



NUTRITIONAL SCIENCES NEWS

DIVISION OF NUTRITIONAL SCIENCES • UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Vol 19, Fall 2006

NOTE FROM THE DIRECTOR

Welcome to the 2006 Newsletter! It is difficult for me to believe that I am already in my 8th year as Director of the Division. Each year has presented new opportunities and challenges, but, as a whole, I believe that the Division is currently one of the strongest graduate nutrition training programs in the world and is well-positioned to capitalize on emerging opportunities for multidisciplinary research and training at UIUC, nationally and internationally. The National Research Council currently is conducting its ranking of research doctorate programs and this is the first time that nutrition programs will be evaluated. The rankings will be out in 2008, and it will be interesting to see how we fare! Below, are highlights of the past year's key achievements and upcoming events.



Kraft Professorship: A highlight of 2006 was the investiture of George C. Fahey, Jr., as the inaugural Kraft Foods Human Nutrition Professor, which is a component of the \$1M endowment from Kraft Foods to the Division. Dr. Fahey is a preeminent scholar, with extensive experience interacting with the food industry through consulting and research collaborations, and, as such, is an ideal recipient of this honor. See page 5 for additional information and photographs from the Investiture Ceremony. Thank you Kraft Foods for your generous support and congratulations, George!

New Faculty: Four new faculty members, representing four departments in three colleges, joined the Division in 2005-06 (see pages 23-24). These faculty build upon our strengths in nutritional genomics (Loor), while extending upon our research expertise in clinical medicine (Jakoby) and social science aspects of nutrition, including the effects of media advertising on children (Harrison) and the economics of nutrition policies and programs, particularly in developing countries (McNamara).

New Students: We had another great recruiting year and nineteen exceptional new students were admitted in 2006, bringing the total number of graduate students in the Division to an all-time high of 61! These students represent an impressive breadth of undergraduate training from 12 different institutions and are mentored by 15 different Division faculty members (see pages 10-11).

Alumni: The Division has conferred over 300 degrees in our 39-year history. In this year's Newsletter, we have highlighted five of the earliest graduates of the program from 1969-70 (page 30), as well as our most recent alumni (page 12), and many of the ones in between (see pages 31-33). We are proud of all of your achievements and the ways in which you are utilizing your training in Nutritional Sciences.

Strategic Planning: We currently are engaged in the process of strategic planning. The Urbana campus has outlined a strategic direction that emphasizes multidisciplinary training and research with a focus on human health and wellness, which creates exceptional opportunities for nutrition research. We began the planning process last summer with a web survey. Over 100 faculty members, students, alumni and External Advisory Committee members provided feedback on the strengths and weaknesses, opportunities and challenges facing the Division. This feedback will be instrumental in developing our priorities and I wish to thank those of you who participated. Stay tuned for more updates.

I hope that you enjoy reading about the faculty, students and alumni's activities and accomplishments over the past year. I would like to thank Linda Barenthin and Armgard Haken for preparing the Newsletter and everyone who provided information and pictures. Please do not hesitate to contact me at any time with comments or suggestions (sdonovan@uiuc.edu or 217-333-2289).

Sharon M. Donovan, Ph.D., R.D.

Note from the Director

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VISIT OUR WEB SITE FOR
E-MAIL ADDRESSES OF CURRENT
FACULTY & STUDENTS
<http://www.nutrsci.uiuc.edu>

If you have any comments or
suggested improvements for the
web site, contact us anytime at
nutrsci@uiuc.edu

EXPERIMENTAL BIOLOGY RECEPTION

**Each year the Division hosts a
reception at the Experimental
Biology Meeting. It is a
wonderful opportunity for our
alumni to network with each
other, the faculty and current
graduate students in the
program.**

**If you will be attending the
EB 2007 meeting in
Washington, D.C.,
please plan to join us at our
reception on**

**Monday, April 30, 2007
from 7 - 9 PM
at the Renaissance Hotel
(ASN Headquarters)**

Richard (Dick) Mather Forbes passed away on June 7, 2006 at the age of 90 in Urbana, Illinois. Dick was born on January 8, 1916 in Wooster, Ohio, a son of Ernest B. and Lydia Mather Forbes. He married Mary Medicott on February 26, 1944 in Auburndale, Massachusetts.



Dick graduated from Pennsylvania State University with B.S. and M.S. degrees and from Cornell University with a Ph.D. degree in animal nutrition. He served in the Army Sanitary Corps during World War II. Dr. Forbes was an Assistant Professor in the University of Kentucky Animal Husbandry Department and an Associate Professor in the University of Illinois Department of Animal Sciences Animal Nutrition Division. He was a Professor of nutritional biochemistry at the U of I from 1955 until he retired in 1985.

Dr. Forbes was a fellow in the American Association for the Advancement of Science and American Institute of Nutrition. He received a Gustav Bohstedt Award from the American Society of Animal Science and a Borden Award from the Institute of Nutrition. He enjoyed nature and the outdoors.



Memorial Notes:

Mona Calvo (Ph.D. 1980), a former student of Dr. Forbes, recalls how he used to toss a pink-eared stuffed rat into the audience after lectures.



It was with great sadness that I received the news of Dr. Forbes' death. As time passes we become more mindful of the critical role that mentors have played in our lives. How different our lives might have been without these sage voices at critical times. That is what comes to mind when I think of Dick Forbes, a great friend, always a well-respected voice of reason and, above all, a person I could always count on for sound advice and guidance.

I first met Dr. Forbes in early 1965 when I interviewed for a faculty position in what was then the Division of Nutritional Biochemistry in the Animal Sciences Department. Dr. Forbes was Head of this Division. I was immediately taken by his openness and candor and his subtle sense of humor. It was my good fortune to be offered the position, which I quickly accepted. Then I really got to know Dr. Forbes; he became an individual who played a huge role in decisions that shaped my career.

The Dr. Forbes I came to know was always unselfishly willing to help all he came into contact with: students, faculty, staff, etc. He was the ultimate example of a mentor and a true friend. My years at the University of Illinois were the defining part of my career and very much so because of the presence of Dr. Dick Forbes. He was a prominent scientist, an able teacher and an unselfish source of advice and wisdom. He will be missed but fondly remembered.

Gilbert A. Leveille
Former Animal Sciences Faculty Member
Current Nutritional Sciences External Advisory Committee Member

Kraft Foods Human Nutrition Undergraduate Scholars



In 2002, Kraft Foods established a \$1M endowment in the Division of Nutritional Sciences, which provides funding for undergraduate scholars in the Department of Food Science and Human Nutrition, graduate fellows in the Division, unrestricted support for the Division and a Kraft Endowed Professorship.

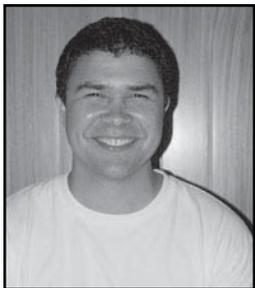
The Division is extremely thankful to Kraft for their generous support of our academic programs and looks forward to our continuing interactions.

Kraft Undergraduate Scholars

The Department of Food Science and Human Nutrition selected the following undergraduate students to receive a \$2,000 Kraft Scholarship for the 2005-06 academic year.

Tim Buran is a Sophomore in Food Science
Pauline Le is a Junior in Food Science
Michelle Moy is a Sophomore in Food Science

Kraft Foods Human Nutrition Graduate Fellows



Ryan Grant grew up in Santa Rosa, CA. He completed his bachelor's degree in Biological Sciences at the University of California, Davis in 2005. During his year off, he worked for the USDA's Western Human Nutrition Research Center researching fructose metabolism. Ryan entered the Nutritional Sciences

graduate program in June 2006 under the supervision of Dr. Jeffrey Woods of the Exercise Immunology Laboratory. The focus of Ryan's research is the effect of exercise on immune function in obesity. A growing body of literature has shown that obesity is associated with immune disturbances, including an increase in chronic inflammation, which is a known causative factor for a number of obesity-associated diseases. Ryan has been doing pilot studies to determine an optimal protocol for determining cardiorespiratory fitness in a mouse model. He also has begun some work looking at the relationship between chronic inflammation and cardiorespiratory fitness using a murine anti-inflammatory cytokine (IL-10) knock-out model. His results have shown that cardiorespiratory fitness, measured by V_{O2} max testing, is not different between wildtype and IL-10 knock-out mice.



Daina Mallard, originally from Evanston, IL, completed her bachelor's degree in Kinesiology with an emphasis in Athletic Training from UIUC in 2005. She entered the Nutritional Sciences graduate program in August 2006 under the mentorship of Dr. Ellen Evans. She plans to integrate her background knowledge of the

musculoskeletal system with her developing nutrition interest. She will study the effect of natural plant chemicals in a weight management regimen.



Fatima Zapata grew up in McAllen, TX. She completed her bachelor's degree in Chemistry at the University of Texas-Pan American in 2006. Fatima entered the Nutritional Sciences graduate program in June 2006 under the supervision of Dr. Gregory Freund. The focus of her research is determining whether vanadyl

sulfate (VS)-dependent up-regulation of IL-1RA or IL-1R2 in the brain improves recovery from hypoxia-induced sickness. She will conduct this experiment by administering VS in an aerosol manner and observe the sickness behavior in db/+ and db/db mice.

George C. Fahey, Jr. was named the inaugural holder of the Kraft Foods Human Nutrition Endowed Professorship at an investiture ceremony held on September 28, 2006. The endowed chair is part of the \$1 million permanent endowment from Kraft Foods North America to the Division of Nutritional Sciences.

Dr. Fahey, an internationally recognized authority on dietary fiber, is regarded by colleagues to be one of the world's leading experts in this research discipline. He also is a University Scholar, one of the highest honors awarded to U of I faculty. He is one of the College of ACES' most respected teachers, leaders and researchers and his extraordinary dedication to progress in the nutritional sciences made him an outstanding nominee for this prestigious endowed professorship.

The goal of Dr. Fahey's research program has been to define the role of fiber and other fermentable carbohydrates on gastrointestinal tract physiology and health. He was a member of the National Academy of Sciences committee that established recommended fiber intakes for the U.S. population. He also has pioneered research on companion animal health and nutrition.

Dr. Fahey is a professor in the Department of Animal Sciences and the Division of Nutritional Sciences, as well as an Assistant Dean in the Office of Research in the College of ACES, in charge of the leadership of the Illinois Council on Food and Agricultural Research (C-FAR) operations.

In addition to the endowed chair, the gift has established Kraft Foods Human Nutrition Graduate Fellowships and the Kraft Foods Human Nutrition Undergraduate Scholarship Program within the Department of Food Science and Human Nutrition (see page 4).

John Ruff, Senior Vice President, Global Quality, Scientific Affairs and Nutrition at Kraft Foods, expressed Kraft's excitement about the collaboration with the Division of Nutritional Sciences, stating that "we constantly seek opportunities to further the scientific underpinnings of our products, and human nutrition is a huge part of that science. We believe the Kraft Foods Human Nutrition Endowment will help to advance that science by opening new areas of human nutrition research and supporting graduate and undergraduate students in human nutrition programs".



