



NUTRITIONAL SCIENCES NEWS

DIVISION OF NUTRITIONAL SCIENCES •

COLLEGE OF AGRICULTURAL, CONSUMER AND ENVIRONMENTAL SCIENCES

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Vol 21, Fall 2008

NOTE FROM THE DIRECTOR

It is always a pleasure to share the accomplishments of the Nutritional Sciences faculty, graduate students and alumni. 2008 was another great year for the Division. First of all, the Division celebrated its 40th anniversary as an IBHE-approved graduate program on December 2, 2008! In addition, our faculty, students and alumni garnered a truly impressive list of awards, fellowships and recognitions and we received a 5-year competitive renewal of our NIH Training Grant on "Inflammation and Nutritional Dysfunction" (2008-2013) and a new 5-year USDA National Needs Fellowship on the topic of "Obesity Prevention from Cell to Community" to train 3 predoctoral fellows.



Nine students received their M.S. and Ph.D. degrees and began exciting careers in academia, industry and clinical dietetics. We recruited 13 exceptional new students from 12 different undergraduate institutions, who are mentored by 10 different faculty members. In addition, three faculty members joined the Division. The ability of the Division to draw together so many exceptional students and faculty members to focus on interdisciplinary solutions to today's health and nutrition challenges is truly amazing.

This year I will be completing my 10th year as Director of the Division of Nutritional Sciences and I will be stepping down in August 2009. The past decade has been extremely fulfilling for me, both personally and professionally. I am immensely proud of what we have achieved and I thank you for all of your support and hard work as we built the Division into one of the top nutrition graduate programs in the world.

In addition, Linda Barenthin will retire from the University in August 2009. Linda has been the heart and soul of the Division for 24 years and she will be sorely missed!! To provide our alumni with the opportunity to wish Linda the best, I have invited her to join us in New Orleans at the University of Illinois reception. If you will be at EB, please join us for the celebration! Although change can be disconcerting, we have the opportunity to creatively envision the most effective leadership structure for the Division. With that in mind, we have begun the search process for the new Director (25% appointment), a full time PhD-level academic professional to assist the Director and a secretary. I am confident that we will recruit a new Director with passion and vision who will take the Division to its next level.

In closing, I encourage you to reach out and support the Division through a gift during the University of Illinois' Brilliant Futures campaign. Your support is particularly needed now as state support for the University of Illinois continues to decline. Your contribution is needed if future students are to have opportunities to pursue graduate training and professional development. Please see page 3 for descriptions of the current endowments within the Division. If you or your employer is interested in making a gift, please contact Kim Meenen kmeenene@illinois.edu in ACES Advancement.

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

Note from the Director

Table of Contents

Page 2 Division Web Site
Page 2 2009 Experimental Biology Reception Date

Nutritional Sciences Endowment

Page 3 Nutritional Sciences Endowment Fund
Page 4 William Rose Endowed Award
Page 4 Kraft Foods Scholar and Fellow

Page 5 2008 Baker, Nishida and Robinson Awards

External Advisory Committee

Page 6 2008-2009 Committee Members
Page 7 Reception

Graduate Students

Page 8 New Students (January - August 2008)
Page 9 Graduates (August 2007 - May 2008)
Page 10 NSGSA Officers
Page 10 Margin of Excellence Travel/Research Program
Page 11 2007-2008 Fellowship Recipients
Page 12 Awards and Achievements
Page 14 NSGSA Faculty Award

Student, Faculty & Alumni Social Events

Page 14 2008 Experimental Biology Reception

Student and Faculty Professional and Social Events

Page 17 Nutrition Symposium - April 2008
Page 19 Bake-Off - July 2008
Page 19 Fall Picnic - September 2008
Page 20 Quiz Bowl - October 2008
Page 21 Holiday Parties - December 2007 & 2008

Faculty

Page 22 New Members
Page 23 Professional Service
Page 24 Awards, Professional, Personal Achievements
Page 25 New Research Funding and Research Strides
Page 26 Invited Talks, 2007-2008

Alumni

Page 28 News & E-mail Addresses

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@illinois.edu

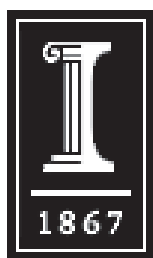
EXPERIMENTAL BIOLOGY RECEPTION

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.

We will have a special celebration/recognition of Linda Barenthin's contributions to the Division upon her retirement.

If you will be attending the EB 2009 meeting in New Orleans, LA please plan to join us at our reception on:

**Monday, April 20, 2009
from 7 - 9 PM at the
Lafayette Room
New Orleans Marriott
(ASN Headquarters)**



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, "How to Make a Contribution" (http://www.nutrsci.uiuc.edu/endowment_fund/contributions.html), which 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.

The Division of Nutritional Sciences launched its Endowment Initiative in 2001 and we are very thankful to the faculty, students, alumni and friends who have supported the Division through contributions to the Endowment Fund and the Annual Fund. Your contributions are greatly appreciated and provide critical support for our students and programs. The Division of Nutritional Sciences would like to ask that you consider taking this opportunity to help secure our Brilliant Future by making a new contribution or an additional contribution to your alma mater.

Below are descriptions of the existing endowment funds in the Division. Three new endowments were established in 2007-2008. We are extremely grateful to the family of Dr. Frank Kari for establishing a memorial award in his name; for Willard and Priscilla Visek for endowing the Dr. Willard J. and Priscilla F. Visek Lectureship and for Dr. Terry Hatch, a DNS faculty member and Carle Hospital physician for endowing the William Rose Endowed Award. These endowments join the existing endowed graduate student awards established by Drs. Baker, Nishida and Robinson.

Nutritional Sciences Endowment Fund - is a general fund that is used to sustain and enhance the excellence of the Division of Nutritional Sciences by providing graduate students with enhanced research and professional development experiences.

Annual Fund - although not an endowment (the funds, rather than the interest generated, are used directly), this fund provides unrestricted support for Nutritional Sciences.

David H. Baker Nutrition Scholar Award Fund - recognizes students who display excellence in research as documented through peer-reviewed publications, awards and research grants. During the selection of the award recipient, an emphasis will be placed on the originality and creativity of the student's research.

Toshiro Nishida Research Award Fund - provides support for travel to national and international scientific conferences. Criteria used to select the awardee include the originality and quality of the student's abstract and poster or oral presentation.

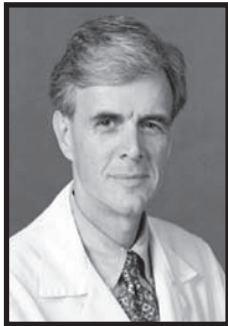
James L. Robinson Nutrition Impact Award Fund - recognizes students who display excellence in professional service to the University, the Division, the Nutritional Sciences Graduate Student Association or to a professional society.

(*New) Frank W. Kari Endowed Memorial Award Fund in Nutritional Sciences - will provide awards to graduate students who are enrolled in the Division of Nutritional Sciences in the College of ACES at the University of Illinois at Urbana-Champaign. The awards will be used by recipients to attend scientific conferences.

(*New) Dr. Willard J. and Priscilla F. Visek Lecture Fund - will be used to support collaborative scholarly activities in the science of nutrition at UIUC by providing funding for a lectureship, including, but not limited to, honorarium, travel, accommodations, publicity and receptions associated with the lecture. The lecture topic should emphasize the molecular basis of normal and abnormal nutrition-related processes in human beings and should take place on an annual basis.

(*New) William Rose Endowed Award Fund in Nutritional Sciences - will provide awards to graduate students who are enrolled in the Division of Nutritional Sciences in the College of ACES at the University of Illinois at Urbana-Champaign. The awards will be used by recipients to attend scientific conferences (see following page).

WILLIAM ROSE ENDOWED AWARD FUND IN NUTRITIONAL SCIENCES



Terry Hatch

A permanent endowment has been established in the UI Foundation by Dr. Terry Hatch, an DNS faculty member and Carle Hospital physician. This award fosters professional development of Nutritional Sciences graduate students by supporting travel to scientific conferences. The recipient will receive \$500 for registration and/or travel expenses. The name of each year's recipient will be permanently displayed on a plaque outside the Division office.

William Rose obtained his B.S. degree in Chemistry at Davidson College in North Carolina. He continued his graduate studies at the Sheffield Scientific School at Yale University receiving his Ph.D. degree in 1911, completing a series of studies on the origin of creatine and creatinine. His first appointment was as an instructor at the University of Pennsylvania Medical School. In 1913, he was hired to organize a Department of Biochemistry at the Galveston Medical School, University of Texas.

In 1922, he came to the University of Illinois as professor of physiological chemistry. This title changed to professor of biochemistry in 1936. His research included: creatine and creatinine metabolism, endogenous purine metabolism, nephropathic effects of dicarboxylic acids and their derivatives, nutritive properties of amino acids, discovery and structural characterization of threonine, studies of the role of proteins in metabolism, studies of the essentiality of amino acids, investigation of the metabolic interrelationships between amino acids and determination of the amino acid requirements of human subjects. Rose published 124 research and biographical papers, as well as other review articles. Dr. Rose discovered threonine in 1934, the last essential amino acid. His work on proteins and amino acids was honored with the National Medal of Science in 1967. Dr. Rose passed away on September 27, 1985, at the age of 98.



William Rose

KRAFT FOODS HUMAN NUTRITION UNDERGRADUATE SCHOLAR AND GRADUATE FELLOW



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 Scholar

The Department of Food Science and Human Nutrition selected the following undergraduate student to receive a \$2,000 Kraft Scholarship for the 2008-09 academic year.

Elizabeth Kuhrt is a Junior in Food Science

Kraft Graduate Fellow

Melissa Kaczmarczyk is originally from Willow Springs, Illinois. She completed her bachelor's degree in Cell and Molecular Biology from Winona State University in 2000, and her Master's degree in Public Health with an emphasis on Epidemiology from Emory University in 2007. She entered the Nutritional Sciences graduate program in 2008, and will be co-advised by Dr. Greg Freund and Dr. Mike Miller. The focus of her research will be immune function and the gut.



On January 16, 2008, 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, \$500 is provided 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 their former students and friends.



David H. Baker Nutrition Scholar Award

David Baker,
Victoria Vieira and
Jeffrey Woods (advisor)



Toshiro Nishida Research Award

Toshiro Nishida,
Katherine Kerr and
Kelly Swanson (advisor)



James L. Robinson Nutrition Impact Award

James Robinson,
Barbara Yudell and
Manabu Nakamura (advisor)

2008-2009 EXTERNAL ADVISORY COMMITTEE

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 2008-2009 committee members are shown below. This year we welcomed Arti Arora, Naomi Fukagawa, Eric Hentges, Haile Mehansho and John O'Connell to the Committee. We would like to acknowledge the contributions of Robbie Burns who completed his term on the Committee this year. Thank you!

Dr. Mitchell S. Abrahamsen, Current Term 2007-2010.

Vice President, Research, Hills Pet Nutrition, Topeka, KS.

Dr. Arti Arora, Current Term 2008-2011.

Principal Manager, Scientific & Regulatory Affairs, The Coca-Cola Co., Atlanta, GA.

Dr. Richard M. Black, Current Term 2008-2011.

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

Dr. Robert A. Burns, Current Term 2006-2009.

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

Dr. Naomi K. Fukagawa, Current Term 2008-2011.

Professor of Medicine, University of Vermont College of Medicine, Burlington, VT.

Dr. Keith A. Garleb, Current Term 2007-2010.

Director, Pediatric Nutrition R&D, Abbott Laboratories, Abbott Nutrition, Inc., Columbus, OH.

Dr. Eric J. Hentges, Current Term 2008-2011.

Executive Director, International Life Sciences Institute North America, Washington, D.C.

