

# NUTRITIONAL SCIENCES NEWS

DIVISION OF NUTRITIONAL SCIENCES • UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN  
Vol 15, Fall 2002

## NOTE FROM THE DIRECTOR:

Another year has flown by for the Division of Nutritional Sciences. This year has been very successful on a number of fronts, however, my satisfaction with the significant accomplishments achieved this year is tempered by the loss of a dear friend and colleague, Peter Reeds (*see tribute on pages 24-25*). This year has also been a challenge budgetarily. The University of Illinois, like many others around the country, is experiencing significant budget cuts. Without the continued financial support of 4 colleges (ACES, Applied Life Studies, Medicine and Veterinary Medicine) and the support provided by our Endowment Fund, we would be unable to maintain the high quality of our program.

One of the key accomplishments in the past year was the establishment of the \$1 M *Kraft Foods Human Nutrition Endowment Fund*, which will support graduate fellowships, a professorship, undergraduate scholarships and programs of the Division (*see page 4 for additional information*). We thank Kraft for their incredible generosity and acknowledge the assistance of our alumna, Tia Rains, in helping us to obtain this permanent source of support. The Nutritional Sciences Endowment Fund is now at

~\$105,000. A list of donors to date is included on *page 5*. As part of the initiative, we have established two new endowed annual graduate student awards to recognize the achievements of our students and the significant contributions of two of our esteemed faculty. The *David H. Baker Nutrition Scholar Award* will recognize excellence in research and the *James L. Robinson Nutrition Impact Award* will recognize contributions that promote and enhance the Division and/or nutrition on campus.

“Introductory Primer on Oxidative Stress: Oxidants and Antioxidants”

Other major accomplishments include the receipt of two 5-year training grants, one from the NIH and one from the USDA National Needs program. These two training grants total over \$1.2 M and will provide a total of 8 predoctoral fellowships and 2 postdoctoral fellowships. These fellowships will allow us to recruit the top students from across the country.

The program continues to grow in terms of student and faculty numbers. Between January - December 2002, 11 new students joined the Division (*see page 6*). These students bring to the Division a diversity of backgrounds and experience; 50% have previous degrees outside of nutrition. This was the first class of applicants to participate in our Recruiting Week-end, which was held March 7-10, 2002. The week-end was very successful and will become an annual part of our recruitment efforts. To further enhance our recruitment efforts, we developed a new Recruiting Brochure for the Division in 2002. The new brochure is very professional and describes the programs of the Division from the perspective of the students and alumni. Please let us know if you would like to receive a copy. Seven new faculty representing 6 different departments in 5 colleges became members of the Division in 2002 (*see pages 15-17*). Our graduates and alumni continue to make us proud. Placement of the 2002 graduates is featured on *page 7*. We now have on our web site placement information for all alumni since 1969! Please check your information at [www.nutrsci.uiuc.edu/graduatestudentsalumni.html](http://www.nutrsci.uiuc.edu/graduatestudentsalumni.html) and let us know if we need to update your current position or if you would prefer to not have your information listed. Just click on “Contact Us” to send us your new information.

In closing, I would like to acknowledge the wonderful assistance provided all year long by Linda Barentin. I am not sure what the Division would do without her. This year, in addition to all of her other duties, Linda has edited the Newsletter. We would like to thank Keri Kles, 2001 NSN Editor, for helping to teach Linda and I how to use Pagemaker!



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

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The External Advisory Committee (EAC) for the Division of Nutritional Sciences consists of leaders in industry and academia. The role of this committee is to assist the Division in our quest to continually improve the quality of our program. The primary interaction with the EAC takes place in September during our annual meeting on the Urbana campus, however, the Director updates the EAC throughout the year and solicits their advise on a number of topics. Recently, the EAC has contributed to the Strategic Plan for the Division.