Left: **George Fahey, Jr.** and **Linda Katehi** (Provost, UIUC)

Right: **George Fahey, Jr.**, **John Ruff** (Senior Vice President, Global Quality, Scientific Affairs and Nutrition, Kraft Foods) and Provost **Linda Katehi**



Russ Moroz (Senior Director, Global Technology and Quality Strategy, Kraft Foods), **John Ruff** (Senior Vice President, Global Quality, Scientific Affairs and Nutrition, Kraft Foods), **Peggy Martini** (Principal Scientist for Nutrition Applications, Kraft Foods), **George Fahey, Jr.**, Provost **Linda Katehi**, Dean **Robert Easter** and Director **Sharon Donovan**

Nutritional Sciences Endowment Fund



The Division of Nutritional Sciences launched its Endowment Initiative in 2001, and, to date, we have raised a total of ~\$1.5M, through the generous support of individuals (alumni, faculty, friends and students) and corporations. Thank you to those of you who have supported the Division through contributions to the Endowment Fund and the Annual Fund. Your contributions are greatly appreciated and is providing critical support for our students and programs. However, the University of Illinois continues to face diminishing support from the State of Illinois and reduced resources from Federal grant funding. Therefore, your support is needed now more than ever to help us to continue the legacy of excellence in the Division of Nutritional Sciences.

In Spring 2007, University of Illinois President B. Joseph White, will announce plans for a five-year campaign to raise between \$2 and \$3 billion for the University of Illinois. This campaign will rank among the largest fundraising efforts ever for a public university. To accomplish this effort, the University will rely upon the generosity of alumni, friends, corporate partners and private foundations. Therefore, the Division of Nutritional Sciences will be reaching out, particularly to our alumni, to ask that you consider taking this opportunity to make a new contribution or an additional contribution to your alma mater. **To date, fewer than 10% of our alumni have contributed to our endowment initiatives.**

You can donate to our unrestricted Endowment Fund or remember a former professor by donating to one of the established accounts shown at right. The Baker, Robinson and Nishida Awards honor the significant contributions of these long-time Division members, as well as, allow us to recognize excellence among our current students. Similarly, the Visek Lectureship attests to Dr.

Willard Visek's research contributions and provides an opportunity to bring leaders in nutrition research and policy to UIUC to enrich our graduate training program and the stature of nutrition on the UIUC campus.

A primary goal is to establish 5 endowed graduate fellowships; we have two fellowships through the Kraft Endowment. The Provost will match the interest off the endowed fellowship account so that it only requires \$150,000, rather than \$300,000, to endow a named graduate fellowship. If you or your company would like to consider that option, please contact Dr. Donovan (sdonovan@uiuc.edu) or Kim Meenen in the Office of Advancement at 217-333-9355 or by e-mail at kmeen@uiuc.edu.

- **Nutritional Sciences Endowment Fund**
- **David H. Baker Nutrition Scholar Award**
- **Toshiro Nishida Research Award**
- **James L. Robinson Nutrition Impact Award**
- **Willard J. Visek Lectureship**

How to make a Contribution

It is easy to make a contribution on-line. On our web site under the "Endowment Fund" tab, you will find a link http://www.nutrsci.uiuc.edu/endowment_fund/contributions.html that will allow you to use a credit card.

Alternatively, you can send a check to the Division office. Please make the check payable to the "University of Illinois Foundation" and indicate your account preference on the check subject line or in a letter accompanying the check.

If you work in industry, please inquire whether your company participates in a matching program. Your donation is tax deductible.

"There is a nobility of purpose in this institution, a rich legacy that inspires us, and a determination to improve the lives and expand the possibilities of all who are touched by our efforts." UIUC Chancellor Richard Herman

On January 25, 2006, the recipients of the Baker, Nishida and Robinson Graduate Student Awards were announced. The **David H. Baker Nutrition Scholar Award** is given annually to the most outstanding graduate student majoring in Nutritional Sciences at UIUC; the **Toshiro Nishida Research Award** is given annually to a Nutritional Sciences student at UIUC to help foster professional development by supporting travel to scientific conferences; and the **James L. Robinson Nutrition Impact Award** is given annually to the graduate student who has made the greatest extracurricular impact on the Division of Nutritional Sciences.

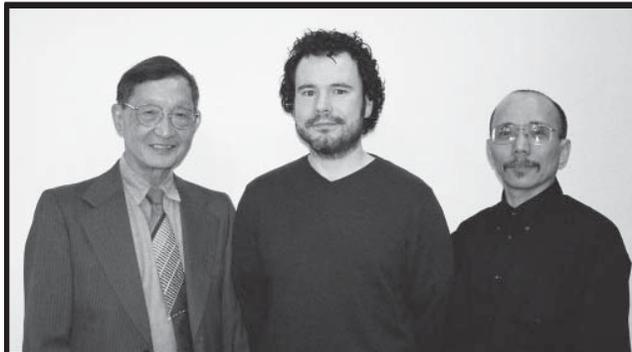
A cash award of \$500 is provided to the Baker and Robinson award recipients. For the Nishida award, a \$500 prize is awarded as partial reimbursement for expenses incurred for registration and/or travel to a meeting. Each recipient's name is added to a plaque permanently displayed outside the Division office.

These awards are supported by permanent endowments established in the UI Foundation by Drs. Baker, Nishida and Robinson and former students and friends.



**David H. Baker
Nutrition Scholar Award**

John Erdman, Jr. (advisor)
Jessica Campbell and
David Baker



**Toshiro Nishida
Research Award**

Toshiro Nishida,
Chad Stroud and
Manabu Nakamura (advisor)



**James L. Robinson
Nutrition Impact Award**

John Erdman, Jr. (advisor)
Kirstie Canene-Adams
and James Robinson

The External Advisory Committee (EAC) is comprised of leaders in industry and academia. This committee assists the Division in our quest to continually improve the quality of our program. The 2006-2007 committee members are shown below. This year we welcomed Brian Larson, Gregory Miller and Hugh Tucker to the Committee. We would like to acknowledge the contributions of Pamela Anderson and Barbara Kochanowski who completed their terms on the Committee this year. Thank you!

Dr. Pamela A. Anderson, Current Term 2001-2007.

Director, Regulatory Innovation, Ross Products Division, Abbott Laboratories, Columbus, OH.

Dr. Richard M. Black, Current Term 2005-2008.

Vice President, Global Nutrition/Chief Nutrition Officer, Kraft Foods Global, Inc., Glenview, IL.

Dr. Robert A. Burns, Current Term 2003-2009.

Global Director of Nutrition, Cadbury Schweppes Science & Tech. Ctr., Whippany, NJ.

Dr. Eric T. Gugger, Current Term 2005-2008.

Technology Manager, Nutrition Science, General Mills, Minneapolis, MN.

Dr. Barbara A. Kochanowski, Current Term 2001-2007.

Director, Research & Development, Personal Health Care, Procter & Gamble Co., Mason, OH.

Dr. Brian T. Larson, Current Term 2006-2009.

Nutrition Research Scientist, Nestle Research Center, St. Louis, MO.

Dr. Gilbert A. Leveille, *Ad Hoc*

Senior Consultant, Scientific & Regulatory Affairs, Cargill, Inc.
Executive Director, Wrigley Science Institute, Denville, NJ.

Dr. Luis A. Mejia, Current Term 2002-2008.

Director, Regulatory and Scientific Affairs, Archer Daniels Midland Company, Decatur, IL.

Dr. Gregory D. Miller, Current Term 2006-2009.

Executive Vice President for Science and Innovation, National Dairy Council, Rosemont, IL.

Dr. Greg L. Paul, Current Term 2005-2008.

Global Director, Nutrition Strategy, The Solae Company, St. Louis, MO.

Dr. Susan M. Potter, Current Term 2002-2008.

Vice President, Health and Nutrition Sciences, Tate and Lyle, Decatur, IL.

Dr. Roger A. Sunde, Current Term 2005-2008.

Professor and Chair, Dept. of Nutritional Sciences, University of Wisconsin, Madison, WI.

Dr. Hugh N. Tucker, Current Term 2006-2009.

Vice President, Global Regulatory and Scientific Affairs, Bristol-Myers Squibb, Mead Johnson & Co., Evansville, IN.



G. Miller, E. Lien, P. Anderson, R. Sunde, H. Tucker, R. Black, B. Kochanowski, B. Larson, E. Gugger, G. Leveille, L. Mejia (not pictured: R. Burns, G. Paul, S. Potter)

A reception for EAC members, faculty, students and administrators was held at Dr. Donovan's home on September 6, 2006.



Faculty members Jeff Woods, Ellen Evans, Bryan White and Associate Dean, College of AHS, Bo Fernhall



Students Nikki Ford, Meredith Barnes, Laura Wardwell and Denise Walker



Committee members Brian Larson, Barbara Kochanowski and Pamela Anderson, and Faculty members Jan Novakofski, Karen Chapman-Novakofski, Bryan White



Students Min Jung Park, Hyun-Young Koo, Chad Stroud



Students Min Jung Park, Sofia Torres, Committee member Greg Miller, Students Andrea Cachia, Brooke Schantz, Fatima Zapata



Committee members Hugh Tucker, Eric Gugger, Brian Larson



Faculty member B. (Simon) Cho and Committee member Gilbert Leveille

The faculty and students thank the Committee members for their valuable contributions to our program.

Spring 2006

Rose Ann Mathai, M.S. candidate, B.S. 2001 in Health & Sport Studies (Dietetics), minor in Management, Miami University, Oxford, OH; Dietetic Internship 2002, Medical College of Virginia, Richmond, VA. **Advised by Sharon Donovan.**

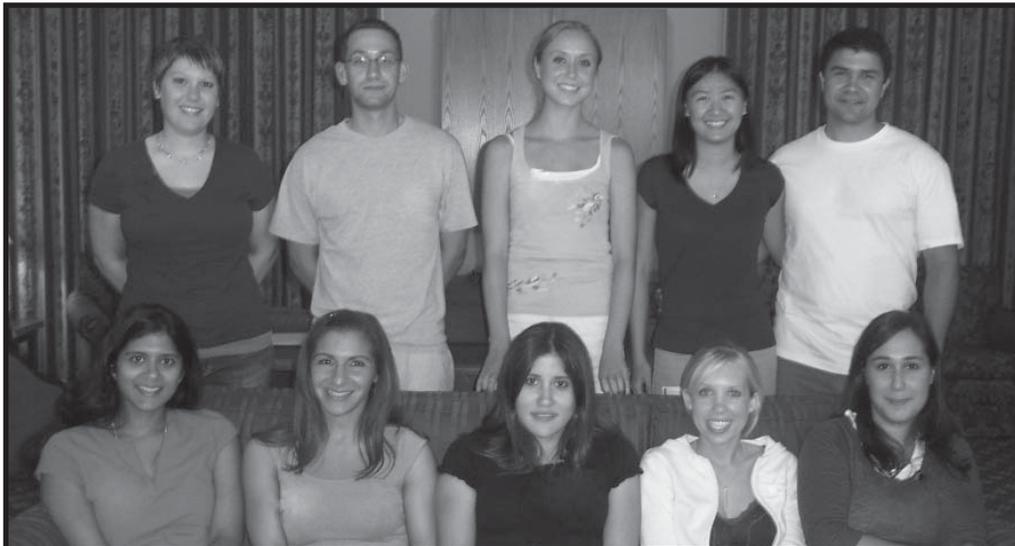
Summer 2006

Ryan Grant, Ph.D. candidate, B.S. 2005 in Biological Sciences, University of California, Davis. **Advised by Jeff Woods.**

Ann Liu, Ph.D. candidate, B.S. 2005 in Biological Sciences, University of California, Davis. **Advised by John Erdman, Jr.**

Matthew Thorpe, M.D./Ph.D. candidate, B.S. 2006 in Marriage, Family and Human Development (Nutritional Science), Brigham Young University, Provo, UT. **Advised by Ellen Evans and John Erdman, Jr.**