Dr. Brian T. Larson, Current Term 2009-2012.

Senior Nutrition Scientist, Nutrition Science, Kellogg's, Battle Creek, MI.

Dr. Gilbert A. Leveille, *Ad Hoc*

Senior Consultant, Scientific & Regulatory Affairs, Cargill, Inc.

Executive Director, Wrigley Science Institute, Denville, NJ.

Dr. Haile Mehansho, Current Term 2008-2011.

Research Fellow, The Procter & Gamble Company, Cincinnati, OH.

Dr. Gregory D. Miller, Current Term 2009-2012.

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

Dr. John O'Connell, Current Term 2008-2011.

Vice President R&D, Wyeth Nutritionals, Collegeville, PA.

Dr. Greg L. Paul, Current Term 2008-2011.

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

Dr. Hugh N. Tucker, Current Term 2009-2012.

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



Attendees of the 2008 meeting:

Back row: Eric Hentges, Robbie Burns, John O'Connell, Hugh Tucker, Mitchell Abrahamsen, Lisa Spence (representative for Gregory Miller), Richard Black

Front row: Arti Arora, Keith Garleb, Haile Mehansho, Naomi Fukagawa, Gregory Paul, Gilbert Leveille

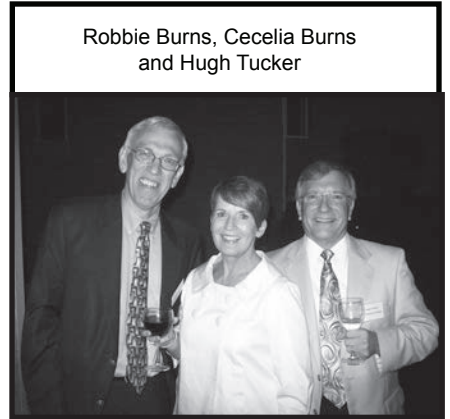
A reception for EAC members, faculty, students and administrators was held at Dr. Donovan's home on September 17, 2008.



Trevor Faber, Dimitri Kashtanov and Richard Black



Jenny Lee and Allyson Bares



Robbie Burns, Cecelia Burns and Hugh Tucker



Trevor Nadrozny, Kelly Tappenden, Manabu Nakamura and Juhee Kim



Luis Mejia, Arti Arora, Michael Miller and Elvira de Mejia



Vanessa Peters and Morgan Moon



Ann Liu, Ryan Grant and Naomi Fukagawa



Ned Hahn and Elizabeth Jeffery



Jozef Kokini and Haile Mehansho



Jeff Woods, Amy Woods and Greg Paul



Chris Moulton and Richard Black



Heather Mangian, Dave Baker and Nikki Ford



Emily Tomayko, Nancy Engelmann and Nikki Ford



Dolores Guest, Naiman Khan and Jon Mun

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

WELCOME NEW GRADUATE STUDENTS

Spring 2008

Shelly Davis, M.S. candidate, B.S. 2007 in Dietetics, Purdue University, West Lafayette, IN. Advised by Sharon M. Donovan, Department of Food Science and Human Nutrition.

Dana Ghareeb, M.S. candidate, B.S. 2007 in Dietetics and Nutrition and completed a Dietetic Internship at Florida International University, Miami. Advised by Charles H. Hillman, Department of Kinesiology and Community Health.

Summer 2008

Jennifer Barnes, M.S. candidate, B.S. 2008 in Dietetics, FSHN, minor in Chemistry, UIUC. Advised by Kelly A. Tappenden, Department of Food Science and Human Nutrition.

Dimitri Kashtanov, M.S. candidate, B.S. 2007 in Biology, Rutgers University, New Brunswick, NJ. Advised by Michael J. Miller and Sharon M. Donovan, Department of Food Science and Human Nutrition.

Fall 2008

Allyson Bares, M.S. candidate, B.S. 2007 in Biology, minor in Chemistry, University of Utah, Salt Lake City. Advised by Sharon M. Donovan, Department of Food Science and Human Nutrition.

Shannon Cope, M.S. candidate, B.S. 2008 in Genetics and Biotechnology, minor in Coaching and Teaching PE, Brigham Young University, Provo, UT. Advised by Sharon M. Donovan, Department of Food Science and Human Nutrition.

Melissa Kaczmarczyk, Ph.D. candidate, B.S. 2000 in Cell and Molecular Biology, Winona State University, MN; M.P.H. 2007 in Epidemiology, Emory University, Atlanta, GA. Advised by Gregory G. Freund, Department of Pathology and Michael J. Miller, Department of Food Science & Human Nutrition.

Leia Kedem, M.S. candidate, B.S. 2008 in Psychology, UIUC. Advised by Karen M. Chapman-Novakofski, Department of Food Science and Human Nutrition and Ellen M. Evans, Department of Kinesiology and Community Health.

Lisa Lieveense, non-degree, B.S. 1983 in Chemistry, University of Tampa, FL; M.S. 1990 in Biology, University of Rochester, NY. Advised by Sharon M. Donovan, Department of Food Science and Human Nutrition.

Ghazal Naseri Kouzehgarani, M.S. candidate, B.S. 2004 in Nutritional Sciences, Shahid Beheshti University, Tehran, Iran. Advised by Karen M. Chapman-Novakofski, Department of Food Science and Human Nutrition.

Vanessa Peters, M.D./Ph.D. candidate, B.S. 2008 in Biology, Elmira College, New York, NY. Advised by Gregory G. Freund, Department of Pathology.

Maria Schreckinger, M.S. candidate, B.S. 2008 in Biotechnology, University of San Francisco, Quito, Ecuador. Advised by Elvira de Mejia, Department of Food Science and Human Nutrition.

Fang Yang, Ph.D. candidate, B.S. 2005 in Animal Science; M.S. 2007 in Animal Nutrition and Feed Science, China Agricultural University, Beijing. Advised by Lawrence B. Schook, Department of Animal Sciences.



Back row: Melissa Kaczmarczyk, Ghazal Naseri Kouzehgarani, Maria Schreckinger, Meaghan McKee, Leia Kedem, Shelly Davis

Front row: Fang Yang,
Vanessa Peters, Dimitri Kashtanov,
Allyson Bares, Shannon Cope
Not pictured: Jennifer Barnes
and Dana Ghareeb

August 2007

Suzanne Devkota, M.S. Current Position: Doctoral Candidate, Molecular Metabolism and Nutrition Program, University of Chicago, IL. Advised by Donald K. Layman, Department of Food Science and Human Nutrition.

Jennifer King, M.S. Current Position: Visiting Scholar, Bioacoustics Research Laboratory, Dept. of Electrical and Computer Engineering, University of Illinois, Urbana, IL. Advised by John W. Erdman, Jr., Department of Food Science and Human Nutrition and William D. O'Brien, Jr., Department of Electrical and Computer Engineering.

Kristy Powell, M.S. Current Position: Clinical Dietitian, Carle Hospital, Urbana, IL. Advised by Kelly A. Tappenden, Department of Food Science and Human Nutrition.

October 2007

Aline Andres, Ph.D. Current Position: Assistant Professor, Dept. of Pediatrics, Arkansas Children's Nutrition Center, Little Rock, AR. Advised by Sharon M. Donovan, Department of Food Science and Human Nutrition.

Marcela Cortes Ramirez, Ph.D. Current Position: Postdoctoral Fellow, Division of Drug Development, Dept. of Translational Research, Nevada Cancer Institute, Las Vegas, NV. Advised by Keith W. Singletary, Department of Food Science and Human Nutrition.

May 2008

Marcela Araya Roldan, Ph.D. Current Position: Postdoctoral Fellow, Dept. of Pharmaceutics, Virginia Commonwealth University, Richmond, VA. Advised by Elizabeth H. Jeffery, Department of Food Science and Human Nutrition.

Yewon Cheon, Ph.D. Current Position: Postdoctoral Fellow, Brain Physiology and Metabolism Section, National Institute on Aging, National Institutes of Health, Bethesda, MD. Advised by Manabu T. Nakamura, Department of Food Science and Human Nutrition.

Hyun-Young Koo, Ph.D. Current Position: Postdoctoral Research Scholar, Dept. of Nutritional Sciences, Pennsylvania State University, University Park, PA. Advised by Manabu T. Nakamura, Department of Food Science and Human Nutrition.

Tara Rogers, M.S. Current Position: Clinical Dietitian, Carl T. Hayden VA Medical Center, Phoenix, AZ. Advised by Karen M. Chapman-Novakofski, Department of Food Science and Human Nutrition.



Sharon Donovan (advisor) and Aline Andres



Marcela Araya Roldan, Hyun-Young Koo, John Erdman, Jr., Kristy Powell and Yewon Cheon



Jennifer King and John Erdman, Jr. (advisor)



Karen Chapman-Novakofski (advisor) and Tara Rogers



Keith Singletary (advisor) and Marcela Cortes Ramirez



Andrew and Isaac Cho with Hyun-Young Koo, Manabu Nakamura and Yewon Cheon

2008 Officers

Chair.....Rose Ann Mathai
 Co-Chair.....Hannah Holscher
 Treasurer.....Nikki Ford
 Co-Treasurer.....Krystle Zuniga
 Secretary.....Erica Nehrling
 Webmaster.....Jonathan Mun
 Executive Committee
 Representative.....Ryan Grant
 Photographer.....Katherine Kerr
 Grievance Committee Representatives....
 Desiree Lavin and Morgan Moon



E. Nehrling, J. Mun, K. Zuniga, N. Ford,
 D. Lavin, H. Holscher, R. Mathai,
 M. Moon, R. Grant, K. Kerr

2007-2008 MARGIN OF EXCELLENCE PROGRAM**Travel Fund Recipients**

The objective of the travel funds 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. Students are provided with \$300-\$400.

Fall 2007

Saebyeol Jang

Spring 2008

Pascalie Adedze
 Yewon Cheon
 Mengyuan Du
 Nancy Engelmann
 Nikki Ford
 Katherine Kerr
 Naiman Khan

Spring 2008

Ren-Hau Lai
 Brian Lindshield
 Ann Liu
 Rose Ann Mathai
 Mina Mojtahedi
 Christopher Moulton
 Jonathan Mun
 Layne Norton
 Tory Parker

Spring 2008

Summer Porter
 Brooke Schantz
 Chad Stroud
 Matthew Thorpe
 Emily Tomayko
 Victoria Vieira
 Gabriel Wilson
 Jennifer Woodard
 Barbara Yudell

Research Fund Recipients

Research funds help support research conducted by the students and provides students with the valuable experience of preparing research proposals. The primary selection criterion is the quality of the proposed research and students are provided \$400-\$1,000.

Nancy Engelmann
 Nikki Ford
 Ryan Grant
 Ren-Hau Lai
 Denise (Walker) Lasker
 Ann Liu
 Layne Norton

Min Jung Park
 Matthew Thorpe
 Emily Tomayko
 Sonja Volker
 Jennifer Woodard
 Barbara Yudell
 Krystle Zuniga

**USDA National Needs
Predoctoral Fellowship**

Matthew Thorpe
Krystle Zuniga

**Graduate College
Fellowship**

Ryan Grant
Sofia Torres

**CONACYT Scholarship
(Mexican Government)**

Gerardo Nava-Morales

**JBT Fellowship
(College of ACES)**

Shelly Davis
Katherine Kerr
Ann Liu
Erica Nehrling

University Fellowship

Jennifer Croix
Chad Stroud

Fulbright Scholarship

Mina Mojtahedi



Gamma Sigma Delta (GSD) is an agricultural honor society, which seeks to encourage high standards of scholarship and worthy achievements in all branches of the agricultural and related sciences as well as a high degree of excellence in the practice of agricultural pursuits. The College of Agricultural, Consumer and Environmental Sciences and GSD hold the recognition program in the fall of each year.

