



# DEPARTMENT OF FOOD SCIENCE SUMMER 2009 NEWSLETTER

Rutgers, The State University of New Jersey; School of Environmental and Biological Sciences  
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<http://foodsci.rutgers.edu>



**RUTGERS**  
School of Environmental  
and Biological Sciences

## CHAIR'S MESSAGE

It's hard to believe that I've served the Department for two academic years. How time flies! During the last academic year several of our faculty members received national and international awards and high recognition. I am honored to serve as their Chair. Our graduate and undergraduate students received many awards and scholarships. Our GSA won the IFTSA Chapter of the Year in 2008 and again in 2009. Our GSA is the best! Our undergraduate enrollment reached 80 from 31 just over five years ago. I'm very proud of our students and alumni, and wish them continued success. The articulation agreement with Mercer County Community College, for the Culinary® option, has been signed and we are ready to receive their students in fall 2009.

Of course there have been budgetary and other challenges. We've started a fund raising campaign to modernize our undergraduate food chemistry and food analysis laboratories. Please visit our web site for details. With help from our School, faculty and distinguished alumni, I feel confident that we will be successful in overcoming the challenges. The Department's advisory council is providing valuable input.

I invite you to visit our website (<http://www.foodsci.rutgers.edu>) to learn more about what's going on at your alma mater.

With best wishes,



*Karwe*

Mukund V. Karwe

## GRADUATION 2009

With the cooperation of mother nature we had a beautiful day for graduation and many proud students received their diplomas. The Department of Food Science graduated 12 Doctoral students, 14 Master's students and 16 Bachelor's students.

Many of the students and their families joined us for a reception in the Food Science Building following the ceremony. The Endel Karmas Teaching Excellence awards and staff recognition awards were announced.



## AWARDS

**We proudly announce accolades earned by our faculty & students**

Dr. George Carman: Faculty Mentor of the Year (Compact for Faculty Diversity) and Research Excellence Award for Sustained Research and Impact (SEBS).

Dr. Henryk Daun: Was honored by SIT SPOZ in Poland.

Dr. Mukund Karwe: The William Cruess Award for Excellence in Teaching from The Institute of Food Technologists.

Dr. Karl Matthews: The Department of Food Science Endel Karmas Award for Excellence in Teaching.

Dr. Donald Schaffner: The Elmer Marth Educator Award from the International Association of Food Protection.

Our graduate students won nineteen scholarships, one fellowship, one poster competition and one teaching excellence award. Our undergraduate students won fifteen scholarships and two student accomplishment awards.

We are also proud to announce that James H. Moy (Ph.D., Rutgers Food Science, 1965), was elected a Fellow of the International Academy of Food Science and Technology. He joins only 171 living fellows of this Academy.

## INSTITUTE OF FOOD TECHNOLOGISTS 2009 ANNUAL MEETING

On June 8, 2009 the Rutgers University Food Science Alumni Committee hosted the Alumni Reception at the IFT meeting in Anaheim, CA. The event was well attended by alumni, students and faculty, and presided over by Dr. Mukund Karwe and Dr. Laura Rokosz (RU '84). Dr. Karwe shared a State-of-the Department and Dr. Rokosz reviewed this years alumni activities and bestowed alumni awards. Dr. Ellen Lauber, Research Fellow at PepsiCo received the Distinguished Communicator Award; Dr. James Moy, Professor Emeritus of the Food Science and Human Nutrition Department of the University of Hawaii received a Distinguished Scientist Award; and Lou Cooperhouse received a Special Recognition Award for his pioneering efforts as the Director of the RU Food Innovation Center.

**IFT**



Dr. Ellen Lauber



Dr. James Moy



Lou Cooperhouse



Laura Rokosz  
RU '84  
Merck

Bob Gravani  
Ag '67  
IFT  
President  
elect

Liz Sloan  
Cook '73  
Sloan Trends

Mukund Karwe  
Food Science  
Chair

## AG/FIELD DAY AT RUTGERS DAY ON APRIL 25, 2009

As usual, Ag/Field day was busy and fun. This year it was part of the first Rutgers Day, attended by close to 50,000 people. Our students had tremendous success with their biggest fund raiser of the year. Students, faculty, staff and visitors enjoyed a lovely day (the weather was great) to discover the many facets of Cook Campus.