Fatima Zapata, M.S. candidate, B.S. 2006 in Chemistry, University of Texas-Pan American, Edinburg. **Advised by Greg Freund.**



Back row: Barbara Suever, Andrew Deutsch, Summer Porter, Ann Liu, Ryan Grant

Front row: Rose Ann Mathai, Andrea Cachia, Fatima Zapata, Brooke Schantz, Rita Strakovsky

Fall 2006

Andrea Cachia, M.S. candidate, B.S. 2004 in Kinesiology/Exercise Physiology, UIUC. **Advised by Ken Wilund.**

Andrew Deutsch, M.S. candidate, B.S. 2006 in Molecular and Cellular Biology, UIUC. **Advised by Kelly Tappenden.**

Naiman Khan, M.S. candidate, B.S. 2006 in Nutritional Sciences, Louisiana State University and Agricultural and Mechanical College, Baton Rouge, LA. **Advised by Karen Chapman-Novakofski.**

Shamlee Kulkarni, M.S. candidate, B.S. 2006 in Pharmacy, University of Pune, India. **Advised by Adrienne Perlman.**

Daina Mallard, M.S. candidate, B.S. 2005 in Kinesiology, UIUC. **Advised by Ellen Evans.**

Fall 2006 Continued

Christopher Moulton, Ph.D. candidate, B.S. 2003 in Biochemistry, University of Notre Dame, Indiana; M.S. 2006 in Exercise Physiology, Baylor University, Waco, TX. *Advised by Donald Layman.*

Jonathan Mun, M.S. candidate, B.S. 2006 in Plant Sciences, Rutgers University, New Brunswick, NJ. *Advised by Mary Ann Lila.*

Summer Porter, M.S. candidate, B.S. 2006 in FSHN (Dietetics), UIUC. *Advised by Karen Chapman-Novakofski.*

Brooke Schantz, M.S. candidate, B.S. 2006 in Dietetics, Purdue University, West Lafayette, IN. *Advised by Sharon Donovan.*

Rita Strakovsky, M.S. candidate, B.S. 2005 in Molecular and Cellular Biology, UIUC. *Advised by Yuan-Xiang Pan.*

Barbara Suever, Ph.D. candidate, B.S. 1998 in Dietetics, Fontbonne College, St. Louis, MO; M.S. 2006 in Biology, UIUC. *Advised by Kelly Tappenden.*

Sofia Torres, M.S. candidate, B.S. 2006 in FSHN (Food Science), UIUC. *Advised by Elvira de Mejia.*

Sonja Volker, Ph.D. candidate, B.S. and M.S. 2002 in Biological Health Sciences, Maastricht University, The Netherlands. *Advised by Elizabeth Jeffery.*

Laura Wardwell, M.S. candidate, B.S. 2006 in FSHN (Human Nutrition), UIUC. *Advised by Michael Jakoby, IV and Karen Chapman-Novakofski.*



Back row: Jonathan Mun, Naiman Khan, Christopher Moulton, Matthew Thorpe

Front row: Laura Wardwell, Shamlee Kulkarni, Daina Mallard, Sofia Torres, Sonja Volker

August 2005

Lilly Sueiro, M.S. Current Position: Territory Business Manager, Mead Johnson Nutritionals, Worldwide Pharmaceuticals and Clairol, Bristol-Myers Squibb, San Juan, Puerto Rico. *Advised by Mary Ann Lila.*

October 2005

Cheryl Dikeman, Ph.D. Current Position: Nutritionist, Henry Doorly Zoo, Omaha, NE. *Advised by George Fahey, Jr.*

Karen Ochonicky, M.S. Current Position: D.V.M. candidate, College of Veterinary Medicine, UIUC. *Advised by Sharon Donovan and Mark Kuhlenschmidt.*

Susan Zaripheh, Ph.D. Current Position: Nutrition Research Manager, Dairy Management, Inc., Rosemont, IL. *Advised by John Erdman, Jr.*

December 2005

Marija Gajic, M.S. Current Position: Seeking employment in Toronto, Ontario, Canada. *Advised by John Erdman, Jr.*

Alejandra Gratson, Ph.D. Current Position: Formulation Scientist, Fortitech, Inc., Schenectady, NY. *Advised by Tim Garrow.*

Marlene Guillon, M.S. Current Position: Research Assistant II, Pharmaceuticals Division, Roche, Palo Alto, CA. *Advised by Lee Beverly.*

May 2006

Nancy Correa-Matos, Ph.D. Current Position: Assistant Professor, Dept. of Public Health, University of North Florida, Jacksonville, FL. *Advised by Kelly Tappenden and Sharon Donovan.*

Yan Gao, M.S. *Advised by Greg Freund.*

Alice Hsu, M.S. Current Position: Clinical Research Associate, Quintiles Transnational Corp., Taipei, Taiwan. *Advised by Keith Kelley.*

Xiangfeng Zhang, Ph.D. Current Position: Postdoctoral Researcher, Dept. of Animal Sciences, Ohio State University, Wooster, OH. *Advised by Jan Novakofski.*



Cheryl Dikeman and
Susan Zaripheh



Lilly Sueiro



Nancy Correa-Matos,
Advisor Sharon Donovan
and Karen Ochonicky

2006 Officers

Chair.....Christina Sherry	Co-Chair.....Barbara Yudell
Treasurer.....Denise Walker	Co-Treasurer.....Nancy Engelmann
Secretary.....Emily Tomayko	Webmaster.....Meredith Barnes
Executive Committee Representative..Tristan Kraft	Photographer.....Brooke Schantz

2005-2006 MARGIN OF EXCELLENCE AWARDS

Travel Awards

The objective of the travel award program is to encourage students to present their research at national and international professional meetings by helping to defray the costs of travel to these meetings.

Fall 2005

Jessica Alwerdt
 Meredith Barnes
 Amanda Bergschneider-Newell
 Jessica Campbell
 Kirstie Canene-Adams
 Dolores Doane
 SaeByeol Jang
 Keng-I Lin
 Brian Lindshield
 Denise Walker
 Barbara Yudell

Spring 2006

Pascasie Adedze
 Nancy Engelmann
 Kristin Harris
 Mina Mojtahedi
 Kristy Powell
 Kristin Reifsteck
 Adam Reppert
 Katrina Sprengelmeyer
 Chad Stroud

2006 Research Awards

The research award helps to support research conducted by the students and provides valuable experience preparing research proposals. The primary selection criterion is the quality of the proposed research.

Pascasie Adedze
 Jessica Campbell
 Yewon Cheon
 Nancy Engelmann
 Nikki Ford
 Jennifer King
 Hyun-Young Koo
 Tristan Kraft

Brian Lindshield
 Tara Rogers
 Christina Sherry
 Chad Stroud
 Emily Tomayko
 Victoria Vieira
 Barbara Yudell

2005-2006 FELLOWSHIP RECIPIENTS

JBT Fellowship
(College of ACES)

Nancy Engelmann
 Brian Lindshield
 Tory Parker
 Adam Reppert
 Emily Tomayko
 Barbara Yudell

**USDA National Needs
Predoctoral Fellowship**

Meredith Barnes
 Susan Evans
 Layne Norton
 Chad Stroud

NIH Fellowship

Predoctoral
 Jennifer Croix
 Christopher Guest
 Rose Ann Mathai
 Victoria Vieira

Postdoctoral
 Jessica Buchanan
 Jason O'Connor

CONACYT Scholarship
(Mexican Government)

Marcela Cortes
 Gerardo Nava

University Fellowship

Tara Rogers
 Jennifer Woodard

Fulbright Scholarship

Mina Mojtahedi

Gamma Sigma Delta Graduate Fellows Recognition

Back Row: Sharon Donovan, Michelle Wander (President Gamma Sigma Delta),
 Wayne Banwart (Interim Associate Dean, College of ACES), Barbara Yudell,
 Emily Tomayko, Nancy Engelmann, Jennifer Croix

Front Row: Victoria Vieira, Marcela Cortes, Meredith Barnes, Christopher Guest, Gerardo Nava

Attention Alumni: If you have internship opportunities available at your company, please let the Division office (nutrsci@uiuc.edu) know so that we can inform our graduate students.

Pascasie Adedze received a Society for Nutrition Education Research Award for her work presented at the SNE meeting in San Francisco, CA in July 2006.



Meredith Barnes received a Thomas Buetow Memorial Fund Award from the College of Medicine and won 3rd place in the College of Medicine Research Symposium Poster Competition. Meredith ran the Mayor's Midnight Sun Marathon in Anchorage, Alaska and raised more than \$4,000 as part of the Leukemia & Lymphoma Society's Team in Training.

Amanda Bergschneider-Newell won first place in the Withycombe-Charalambous Graduate Student Research Competition from the American Chemical Society in Atlanta, GA in March 2006. She also received the College of ACES 2006 Graduate Student Research Award – M.S. The award recognizes demonstrated excellence in research activities in the College of ACES. Amanda presented an oral presentation at the American Chemical Society Graduate Student Symposium in Atlanta, GA and a poster presentation at the 2006 Experimental Biology meeting in San Francisco, CA. She defended her master's thesis in April 2006 and is currently a Dietetic Intern at the Order of St. Francis Medical Center, Peoria, IL.



Amanda and advisor Dr. Elvira de Mejia at the ACES Funk Awards banquet.

Jessica Campbell defended her doctoral dissertation, entitled "Tomato phytochemicals and prostate cancer risk", in June 2006. Her current position is Nutrition Scientist R&D II, General Mills, Bell Institute of Health and Nutrition JFB, Golden Valley, MN.

Kirstie Canene-Adams serves as the ASN Diet and Cancer RIS Student Representative. She received the ASN Dietary Bioactives RIS Student Poster Competition Award at EB 2006. Kirstie volunteered to teach a 6th grade Nutrition class at St. Malachi School in Rantoul, IL in January 2006.

Yewon Cheon and husband, Bjo Myongeeun Lee, welcomed their baby girl, Jane Lee, on February 25, 2006; she weighed 9 lb 10 oz. Yewon completed an internship at Mead Johnson Nutritionals, Evansville, IN, July - September 2006.

Dolores Doane serves as the NSGSA co-treasurer (2004-2006) and is a student member of ASN and APS. She passed her Qualifying Examination in January 2006. Dolores completed a summer internship with Susan Potter at Tate and Lyle, Decatur, IL.

Susan Evans completed a dietetic internship (June-December 2005) at UIUC and defended her master's thesis in June 2006. She received a summer assistantship by UIUC Extension to develop a nutrition education website.

Kristin (Reifsteck) Faust is a member of the American Dietetic Association and a trainee member of the American Gastroenterological Association. She served as a Facilitator for FSHN 429 and a teaching assistant for FSHN 322, 329 and 340. She presented a poster at the 2006 Digestive Disease Week. Kristin married Scott Faust on November 5, 2005.



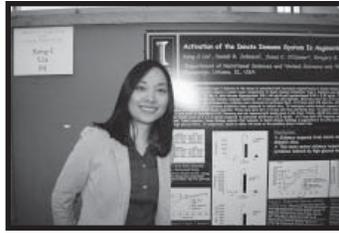
Jessica Hartke defended her doctoral dissertation, entitled "Intestinal growth and gene expression of piglets suckling sows transgenic for human insulin-like growth factor-I", in June 2006.

Jennifer King has completed two pilot studies in preparation for her M.S. thesis project. She and Dr. Erdman are working on a publication entitled "Lycopene, but not beta-carotene, appears to be metabolized in BC-15,15'-monooxygenase (CMOI) knockout mice".