Back Row: John Erdman, Jr., Katherine Kerr, Emily Tomayko, Ryan Grant, Krystle Zuniga
Front Row: Gerardo Nava-Morales, Mina Mojtahedi, Ann Liu

Jennifer Barnes received the FSHN 2008 Outstanding Undergraduate Research Award.

Meredith Barnes was cited on the List of Teachers Ranked as Excellent for being a Teaching Assistant in Medical Microbiology & Immunology in fall 2007.

Nancy Engelmann is the Student Committee Chair and the Student Representative on the Society for In Vitro Biology (SIVB) Long-Range Planning Committee. She convened one Session and one Workshop on Student Professional Development at the SIVB 08 Meeting. She also is the Diet and Cancer Research Interest Section (RIS) Student Representative, American Society for Nutrition. She won 3rd Place in the Poster Competition at SIVB 2008 and received a Graduate College Travel Award. Nancy was cited on the List of Teachers Ranked as Excellent for being a Discussion Leader in FSHN 220 (Principles of Nutrition) in spring 2008.

Nikki Ford received an NIH-funded travel award to attend the Office of Dietary Supplements Practicum, Bethesda, MD in June 2008. She is the Student Representative for the American Society for Nutrition Carotenoid Research Interest Group (CARIG) RIS. Nikki had the following publication: **Ford NA**, Erdman JW. Lycopene metabolites: Apo-lycopenals. In: Preedy VR, Watson RR (Eds). Lycopene: Nutritional, Medicinal and Therapeutic Properties. Science Publishers (USA). Oct 2008.

Radhika Ganu was married on August 26, 2007 to Prasad Sumant, a doctoral student at UIUC. She was cited on the List of Teachers Ranked as Excellent for being a Discussion Leader in FSHN 220 (Principles of Nutrition) in spring 2008.

Ryan Grant received the 2008 Wyeth Consumer Healthcare Predoctoral Fellowship from the American Society for Nutrition.

Dolores (Doane) Guest began the UIUC Dietetic Internship in fall 2008. She received the first Cadbury-Schweppes Predoctoral Fellowship (2008) from the American Society for Nutrition and an Eleanor Ison Franklin Fellowship, Porter Physiology Fellowship from the American Physiological Society from 2007-2009. She also received an American Physiological Society/NIDDK Travel Award for EB 2008. Dolores was cited on the List of Teachers Ranked as Excellent for being a Teaching Assistant in ANSC 362 (Principles of Animal Physiology) in fall 2007. She successfully completed her Preliminary Exam in Sept 2007. She served as Chair, Student Interest Group 2007-2008, and Student Representative, Strategic Planning Committee 2008, for the American Society for Nutrition. Dolores married DNS Medical Scholars student, **Christopher Guest**, in

June 2008 and they live in the house they bought in fall 2007. She had the following publication: Vaughn N, Rizzo A, **Doane D**, Beverly JL, Gonzalez de Mejia E. Intracerebroventricular administration of soy protein hydrolysates reduces body weight without affecting food intake in rats. *Plant Foods Hum Nutr* 2008; 63:41-6.

Saebyeol Jang was married in Korea on March 29, 2008. She had the following publication: **Jang S**, Kelley KW, Johnson RW. Luteolin reduces IL-6 production in microglia by inhibiting JNK phosphorylation and activation of AP-1. *Proc Natl Acad Sci* 2008; 105:7534-9.

Naiman Khan received the Graduate Student Research Award from the Nutrition Education RIS of the American Society for Nutrition at Experimental Biology 2008.



Dr. Karen Chapman-Novakofski and Naiman Khan

Denise (Walker) Lasker received the 2008 Mars, Inc. Predoctoral Fellowship from the American Society for Nutrition and the 2008 Patsy Jane O'Malley Memorial Scholarship from the American Dietetic Association Foundation. Denise married Michael Lasker on Dec. 8, 2007, with a honeymoon that followed in the Smoky Mountains. Denise and Michael welcomed their first son, Isaac Denby Lasker, who arrived on his due date, May 31, 2008.



Isaac Denby Lasker

Brian Lindshield was inducted as a Phi Kappa Phi Member in 2008. He received the following Travel Awards: 15th International Symposium on Carotenoids, Okinawa, Japan, June 2008; American Institute for Cancer Research Launch Conference, Nov 2007; and the Vitamin D and Health in the 21st Century Conference, NIH/ODS, Sep 2007. He served on the Nutritional Sciences' Strategic Planning Committee and Student Grievance Committee and the NSGSA Quiz Bowl Committee. He presented his research at the Nutritional Sciences External Advisory Committee Meeting in Sep 2007 and had 3 abstracts published. Brian accepted a position as Assistant Professor of Human Nutrition at Kansas State University starting in August 2008.

Rose Ann Mathai presented a poster at the Experimental Biology Meeting 2008 and had an abstract published.

Mina Mojtahedi received a Fulbright Fellowship and is a member of the American Society for Nutrition. Mina was an Assistant Coach for the Women's Wheelchair Basketball team, which won the 2008 National Championship. She gave an oral presentation at ACSM 2008, Indianapolis, and an oral and poster presentation at EB 2008, San Diego. She had the following publications: **Mojtahedi MC**, Boblick P, Rimmer JH, Rowland JL, Jones RA, Braunschweig CL. Environmental barriers to and availability of healthy foods for people with mobility disabilities living in urban and suburban neighborhoods. *Arch Phys Med Rehabil* 2008; 89:2174-2179; **Mojtahedi MC**, Snook EM, Motl RW, Evans EM. Bone health in ambulatory individuals with multiple sclerosis: Impact of physical activity, glucocorticoid use and body composition. *J Rehabil Res Dev* 2008; 45:851-862; and **Mojtahedi MC**, Valentine RJ, Sigurnbjorn AA, Evans EM. Whole body and regional lean soft tissue and adiposity in physically active individuals with spinal cord injury. *Int J Body Comp Res* 2008; 6:43-50.

Morgan Moon was ranked #1 overall in MidWest Collegiate Cycling Conference in Women's Category B road cycling and elected VP of Road Cycling for the Illini Bicycle Racing Club.

Jonathan Mun received the 8th Annual Purdue-UAB Botanical Research Center Symposium Poster Contest Award and the NIH/ODS (Office of Dietary Supplements)-sponsored Rutgers University International Training Program on Natural Products Trainee Award. He presented a poster at Experimental Biology 2008 and at the 8th Annual Meeting and Symposium of Purdue University and University of Alabama at Birmingham Botanicals Research Center.

Tory Parker received the UIUC College of ACES 2008 Louis V. Logeman Graduate Student Teaching Award. He was cited on the List of Teachers Ranked as Excellent for teaching FSHN 120 (Contemporary Nutrition) in summer 2007. He taught FSHN 120 again in fall 2007 and was an instructor for FSHN 220 (Principles of Nutrition) in spring 2008 and was cited on the List of Teachers Ranked as Excellent. He was the PI on a grant entitled "Development of a pulp-based papaya nectar that maintains high quality and nutrient content" from the Hawaii Farm Bureau in 2007-2008 and presented a poster at the IFT annual meeting in New Orleans, LA in July 2008. Tory successfully defended his dissertation in April 2008 and accepted a position as Assistant Professor at Brigham Young University, Provo, UT beginning in July 2008.

Karen Plawecki is the Strategic Planning Co-chair of the Illinois Dietetic Association. She also had an abstract published in the *Journal of Nutrition Education and Behavior*.

Summer Porter received an American Dietetic Association Scholarship for 2008-2009 and an AMVETS fellowship for continuing diabetes education research. She also was an invited Division of Nutritional Sciences student representative at the 2008 Agricultural Science and Education Exhibition on Capitol Hill "Nutrition and Health" in March. Summer started a dietetic internship at the Veterans Administration San Diego Medical Center, San Diego, CA in September 2008.

Tara Rogers completed her dietetic internship at UIUC and graduated in May. She is currently a Clinical Dietitian at Carl T. Hayden VA Medical Center, Phoenix, AZ.

Christina Sherry received an American Heart Association Predoctoral Fellowship in 2008, a Psychoneuroimmunology Research Society Travel Fellowship and the Bluffton University Outstanding Young Alumni Award. She gave a Poster and Data Blitz Presentation at the 15th Annual meeting of the Psychoneuroimmunology Research Society in Madison, WI. Christina had the following publication: Johnson DR, **Sherry CL**, York JM, Freund GG. Acute hypoxia, diabetes, and neuroimmune dysregulation: Converging mechanisms in the brain. *The Neuroscientist* 2008; 14:235-9.

Rita Strakovsky was cited on the List of Teachers Ranked as Excellent for being a Teaching Assistant in FSHN 420 (Nutritional Aspects of Disease) in fall 2007.

Chad Stroud presented a poster at the International Society for the Study of Fatty Acids & Lipids (ISSFAL) Conference, Kansas City, MO in May 2008. He has submitted a paper detailing first results from the lab's delta-6 desaturase knockout mouse.

Matthew Thorpe was selected as one of two recipients of the University of Illinois Paul D. Doolen Graduate Scholarship for the Study of Aging for 2008-2009.

Emily Tomayko received an American Heart Association Fellowship for 2007-2008. She also received a Travel Award to the Dietary Supplements Research Practicum 2008 held by the Office of Dietary Supplements at the National Institutes of Health in June.

STUDENT AWARDS AND ACHIEVEMENTS, CONTINUED

Victoria Vieira received a 2008 Psychoneuroimmunology Research Society (PNIRS) Trainee Travel Award. She gave two poster presentations (at the PNIRS National Annual Meeting and Experimental Biology 2008) and the following talks: "Differential effects of low-fat diet and exercise on WAT inflammation and obesity comorbidities" and "Inflammation, adipose tissue, and exercise", 7th Biospace International Symposium on Human & Sport Science: Obesity, Aging, Immune Function and Exercise, Daegu, South Korea in Dec 2007. She completed her second marathon (Chicago) in Oct 2007. She became engaged to Erik Potter in May 2008. They will get married in Massachusetts in Sept. 2008. Victoria had the following publications: Keylock KT, **Vieira VJ**, Wallig MA, DiPietro LA, Schrementi M, Woods JA. Exercise accelerates cutaneous wound healing and decreases wound inflammation in aged mice. *Am J Physiol Regul Integr Comp Physiol* 2008; 294:R179-84; Grant RW, Mariani RA, **Vieira VJ**, Fleshner M, Smith TP, Keylock KT, Lowder TW, McAuley E, Hu L, Chapman-Novakofski K, Woods JA. Cardiovascular exercise intervention improves the primary antibody response to keyhole limpet hemocyanin (KLH) in previously sedentary older adults. *Brain Behav Immun* 2008; 22:923-32; Heffernan KS, **Vieira VJ**,

Valentine RJ. Microvascular function and ageing: L-arginine, tetrahydrobiopterin and the search for the fountain of vascular youth. *J Physiol* 2008; 586:2041-2; and Valentine RJ, **Vieira VJ**, Woods JA, Evans EM. Stronger relationship between central adiposity and C-reactive protein in older women than men. *Menopause* 2008; in press.

Gabriel Wilson presented "The future of HMB research" at the International Society of Sports Nutrition (ISSN) Conference, Las Vegas, NV in June 2008. Gabriel had one abstract published, as well as the following 3 publications: Anderson MB, McCullagh P, **Wilson GJ**. But what do the numbers really tell us? Arbitrary metrics and effect size reporting in sport psychology research. *J Sport Exerc Psychol* 2007; 29:664-72; Wilson JM, Wilson GJ. A practical approach to the taper. *Strength Cond J* 2008; 30:10-16; and **Wilson GJ**, Wilson JM, Manninen AH. Effects of beta-hydroxy-beta-methylbutyrate (HMB) on exercise performance and body composition across varying levels of age, sex, and training experience: A review. *Nutr Metab* 2008 Jan 3; [Epub ahead of print].