Dr. Pamela A. Anderson  
Director  
Medical and Regulatory Affairs  
Ross Products Division  
Abbott Laboratories  
Columbus, OH

Dr. Gilbert A. Leveille  
World-Wide Vice President for  
Scientific & Regulatory Affairs  
McNeil Consumer Healthcare  
Fort Washington, PA

Dr. Robert A. Burns  
Director, Discovery  
Mead Johnson Nutritionals  
Evansville, IN

Dr. Eric L. Lien  
Director, Nutritional Research  
Wyeth-Ayerst Laboratories  
Philadelphia, PA

Dr. Gail L. Czarnecki-Maulden  
Senior Research Nutritionist  
Friskies Research & Development  
St. Joseph, MO

Dr. Alfred H. Merrill, Jr.  
Professor of Biochemistry  
Department of Biochemistry  
Emory University School of Medicine  
Atlanta, GA

Dr. Mark L. Failla  
Chair and Professor  
Department of Human Nutrition  
Ohio State University  
Columbus, OH

Dr. Doyle H. Waggle  
Senior Vice President of Technology  
Protein Technologies International  
St. Louis, MO  
*Alternate: Dr. Charles Kolar*

Dr. John W. Finley  
Kraft Research Fellow  
Kraft Foods  
Glenview, IL

Dr. Connie M. Weaver  
Professor and Head  
Dept of Foods & Nutrition  
Purdue University  
West Lafayette, IN

Dr. Barbara A. Kochanowski  
Associate Director, Oral and  
Personal Health Care  
Healthcare Research Center  
Procter & Gamble Co.  
Mason, OH

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



## **Kraft Foods Human Nutrition Endowment**

Excerpts from a letter from John Ruff,  
Senior Vice President  
Research & Development and Quality  
Kraft Foods North America

Kraft Foods is proud to establish the Kraft Foods Human Nutrition Endowment at the University of Illinois' Division of Nutritional Sciences. At Kraft Foods we strive to be recognized as the Undisputed Leader in the food industry as recognized by consumers, customers, employees, suppliers, investors, and the communities in which we operate. Consistent with our vision of undisputed leadership, we constantly seek opportunities to further the scientific underpinnings of our products, and human nutrition is a large part of that science. We believe the Kraft Foods Human Nutrition Endowment will help to advance that science by opening new areas of human nutrition research, supporting graduate and undergraduate students in human nutrition programs, aiding the Division of Nutritional Sciences to attract and retain the best faculty and students, and fostering efforts to improve diversity of under-represented minority students.

We are excited by this opportunity to further advance our relationship with the University of Illinois through the Kraft Foods Human Nutrition Endowment, and are

**The endowment will support:  
One Professorship  
Two Graduate Fellowships  
Undergraduate Scholarships  
Programs of the Division**



Carol Moroz, David Chicoine, UIUC Vice President, Russ Moroz, Sr. Director-Kraft R&D



John Ruff, Kraft Senior Vice President and Robert Easter, Dean, College of ACES



Louise Rogers [UIUC Development], Jim Robinson, Sharon Donovan, Tia Rains (Ph.D. 1998) and spouse Stephen Vivian.