Tristan Kraft is a member and co-founder of the Complementary and Alternative Medicine Society begun in Fall 2006. He has the following publication: Thole JM, **Kraft TFB**, Sueiro LA, Kang Y-H, Gills JJ, Cuendet M, Pezzuto JM, Seigler DS, Lila MA. A comparative evaluation of the anticancer properties of European and American elderberry fruits. *J Medicinal Food* 2006; 9:498-504. Tristan earned a 1st degree black belt (Tae Kwon Do) in November 2005 and ran the Spirit of St. Louis Marathon in April 2006.

Ren-Hau Lai received a Toxicology Fellowship (2006-2008).

Keng-I Lin received a Graduate College Conference Travel Award to attend the Experimental Biology meeting held April 1-5, 2006 in San Francisco, CA where she presented "Activation of the innate immune system is augmented in type 1 diabetic mice". She plans to submit her first journal article to *Brain, Behavior and Immunity*.



Brian Lindshield, along with Drs. Erdman and Keck, completed a Tomato and Cancer Prevention Module for continuing education credits for dietitians. He coauthored (with advisor John Erdman) the Carotenoid Chapter for the 9th Edition of Present Knowledge in Nutrition textbook. He presented posters at the 2006 Experimental Biology Meeting in April and the American Institute for Cancer Research meeting in July.

Rose Ann Mathai joined the Division in January 2006 working in Sharon Donovan's laboratory. After completing her dietetic internship in Richmond, VA, she worked as a pediatric dietitian at the Children's Hospital of Philadelphia for 3 years.

Mina Mojtahedi was named Student Athlete of the Year 2006 and was selected to receive a 2006-2007 Avery Brundage Scholarship, which is awarded to University of Illinois students "who are both gifted students and exceptional athletes, for their combined physical and mental development". She also received a George Huff Award from the UIUC Alumni Association. She presented the following: "Older black women differ in calcium intake source compared to age- and socioeconomic status-matched white women", Food and Nutrition Conference and Exhibition, St. Louis, MO; and "Fat free mass affects relative body fat more than fat mass in athletes with SCI", ACSM, Denver, CO. Mina's publications include: Snook EM, **Mojtahedi MC**, Evans EM, McAuley E, Motl RW. Physical activity and body composition among ambulatory individuals with multiple sclerosis. *Int J MS Care* 2005/2006; 7:137-142; **Mojtahedi MC**, Plawecki KL, Chapman-Novakofski KM, McAuley E, Evans EM. Older black women differ in calcium intake source compared to age- and socioeconomic status-matched white women. *J Am Diet Assoc* 2006; 106:1102-1107; and Evans EM, **Mojtahedi MC**, Kessinger RB, Misic MM. Simulated change in body fatness affects Hologic QDR 4500A whole body and central DXA bone measures. *J Clin Densitom* 2006; 9:315-322.

Mina is a member of the Illinois Women's Wheelchair Basketball team. In April, she participated in the Ultimate Basketball Competition, which



paired both the men's and women's basketball and wheelchair basketball teams in one wheelchair game that provided fun for both participants and spectators. Joining her in the picture are Men's Basketball player, Brian Randle, and friends Kerri Mullen (right) and Jami Barenthin (left).

Noriko Nakamura is a member of Gamma Sigma Delta – Agriculture Honor Society.

Tory Parker was a teaching assistant for the 2005 fall and 2006 spring semesters and was a Visiting Lecturer for FSHN 120 in summer 2006. His M.S. thesis from Brigham Young University has been submitted for publication. Tory and his wife Andrea welcomed their son, Judson, on September 7, 2005.

Karen Plawecki is Immediate Past President of the Illinois Dietetic Association and a Finance Committee member. She gave the following presentations: "Clueing in on calcium", Leading the Way to Osteoporosis Prevention Program, Society of Nutrition Education annual meeting, Orlando, FL; "Older black women differ in calcium intake source compared to age- and socioeconomic status-matched white women", Food and Nutrition Conference and Exhibition, St. Louis, MO. She had the following publications: Heinrichs KL, Evans EM, **Plawecki KL**, Chapman-Novakofski KM. Patterns of calcium intake and sources in elite female collegiate athletes. *J Am Diet Assoc* 2005; 105:S20; Mojtahedi MC, **Plawecki KL**, Chapman-Novakofski KM, McAuley E, Evans EM. Older black women differ in calcium intake source compared to age- and socioeconomic status-matched white women. *J Am Diet Assoc* 2006; 106:1102-1107.

Adam Reppert received a NIH travel award to attend Purdue University-University of Alabama Botanical Center for Age Related Diseases Training Session, "Botanical standardization of medicinal plants" at Rutgers, October 2005 (Continued on next page).

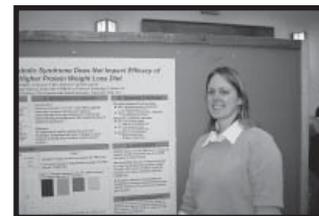
Adam was accepted into the UIUC Dietetic Internship program beginning fall 2006. Adam presented an interactive poster, "Elicitation of *Pueraria lobata* (kudzu) cell and root cultures for radiolabeling of isoflavones", at the Society for In Vitro Biology 2006 Meeting in Minneapolis, MN. He had the following publication: Prasain JK, **Reppert A**, Jones K, Moore DR, Barnes S, Lila MA. Identification of isoflavone glycosides in *Pueraria lobata* cultures by tandem mass spectrometry. *Phytochem Anal* 2007; 18:50-59.

Tara Rogers continues to enjoy running! She had a personal best time at the Chicago Marathon last October. She and her dad ran the Walt Disney World Half Marathon in January and the 500 Festival Mini-Marathon in Indianapolis in May.

Katrina Sprengelmeyer received a Society for Nutrition Education Foundation scholarship to attend the SNE meeting to present her research poster in San Francisco, CA in July 2006. She also received an American Dietetic Association scholarship to support her internship at the Edward Hines, Jr. VA Hospital, Hines, IL.

Victoria Vieira presented posters at the 2006 Experimental Biology meeting in San Francisco, CA, entitled "Fitness and parasympathetic tone associated with lower CRP in older adults" and the ACSM Conference on Integrative Physiology of Exercise in Indianapolis, IN, entitled "Central adiposity is a stronger predictor of CRP than aerobic fitness in healthy older adults". She received a 2006 American College of Sports Medicine student research grant and had the following review article published: Woods JA, **Vieira VJ**, Keylock KT. Exercise, inflammation and innate immunity. *Neurologic Clinics* 2006; 24:585-599.

Denise Walker passed her Qualifying Examination in January 2006. She is a member of Gamma Sigma Delta – Agriculture Honor Society and Phi Kappa Phi – National Honor Society. Denise has published 2 abstracts and 1 manuscript: Layman DK, **Walker DA**. Potential importance of leucine in treatment of obesity and the metabolic syndrome. *J Nutr* 2006; 136:319S-323S.



NUTRITIONAL SCIENCES FACULTY AWARD

On October 11, 2006 the Nutritional Sciences Graduate Student Association presented **Dr. Kelly Tappenden** with the 2006 Faculty Award. Faculty members are nominated by students based on the degree of involvement in student affairs and the Division. Dr. Tappenden would like to extend a sincere "thank you" to the Nutritional Sciences Graduate Student Association for being selected to receive the 2006 NSGSA Faculty Award. "This recognition means a great deal to me because working with each of you is one of the most rewarding aspects of my position at UIUC. Thank you for the opportunity to impact your graduate training experience."

**"For extraordinary contribution,
support and encouragement of
Nutritional Sciences Graduate Students"**



Kelly Tappenden

About the Nutritional Sciences Symposium

Each year the NSGSA organizes a symposium for students to present their research that includes a keynote lecturer and student competition for both poster and oral presentations. The symposium provides a valuable opportunity for students to present their research to peers and faculty prior to presentations at national meetings. Presentations are judged by faculty and the symposium speaker and winners of the poster and oral competitions receive travel awards. This year's keynote speaker was **Dr. William H. Dietz**, M.D., Ph.D., Director of the Division of Nutrition and Physical Activity, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, Atlanta, GA, who presented "The Obesity Epidemic: Threats and Opportunities".



ORAL PRESENTATIONS

"Both lycopene and beta-carotene metabolism are altered in BC-15, 15'-monooxygenase (CMOI) knock-out mice" **Jennifer King (Advisor: John Erdman, Jr.)**

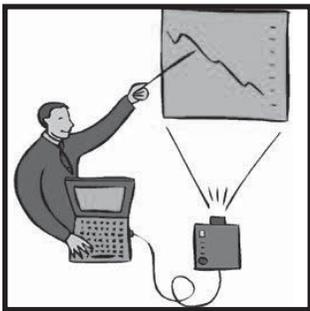
"Impact of fructan consumption on intestinal ion and nutrient transport in Salmonella-infected weanling dogs" **Kristy Powell (Advisor: Kelly Tappenden)**

"LPS-dependent upregulation of TNF-alpha is p38 dependent in diabetes" **Christina Sherry (Advisor: Greg Freund)**

"Impact of community-based diabetes education programs" **Katrina Sprengelmeyer (Advisor: Karen Chapman-Novakofski)**

"Fitness and parasympathetic tone associated with lower CRP in older adults" **Victoria Vieira (Advisor: Jeff Woods)**

"Increased adiposity by a low fat diet with marginal protein deficiency" **Barbara Yudell (Advisor: Manabu Nakamura)**



POSTER PRESENTATIONS

"Effects of fractionation on proanthocyanidin structural integrity and bioactivity" **Jessica Alwerdt, at right (Advisor: Mary Ann Lila)**

"Hypoglycemia affects the activation state of glycogen synthase kinase-3beta in the rat hypothalamus" **Meredith Barnes, below (Advisor: Lee Beverly)**

"Effects of short term phytofluene, lycopene, or tomato powder consumption on tissue carotenoids and serum androgens in intact and castrated Fisher 344 rats" **Jessica Campbell (Advisor: John Erdman, Jr.)**

"Effects of diets containing lycopene, tomato, and/or broccoli upon tumor growth and biomarkers in the Dunning R3327-H prostate adenocarcinoma model" **Kirstie Canene-Adams (Advisor: John Erdman, Jr.)**



“Hypothalamic neuropeptide patterns in rats fed high protein diets” **Dolores Doane**, at right (Advisor: **Lee Beverly**)



“Innovative *in vitro* plant methodologies for biosynthesis and isolation of tomato carotenoids” **Nancy Engelmann**, at left (Advisor: **John Erdman, Jr.**)

“The modest addition of prebiotics to an elemental liquid diet alleviates the intestinal compromise associated with weaning syndrome in piglets” **Kristin (Reifsteck) Faust** (Advisor: **Kelly Tappenden**)

“Amplified macropinocytosis of cholesteryl ester by macrophages from diabetic mice is dependent on PI3-Kinase and stimulates the secretion of TNF-alpha” **Christopher Guest**, at right (Advisor: **Greg Freund**)



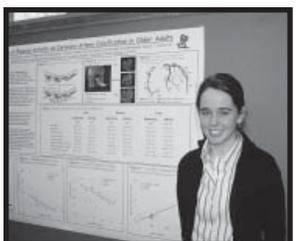
“Sulforaphane and erucin increase the expression of multidrug resistance protein 1 in A549 human lung carcinoma cells” **Kristin Harris**, at left (Advisor: **Elizabeth Jeffery**)

“Activation of the innate immune system is augmented in type 1 diabetic mice” **Keng-I Lin** (Advisor: **Greg Freund**)

“Lycopene treatment reduces proliferation of mouse embryonic fibroblasts via a connexin 43-dependent, but gap junction communication-independent pathway” **Brian Lindshield**, at right (Advisor: **John Erdman, Jr.**)



“Host-microbe interactions: addressing genetic and environmental interactions utilizing cloned pigs” **E. Rochelle** (Advisor: **Larry Schook**)



“The effects of physical activity on coronary artery calcification in older adults” **Emily Tomayko**, at left (Advisor: **Ken Wilund**)

“Colonic gene expression profiles of young adult and geriatric dogs fed different diets” **B. Vester** (Advisor: **Kelly Swanson**)

“Risk for metabolic syndrome does not impact efficacy of higher protein weight loss diet” **Denise Walker** (Advisor: **Don Layman**)

Congratulations to the following winners:

- Posters: 1st Place: Kirstie Canene-Adams, Kristin Harris, Emily Tomayko
2nd Place: Jessica Alwerdt, Meredith Barnes, Dolores Doane
- Oral: 1st Place: Victoria Vieira
2nd Place: Jennifer King

Each of three judging teams selects a 1st and 2nd place winner.