Barbara Yudell was cited on the List of Teachers Ranked as Excellent for being a Discussion Leader in FSHN 220 (Principles of Nutrition) in spring 2008.

NUTRITIONAL SCIENCES FACULTY AWARD "For extraordinary contribution, support and encouragement of Nutritional Sciences Graduate Students"

On October 29, 2008 the Nutritional Sciences Graduate Student Association presented **Dr. Ellen Evans** with the 2008 Faculty Award. Faculty members are nominated by students based on the degree of involvement in student affairs and the Division.

Dr. Evans stated: "I am truly honored to be selected to receive the NSGSA Faculty Award for mentoring and encouraging graduate students. My philosophy is that mentoring is crucial to professional success at every career stage. I have had numerous excellent mentors throughout my probationary period on the Illinois campus, with many being DNS faculty. Mentoring and guiding graduate students is the absolute best part of being an academic and working with the exceptional graduate students in DNS is indeed a privilege".



Nikki Ford presenting Dr. Evans with the Faculty Award

PHOTO GALLERY FROM NUTRITION RECEPTION AT EB 2008



Aline Andres, Pascasie Adedze and Rose Ann Mathai



Manabu Nakamura, Jeffrey Escobar, David Baker and Ryan Dilger



Catherine Peterson, Sharon Donovan and Janet Novotny



Anne Kurilich, Gregory Sunvold and Rodney Johnson



Naiman Khan, Leslie Sutton and Summer Porter



Cecelia Burns, Ed Ulman, Edie Erdman and Robbie Burns



Ryan Dilger, Milton and Roger Sunde



Ingmar Middelbos, Kari Liu, Kelly Swanson and Krista Zinn



Karen Chapman-Novakofski, Jan Novakofski, Elvira de Mejia, Luis Mejia and Mary Ann Lila



Standing: James Smith, Rose Ann Mathai and Krystle Zuniga; Seated: Emily Tomayko, Nikki Ford, Ann Liu, Nancy Engelmann and Pascasie Adedze



Nathan Matusheski, Jin-Rong Zhou and Susan Zaripheh



Emily Tomayko, Brian Wansink, Ann Liu and Barbara Yudell



Kelly Tappenden, Karen Chapman-Novakofski, Mary Ann Lila and Jan Novakofski



Victoria Vieira, Mina Mojtahedi, Naiman Khan, Matthew Thorpe, Barbara Yudell and Dolores Guest



Jin-Rong Zhou and Tiffany Bierer



Sharon Donovan, Elvira de Mejia and James Smith



Anna and Ryan Dilger, Rodney Johnson and Amy Richwine



Nikki Ford and Brian Lindshield



John Erdman, Jr., Peter Lu and Edie Erdman



Manuel Roqueta Rivera, Yewon Cheon and Ren-Hau Lai



Matthew Thorpe and Ed Ulman



Donald Layman and Kelly Tappenden



Gilbert Leveille, Susan Berkow, Richard Black, Sandra Bartholomey and Guy Johnson



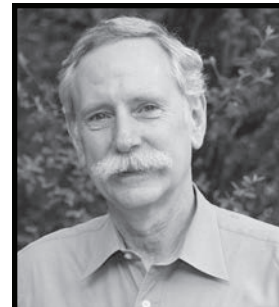
Back: Nancy Engelmann, Rose Ann Mathai, Pascasie Adedze, Nikki Ford, Barbara Yudell and Emily Tomayko
Front: Krystle Zuniga and Dolores Guest

THANK YOU!

The faculty and students of the Division would like to recognize **Ed Ulman (Ph.D. 1980)**, the Department of Food Science and Human Nutrition and the Department of Animal Sciences, UIUC for their generous contributions in support of the Nutrition Mixer at EB 2008. Thank you!

About the Nutritional Sciences Symposium

Each year the NSGSA organizes a symposium 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. Walter C. Willett**, M.D., Dr.P.H., Chair, Department of Nutrition, Fredrick John Stare Professor of Epidemiology and Nutrition, Harvard School of Public Health, Boston, MA, who presented "Diet and Health: A Progress Report".



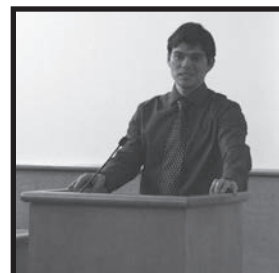
ORAL PRESENTATIONS

"Dietary fructose increases nuclear active ChREBP, but not ChREBP abundance in rat liver" **Hyun-Young Koo**, at right (Advisor: Manabu T. Nakamura)



"Moderate protein intake improves change in lean-to-fat ratio after 1 year of weight loss in adults" **Mina C. Mojtahedi**, at left (Advisor: Ellen M. Evans)

"Dietary arachidonic acid prevents ulcerative dermatitis and partially restores skin prostaglandin in delta-6-desaturase (D6D) knockout mouse" **Manuel Roqueta-Rivera**, at right (FSHN Graduate Student; Advisor: Manabu T. Nakamura)



"Mechanisms behind anti-tumor activity in dunning R3327-H prostate adenocarcinomas as a result of tomato & broccoli consumption" **Christina L. Sherry**, at left (Advisor: Gregory G. Freund)

POSTER PRESENTATIONS

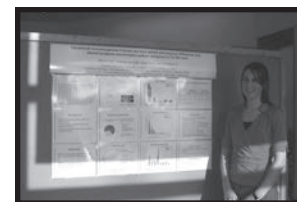
"Assessing needs for nutrition education to prevent childhood overweight: Focus group discussions with Head Start parents" Pascasie Adedze (Advisor: Sharon M. Donovan)

"Reduced active sterol regulatory element binding protein-1 (SREBP-1) and delta-6 desaturase transcription are accompanied by increased membrane phosphatidylethanolamine (PE) / phosphatidylcholine (PC) ratio" **Yewon Cheon** (Advisor: Manabu T. Nakamura)

"Hypothalamic α -MSH is increased in male rats fed a high soy protein diet" **Dolores F. Doane** (Advisor: J. Lee Beverly)

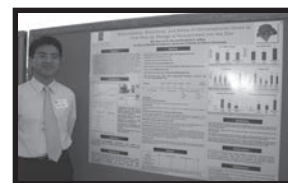
"Production of distinct carotenoid mixtures from tomato cell suspension cultures varies by herbicide treatment and variety used" **Nancy J. Engelmann** (Advisor: John W. Erdman, Jr.)

"Carotenoid monooxygenase II knock-out mice exhibit phenotypical differences and altered lycopene accumulation pattern compared to C57Bl6 mice" **Nikki A. Ford**, at right (Advisor: John W. Erdman, Jr.)



POSTER PRESENTATIONS, CONTINUED

“Peer education, exercising and eating right (PEER): Determining changes in student self-efficacy and outcome expectations in a teaching partnership” **Naiman A. Khan** (Advisor: Karen M. Chapman-Novakofski)

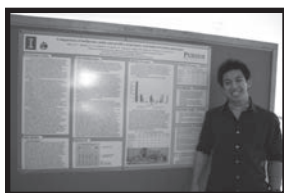


“Bioavailability, bioactivity, and safety of glucoraphanin given to F344 rats by gavage or incorporated into the diet” **Ren-Hau Lai**, at right (Advisor: Elizabeth H. Jeffery)

“Diet-induced obesity causes depressive-like behavior in mice” **Desiree N. Lavin** (Advisor: Gregory G. Freund)

“Gastrointestinal structural and functional responses to rotavirus infection in the neonatal piglet” **Rose Ann Mathai** (Advisor: Sharon M. Donovan)

“The effect of race and physical activity on bone mineral density is consistent in young adult and older women” **Mina C. Mojtahedi** (Advisor: Ellen M. Evans)

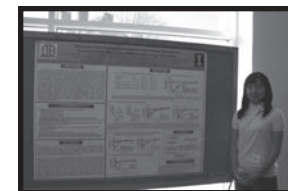


“Male rats fed low or high carbohydrate diets for ten days did not differ in hepatic gene expression of enzymes associated with carbohydrate metabolism, but differed in peripheral insulin signaling” **Christopher J. Moulton** (Advisor: Donald K. Layman)

“Comparison of isoflavone yields and profiles from hairy root-induced kudzu genotypes” **Jonathan G. Mun**, at left (Advisor: Mary Ann Lila)

“Isonitrogenous protein sources with different leucine contents differentially effect translation initiation and protein synthesis in skeletal muscle” **Layne E. Norton** (Advisor: Donald K. Layman)

“Blocking of beta-2 adrenergic receptor hastens recovery from hypoglycemia-associated social withdrawal” **Min Jung Park**, at right (Advisor: Gregory G. Freund)



“Antioxidant capacity and phenolic content of grapes, sun-dried raisins and golden raisins and their effect on *ex vivo* serum antioxidant capacity” **Tory L. Parker** (Advisor: Nicki J. Engeseth)

“Your guide to diet and diabetes for Hispanic audiences: A cultural translation” **Summer J. Porter** (Advisor: Karen M. Chapman-Novakofski)

“Developmental ontogeny of adipose cellularity and gene expression in the neonatal piglet” **Brooke B. Schantz** (Advisor: Sharon M. Donovan)

“Dietary protein and sulfur from protein hold opposing effects on the intercept, but do not affect the slope of lumbar spine bone mineral density in postmenopausal women” **Matthew P. Thorpe** (Co-advisors: Ellen M. Evans and John W. Erdman)

“Modest reduction of atherosclerotic lesions by soy supplementation and exercise training in a mouse model of surgically-induced uremia” **Emily J. Tomayko** (Advisor: Kenneth R. Wilund)



“WAT gene expression of IL-1ra predicts hepatic steatosis in obese Balb/c mice and is reduced by behavioral intervention” **Victoria J. Vieira** (Advisor: Jeffrey A. Woods)

“Butyrate upregulates proglucagon mRNA abundance through activation of the proglucagon gene promoter in NCI H716 cells” **Jennifer N. Woodard**, at left (Advisor: Kelly A. Tappenden)

“Interaction between dietary fructose and protein: Marginal protein deficiency induces pyruvate dehydrogenase kinase 4 (PDK4) and glucose transporter 4 (GLUT4) genes in rat muscle” **Barbara E. Yudell** (Advisor: Manabu T. Nakamura)

“*In vivo* and *in vitro* regulation of adipogenesis by caffeine in yerba mate tea in comparison to other caffeine sources” **Fatima J. Zapata** (Co-advisors: Elvira de Mejia and Manabu T. Nakamura)

Congratulations to the following winners:

Posters

1st Place: Pascasie Adedze, Nikki Ford, Layne Norton, Min Jung Park, Brooke Schantz

2nd Place: Nancy Engelmann, Rose Ann Mathai, Tory Parker, Emily Tomayko, Victoria Vieira

Oral

1st Place: Manuel Roqueta-Rivera 2nd Place: Christina Sherry

Each of five judging teams selected 1st and 2nd place winners.

The NSGSA Bake-Off was held on July 23, 2008. Students could compete in four dessert categories and attendees could purchase tasty treats.

THE WINNERS!



