

39 million persons worldwide have AIDS. It is no longer a young, gay disease: most of those persons are older, heterosexual person, above 50 years in age. In South Florida, 1 in 7 persons over the age of 60 has HIV. Research at universities all over the county has begun to take this problem seriously. UF has recently obtained an endowed chair for AIDS research. Dr. Maureen Goodenow is heading this effort.

Poverty

Poverty in the U.S. is defined as below \$18,850 a year for a family of four. Last year the number of Americans living in poverty rose by 3 million to the total of 35.9 million. This includes 12.9 million children, 17.6 percent of American children live in poverty. And it is getting worse. In the last 36 months, 4.3 million families have fallen below the poverty line.

A New Spud

Have you given up potatoes because you were watching your carbohydrate intake? There is good news. Professor Chad Hutchison has developed a new low-carb potato. He says, "you will love the flavor and appearance of this potato and the fact that it has 30 percent lower carbohydrates compared to a standard Russet baking potato." When it comes to market this January, it is expected to be a boon for Florida's \$120 million potato industry.

U.F. in Paris

The University of Florida now has a research center in Paris, France, located in Columbia University's Reid Hall building. It offers UF scholars an international "home office" for meetings, classroom space and limited office space for program directors and scholars in residence.

U.F. Lastinger Center

Created in 2001, the center works with teachers and administrators in low income communities to improve the schools. Professor Elizabeth Bondy from the College of Education has worked with Duval Elementary, an "F" graded school in Gainesville. With her help and the work of the teachers and others, Duval has now attained a grade of "A"!

U.F.'s Research Awards

During the fiscal year 2003-2004, the University received a record \$475 million in research awards; 57 percent from the federal government and 23 percent from industry and private foundations. The Health Center brought in a record \$256.7 million or 54 percent of U.F.'s award. Over the past decade, research awards have risen by 145 percent

Breathing Easier

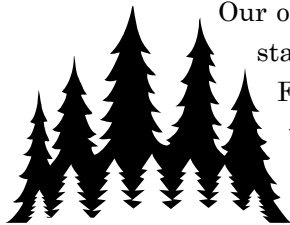
Pollutants in the air have been making it dangerous to go outside in many U.S. cities. The number of Americans with asthma has doubled in the last 15 years to more than 22 million persons, a real health epidemic. What causes asthma is not known, but air pollution triggers attacks. And controlling pollution in the air is one thing we can do something about. In 1977, the Environmental Protection Agency adopted stricter smog limits, but failed to implement them. Under pressure of legal action, the EPA has now designated 474 counties in 31 states as out of compliance with federal smog standards. These areas are now required to prepare clean up plans. Last spring, the EPA finalized new rules that would decrease emissions from diesel-powered tractors and other non-road engines. Locomotives and marine transport are also covered by clean-fuel requirements, but have

been given two years to comply.

States which have major air pollution problems are beginning to meet the challenge. California recently passed stricter limits on emission of diesel-powered backup generators which are frequently located near schools. Transit buses in Dallas and garbage trucks in Houston are being equipped with the latest pollution controls. New York is also looking at a variety of solutions to cut down on pollution. It is estimated that reducing diesel emissions by more than 90 percent could prevent 12,000 premature deaths each year.



Our Ancient Forests



Our oldest forests are facing new threats. With only 10 percent of the old growth still standing, it would seem reasonable to give the forests protection. However, the U.S. Forest Service has made changes that allow old growth logging to double. Most of these forests are in the West, but two areas of Vermont's Green Mountain National Forest are also at risk. The administration is citing fire risks as the reason to log more aggressively in these ancient forests. For example, 7000 acres of trees along the north rim of the Grand Canyon have been marked to reduce the fire risk even though the nearest settlement is 48 miles away.

On a positive note, Debbie Miller, Associate Professor of Wildlife Ecology and Shibu Jose, Assistant Professor of Forest Ecology, are studying North Florida's pine forest—part of the state's \$8 billion renewable forest products industry. They are using an infrared gas-analyzer to photosynthesis of young longleaf pines. Prof. Jose says that photosynthesis removes carbon dioxide from the atmosphere and then the instrument can show how much carbon dioxide is being absorbed or sequestered by the trees, thereby reducing global warming. He points out that these pine forests perform a vital role in protecting the environment and maintaining valuable green space in an urbanized state.