FALL PICNIC

Graduate students, faculty and their families enjoyed a picnic in Hessel Park on August 31, 2006 to welcome new graduate students to kick off a new academic year.



Andrea Cachia, Emily Tomayko, Tristan Kraft



Barbara Yudell, Sarah Esgro, Christina Sherry, Katie McCrea, Summer Porter



Brooke Schantz, Brian Lindshield, Jonathan Mun



Marcela Araya Roldan



Jenna Cramer, Manuel Roqueta, Ren-Hau Lai



John Erdman, Sharon Donovan



Peter Lu, Jennifer King



Greg Freund



Meredith Barnes



Fatima Zapata, Christina Sherry



Jeff Woods and wife Amy



Nikki Ford



WINNING TEAM

Team Erdman

Naiman Khan, Matthew Thorpe,
Dolores Doane, Suzanne Devkota
and Dr. John Erdman, Jr.



Team Donovan

Chad Stroud, Jonathan Mun,
Nancy Engelmann, Dr. Sharon
Donovan and Layne Norton



Team Murphy

Fatima Zapata, Brian Lindshield,
Dr. Michael Murphy, Pascasie
Adedze and Emily Tomayko



Team Wilund

Jennifer King, SaeByeol Jang,
Dr. Ken Wilund, Tory Parker and
Rose Ann Mathai



**Master of Ceremonies
and Quiz Bowl Judges**

Dr. Matthew Wallig (MC) and Judge Dr. Kelly
Tappenden (not pictured: Dr. Susan Brewer)



HAPPY HOLIDAYS FROM THE NSGSA

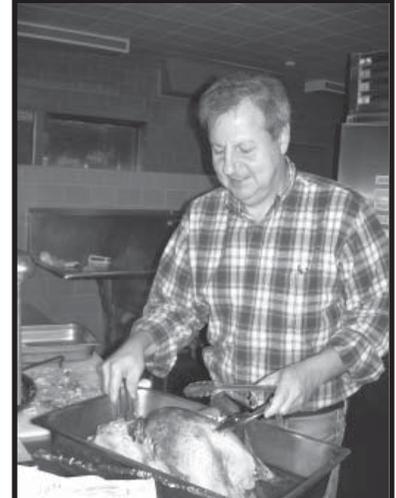
Each year, NSGSA selects an organization from the Champaign area to assist during the holiday season. This year, they elected to do a toy drive for the "Crisis Nursery".



Crisis Nursery Donations



Door prize winners: Marcela Cortes, Katie and Madeline Nadrozny, Min Jung Park, Kristin Harris



Bill Helferich carving the turkey



Rose Ann and Shiren Mathai



Nancy Engelmann, Daina Mallard



Victoria, Ian and Don Wallace, Sharon Donovan



On left: Madeline Nadrozny, Kelly Tappenden, Elizabeth Jeffery
On right: Katie and Trevor Nadrozny



Ryan Grant, Chad Stroud, Ann Liu



On left: Emily Tomayko, Meredith Barnes
On right: Dee Walker, Michael Lasker

December 2005

Kristen Harrison, Ph.D.

Associate Professor
Department of Speech Communication
College of Liberal Arts and Sciences (LAS)

Research Interests: *Mass media effects on children's nutritional knowledge and reasoning; content of media food advertising and portrayals; media exposure effects on young people's eating habits, including disordered eating and body image.*

Dr. Harrison's research stretches the Division's notion of "community" to its broadest definition, culture. Her research explores the content of mass media portrayals of human bodies, food and eating and investigates the effects of exposure to such content on food-related, body- and eating-related behaviors and emotions among children, adolescents and young adults. Since the average child views more than 20 hours of television per week, the media component of community is far from trivial. Dr. Harrison is interested in understanding how media messages influence eating behavior through their effects on self-relevant emotions. Her work has linked exposure to media body ideals to eating disorders like anorexia and bulimia. She also is interested in the role of media in informing (and misinforming) young children about principles of nutrition. Children are exposed to a fair amount of general-audience (i.e., adult-oriented) food advertising, much of which touts the weight-loss benefits of food products. Her work suggests that marketing claims may confuse children by equating weight-loss benefits with nutritional benefits. Her interests include the role of beloved children's media personalities in the development of their food preferences; assessing the roles of parents and schools in moderating the influence of media exposure on children's food-related behaviors; and monitoring the nutritional content of foods marketed during the television programs children watch most.



May 2006

Michael G. Jakoby, IV, M.D., M.A.

Clinical Assistant Professor
Department of Internal Medicine
Academic Section Head, Division of Endocrinology
College of Medicine

Research Interests: *Clinical diabetes management.*

Diabetes is a leading cause of morbidity and mortality in both the ambulatory and hospital settings. My research investigates methods for applying contemporary treatment interventions to improve glycemic control in both settings. Recently, our group performed a prospective, case-controlled trial to evaluate a subcutaneous insulin protocol for general medicine patients and demonstrated both improved blood glucose control and shorter hospital length of stay for protocol patients. A long-term study of the glycemic, clinical and monetary impacts of a multidisciplinary (endocrinologist, diabetes educator, dietitian) hospital diabetes team will begin this summer. Compiling the control patient database will permit a retrospective study of the impact of planned mealtime and basal insulin on patient outcomes. My group is also collaborating with the Carle Clinic Association Diabetes Coordinated Care Team to study the impact of an electronic diabetes management protocol on patient treatment and glycemic control in the Carle primary care clinics.



May 2006

Juan J. Loor, Ph.D.

Assistant Professor
Department of Animal Sciences
College of Agricultural, Consumer and Environmental
Sciences (ACES)

Research Interests: *Ruminant nutrition; mammary gland development; lipid metabolism; conjugated linoleic acids (CLA); obesity; nutritional and physiological genomics; comparative genomics; liver patophysiology; regulation of milk fat and protein synthesis; nutritional regulation of muscle development.*

My research program focuses on the study of how nutrition, physiological state and their interaction affect tissue genomic and metabolic adaptations. Our main research models are cattle and swine but we also perform studies with mice and animal cells (e.g., bovine mammary epithelial cells). A primary research aim in my laboratory is to study genomic adaptations in tissues in response to dietary fatty acids (e.g., CLA) and amino acids. We use oligonucleotide microarrays and real-time RT-PCR for gene expression analysis, and compliment those measurements with blood metabolic profiles to develop integrative models of tissue and whole-animal function. We also are implementing gene-silencing technology (e.g., siRNA and morpholinos) to study gene function in tissues. Through the use of these techniques we intend to identify genes that might be associated with diseases such as mastitis (inflammation of the mammary gland), fatty liver and ketosis, and obesity. We also will attempt to determine nutrient-regulated genes in specific tissues, which might lead to the first application(s) of genotype-based diets not only in farm animals but potentially in humans.



May 2006

Paul E. McNamara, Ph.D.

Assistant Professor
Department of Agricultural & Consumer Economics
College of ACES

Research Interests: *Economic evaluation of nutrition policies and programs; food security; economics of food safety; rural health; and health economics and consumer economics.*

Dr. McNamara is a health and consumer economist and his research addresses policy-relevant questions facing consumers and society. His research concentrates on health-related themes and seeks to inform public debates and discussions surrounding nutrition and food policy issues. His food safety research applies a general social welfare analysis concerning the gains



to pork producers and the potential costs and health risks to consumers from the use of antibiotics in feeds at low levels of concentration (sub-therapeutic use) and to examine food safety issues in the pork system. The analysis raises the possibility that, in addition to bans or restrictions on sub-therapeutic use in pork production, information-based strategies (such as education or certification for producers and veterinarians) and incentive-based strategies (including targeted permits and taxes) also might lead to overall social welfare gains. The farm-to-fork simulation model has yielded estimates of the risks posed by pork-borne salmonellosis and has been applied to the evaluation of measures aimed at reducing food safety risks in pork. He has co-investigated the impact of participation in the Food Stamp Program and the WIC program on the likelihood of a person's adherence to the dietary guidelines as expressed in the Food Guide Pyramid. Findings indicated that there were small positive impacts on dietary quality, particularly for the WIC program.

David Baker is a member of the Organizing Committee for the International Council of Amino Acid Science. He was named the third annual winner of the FASS-AFIA New Frontiers in Animal Nutrition Award. The award, jointly sponsored by the Federation of Animal Science Societies (FASS) and the American Feed Industry Association (AFIA), was designed to stimulate, acknowledge and reward pioneering research relevant to the nutrition of animals. Dr. Baker is shown at the NAS Induction Ceremony (April 22, 2006) signing the National Academy of Sciences Official Membership book.



Karen Chapman-Novakofski was elected to a 3-year term on the University Senates Conference by the University Senate. The Senates Conference is a statutory body providing the major link between the faculties of the Chicago, Urbana-Champaign and Springfield campuses. In addition, the Senates Conference acts as an advisory group to the Board of Trustees, the President and to other administrative officers. She was named a 2006 Global Scholar by the College of Agricultural, Consumer and Environmental Sciences, UIUC. She received two awards from the American Dietetic Association: the 2006 Diabetes Care and Education Publications Award for her article "Improvement in knowledge, social cognitive theory variables, and movement through stages of change after a community-based diabetes education program" and the 2006 Distinguished Service Award from the Gerontological Nutritionists Practice Group of the American Dietetic Association. This award recognizes an individual who has demonstrated leadership and service as a member of the Gerontological Nutritionists Practice Group and who has worked toward the promotion of dietitians involved in gerontological nutrition. Karen received both awards at the American Dietetic Association's Food and Nutrition Conference and Expo in Honolulu, Hawaii in September. Karen celebrated her tenth wedding anniversary with husband Jan Novakofski; daughter Liz graduated with a 5.0 grade point average from Central High School and was admitted to the College of Engineering at UIUC in Aerospace Engineering; son Scot also is doing well at Central and is a sophomore. With both children on swim teams, Karen and Jan have started swimming laps as well!



Sharon Donovan continued to be active in the leadership of ASNS during its consolidation to ASN by serving as Secretary of the Transition Executive Board for 2005-2006 and on the search committee for the new Executive Officer of ASN. She also served on the selection committees for the ASN Peter J. Reeds Young Investigator Award and the newly established ASN Excellence in Teaching Award. She became a member of the Steering Committee for the Energy and Macronutrient RIS, 2005-2007. She served on a NIDDK Special Emphasis Panel reviewing applications for Obesity Nutrition Research Centers in November 2005.



Sharon Donovan and lab group at the ACES Funk Awards banquet.