Back: Christina Sherry, Summer Porter, Morgan Moon, Shelly Davis, Ryan Grant, Timothy Garrow, Michael Murphy;
Front: Nancy Engelmann, Nikki Ford



Desiree Lavin



Desiree Lavin, Gregory Freund, Summer Porter, Rose Ann Mathai, Nikki Ford

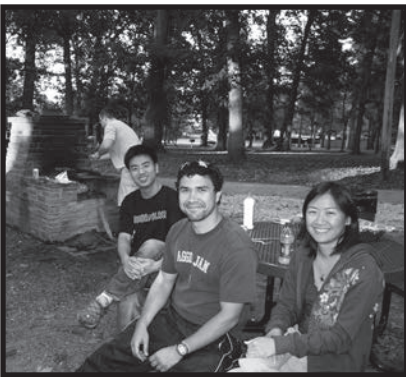


Barbara Yudell, Desiree Lavin, Shelly Davis, Nikki Ford, Rose Ann Mathai, Ann Liu, Ryan Grant

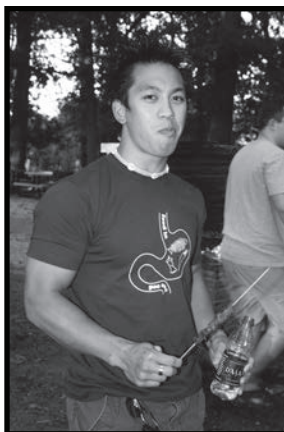
FALL PICNIC

Graduate students, faculty and their families enjoyed a picnic at Illinis Grove on September 16, 2008 to welcome new graduate students and to kick off a new academic year.

Master Griller Dimitri Kashtanov



Ren Hau Lai, Ryan Grant and Ann Liu



Jonathan Mun

Back Left: Emily Radlowski, Melissa Kaczmarczyk, Front: Hannah Holscher, Nikki Ford and Jonathan Mun





WINNING TEAM

Team Wilund

Layne Norton, Emily Radlowski,
Dr. Kenneth Wilund, Radhika
Ganu and Ann Liu

Team Teran-Garcia
Trevor Faber, Ryan Grant,
Dr. Margarita Teran-Garcia,
Victoria Vieira and
Shannon Cope



Team Wallig

Katherine Kerr, Gabriel Wilson,
Dr. Matthew Wallig, Nikki Ford
and Emily Tomayko



Team Nakamura
Allyson Bares, Denise Lasker,
Dr. Manabu Nakamura, Nancy
Engelmann and Jonathan Mun



**Master of Ceremonies
and Quiz Bowl Judges**
Dr. Sharon Donovan (MC) and
Judges Dr. John Erdman, Jr.
and Dr. Jan Novakofski

HAPPY HOLIDAYS FROM THE NSGSA

Each year, NSGSA selects an organization from the Champaign area to assist during the holiday season. In 2007, they elected to do a toy drive for the "Marilyn Queller Child Care Center" and in 2008 for "Toys for Tots".



Brian Lindshield, Ryan Grant



David Baker, Edie and John Erdman, Jr.



Christina Sherry, Ryan Grant and Ann Liu



Left: Ian Wallace, Sharon Donovan
Right: Don and Victoria Wallace



Yewon Cheon holding Jane Lee

HOLIDAY PARTY - DECEMBER 5, 2008



Rose Ann Mathai and Hannah Holscher



Back: Allyson Bares, Ann Liu, Nancy Engemann, Tyler Moran, Heather Mangian; Front: Sarah Comstock, Anna Comstock, Melissa Kaczmarczyk, Vanessa Peters



Desiree Lavin, Erica Nehrling and Katie Kerr



Dwight Steward, Barbara Yudell, Amber Yudell and Nancy Engemann

December 2007

Juhee Kim, Ph.D.

Assistant Professor
Department of Kinesiology and Community Health
College of Applied Health Sciences

Research Interests: *Determinants of feeding/eating behaviors, sedentary behaviors (media use) and physical activity and their impact on obesity and oral health; site-specific obesity prevention research such as child care centers, schools and health care service delivery system.*

Dr. Kim's research aims to identify determinants of childhood obesity, focusing on the roles of family, organization and community by conducting epidemiological, policy and community-based research. Dr. Kim is very much interested in collaborative studies that cross disciplines such as public health, preventive medicine, dental medicine and social sciences. She also is interested in examining health behaviors of the underserved and high-risk population, people with disabilities, in the context of family and community environment. The prevalence of obesity and unfavorable physical activity patterns are more significant among children with disabilities than those of typically developed children. Her study will address the need of developing obesity prevention and intervention targeting people with developmental disabilities. The eventual goal of her research is to find exemplary models to delineate the factors contributing to the development of obesity. Upon identifying the site-specific models, she plans to apply them as a theoretical framework to develop the interventions to promote healthy behaviors and, as a consequence, prevent obesity and related morbidity and mortality.



May 2008

Duncan C. Ferguson, V.M.D., Ph.D., DACVIM, DACVCP

Professor and Head
Department of Veterinary Biosciences
College of Veterinary Medicine

Research Interests: *Interaction of the hypothalamic-pituitary-thyroid (HPT) axis nutrient metabolism and vice versa.*

Current basic research interests include: 1) the effects of thyroid-disrupting compounds such as organohalides, bisphenol A and soy isoflavones in the environment and diet on neurodevelopment using rodent models and human embryonic stem cells and 2) the interplay between the HPT, dietary components and energy metabolism using the obese cat as a model of insulin resistance. Collaborative work includes the application of non-invasive techniques such as nuclear magnetic resonance (MRI) for the study of intermediary metabolism. A veterinary clinical pharmacologist, he also is interested in comparative pharmacology and veterinary clinical endocrinology, and has focused attention on the improvement of thyroid function tests in domestic animals.



May 2008

Diana S. Grigsby-Toussaint, Ph.D.

Assistant Professor
Department of Kinesiology and Community Health
College of Applied Health Sciences

Research Interests: *Diabetes and obesity epidemiology; food environments and dietary behaviors; neighborhood influences on health; health disparities.*

There is growing evidence that the "production" of diseases is a result of social and environmental factors that interact with individual-level biological substrates. Disentangling the manner in which these factors interact in the pathogenesis of disease continues to challenge researchers. A primary focus of Dr. Grigsby-Toussaint's research is to integrate measures of the social and built environments into disease models with the goal of effectively addressing the impact of disease risk in ethnic minority and vulnerable populations. Her long-term goal is to use these models to develop targeted programs that consider the individual-level risk factors associated with the onset of disease within the context of social and environmental influences.



David Baker is a member of the ASN Strategic Oversight Committee (2008-2010) and a member of the International Council of Amino Acid Science (ICAAS) from 2004-2010. He also was an External Examiner for a Ph.D. Exam at the University of Alberta in 2008.

M. Susan Brewer is Editor of the *Journal of Muscle Foods* and Associate Editor of the *Journal of the American Oil Chemists' Society*. She also was the faculty advisor for the FSHN Product Development team, which was one of six selected to present their products at the Institute of Food Technologists Annual Meeting in New Orleans in summer 2008.

Karen Chapman-Novakofski is Editor-in-Chief of the *Journal of Nutrition Education and Behavior*.

Robert Dantzer is the Director of the University of Illinois Integrative Immunology & Behavior Program. He was Co-Chair of the NeuroAIDS Symposium: HIV and the Brain: Models and Treatment Approaches at the 15th Annual Meeting of the Psychoneuroimmunology Research Society, Madison, WI, May 2008. He serves as Editor-in-Chief of *Psychoneuroendocrinology*, Associate Editor of *Brain, Behavior, and Immunity* and was the Editor of the section on Production and Action of Cytokines in the *Brain* for the 4th edition of Psychoneuroimmunology. He also serves as an Editorial Board Member of the following journals: *Stress*, *Neuroimmunomodulation*, *European Journal of Pharmacology* and *Physiology & Behavior*.

Sharon Donovan serves in the following capacities for ASN: member of the Strategic Oversight Committee 2007-2010; Chair, Human Milk and Lactation Research Interest Section 2007-2008; member of the Selection Jury for Bio Serv, Weinsier and McCormick Awards 2008; and member of Strategic Taskforce on Structure and Council Interactions, Nutritional Sciences Council 2008-2010. She also serves on the Executive Committee (2007-2010) International Society for Research on Human Milk and Lactation.

James Drackley is Director, Midwest Dairy Consortium and is completing a 3-year term as a member of the Board of Directors of the American Dairy Science Association.

John Erdman, Jr. continues as Chair, Committee on Military Nutrition Research, National Academy of Sciences and is on the Board of Trustees of International Life Sciences Institute (ILSI) North America. He recently was appointed to the Strategic Oversight Committee of ASN.

George Fahey, Jr. serves on the Editorial Boards of the following: *Journal of Nutrition*, *British Journal of Nutrition*, *Journal of Animal Science*, *Journal of Animal Physiology and Animal Nutrition* and *Archives of Animal Nutrition*. He is on the Nominating Committee for the American Society for Nutrition, the Organizing Committee for the American Dairy Science Association Discover Conference on Direct-Fed Microbials and Prebiotics and the Nutrition Advisory Board of GTC Nutrition, Golden, CO. He also is the Review Coordinator for the National Research Council publication on Supplements for Horses, Dogs and Cats.

Paul Gold is Editor of *Neurobiology of Learning and Memory* and has been a member of the Executive Committee of the Winter Conference on the Neurobiology of Learning and Memory from 2003 to the present.

Kristen Harrison is the Vice Chair and Program Planner, Instructional and Developmental Division, International Communication Association 2007-2008, and a Scientific Advisory Board Member, Johns Hopkins University Center for Adolescent Health, advising the construction of the *Healthy Adolescent Development Guide* 2007. She serves on the following Editorial Boards: *Communication Studies* 2004-present; *Body Image: An International Journal of Research* 2005-present; *Communication Research* 2005-present; and *Media Psychology* 2005-present.

Juhee Kim is a member of the Student Committee, Maternal and Child Health Section, American Public Health Association and the Association of Teachers in Maternal and Child Health, Maternal Child and Health Epidemiology, American Public Health Association.

Mary Ann Lila finished her term as Interim Associate Dean for Research in Sept. 2008 and has been serving as Interim Director, ACES Global Connect, College of ACES, University of Illinois since 2006. She became a member of the Editorial Board of *Nutrition and Metabolic Issues* in 2008 and has been serving on the International Development Agriculture Coordinating Committee since 2007 and the Naked Juice Scientific Advisory Board, Azusa, CA. She has been a member of the National Association of State Universities and Land-Grant Colleges Commission on International Programs (NASULGC CIP) since 2006 and was the elected Chair of the Awards Committee, Society for *In Vitro* Biology from 2006-2008.

Manabu Nakamura is the Chair of the Nutrient-Gene Interaction RIS of ASN.

Kelly Swanson is on the Editorial Boards of *Animal Feed Science and Technology* and the *Journal of Animal Science* and on the Companion Animal Steering Committee of the American Society of Animal Science (ASAS). He also is Chair, Experimental Animal Nutrition RIS of ASN.

Kelly Tappenden is President, American Society for Parenteral and Enteral Nutrition, 2008-2009. She also is on the Editorial Board of *Current Opinion in Clinical Nutrition and Metabolic Care*, 2008-2010. She served in the following capacities: Chair, Session on Factors Influencing Gut Microbiota, NIH Conference on Gastrointestinal Microbiota and Advances in Prebiotic and Probiotic Research, Rockville, MD in Dec 2007; Moderator, A.S.P.E.N./ESPEN Symposium, Clinical Nutrition Week, Chicago, IL in Feb 2008; Chair, Clinical Emerging Leaders Competition, Experimental Biology '08, San Diego, CA in Apr 2008; and Chair, Intestinal Failure Symposium, Experimental Biology '08.

FACULTY AWARDS, PROFESSIONAL AND PERSONAL ACHIEVEMENTS

David Baker received the 2008 M. L. Sunde Award from the American Society for Nutrition, together with Ryan Dilger, who was a Ph.D. trainee with Dr. Baker during the period in which the research was conducted.