The RUFAC hosted its 8th annual Community Gathering, serving a light lunch and honoring Dr. Kan-ichi Hayakawa (in abstentia) for his contributions to Food Science and Technology. Diane Holtaway of the RU Food Innovation Center gave an engaging presentation.



## OBITUARY

We are sad to announce that shortly after being honored at Ag/Field Day, Professor Hayakawa passed away. He was professor of Food Science from 1964 to 1999. His accomplishments include being major advisor for 14 Ph.D. students and being a world leader in the field of thermally processed foods. He was the first food scientist to use a super computer in his research. We offer our most sincere condolences to his family.



## ALUMNUS FROM CHILE

On a much happier note we were pleased to have received a visit from Javier Zaldivar, a citizen of Chile who graduated from Rutgers Food Science in 1960. He and his wife spent a pleasant day roaming around old haunts and getting a tour of our current building from Dr. Mukund Karwe.



Javier Zaldivar and others c. 1958 (Javier is in the center front holding a camera)



Javier Zaldivar and his wife during their recent visit to the United States

## PROFESSORS' VISITS ABROAD

Dr. George Carman traveled to Germany to present a talk entitled "Phosphatidic Acid Signaling in Yeast" at the 9th Yeast Lipid Conference in Berlin, Germany.

Dr. Henryk Daun spent most of May 2009 in Poland presenting a course on "Innovation in Science and Technology Using Examples of Food Science" at the Faculty of Chemistry, Gdansk University of Technology. While there he also participated in the Polish Congress of Meat Science and Technology.

Dr. Mukund Karwe was invited by the Kuwait University College of Women to review its undergraduate program in Food Science. He gave four seminars on research, and curriculum design and evaluation.

Dr. Thomas Montville traveled to Japan to give a two credit graduate course at Hakodate University and lecture at Tokyo Institute of Technology. Dr. Montville was very impressed with the way the Japanese presented meals, which is quite pleasing as you can see in the photo below.



The Brandenburg Gate  
Berlin, Germany



Dr. Daun and students in Poland



Dr. Karwe with  
Ahmed (his driver) in Kuwait



A typical Japanese meal

## NEW SCHOLARSHIPS/AWARDS

We are pleased to announce two new scholarships:

Dr. Henryk Daun and Family Endowed a Graduate Student Prize in Food Science to be awarded to a graduate student enrolled in the Food Science Graduate Program at SEBS who has an interest in Food Science and Technology that will contribute to improving the world food supply.

Dr. George Carman endowed the George M. Carman Prize in Lipids to be awarded to a graduate student or a postdoctoral fellow/associate in SEBS for outstanding research achievement in the area of lipid biochemistry as evidenced by publication(s) in high-quality journals and academic merit.

## ALUMNI NEWS

IFT's president elect Dr. Bob Gravani is one of our distinguished alumnus. Another distinguished alumnae, Dr. Liz Sloan was a lecture speaker at the IFT 2009 session on "Food Technology Trend Panel: The New Value Equation." The Alumni Committee, in conjunction with the Food Science Advisory Board, plans to host a reunion event later this year or in the spring of 2010. If you are interested in joining the Rutgers University Food Science Alumni Committee, or would like to assist in planning the alumni reunion, please contact **Dr. Mukund Karwe** (karwe@aesop.rutgers.edu) or **Dr. Laura Rokosz** (egglock@comcast.net).

## FUND RAISING

Fund raising efforts spearheaded by the Department advisory Council and the Alumni are ongoing. We are committed to raising funds needed to modernize undergraduate teaching laboratories to state-of-the-art levels enabling us to enhance experience and workforce preparation for undergraduate students.

One hundred percent of your support will go towards this goal. Donors of \$5,000 and above will be recognized in perpetuity on our donor wall inside the lab. Donors can commit their donation over a 5-year payment period and we also welcome in-kind gifts.

If you can help, or are aware of a company that might be able to help, please contact Dr. Mukund Karwe:

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