She co-edited with Allan Walker the proceedings of the symposium recognizing the 25th anniversary of the Bristol-Myers Squibb Freedom to Discover Nutrition Program and the 100th anniversary of Mead Johnson. The symposium was published in November 2006 as a supplement to the *Journal of Pediatrics*. She also was the recipient of the 2006 Senior Faculty Award for Excellence in Research from the College of ACES, UIUC.

Robert Easter was among four experts appointed by President George W. Bush to serve as a member of the Board for International Food and Agricultural Development. The primary role of the board is to advise the U.S. Agency for International Development on agricultural development priorities and issues.

Nicki Engeseth was a member of the SoyFACE Global Change Research Team, which received the College of ACES Team Award for Excellence.

John Erdman, Jr. is Chair of the Committee on Military Nutrition Research, Institute of Medicine, National Academy of Sciences, which published two books in 2006, entitled "Nutrient Composition of Rations for Short-Term, High-Intensity Combat Operations" and "Mineral Requirements for Military Personnel". He also became a correspondent to the Sight and Life Newsletter.

George Fahey, Jr. serves on the editorial boards of the *Journal of Nutrition*, *British Journal of Nutrition*, *Journal of Animal Physiology and Animal Nutrition* and the *Archives of Animal Nutrition*. He serves on the Nutrition Advisory Board of International Ingredients Corp., St. Louis, MO and the Scientific Advisory Board of the National Corn-to-Ethanol Research Center, Edwardsville, IL. In addition, he serves on the selection committee for the Companion Animal Biology Award in the American Society of Animal Science. He was the recipient of the 2006 Spitze Land-Grant Professional Career Excellence Award from the College of ACES, UIUC. This award is presented to encourage and recognize the professional career of tenured faculty in their performance and commitment to teaching and advising, research and publications, extension and public service, faculty governance, and participating in professional associations. He also was the first recipient of the Kraft Foods Endowed Professorship through the Division of Nutritional Sciences (see page 5 for additional information).



George Fahey, Jr. and lab group at the ACES Funk Awards banquet.

Tim Garrow serves on the *Journal of Nutrition* editorial board. This is his 5th consecutive year. The University has filed a U.S. Provisional Patent Application, entitled "Compositions and methods for inhibiting betaine-homocysteine methyltransferase (BHMT)". The inventors are Tim Garrow and his collaborator, Dr. Jiracek. The patent application is based on the premise that inhibition of BHMT *in vivo* might be useful in the treatment of methionine-dependent tumor growth and/or in the control of diuresis.

Kristen Harrison was the Vice Chair, Instructional & Developmental Division, International Communication Association, 2005-2006 and Chair, Mass Communication Division, National Communication Association, 2005-2006. She joined the editorial boards of *Body Image: An International Journal of Research, Communication Research and Media Psychology* in 2005. She received the Alumni Discretionary Award for Exceptional Service, College of Liberal Arts and Sciences, UIUC in 2005. She was promoted to Associate Professor with tenure in Speech Communication and DNS in 2006. Her daughter, Fialka Kacvinsky, was born February 21, 2006. Her daughter, like Kristen, is suspicious of the foods being marketed to children these days.



Barbara Klein received the Chicago Section IFT Achievement Award in May 2006 for her preeminence in the field of food science and nutrition, her commitment to professional service and her active role in student and faculty development. She was lead principal investigator of the Illinois Council on Food and Agricultural Research (C-FAR) Sentinel Program that established the Illinois Center for Soy Foods. She currently is the co-director of the Center and is the lead investigator for the ISOY Program (Soy in the School Lunch Program).

Schuyler Korban received the Faculty Award for Global Impact from the College of ACES, UIUC. This award recognizes international achievements and demonstrated excellence related to global engagement. Dr. Korban also was awarded a Guggenheim Fellowship in the 82nd annual John Simon Guggenheim Memorial Foundation's U.S. and Canadian competition for his project entitled "Studies of plant-based vaccines". Fellows are appointed on the basis of distinguished achievement in the past and exceptional promise for future accomplishments.

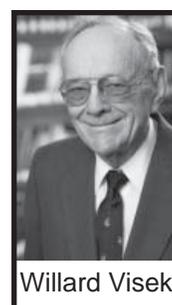
Mary Ann Lila serves as Awards Chair for the Society for In Vitro Biology. She is the university lead investigator in the Global Institute for BioExploration (GIBEX), a joint venture with two major U.S. universities (UIUC and Rutgers) and institutions in eleven developing countries. GIBEX conducts innovative, ethical bio-exploration research that promotes human health, economic development, capacity building and sustainable exploration, protection and utilization of the world's biodiversity resources. She serves on the Editorial Board for the *Journal of Plant Physiology*; the Scientific Advisory Board for Naked Juice, Azusa, CA; and a Scientific Advisory Panel, International Workshop on Anthocyanins, Rotorua, NZ.

Manabu Nakamura was promoted to Associate Professor with tenure in August. He also serves on the Steering Committee for the Energy and Macronutrient Metabolism Research Interest Section of the American Society for Nutrition from 2006-2008.



Ralph Nelson

Ralph Nelson and **Willard Visek** were recipients of the 2006 College of Medicine Special Recognition Award to honor individuals who have provided outstanding contributions or service to the college.



Willard Visek

Keith Singletary was listed on the 2005 Fall Incomplete List of Teachers Ranked as Excellent for FSHN/NUTR 510 Topics in Nutrition Research, "Diet and Cancer".

Kelly Swanson was named to the Editorial Board for the *Journal of Animal Feed Science and Technology*; elected Treasurer of the Experimental Animal Nutrition RIS Group of ASN; and invited to serve on the Masterfoods USA Advisory Board. He was the 2006 North Dakota State University Alumni Horizon Award recipient.

Kelly Tappenden served as the Director of Research, Board of Directors for the American Society for Parenteral and Enteral Nutrition (ASPEN), 2003-2006, and President, Board of Directors for the ASPEN Rhoads Research Foundation, 2004-2006. She also served on the National Research Service Award Postdoctoral Fellowship Review Panel, NIDDK/NIH. She was listed on the 2005 Fall Incomplete List of Teachers Ranked as Excellent for FSHN/NUTR 420 Nutritional Aspects of Disease. In August 2006, she began a 50% appointment as Associate Dean of the Graduate College at UIUC. Her responsibilities focus on the academic side of graduate programs: oversight for the Graduate College Executive Committee, the Program Subcommittee of the Executive Committee and the Masters of Bioinformatics Steering Committee; and exploring interdisciplinary graduate education and professional master's degree programs. She maintains a 50% research appointment within FSHN.

SHARON DONOVAN RECEIVES ASN KRETCHMER MEMORIAL AWARD

Sharon Donovan received the 2006 Norman A. Kretchmer Memorial Award in Nutrition and Development given by the American Society for Nutrition at the Experimental Biology meeting in San Francisco, CA. This award recognizes independent research with relevance to improving child health, specifically for her contributions to our understanding of the regulation of intestinal development by growth factors and nutrients. At right: Stephanie Atkinson, President, ASN, Sharon Donovan and Russell Merritt, Ross Laboratories.



JOHN ERDMAN DELIVERS USDA ATWATER LECTURE



John Erdman delivered the 2006 W.O. Atwater Lecture sponsored by the USDA Agricultural Research Service on April 4, 2006 at the Experimental Biology meeting in San Francisco, CA. The lecture, co-sponsored by the American Society for Nutrition (ASN), was established to recognize scientists who have made unique contributions toward improving the diet and nutrition of people around the world. Atwater, considered the father of modern nutrition research and education, was the U.S. Department of Agriculture's first chief of nutrition investigations. His work set the tone for the nutrition research that ARS continues today. At left, John Erdman, Jr. and his lab group at the lecture.

Karen Chapman-Novakofski: AmVets for continued diabetes education research as well as funding internally through Extension for diabetes education targeting Hispanic audiences. She also received funding for formative evaluation of a new Foods for Health curriculum with Co-PI Neil Knobloch and from Gatorade for a project with **Ellen Evans**, investigating bone health and nutritional adequacy for adolescent athletes and non-athletes and from the National Dairy Council for a symposium at Experimental Biology 2007.

Sharon Donovan: Wyeth Nutritionals, the Illinois Soybean Operating Board, the Solae Company and the USDA. In addition, she continues to serve as PI on the three Division training grants and the BMS Freedom to Discover grant.

John Erdman, Jr.: Masterfoods USA to carry out a clinical trial with CocoaVia, focused upon reduction of blood lipids and blood pressure. He also is a co-investigator on an 8-year NIH grant with **William O'Brien, Jr.**, entitled "Ultrasound-induced tissue damage assessment".

George Fahey, Jr.: DOE, ADM and Quality Technologies, Inc.; the USDA and Green Earth Industries; Tate & Lyle; Matsutani Chemical Co., Osaka, Japan; Wyeth; Zinpro Corporation; and Lesaffre Yeast Corp.

Kristen Harrison: Campus Board Research Grant, entitled "The video game imagery and effects project". She is moving ahead with grant proposals involving collaborations with UIUC faculty on the topic of mass media and children's understanding of nutrition.

Mary Ann Lila: National Institutes of Health; International Council (matching funds from the Office of Research and College of ACES); USDA Tribal College Research Grant Program; and Wild Blueberry Association of North America. She is conducting cooperative research with Visiting Scholar, Dr. Rida Shibli (former Dean of Agriculture, Jordan University of Science and Technology [JUST]), only here for 2005-2006 and funded by JUST, ACES and International Programs; Kraft Foods on cell culture production systems for flavonoids, including proanthocyanidins; and interactions with Alaska native-serving institutions towards elucidation of bioactive properties in wild berry population on tribal lands.

Kelly Swanson: Natura Manufacturing, Inc. and Nestle Purina Petcare.

Kelly Tappenden: NPS Pharmaceuticals, Inc. and Nestle Nutritionals.

FACULTY INVITED TALKS 2005-2006

David Baker presented the following: "Comparative species utilization and toxicity of sulfur amino acids", International Council of Amino Acid Science, Los Angeles, CA; "Serendipity in practice: advances in the nutrition of animals and humans", Center for Advanced Study Chancellor's Distinguished Lecture, UIUC; "Serendipity in research: it works", Keynote speaker at Ohio State University Nutrition Graduate Student Forum, Columbus, OH; and "Genetic approaches to nutritional improvements in cereal grains and oilseeds", Cargill Nutrition Forum, Minneapolis, MN.

Karen Chapman-Novakofski gave an invited talk, entitled "The zest for life! Nutrition for the elderly" at the American Dietetic Association annual meeting in Hawaii. She also was the organizer and moderator for the Osteoporosis Education Symposia, Society for Nutrition Education in Orlando.

Sharon Donovan gave the following presentations: "Soy in the diets of infants and children", C-FAR Semi-Annual Meeting, Springfield, IL; "Therapies to ameliorate TPN-induced abnormalities in intestinal structure and digestive and immune function", Translational Biomedical Research Seminar Series, College of Veterinary Medicine, UIUC; "Soy infant formula and neonatal intestinal development", The Solae Company, St. Louis, MO; "The effects of soy in Cuban children participating in the government feeding program", Soy Nutrition Institute, St. Louis, MO; and "Soy formula components: effects on neonatal intestinal development and prevention of rotavirus infection", Arkansas Children's Nutrition Center, Little Rock.