M. Susan Brewer received the UIUC College of ACES 2008 Faculty Award for Excellence in Teaching.

Donald Briskin was cited on the List of Teachers Ranked as Excellent for HORT 466 (Growth and Development of Horticultural Crops) and HORT 588 (Plant Biochemistry) in fall 2007.

Karen Chapman-Novakofski received the Abbott Nutrition Award in Women's Health from the American Dietetic Association in 2008. She was appointed to the Illinois Diabetes Commission by the Secretary of the Illinois Department of Health and Human Services and to the Academy of Teaching Excellence in the UIUC College of ACES in 2007.

Hong Chen and **Yuan-Xiang Pan** welcomed their new baby, Ian, into their family on June 26, 2008. Congratulations!

Robert Dantzer had 11 peer-reviewed scientific articles and 2 chapters in books published. He also presented 8 abstracts at scientific meetings.

Elvira de Mejia was cited on the List of Teachers Ranked as Excellent for FSHN 416 (Food Chemistry Laboratory) in fall 2007.



Elan and Ian Pan

James Drackley received the UIUC College of ACES 2008 Paul A. Funk Recognition Award. He also was cited on the List of Teachers Ranked as Excellent for ANSC 420 (Ruminant Nutrition) and ANSC 522 (Advanced Ruminant Nutrition) in fall 2007.

Nicki Engeseth received a 2008 Teacher Fellow Award from the North American Colleges and Teachers of Agriculture (NACTA).

John Erdman, Jr. was elected to the College of ACES Executive Committee. He also received the FSHN 2008 Outstanding Advisor/Mentor Award.

Ellen Evans was promoted to Associate Professor in August 2008. She also was cited on the List of Teachers Ranked as Excellent for KIN 452 (Clinical & Applied Exercise Physiology) in fall 2007.

George Fahey, Jr. was listed as a Highly Cited Researcher by the Institute for Scientific Information (ISI) and was named a "Research Associate" of the Memphis Zoological Park, Memphis, TN.

Thomas Graves was cited on the List of Teachers Ranked as Excellent for VCM 609 (Small Animal Internal Medicine) in fall 2007.

Kristen Harrison was named a Teaching Mentor by the UIUC Center for Teaching Excellence in fall 2007. She also was cited on the List of Teachers Ranked as Excellent for SPCM 428 (Media and the Human Body) in fall 2007.

Terry Hatch retired in December 2007.

Charles Hillman was cited on the List of Teachers Ranked as Excellent for KIN 594 (Special Topics - Physical Activity and Cognition) in fall 2007.

Kimberly Huey was cited on the List of Teachers Ranked as Excellent for KIN 494 (Special Topics - Muscle Structure and Function: Implications for Exercise) in fall 2007.

Barbara Klein was one of four leaders of the Illinois Center for Soy Foods team of 15 faculty and academic professionals, who received the C-FAR 2008 Donald A. Holt Achievement Award.

Schuyler Korban received a 2008 Teacher Fellow Award from the North American Colleges and Teachers of Agriculture (NACTA).

Manabu Nakamura received the 2008 E. L. R. Stokstad Award for fundamental research in nutrition from the American Society for Nutrition. This award is given to scientists in a relatively early stage of their career. He was recognized for his contributions to our understanding of the regulatory mechanisms of essential fatty acid metabolism.

Kelly Swanson received the 2008 Future Leader in Nutrition Award from the International Life Sciences Institute (ILSI).

Kelly Tappenden was promoted to Professor in August 2008. She also was selected as a University Scholar for 2008-2009 and elected to the College of ACES Executive Committee. In addition, she received the 2008 American Dietetics Association Excellence in Practice Award in Dietetic Research.



Manabu Nakamura and
Sharon Donovan

Jeffrey Woods was promoted to Professor in August 2008.

FACULTY NEW RESEARCH FUNDING AND RESEARCH STRIDES

M. Susan Brewer demonstrated that use of CO in MAP reduces/eliminates color change due to irradiation of fresh meat and she demonstrated the efficacy of natural antioxidants (grapeseed, rosemary, oregano) in pre-cooked frozen, heat-and-eat meat products.

Karen Chapman-Novakofski received the following two grants: "Project PEER: Peer education, Exercising and Eating Right" from the USDA and "The HOT Project: Healthy Outcomes for Teens" from the American Dietetic Association Foundation.

Robert Dantzer received a new grant entitled "Methamphetamine, HIV, neuroinflammation and behavior" 2007-2009, from the National Institute on Drug Abuse (NIDA).

Sharon Donovan, Kristen Harrison and Juhee Kim received the following grants: "The STRONG Kids Project: Cross-disciplinary investigation of media effects on childhood obesity and health within family and community contexts" (2007) from the Illinois Council on Food and Agricultural Research (C-FAR) and a Supplement to "The STRONG Kids Project: Cross-disciplinary investigation of media effects on childhood obesity and health within family and community contexts" (2008) from the Illinois Department of Human Services.

John Erdman, Jr. received a 5-year NIH grant entitled "Tomatoes, lycopene, and prostate carcinogenesis in mice", with long-time collaborator and DNS graduate, Steve Clinton, M.D., Ph.D., from the James Cancer Center at the Ohio State University.

George Fahey, Jr. obtained new grants from The Memphis Zoo, Temple-Inland Corp., Wyeth, Penford, C-FAR, ADM, Abbott Nutrition, General Mills and the USDA.

Paul Gold received a grant entitled "Protein synthesis inhibitors, neurotransmitters and memory" 2007-2009 from NIDA.

Mary Ann Lila received the following grants: "Antimalarial screens-to-nature for Africa" 2007, from the Key International Science Capacity (KISC) - the South African Government's National Research Foundation (NRF); "Impacts of climate change on health benefits of a tribal Alaskan resource: Integrating traditional ecological knowledge with risk assessment through local monitoring" Environmental Protection Agency STAR (Science-to-Achieve-Results) program. "Methods development for modeling health impacts of global climate change" 2007, from the Environmental Protection Agency (EPA) National Center for Environmental Research (NCER); "Amazonian rainforest phytopharmaceutical prospects" 2008, from the Chilean Development Agency (CORFO-INNOVA) PhytoMedics Chile; "Physicochemical analysis of wild blackberries (*Rubus* sp.) from Michoacan, Mexico, for value-added breeding potential" 2008, from the CONACYT Mexico/USA partnership; and "Field-deployable bioassays to validate traditional knowledge: Engaging tribal youth in hands-on science discovery" 2008, from the Tribal Colleges Research Grants Program USDA CSREES.

Manabu Nakamura's collaborative work with delta-6 desaturase, which the Nakamura lab created, has been expanding. Collaborators of ongoing research include Tom Brenna of Cornell University, Bruce Watkins of Purdue University and Michael Aviram of Technion, Israel.

Kelly Tappenden received the following two grants: "Stimulation of intestinal development in neonatal piglets by teduglutide" from NPS Pharmaceuticals, Inc. 2008, and "The effect of a probiotic containing infant formula on local markers of immunity, inflammation and gut health" from Nestle Nutrition, USA, 2007-2009. She also has a pending grant "Short-chain fatty acid enhanced intestinal adaptation" from the National Institutes of Health.

FACULTY INVITED TALKS 2007-2008

David Baker presented "Methionine precursor utilization" MD Nutrition Conference, Baltimore, MD and "Serendipity in science", Arkansas Nutrition Conference, Little Rock, AR in 2008.

M. Susan Brewer presented "Beef flavor. An executive summary" at the National Cattlemen's Beef Association, Centennial, CO in 2007. She also was the Session Moderator for "The use of carbon monoxide in modified atmosphere packaging of meat products - the science based facts" at the IFT Annual Meeting, New Orleans, LA in summer 2008.

Karen Chapman-Novakofski presented the following: "How sweet it is! Illinois Extension's view of translational research" University of Hawaii at Manoa in Nov 2007; "Community-based diabetes interventions" University of Guanajuato, Leon, Mexico in Apr 2008; and "The emulsion of reality and research: A thought-provoking hollandaise" Clinical Nutrition Management Symposium, American Dietetic Association, San Antonio, TX in Mar 2008.

Robert Dantzer presented the following: lecture on cytokine-induced depression, Psychoneuroimmunology Symposium, Stress07, Budapest, Hungary in Aug 2007; lecture on psychoneuroimmunology, advanced course in Neuroplasticity, Federation of the European Neuroscience Societies, Rome, Italy in Sep 2007; lecture on inflammation-associated depression, Eastern Pain Association, New York, NY in Sep 2007; lecture on inflammation-associated sickness and depression, Unilever Spark Workshop - "Vitality, Health and Psychological Well-Being: Probing the Linkages and Promoting Positive Functioning", New York, NY in Sep 2007; seminar on inflammation, sickness and depression, Dept. of Neuroscience, Loyola University, Chicago, IL in Oct 2007; presentation entitled "Inflammation, sickness and depression: When the immune system subjugates the brain", Unilever, Colworth Park, U.K. in Nov 2007; lecture on phenomenological aspects of animal behavior studies, 1st part of the Symposium on Philosophical Approaches to Animal Behavior, Paris, France in Jan 2008; seminar on inflammation, sickness and depression, Dept. of Neuroscience, University of Colorado at Boulder in Mar 2008; and presentation on inflammation, sickness and depression, American Psychosomatic Society, Baltimore, MD in Mar 2008.

Sharon Donovan presented the following: "USDA National Needs fellowships as a means to promote interdisciplinary graduate education", National Needs Fellowships and Multicultural Scholars Program Project Directors and Beneficiaries Meeting, Washington, D.C. in Oct 2007; "Enterally administered bovine colostrum extract modulates intestinal barrier function and immune gene expression in parenterally-fed neonatal piglets", 4th International Symposium on Milk Genomics and Human Health, Napa, CA in Nov 2007; "Survey of interdisciplinary nutrition graduate programs", Annual meeting of the Association of Nutrition Departments and Programs (ANDP), Purdue University, West Lafayette, IN in Nov 2007; "Inhibitory actions of human and porcine milk oligosaccharides against sialic acid-dependent and -independent rotavirus", 14th International Conference of the Society for Research on Human Milk and Lactation (ISRHML), Perth, Australia in Feb 2008; "Interdisciplinary nutrition research and graduate education at the University of Illinois" and "Enterally administered bovine colostrum extract modulates intestinal barrier function and immune gene expression in parenterally-fed neonatal piglets", University of Copenhagen, Denmark in Feb 2008; and "Genome-wide transcriptional responses of the neonatal Rhesus intestine to osteopontin" Arla Foods, Aarhus, Denmark in Feb 2008.

James Drackley gave invited talks at the 13th International Conference on Production Diseases of Farm Animals, Leipzig, Germany in July 2007 and the Nottingham Feed Conference, University of Nottingham, Sutton-Bonington, U.K. in Sep 2007. He also gave invited talks at dairy nutrition conferences in Ireland, Mexico, Italy, Texas, Georgia, Pennsylvania, New York, Colorado, New Mexico, Ohio, Wisconsin, Indiana and Iowa.

John Erdman, Jr. gave invited presentations in Thailand; Taiwan; Kyoto, Japan; Okinawa, Japan; and Berlin in the last year.

George Fahey, Jr. presented talks to faculty and staff at North Carolina State University, Raleigh, NC; the American Dietetics Association Communicators Meeting, Ft. Myers, FL; and the 2008 International Poultry Exposition Pet Food Ingredient Conference, Atlanta, GA.