Check out Our
Website!

www.retiredfaculty.ufl.edu

Rehabilitation Revolution

Walking to Recovery



Improving walking after spinal cord injury or stroke is a major goal of the Brooks Center for Rehabilitation Studies. For example:

- ◇ **Biomechanics of Walking:** Supported by a \$1.5 million grant from the National Institutes of Health, Steven Kautz, director of the Brooks and VA human motor performance laboratories, leads a group of clinical researchers and engineers investigating the mechanisms of walking impairment in stroke patients. The laboratories enable researchers to conduct basic science and clinical research with the most comprehensive human movement technology available.
- ◇ **Basic Science:** Floyd Thompson of the McKnight Brain Institute is conducting basic science studies of the neurobiology and neurophysiology of walking that will serve as a bridge to human applications of walking therapies.
- ◇ **Patient's Perspective:** VA researcher Lisa Hannold is investigating the psychosocial impact of locomotor training. Her previous

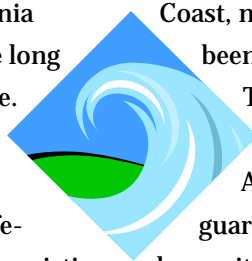
research has demonstrated that patients value the therapy for the improvement it makes in the walking ability, their hope for further recovery and the social support provided by the training team.

- ◇ **Outcome Measurement:** Occupational therapy investigator Craig Velozo is developing outcome measurement tools that will provide researchers and clinicians with more meaningful evaluations of the effects of treatments on patients' walking ability.
- ◇ **Clinical Trials:** With funding from an NIH planning grant, Pamela Duncan is leading a team of investigators from UF, UCLA, and the University of Southern California in the design of a multi-site clinical trial to evaluate a walking recovery program which includes treadmill training. The trial will be the largest randomized clinical trial of a rehabilitation intervention ever performed.
- ◇ **Financing:** A health policy research team will examine the cost effectiveness of therapies developed for walking recovery and the economic or health-care barriers to implementing the treatment.

From *Explore*, Fall 2004

The Plight of the Oceans

Will the oceans survive as health ecosystems? The U.S. Commission on Ocean Policy found evidence that problems noted in 1992 in the ocean off the California Coast to pollution is now systemic. The Oceans have long measures are taken soon to reverse the damage. runoff and coastal development which has been closed or under pollution advisories. establishment of marine protected areas to safeguard, we would be well advised to strengthen the existing laws, and encourage the use of market-based tools for fishery management.



Coast, namely a decline of the fish population due been neglected, but they are resilient if proper These would include control of agricultural resulted in 12,000 beaches each summer Among the initiatives being considered is the guard vanishing coral reefs. In addition, in Florida laws with respect to buildings, enforce conservation

In Memoriam

We regret to announce the departure from this life of our retired colleagues. We extend our condolences to their families & friends.

George R. Bentley
History

Lois Knowles
College of Nursing

Brian Scarlett
College of Engineering

George Davis
Chemistry

Gustave Newman
College of Medicine

Cecil N. Smith
Food and Resource Economics

William Frazer
Economics

Thomas Muther
College of Medicine

Henry Wallbrun
Genetics

MEMBERSHIP

The retired faculty organization, RFUF is always glad to welcome new members. All retired faculty of the University of Florida are eligible to join. Retired faculty who have served at least 10 years at another institution of higher learning are welcome as Associate members with a nomination of two current members.

The spring meetings will begin January 5th with a talk on “Negative Campaigning”; our speaker, Dr. Stephen Craig, has analyzed political campaigns for many years. Speakers for the following meetings include faculty from many different areas of the University in addition to a well-known newspaper columnist and a former business executive from a major U.S. industry. The luncheon speaker will be Dr. Jimmy Cheek, newly appointed Vice President for the Institute of Food and Agricultural Sciences at U.F. Dr. Cheek received his Ph.D. from Texas A&M University and has served as a faculty member and Dean of Agricultural Sciences for a number of years. IFAS has broadened its scope from a vital state resource to a national base, representing the Southeastern U.S. in a variety of national programs. IFAS has received more USDA honor awards for excellence than any other land-grant university of the nation. It continues to grow as a national and international resource for research and teaching.

The cost of the luncheon is \$14, and you will need to make a reservation by March 24th. See the reverse page for appropriate forms for dues and luncheon reservation. Hope to see you at all the fall sessions.



Notice to our membership: If your address label does not read 9/30/05 or later, you have not paid this year’s dues. Please send your check for \$8 to our treasurer:

RFUF
c/o Lucia Yu
1717 NW 23rd Avenue, Apt. 2B
Gainesville, FL 32605

Please pardon our error in the Fall newsletter.



RFUF

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Apt. 2 B
Gainesville, FL
32605**

RFUF Spring Luncheon	March 24, 2005
Name: _____	
Address: _____ _____	
E-mail Address: _____	
No. of Tickets @ \$14.00 _____	Deadline: _____

RFUF Annual Dues	\$8.00
Amount Paid \$ _____	
Name: _____	
Address: _____ _____	
_____	Phone: _____
E-mail Address: _____	
Retired from _____	Dept. _____