George Fahey, Jr. gave the following invited talks: "The dietary reference intakes for dietary fiber" at the Chicago Section of the IFT meeting; "National Research Council feeding guidelines for dogs and cats" at the II Congress of the Latin American Animal Nutrition College, Sao Paulo, Brazil; "Nutrition and coat quality/skin health of dogs and cats" at the 22nd Alltech Symposium, Lexington, KY; "Dietary fibers and novel carbohydrates as modulators of gut bacteria, animal health, and growth" and "Prebiotics and probiotics as alternatives to antibiotic growth promoters in livestock" at the International Scientific Association for Probiotics and Prebiotics, University of Ulster, Coleraine, Northern Ireland; and "Carbohydrates and health" and "Dietary fibers, whole grains and health" at the IFT-CTEC program, Orlando, FL.

Tim Garrow gave the following lectures: "Betaine-homocysteine S-methyltransferase: using intrinsic tryptophan fluorescence and mutagenesis to probe structure and function", Instituto Politecnico Nacional, Escuela Nacional de Ciencias Biologicas, Departamento de Granduados e Investigacion en Alimentos, Mexico City, Mexico; and "*In vivo* inhibition of betaine-homocysteine S-methyltransferase causes hyperhomocysteinemia", FASEB Summer Conference on Folic Acid, Vitamin B₁₂ and One-Carbon Metabolism.

Kristen Harrison was an invited panelist, Expert Panel Meeting to Address Children, Television Viewing, and Weight Status at the Centers for Disease Control, Atlanta, GA.

Mary Ann Lila presented: "US Plant Program", 2nd Symposium of the International Cooperative Biodiversity Groups on Building New Pharmaceutical Capabilities in Central Asia, East Brunswick, NJ; "The roles of the wild blue in metabolic syndrome", Bar Harbor, ME; "The nature vs. nurture argument applied to plant antioxidants", ACS National Meeting, Washington, D.C.; "How to harass a berry & why" and "Influence of wild berry components on type II diabetes & obesity", USDA Tribal Colleges Symposium on Phytochemicals and Berries, Bismarck, ND; "Interactions between polyphenols that benefit human health", TIES USAID Mexico in Querétaro and Aguascalientes, México; GIBEX ABIT, "The Global Institute for BioExploration - focus on Africa", which included four presentations in Lagos (Nigeria), Yauonde (Cameroon), Kumasi (Ghana) and Dakar (Senegal); "Health-protecting interactions between anthocyanins and other natural flavonoids", IWA06, Rotorua, New Zealand; MUCIA USAID Seminar: Biotechnology Task Force, "Global Institute for BioExploration", Assuit, Egypt; "From berries to beans: health-protective attributes of pigmented food crops", IX Congreso Latinamericano de Botanica, Santa Domingo, Dominican Republic; "The Plant Associate Program progress and updates", Third Annual NIH/NSF/USDA Central Asia ICBG Conference, Lake Issyk Kul, Kyrgyzstan; and "Berries, beans, and beyond", International Symposium on Longevity, Melbourne, Australia.

Kelly Swanson presented the following: "Nutritional genomics", Waltham International Nutritional Sciences Symposium, Washington, D.C.; "Genomics and aging: studying old dogs with new tricks", 2005 Nestle Purina Nutrition Forum, St. Louis, MO; "Career options in nutritional sciences: academia", Career Symposium sponsored by the Student Interest Group of the American Society for Nutrition at Experimental Biology 2006, San Francisco, CA; "Using genomic biology to study brain aging and cognitive function", Alltech's 22nd Annual Feed Industry Symposium, Lexington, KY; "Applying nutrigenomics to companion animals", Beghin-Meiji's Pet & Equine Meeting: Scientific Innovations in Companion Animal Nutrition, Paris, France; and "Nutritional effects on gene expression in canine tissues", ADSA-ASAS 2006 Joint Annual Meeting, Minneapolis, MN.

Kelly Tappenden presented: "Beneficial bacteria? Implications for a healthy diet", DSM Nutritional Products, Inc., Parsippany, NJ; "Getting acculturated to cultures: a review of probiotics in clinical and preventative therapy", Food and Nutrition Conference and Exposition (American Dietetic Association), St. Louis, MO; "Bowel function in hypotension & hypoxia", guest faculty in Continuing Medical Education Course, "Enhancing the Safety of Parenteral & Enteral Nutrition--Redefining Hospital Nutrition in Modern Medicine", Harvard Medical School, Cambridge, MA; "Feeding on vasopressors and during gut hypoperfusion: can it be done?", Society for Critical Care Medicine Clinical Congress, San Francisco, CA; "Enteral support of the compromised gut in the critical care setting (S30)" and "Prebiotics, probiotics and the microbiota", Clinical Nutrition Week '06, Dallas, TX; "Gut maturation and immunology", Advances in Pediatric Nutrition Conference, Baltimore, MD; and "Butyrate: it's not just about the colon", Texas A&M University, College Station, TX.

The Division of Nutritional Sciences at the University of Illinois was formally established in 1968. We invited several alumni from the graduating class of 1969/70 to submit a short paragraph describing their experiences as a graduate student in the early years of the program, as well as their career (first position after receiving degree to current position/retirement). We would like to thank each of them for contributing to this year's newsletter.

G. Harvey Anderson – attended the University of Illinois from September 1966 – October 1969. His Ph.D. research was conducted under the supervision of Dr. Harold Draper, who was instrumental in creating the Ph.D. in Nutritional Sciences. At that time, he was a member of the Division of Nutritional Biochemistry in the Department of Animal Sciences. The subject of his thesis was “The Effect of the Ca:P Ratio in the Diet on Bones of Rats”. He looks back fondly on those years that provided him with an excellent supervisor, many long-lasting friendships and a fantastic learning opportunity. In 1970, he went to MIT for a Postdoctoral Fellowship with Dr. George Wolf and then later that year, he accepted a faculty position at the University of Toronto. Dr. Anderson currently is a Professor and Director of the Program in Food Safety, Nutrition and Regulatory Affairs, Department of Nutritional Sciences, University of Toronto, Ontario, Canada. (harvey.anderson@utoronto.ca)



James G. Bergan – received his Ph.D. in Nutritional Sciences in 1970. He has published over 150 refereed papers, mostly in the area of human nutrition and dietary adaptation to migration. After finishing his Ph.D. in 1970 under the direction of Professor Harold Draper, he did a year post-doc at the University of Rhode Island. In 1971, he became a faculty member and then Foundation Chair of the Department of Food Science and Technology, Nutrition and Dietetics in 1976. In 1981, he left URI for Australia where he worked at Hawkesbury Agricultural College near Sydney. In 1989, several colleges combined to form the University of Western Sydney and Jim became active in university governance, eventually becoming the Head of the School of Science, Food and Horticulture for the last five years of his academic career. He retired in 2005 and now resides in North Richmond, Australia on 24 acres in the foothills of the Blue Mountains. (berganj@yahoo.com.au) (Picture not available)

Ching Kuang (C.K.) Chow – received his Ph.D. in Nutritional Sciences in 1969. Since 1976, he has been a faculty member of the University of Kentucky, Lexington and currently is a Professor of the Graduate Center for Nutritional Sciences. He has served as a member of the editorial boards of several journals, including the *Journal of Nutrition* and *Journal of Toxicology*. His research interest, free radical-induced oxidative stress and antioxidant defense, is a logical extension of his dissertation work relating to vitamin E at UIUC under Dr. Harold Draper. Dr. Chow was among the first to define the term “oxidative stress” and advance the role of dietary nutrients in cellular antioxidant defense. At this time, he is considering whether to update the three-volume book entitled “Cellular Antioxidant Defense Mechanisms” he edited (CRC Press, 1988). He also edited the 3rd edition of the book volume “Fatty Acids in Foods and their Health Implications”, which is scheduled to be published by Taylor & Francis Books in late 2006 or early 2007. He enjoys traveling and plays some tennis. His 3 children and 2 of their spouses are alumni of UIUC. (ckchow@uky.edu)



Robert E. Landers – entered the University of Illinois to study nutritional enzyme/protein biochemistry and relationships of dietary fats to chronic diseases. After completing his formal courses and foreign language requirements in the Food Science Department's Burnside's Lab, he moved to the Nutritional Biochemistry Unit in the Department of Animal Sciences to conduct a thesis project on enzyme metabolic control under Dr. Gilbert A. Leveille. He completed his Ph.D. degree in Nutritional Sciences in 1970. After graduating, he worked in food chemistry positions for 6 years where he continued to learn and be challenged. Dr. Landers' study and research at UIUC more than met his goals and prepared him well for the challenges of directing the Nutrition and Toxicology Program at a major food company. He continues to appreciate the effort and time that his professors, college and university staff provided him for his education and training. He retired in 1997 and resides in Westfield, NJ. One of his hobbies is searching for family history and he has managed to draft four direct-line-ancestor charts back 8-12 generations. (Picture not available)

Philip G. Reeves – received his Ph.D. degree in Nutritional Sciences in 1970. He has had a distinguished career in nutrition research with over 100 publications, particularly in the area of trace element metabolism involving zinc, copper, iron and cadmium. He was the leader in the development of the AIN-93G and AIN-93M rodent diet, which are now used around the world in basic research with the rodent as a model system. Dr. Reeves currently is a Research Chemist at the USDA, ARS, Grand Forks Human Nutrition Research Center, North Dakota. (preeves@gfhnrc.ars.usda.gov)



1975

Nalini Vilas Ph.D. is retired and resides in Lombard, IL.

1976

Florian Cerklewski Ph.D. is an Associate Professor, Department of Nutrition and Exercise Sciences at Oregon State University, Corvallis. (cerklewf@oregonstate.edu)

Guy Johnson Ph.D. is a member of an IFT task force dedicated to increasing the interaction between food science and nutrition. One of the goals is to increase the consideration given to the capabilities and constraints of food science for the development of public policy. He was named an Outstanding Member of the IFT Nutrition Division for 2006. (guy@nutritionolutions.net)

1978

Patricia Weston Ph.D. is retired and resides in Champaign, IL. (p-weston@uiuc.edu)

1981

Yukio Doi Ph.D. is the Director of the Educational Affairs Division, Department of Food and Nutrition at Kyoto Women's University in Higashiyama, Kyoto, Japan. (doi@kyoto-wu.ac.jp)

1982

Lisa Marshall Ph.D. is a Compound Development Team Leader, Early Development Work, Johnson & Johnson Pharmaceutical Research and Development, LLC, Spring House, PA. She has worked in Pharmaceutical Discovery and Development for 20 years. She concentrates on drugs targeted on immune-mediated inflammatory diseases such as rheumatoid arthritis and asthma. (lmasha8@PRDUS.JNJ.com)

Debbie (Stastny) Wright M.S. is a Proposal Manager, Eclipsys Corp., Marietta, GA. She is a member of the Association of Proposal Management Professionals (APMP). (debstastny@hotmail.com)

1984

Michael Keenan Ph.D. is an Associate Professor, Division of Human Nutrition and Food, Louisiana State University, Baton Rouge. He became a molecular biologist and uses microarrays and real-time PCR techniques. He is an adjunct faculty member at the Pennington Biomedical Research Center. Michael also survived non-Hodgkins lymphoma and chemotherapy. (mkeen@agctr.lsu.edu)

1989

Denise King Ph.D. accepted a position with Medtronic, Inc. in April 2006 as a Senior Clinical Trial Leader in Cardiac Rhythm and Disease Management. She is excited about her new responsibilities and learning opportunities. Denise and her family reside in Maple Grove, MN. (Denise.L.King@medtronic.com)

1990

Samuel Ejadi M.S. is a Medical Oncologist, Department of Medicine at the Sloan-Kettering Cancer Center in New York. (sejadi@aim.com)

1991

Jana (Bryant) Horner M.S. completed a fellowship in breast imaging radiology in June 2006 at the University of Texas M.D. Anderson Cancer Center in Houston and is a Radiologist, Breast Imaging at Litton and Giddings Radiological Associates in Springfield, MO. (janaborner@hotmail.com)

Matthew Kuchan Ph.D. is a Manager of Product Palatability, Product Development Department, Hill's Pet Nutrition, Inc., Topeka, KS. His son, Jake, is 16 and there are 6 girls after him (~ every 2 years), with the baby being 2 years old. Matt says that he and Sandy are as young as the day they left!! (matt_kuchan@hillspet.com)

Karen (Dotson) Wisont M.S. is a self-employed Medical Writer in Langley, WA. (kdwisont@whidbey.net)

1993

George Bark M.D./Ph.D. is a Family Physician at Provena Covenant Medical Center, Urbana, IL. His hobbies include hunting, fishing and competition barbeque. He has taken the grand champion title at the Illinois State Barbeque Championships and has competed in the American Royal Invitational in Kansas City, which is considered by some to be the Super Bowl of barbeque.