Paul Gold presented the following: "Genomics of neural plasticity and memory: Is the answer in the timing?", Institute for Genomic Biology Fellows Symposium on "The Future of Biology", University of Illinois, Urbana, IL in 2007; "The many faces of amnesia", XXII Annual Congress of the Brazilian Federation of the Societies for Experimental Biology on "Neurobiology of Learning and Memory: A Symposium in Honour of Iván Antonio Izquierdo", Águas de Lindóia, São Paulo, Brazil in 2007; "Sleep deprivation and memory", Panel on "Sleep Disorders", Carle Hospital, Community Medical School, Urbana, IL in 2007; "Regulation of learning and memory by glucose: Fueling new ideas about roles of sugar in molecular and cellular biology", American Society for Neurochemistry Colloquium on "Novel roles of energy metabolites and nutrient-sensing systems in energy balance, memory, and diseases: A new perspective of functional metabolism", San Antonio, TX in 2008; "How sweet it is ... or was: Glucose, memory and aging", Advances in Sensory and Developmental Neuroscience, University of Illinois, Urbana, IL in 2008; "Aging and Memory", Osher Lifelong Learning Institute, University of Illinois, Champaign, IL in 2008; "Integrative physiology of memory formation", Southern Illinois University, Carbondale, IL in 2008; "Memory and Memories", Colloquium in honor of the retirement of Professor Phillip J. Best, Miami University, Miami, OH in 2008; and "Protein synthesis inhibitors and memory: And now, the other side of the story", Winter Memory Conference, Park City, UT in 2008.

Kristen Harrison presented the following: "The body electr(on)ic: Lessons from a decade of research on media, body image, and eating disorders", Wake Forest University, Winston-Salem, NC and "Building a program of research in media effects and health", Dept. of Communication Arts colloquium series, University of Wisconsin, Madison, WI in fall 2007.

Juhee Kim gave the following presentations: "Comparison of physical activity and TV viewing between children with and without disability", American Public Health Association Annual Meeting, Washington, D.C. in Oct 2007; "Early weaning in childcare and weight gain among US infants", The Obesity Society Annual Scientific Meeting, New Orleans, LA in Nov 2007; and "Infant child care and risk of overweight", Dept. of Food and Nutrition, Seoul National University, Seoul, Korea in June 2008.

Mary Ann Lila presented the following: "New berry species for consideration as juice ingredients", Naked Juice Advisory Board, Quaker/Gatorade/Tropicana, Barrington, IL in Aug 2007; "Blueberries as anti-diabetic functional foods", Wild Blueberry Association of North America, Bar Harbor, ME in Aug 2007; "Chemistry Associate Program/Plant Associate Program of the Central Asian Initiative", International Cooperative Biodiversity Groups, Chicago, IL in Sep 2007; "British Petroleum, Berkeley, and the U of I: The EBI initiative and why industry elects to partner with academia", Workshop on "Bioenergy's Impact on the AgriFood Sector: What Can We Learn From a Transatlantic Viewpoint?", Brussels, Belgium in Sep 2007; "Launch of the Environmental Protection Agency STAR (Science-to-Achieve-Results) project in Alaska Native Communities", Workshop on "Impacts of Climate Change on Health Benefits of a Tribal Alaskan Resource: Integrating Traditional Ecological Knowledge With Risk Assessment Through Local Monitoring", Akutan, Seldovia and Point Hope, AK in Sep and Oct 2007; "Successful sustained engagement in the global arena", ANSC 199, University of Illinois, Urbana, IL in Oct 2007; "ACES opportunities for international collaboration", Workshop, INTA @ Balcarce, Argentina in Nov 2007; "Plants, food, and human health: What works, what doesn't, and what's next", Dept. of Food, Bioprocessing, and Nutrition Science, North Carolina State University, Raleigh, NC in Nov 2007; "The Global Institute for BioExploration - focus on Africa and STN technology", GIBEX-Africa, Cape Town, South Africa and Gaborone, Botswana in Dec 2007; "Tracking the kinetics and distribution of bioactive ingested compounds", Pennington Biomedical Research Center, Baton Rouge, LA in Apr 2008; "Bioavailability of food components: Tracing the human health impacts *in situ*", World Congress on Industrial Bioprocessing and Bioengineering [BIO2008], Chicago, IL in Apr 2008; "The quest for wellness: Science sways the marketplace", NCIIA, Dar es Salaam, Tanzania in June 2008; "Wild blueberries & hypoglycemic effects", WBANA, Bar Harbor, ME in Aug 2008.

Kelly Swanson presented "Role of nutrition and obesity in orthopedic disease", 2007 American College of Veterinary Surgeons (ACVS) Veterinary Symposium: The Surgical Summit, Chicago, IL in Oct 2007.

Kelly Tappenden presented the following: "Nutritional support of gastrointestinal function and adaptation", Curso Avanzado de Nutrición Clínica-ICNSO, Panama City, Panama in Jul 2007; "PhD completion project at the University of Illinois", Council of Graduate Schools 2007 New Deans Institute and Summer Workshop, San Juan, Puerto Rico in Jul 2007; "Beyond enteral nutrition: Novel nutrients, beneficial bugs and fortifying factors", European Society for Parenteral and Enteral Nutrition Clinical Congress, Prague, Czech Republic in Sep 2007; "Bowel function in hypotension & hypoxia" and "Emerging therapies for intestinal failure", 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 in Nov 2007; "Butyrate - A trophic factor for enhancing intestinal function", The Japan & US Collaboration Conference (JUCC) in Gastroenterology, Tokyo, Japan in Nov 2007; "Pathogenesis and nutritional consequences of chronic intestinal failure", The XVII Brazilian Congress of Parenteral and Enteral Nutrition and the V Brazilian Congress of Clinical Nutrition, Florianopolis, Brazil in Nov 2007; "Colonization of gut in animal models", Session Chair of Factors Influencing Gut Microbiota, NIH Conference on Gastrointestinal Microbiota and Advances in Prebiotic and Probiotic Research, Rockville, MD in Dec 2007; "Inflammation and intestinal function", ASPEN Research Workshop, Clinical Nutrition Week, Chicago, IL in Feb 2008; "The GUT mucosal barrier. Nutritional implications. The gastrointestinal tract: Bench to bedside considerations relative to nutrition", ASPEN Symposium, Clinical Nutrition Week, Chicago, IL in Feb 2008; and "State of the art prebiotics", VII Advanced Course in Clinical Nutrition, XI The Latin American Congress of FELANPE, Cancun, Mexico in May 2008.

ALUMNI NEWS & EMAIL ADDRESSES

1971

Melvin Yokoyama, Ph.D., is a Professor, Dept. of Animal Science, Michigan State University, East Lansing, MI. He currently is working on a livestock nutrition project in Mali, West Africa, assessing forage availability and quality and agricultural crop and biofuel residues as alternative feed sources with Malian researchers. He also is involved with draft animals, especially nutrition and care of donkeys. (yokoyama@msu.edu)

1972

George Klatt, M.S., resides in Chicago, IL. (GMMK1797@aol.com)

1976

Guy Johnson, Ph.D., received the University of Illinois College of Agricultural, Consumer and Environmental Sciences Alumni Association Award of Merit in 2008. He was appointed Executive Director, McCormick Science Institute in Dec 2006 and is a member of the following Advisory Boards: California Strawberry Commission, Hershey Company Health and Wellness Advisory Board, Folgers Well-Being Advisory Council and California Raisin Marketing Board Scientific Nutrition Research Panel. (guy@nutritionsolutions.net)



1978

Steven Clinton, M.D./Ph.D., is a Professor, Div. of Hematology and Oncology, Dept. of Internal Medicine; Leader, Molecular Carcinogenesis and Chemoprevention Program, Comprehensive Cancer Center; Director, Prostate and Genitourinary Oncology, Arthur G. James Cancer Hospital and Research Institute; and Co-Director, Center for Advanced Functional Foods Research and Entrepreneurship, Ohio State University, Columbus, OH. He is very pleased to share with Dr. John Erdman, Jr. at the University of Illinois a new National Cancer Institute RO1 grant (2007-2012) and to have the privilege of continuing his interactions with the University and the students in the Nutritional Sciences program. (steven.clinton@osumc.edu)

1984

JoAnn Daehler-Miller, M.S., presented a poster at the American Dietetic Association Food & Nutrition Conference & Expo (ADA FNCE), Chicago, IL in October 2008. (jomiller@mchsi.com)

Michael Keenan, Ph.D., continues as Associate Professor, Division of Human Nutrition and Food, School of Human Ecology, Louisiana State University, Baton Rouge, LA. (mkeenan@agctr.lsu.edu)

1985

Sharon Hoerr, Ph.D., is a Professor, Dept. of Food Science and Human Nutrition, Michigan State University, East Lansing, MI. She is the Director at large of the Society for Nutrition Education. She completed a 12-month sabbatical leave in nutrition epidemiology at the Baylor College of Medicine, USDA Children's Nutrition Research Center, Houston, TX with Theresa Nicklas. Sharon lost her husband, Bill, to cancer in 2005. Her son, Chris, graduated the same year from Michigan State University in actuarial math. (hoerrs@msu.edu)

1986

Anne Smith, Ph.D., continues as Associate Professor and Director, Didactic Program in Dietetics, Dept. of Human Nutrition, Ohio State University, Columbus, OH. She is a co-author of a textbook, *Contemporary Nutrition*, 7th edition, and *Contemporary Nutrition, A Functional Approach*, both published in 2008 by McGraw-Hill. (smith.23@osu.edu)

1987

Frances Yen (Potin), Ph.D., continues as Director of Research (National Institute of Health and Medical Research, INSERM), Lipidomix: Functional Genomics of Lipid Metabolism Laboratory, University of Nancy - National Polytechnic Institute of Lorraine (INPL), Vandoeuvre-les-Nancy, France. (fyenpotin@yahoo.com)

1988

Cecilia Brown, Ph.D., is a Professor, School of Library & Information Studies, University of Oklahoma, Norman, OK. (cbrown@ou.edu)

Melissa (Hendrix) Olken, M.D./Ph.D., took a full-time position as a Hospitalist, Dept. of Internal Medicine, Borgess Medical Center, Kalamazoo, MI in December 2007. She also provides medical bariatric services for patients in both the outpatient and inpatient settings. She cares for patients pre- and post-bariatric surgery. Her oldest son, Alex, graduated from high school and will be pursuing a career in the recording industry. Her youngest, Charlie, is a budding actor and will be a junior in high school this year. (melissaolken@gmail.com)

Melanie Shuran, Ph.D., is a Professor, Dept. of Nutrition and was promoted in July 2007 to Associate Vice President, Learning Resources, Rosalind Franklin University of Medicine and Science, North Chicago, IL from her position as Chief Information Officer, a position she held from March 2005. (Melanie.shuran@rosalindfranklin.edu)

1989

Denise King, Ph.D., is a Clinical Program Leader, Department of Uterine Health, American Medical Systems, Inc., Minnetonka, MN. (Denise.King@ammd.com)

1990

Samuel Ejadi, M.S., continues as an Oncologist at the Mayo Clinic, Scottsdale, AZ, where his interests include diet and cancer, as well as the use of high-dose selenium as a preventative agent against recurrence of prostate cancer. (sejadi@aim.com)

Keith Garleb, Ph.D., was promoted to Director, Pediatric Nutrition R & D, Abbott Laboratories, Abbott Nutrition, Inc., Columbus, OH. (keith.garleb@abbott.com)

1991

Karen (Dotson) Wisont, M.S., is Head of Medical Writing, ZymoGenetics, Inc., Seattle, WA. She was accepted into the MBA program at the Foster School of Business, University of Washington and began the program in fall 2008. (kdwisont@whidbey.net)

1993

Alexandra Adams, M.D./Ph.D., was promoted to Associate Professor with tenure, Dept. of Family Medicine, University of Wisconsin, Madison, WI in February 2008. She was appointed to the Wisconsin Legislative Council, Special Committee on Disease Management in June 2008 and to the Governor's Council on Physical Fitness and Health 2003-present. (alex.adams@fammed.wisc.edu)

Theo van Kempen, Ph.D., is working as Director of Research and Innovation - Swine, Provimi Research and Innovation Centre, St. Stevens-Woluwe, Belgium. He also still is Adjunct Professor, Dept. of Animal Sciences, North Carolina State University, Raleigh, NC. (theovankempen@yahoo.com)

1994

Sean Adams, Ph.D., works as a Research Physiologist, USDA, Agricultural Research Service (ARS), Western Human Nutrition Research Center (WHNRC) and an Adjunct Assistant Professor, Dept. of Nutrition, University of California, Davis, CA. He serves on the Editorial Board of the *Journal of Nutrition*, and is a Grant Review Panelist for the American Diabetes Association as well as the Chair-elect of the American Society for Nutrition Energy and Macronutrient Metabolism Research Interest Group. He was selected as the Research Leader for the newly-formed Obesity and Metabolism Research Unit, WHNRC and received the 2007 USDA-ARS Davis Location Scientist of the Year Award. (sean.h.adams@ars.usda.gov)

Minnie Holmes-McNary, Ph.D., continues as Associate Professor of Cancer Biology, Dept. of Biology, North Carolina Agricultural and Technical State University, Greensboro, NC. She was inducted into The Honor Society of Phi Kappa Phi of the nation in March 2008 and was recognized for scholarly distinction and academic excellence. (mhmcnary@ncat.edu)

Christopher Poor, M.D./Ph.D., continues as an Emergency Physician, Murray-Calloway County Hospital, KY. He still is happily married to Bridget and they have 4 kids: Katelyn (16), Sabry (13), Savannah (10) and Samuel (8). They adopted Samuel from Nepal 5 years ago, and are awaiting word from China on adopting another daughter. (chris_poor@hotmail.com)

1995

Carrie Earthman, M.S., received the 2008 Distinguished Teaching Award for Non-Tenured Faculty, College of Food, Agricultural and Natural Resource Sciences, University of Minnesota and the 2007 Award for Excellence in the Practice of Dietetics Research, American Dietetic Association. (cearthma@umn.edu)

Heather (Muir) Spanbauer, M.S., and her husband, Jeffrey, have 3 children, Stewart (11), Calvin (10) and Jocelyn (6). (hspanbauer@gmail.com)

1996

Kavita Patel, M.S., helped start a medical practice from scratch and now is the Office Manager at Westside Internal Medicine, Spartanburg, SC. She is an active member of the South Carolina Health Managers Association (SCHMA). (kpp93prp@charter.net)

1997

Jason Emmert, Ph.D., became Assistant Dean for Academic Programs, College of ACES, University of Illinois, Urbana, IL in August 2008. He and his family are excited to begin the next chapter of their lives and are grateful to have the opportunity to return to the University of Illinois. (jemmert@illinois.edu)

Deborah Sullivan, Ph.D., is Chair and Associate Professor, Dept. of Dietetics and Nutrition, University of Kansas Medical Center, Kansas City, KS. (dsulliva@kumc.edu)

1998

Joshua Anthony, M.S., is Director, Global Discovery, Mead Johnson Nutritionals, Evansville, IN. (joshua.anthony@bms.com)

Tia Rains, Ph.D., works as Director, Medical Writing and Principal Scientist, Provident Clinical Research & Consulting, Inc., Glen Ellyn, IL. (saltt@ameritech.net)

1999

Joshua Bomser, Ph.D., is an Associate Professor, Dept. of Human Nutrition, Ohio State University, Columbus, OH. (bomser.1@osu.edu)

2000

Elizabeth Flickinger, Ph.D., is a Senior Scientist, Upstream Research and Development, The Iams Co., Procter & Gamble Pet Care, Lewisburg, OH. She is a member of the American Society for Nutrition, American Society of Animal Science, Obesity Society and the American Dietetic Association. (flickinger.ea@pg.com)

2000

Deshanie (Ganessunker) Rai, Ph.D., was promoted to Senior Principal Scientist, Global Scientific Affairs, Mead Johnson Nutritionals, Bristol-Myers Squibb, Evansville, IN in Jan 2008 to provide expertise in protein nutrition and immunology. She represented the infant nutrition industry at a recent International Life Sciences Institute (ILSI) workshop in Washington, D.C. to talk on "What drives the infant nutrition industry to do research?" She is an active member of the Evansville Leadership Community program and Chair of the Communications Team within the Women's Affinity Network program at Mead Johnson. (deshanie.rai@bms.com)

2001

Chu Won Nho, Ph.D., continues as Senior Research Scientist, Natural Products Research Center, Korea Institute of Science and Technology (KIST) Gangneung Institute, Gangneung, Korea. (cwnho@kist.re.kr)

Carl Sather, M.S., is a Resident Physician, Internal Medicine/Pediatrics, Indiana University School of Medicine, Indianapolis, IN. He is an intermittent participant on the Nutrition Support Team at the Riley Hospital for Children. He made a compilation of Nutritional Recommendations for Transitions Population at the Clinic for Youths and Adults with Conditions of Childhood, Wishard Health Services/IU Medical Group. He is actively establishing Generalist/Specialist Physician Clinical Nutrition Fellowship program at IU School of Medicine/IUPUI for certification through American Society of Parenteral and Enteral Nutrition/National Board of Nutrition Support Certification (ASPEN/NBNSC) or Intersociety Professional Nutrition Education Consortium/American Board of Physician Nutrition Specialists (IPNEC/ABPNS). (csather@illinoisalumni.org)

2002

Sara Painter, M.S., continues to work as a Dietitian, Division of Clinical Quality, Crusader Clinic, Rockford, IL. She is Chair, Northern Illinois Diabetes Coalition (NIDC) Outreach Committee and Advisor to Rock River Valley Food Pantry. She also continues teaching weight management classes at the YMCA. Sara passed the Certified Diabetes Educator (CDE) exam in October 2007. Her daughter, Megan, will be 5 in December and her son, Adam, will be 3 in April. The third (and final) baby is due in March 2009. (spainter@crusaderclinic.org)

Harn Shiue, M.S., graduated *summa cum laude* and was Class Valedictorian from the University of Illinois College of Pharmacy, Chicago in May 2008. He also received the Robert I. Zeman, Sr. Memorial Scholarship. He is working as a Clinical Pharmacist, University of Alabama at Birmingham Medical Center. Harn became engaged this year. (shiue76@gmail.com)

Lisa Tussing-Humphreys, M.S., continues as a doctoral candidate in the Dept. of Kinesiology and Nutrition, University of Illinois, Chicago. (ltussing@uic.edu)

2003

Cassandra Delgado-Reyes, Ph.D., currently serves as course coordinator and instructor for courses offered through the Texas Interdisciplinary Program, including: Critical Thinking Signature Course, Research Methods Version of Critical Thinking, Getting Ready for Advanced Degrees, and the Spring Scholastic Seminar. These courses serve over 400 students each academic year. (Dr.D-R@mail.utexas.edu)

2004

Brian Berg, Ph.D., continues as Senior Research Scientist, Wyeth Pharmaceuticals, Inc., Collegeville, PA. He celebrated his daughter, Kaitlyn's, second birthday on February 24th and welcomed his second child, Abigail, to his family on March 20th. (dr.brianberg@gmail.com)



An-Chian Chen, Ph.D., started a new position as Adjunct Instructor, Delaware Technical and Community College, Stanton, DE. An and husband Jason welcomed their baby boy, Avery, born on August 1, 2008. (acchen7@yahoo.com)

Kenya Thomas, M.S., was a participant in the Summer Prematriculation Program and now is a student in the Urban Health Program, College of Medicine, University of Illinois, Chicago. (krthoma1@illinoisalumni.org)

2005

Alejandra Gratson, Ph.D., started a new position as R&D Scientist, Wyeth Consumer Healthcare, Richmond, VA in fall 2007. (agratson@gmail.com)

Karen Ochonicky, M.S., completed her Doctor of Veterinary Medicine degree from the University of Illinois, Urbana in May 2008. She now is an Associate Senior Scientist, Elanco Animal Health, Eli Lilly and Company, Greenfield, IN. (kochonicky@gmail.com)

Lilly Sueiro, M.S., continues as Territory Business Manager, Mead Johnson Nutritionals, Bristol-Myers Squibb, Puerto Rico. She received the Special Achievement Distinction Award from Mead Johnson Nutritionals in January 2008. (lillyan6@gmail.com)

Susan Zaripheh, Ph.D., was promoted to Director of Nutrition Research, Dairy Management, Inc., Rosemont, IL. (szaripheh@yahoo.com)

2006

Jessica Campbell, Ph.D., is Senior Nutrition Scientist, Bell Institute of Health and Nutrition, General Mills, Inc., Minneapolis, MN. (Jessica.K.Campbell@gmail.com)

2006

Jessica Hartke, Ph.D., is a Visiting Research Associate, Dept. of Animal Sciences, University of Illinois, Urbana, IL. She had the following publication: Herrejon K, **Hartke JL**, Scherer J, Chapman-Novakofski K. The creation and impact evaluation of Your Guide to Diet and Diabetes, an interactive web-based diabetes tutorial. *Diabetes Technol Ther* 2009; in press. (jessh@illinois.edu)

Keng-I Lin, M.S., is a Dietetic Intern, Dept. of Kinesiology and Nutrition, University of Illinois, Chicago, IL. She is a Chicago Training Center Community Rowing Team Nutrition Instructor and MGR Foundation Team M3 program mentor. She ran the Chicago Half Marathon and the Chicago Marathon in 2008. (lin.kengi@gmail.com)

Amanda (Bergschneider) Newell, M.S., completed her dietetic internship at Order of St. Francis Medical Center, Peoria, IL and began a new position as Assistant Professor, Bradley University, Peoria, IL. (newell.amanda@gmail.com)

2007

Aline Andres, Ph.D., completed a Postdoctoral Fellow position, Dept. of Physiology, Arkansas Children's Nutrition Center, Little Rock, AR. She was recently appointed as an Assistant Professor, Dept. of Pediatrics, University of Arkansas for the Medical Sciences, Little Rock. (andresaline@yahoo.com)

Marcela Cortes Ramirez, Ph.D., is a Postdoctoral Fellow, Division of Drug Development, Dept. of Translational Research, Nevada Cancer Institute, Las Vegas, NV. (marcelacortes0@gmail.com)

Suzanne Devkota, M.S., is a doctoral candidate in the Molecular Metabolism and Nutrition Program, University of Chicago, IL. (devkota@uchicago.edu)

Kristy Powell, M.S., is working as a Clinical Dietitian, Carle Hospital, Urbana, IL. (kspowell@gmail.com)

N. Adam Reppert, M.S., became a Registered Dietitian in November 2007 and is working as a Clinical Dietitian, Swedish Covenant Hospital, Chicago, IL. He also earned a Certificate of Training in Childhood and Adolescent Weight Management in Apr 2008. Adam presented "The effect of length of cold storage on secondary plant compounds in browse for captive black rhinoceros (*Diceros bicornis*)", 2007 American Association of Zoo Veterinarians/American Association of Wildlife Veterinarians/Nutrition Advisory Group (AAZV/AAWV/NAG) Annual Conference, Knoxville, TN in Oct 2007. He published the following two papers: **Reppert A**, Steiner B, Chapman-Novakofski K. Prevalence of metabolic syndrome and associated risk factors in Illinois. *Am J Health Promo* 2008; 23; and **Reppert A**, Yousef GG, Rogers RB, Lila MA. Isolation of radiolabeled isoflavones from kudzu (*Pueraria lobata*) root cultures. *J Ag Food Chem* 2008;56:7860-7865. (reppert@illinoisalumni.org)

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