Yolanda Goode M.S. is a 4H Youth Development Agent, Gadsden County, University of Florida/Institute of Food and Agricultural Sciences (UF/IFAS) Extension, Quincy, FL and President, Florida Association of Extension Agents. She is a member of Epsilon Sigma Phi, The Cooperative Extension Professionals' Organization. She was an Achievement in Service Award winner and a Distinguished Service Award winner from the National Association of Extension 4H Agents. She purchased her first home this year. (goode007@hotmail.com)

1993

Lois Steinberg Ph.D. is Director of the Yoga Institute of Champaign-Urbana. She is a committee member for certification of teachers of the Iyengar Yoga National Association of the United States. Lois is a co-investigator on 2 National Institutes of Health/Complementary and Alternative Medicine (NIH/CAM) grants: one is with the University of Pennsylvania to study Iyengar yoga and high blood pressure and the other is with the University of West Virginia to study Iyengar yoga and chronic low back pain. (lsteinbe@uiuc.edu)

1994

Minnie Holmes-McNary Ph.D. is an Associate Professor, Department of Biology at the North Carolina Agricultural and Technical State University, Greensboro. She is a reviewer for the *Journal of Biochemical Sciences*, *Journal of Cancer Research*, *Journal of Public Health* and *Journal of Experimental Medicine*. Minnie received the "Faculty Scholar in Cancer Research Award" at the 97th National AACR Conference and the "TGF-beta in Cancer and Other Diseases Faculty Award" at the AACR Special Conference. She also served as the Ronald McNair Symposium Judge at NCAT State University. In November 2005, she was selected as the Ambassador for the Department of Biology to attend the Health Disparities Conference in Ghana, West Africa. Minnie and her husband, Fred, celebrated their 29th wedding anniversary in August. Her daughter, Qiana, was selected to sing at "SongFest" at Pepperdine University in California and with the Symphony Chamber Orchestra at her university, Ohio Wesleyan University. (mhmcnary@ncat.edu)

1995

Maoxin Wu Ph.D. is an Associate Professor, Department of Pathology, Mount Sinai Medical Center at the Mount Sinai School of Medicine in New York, NY. Her eighteen-year-old daughter attends Columbia University in New York and her three-year-old son keeps her young! (maoxin.wu@msnyuhealth.org)

1996

Kavita Patel M.S. is a full-time mom in Spartanburg, SC. (kpp93prp@charter.net)

1997

Qiang (Quentin) Liu M.D./Ph.D. is a Professor at the Cancer Institute of Zhongshan University in China. (liuquentin@gmail.com)

1999

Eric Park Ph.D. is a Research Assistant Professor, Department of Nutrition at the University of North Carolina, Chapel Hill. (eric_park@unc.edu)

2000

Carolyn (Huntington) Buff M.S. is a Research Chemist at the University of Missouri Research Reactor in Columbia. (BuffC@missouri.edu)

Deshanie (Ganessunker) Rai Ph.D. is a Principal Research Scientist, Global Infant Research and Development at Mead Johnson Nutritionals in Evansville, IN. She was the recipient of the Mead Johnson/Bristol-Myers Squibb 2005 President's Award. (deshanie.rai@bms.com)

2001

Mary Dean Coleman-Kelly M.S. started a new position as Assistant Professor, Department of Family and Consumer Sciences at Appalachian State University in Boone, NC. She received the Emerging Young Dietitian Award from the Virginia Dietetics Association and the Graduate Student Research Award from the Research Dietetic Practice Group of the American Dietetic Association. She was married to James Kelly in August. (colemanmd@appstate.edu)

Denise Deming Ph.D. started a new position as Principal Scientist in Nutrition at Gerber Products Co. in Parsippany, NJ in May. She traveled to Poland to make a presentation at the 16th Workshop of the European Childhood Obesity Group. (denise.deming@gerber.com)

Matthew Gardner M.S. is an Orthopedic Surgery Resident at the Wichita Center for Graduate Medical Education in Wichita, KS. He received his M.D. degree in 2005. (matteoga3@hotmail.com)

Norm Millian Ph.D. is a Resident in Family Medicine at the Southern Illinois University Center for Family Medicine in Springfield, IL. (zoggdoc@yahoo.com)

Carl Sather M.S. is a Medicine/Pediatrics Resident at the Indiana University School of Medicine in Indianapolis. (csather@iupui.edu)

Sandra Teixeira Ph.D. is a Research Investigator II, Diabetes and Metabolism, *in vivo* Pharmacology at Novartis Institutes for BioMedical Research, Inc. in Cambridge, MA. (sandra.teixeira@novartis.com)

2002

Clint Allred Ph.D. started a new position as an Assistant Professor, Department of Nutrition and Food Science at Texas A&M University in College Station, TX. (callred@ag.tamu.edu)

Sara Painter M.S. is a Dietitian, Division of Clinical Quality at the Crusader Clinic in Rockford, IL. She is a member of the Northern Illinois Diabetes Coalition, local dietetics association, local diabetes educators association and an advisor for a food pantry. She added Adam Lee Painter to her family in April 2006 and big sister, Megan, tries to be a second mommy to him. (spainter@crusaderclinic.org)

Keri (Kles) Poi Ph.D. has been a Scientific Communications Associate at Eli Lilly Co. in Indianapolis, IN for over 2 years. (keribug75@yahoo.com)

Harn Shiue M.S. is a Pharmacy Student (PharmD), College of Pharmacy at the University of Illinois in Chicago. He is a member of the American College of Clinical Pharmacy (ACCP), the American Pharmacists Association (APhA) and the Illinois Council of Health-System Pharmacists (ICHSP). Harn received the I. B. Crystal Memorial Award for the highest GPA of P2 students and is a member of Rho Chi (Pharmacy Honor Society). (shiue76@gmail.com)

2003

Cassandra Delgado-Reyes Ph.D. is a Faculty Specialist, Texas Interdisciplinary Plan (College of Liberal Arts and College of Natural Sciences) at the University of Texas in Austin. (chemicass@rocketmail.com)

Jennifer Seyler M.S. is a Senior Associate, Brand Marketing at Burson-Marsteller in Chicago. (Jennifer_Seyler@chi.bm.com)

Chris Wharton M.S. is a Postdoctoral Research Associate at the Rudd Center for Food Policy and Obesity, Yale University in New Haven, CT. He received his Ph.D. from Arizona State University in 2006. He is a contributing editor for the *American Journal of Health Promotion* and an *ad hoc* reviewer for the *Journal of Nutrition Education and Behavior*. (christopher.wharton@yale.edu)

2004

Brian Berg Ph.D. is a Senior Research Scientist, Nutrition Department at Wyeth Pharmaceuticals in Collegeville, PA where he is studying the effects of various nutrients on neurological development with the goal of including such nutrients in infant formula. His first daughter, Kaitlyn Julia Berg was born in February 2006. (bergb@wyeth.com)

E. Lauren Petr M.S. is a Dietitian for a children's obesity center at HealthTime, LLC in Nashville, TN. (elpetr77@yahoo.com)

Kenya Thomas M.S. is a Visiting Extension Unit Educator, Science and Technology, Cooperative Extension at the University of Illinois in Westchester, IL and a Dietetic Technician, Dialysis Unit at Loyola University Medical Center in Maywood, IL. (krthoma1@illinoisalumni.org)

2005

Cheryl Dikeman Ph.D. is a Nutritionist, Henry Doorly Zoo in Omaha, NE. She is developing Henry Doorly Zoo's first nutrition laboratory dedicated to carnivore and comparative nutrition, with an emphasis on fiber analyses and nutrient digestibility of over 900 species. (cheryld@omahazoo.com)

Marija Gajic M.S. visited Serbia and has returned to Canada, where she is looking for work. (makigajic@gmail.com)

Marlene Guillon M.S. started a new position as a Research Assistant II, Pharmaceuticals Division, Roche, Palo Alto, CA. (marlene_guillon@hotmail.com)

2006

Nancy Correa-Matos Ph.D. is an Assistant Professor in Nutrition, Department of Public Health at the University of North Florida in Jacksonville. She is a member of the American Dietetic Association (ADA), the Florida Dietetic Association, the Jacksonville Dietetic Association and the Puerto Rico Dietetic Association. She received a Florida Dietetic Association Medical Nutrition Therapy Grant and a Board of Trustees University of North Florida Research Grant. She was named as an Excellent Professor by the Student Association in 2006. (njcorreamatos@yahoo.com)

Xiangfeng Zhang Ph.D. is a Postdoctoral Researcher, Department of Animal Sciences at Ohio State University in Wooster. (zhang.578@osu.edu)

THANK YOU!

The faculty and students of the Division would like to recognize **Ed Ulman (Ph.D. 1980)**, the Department of Nutrition, UIC, and the Department of Animal Sciences, UIUC for their generous contributions in support of the Nutritional Sciences Mixer at EB 2006. Thank you!



Lee Alekel, Ph.D. 1993, Eric Lien, Strategic Plan Committee Member and Eric Gugger, Ph.D. 1995 FSHN



Clint Allred, Ph.D. 2002 and Director Sharon Donovan



Guy Johnson, Ph.D. 1976, Faculty Member Manabu Nakamura, Kirstie Canene-Adams, Ph.D. candidate, Jessica Campbell, Ph.D. 2006 and Barbara Schmidt, Ph.D. 2005 NRES



Denise Walker, Ph.D. candidate, Jamie Baum, Ph.D. 2004, Barbara Yudell and Meredith Barnes, Ph.D. candidates



Edward Ulman, Ph.D. 1980 and Faculty Member Manabu Nakamura



Christina Sherry, Ph.D. candidate and Faculty Member James Drackley



Anne Kurilich, Ph.D. 2001, Susan Zaripheh, Ph.D. 2005 and Kristin Harris, Ph.D. candidate



Kristy Powell, M.S. candidate, Heather Mangian, FSHN, Eric Gugger and Radha Bheemreddy, FSHN alums



Faculty Member Lee Beverly, Director Sharon Donovan and Jeffrey Escobar, Ph.D. 2003 Animal Sciences



Faculty Members Ellen Evans and Donald Layman



Eric Lien, Strategic Plan Committee Member and Faculty Member Kelly Swanson



Department of Animal Sciences
Amy Kelly, Ryan Dilger, Dr. Lisa Karr-Lilienthal, Carolyn Apanavicius and Brittany Vester



Nikki Ford and Jennifer King, M.S. candidates, Brian Lindshield, Ph.D. candidate and Nancy Engelmann, M.S. candidate

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