# Nutritional Sciences Endowment Contributors

## \$105,000 as of December 2002

- David M. Albin
- Lee Alekel
- Clinton Allred
- David Anderson
- Josh Anthony
- Tracy Gautsch Anthony
- Seiji Aoyagi
- David H. Baker
- Anne Bartholome
- Laura Bauer
- Jamie I. Baum
- Dale E. Bauman
- Brian Berg
- Lee Beverly
- Audra H. Boehne
- Richard A. Boileau
- John Boomgaardt
- Mariana Bosco
- Leslie Bourquin
- Margaret Brickey
- Henry P. Broquist
- James L. Burns
- Robert A. Burns
- Eleanor W. Cage
- June A. Campos
- George R. Carlisle
- Karen Chapman-Novakofski
- Daniel G. Chausow
- Tracy Tasker Chivari
- Byung H. (Simon) Cho
- Jimmy Clark
- Steven K. Clinton
- Jeff Cohen
- Paul S. Cooke
- Nancy Correa-Matos
- Gary L. Cromwell
- Gail L. Czarnecki-Maulden
- LaVerne Debatin (Debatin Farms)
- Cassandra Delgado-Reyes
- Denise M. Deming
- Sharon M. Donovan
- James K. Drackley
- Harold H. Draper
- Robert A. Easter
- John W. Erdman, Jr.
- George C. Fahey, Jr.
- Elizabeth Fippen
- Alice D. Fly
- Richard M. Forbes
- Gregory G. Freund
- Timothy A. Garrow
- Alejandra A. Gratson
- Mary L. H. Grieser
- Paul Griminger
- Kristin A. Gustashaw
- Yanming Han
- Julie Hansen-Burns
- Kenneth E. Harshbarger
- Jessica L. Hartke
- Clare M. Hasler
- Terry F. Hatch
- Weisong He
- Alice F. Hilker
- Li Li Ji
- Guy H. Johnson
- Race L. Kao
- Keith W. Kelley
- Bernice M. Kirkus
- Keri Kles
- Barbara A. Kochanowski
- Bruce L. Larson
- Donald K. Layman
- Henry K. Leung
- Gilbert A. Leveille
- Alfred H. Merrill
- Mary K. Mihelich
- Catherine M. Miller
- David Miller
- Laura A. (Milo) Czerkies
- Sorab P. Mistry
- Peggy E. Moran
- Carol & Wayne Muskievicz
- Manabu T. Nakamura
- Robert Nesheim
- Toshiro Nishida
- Deborah L. O'Connor
- David G. Osadjan
- Sara Painter
- Mulchand S. Patel
- Helen R. Pelletier
- Catherine Peterson
- James E. Pettigrew
- Mary Frances Picciano
- Kenneth Poirier
- Alice Jo Rainville
- Peter Reeds
- Kelly Robbins
- James L. Robinson
- Harn Shiue
- Melanie Shuran
- Arthur J. Siedler
- Carl A. Sather
- Lawrence B. Schook
- Jack Shannon
- Marcia Monaco Siegel
- Keith Singletary
- James L. Smith
- Rodney M. Stoll
- Kelly S. Swanson
- Kelly A. Tappenden
- Richard and Sadie Taylor
- Albert J. Ticken
- An-Yue Tu
- Lisa Tussing
- Diana Y. Tzeng
- Willard Visek
- Mary S. Waggoner
- Matthew Wallig
- Brian C. Wansink
- Connie M. Weaver
- Karen J. Wedekind
- Neil R. Widlak
- Jong-Tseng Yen
- Xiangfeng Zhang

### NS Graduate Student Association

### Corporate Contributions & Matches

- Aventis Animal Nutrition Inc.
- BioKyowa Inc.
- Bristol-Myers Squibb Fdn
- Degussa Corporation
- ExSeed Genetics, L.L.C. (BASF)
- Harland E. Moore Heart Fdn
- Heritage Technologies
- IMC Global
- International Ingredient Corp.
- Johnson & Johnson
- Kellogg's
- Nutrition 101 Inc.
- Pepsico Foundation
- Philip Morris Company
- Procter & Gamble Fund
- Ross Products Division, Abbott Labs
- SmithKline Beecham
- Southeastern Minerals Inc.
- United Feeds Inc.
- Wyeth-Ayerst Nutrition International
- Zinpro Corporation

# WELCOME NEW GRADUATE STUDENTS

## Spring 2002



**Back row:** Karen Plawecki, Ed Jacobson,  
Cheryl Dikeman, Lauren Petr

**Front row:** Pascasie Adedze, Jennifer Seyler,  
Ren Stephen, Kenya Thomas

**Pascasie Adedze**, Ph.D. candidate, B.S. in Food Science and Technology, University Cheikh Anta Diop Dakar, India, 1992; M.P.H. in Public Health Nutrition, University of California, Los Angeles, 1997. *Advised by Sharon Donovan and Robin Orr.*

**Segametsi Maruapula**, Ph.D. candidate, B.S. in Dietetics, University of Maryland, 1984; M.S. in Human Nutrition, Pennsylvania State University, 1994. *Advised by Karen Chapman-Novakofski.*

**Karen Plawecki**, Ph.D. candidate, B.S. in Dietetics, Purdue University, 1986; M.S. in Nutrition, Purdue University, 1991. *Advised by Karen Chapman-Novakofski.*

**Jennifer Seyler**, M.S. candidate, B.S. in Biology/Pre-med, Augustana College, Rock Island, IL, 2001. *Advised by Donald Layman.*

## Summer 2002

**Kirstie Canene**, M.S. candidate, B.S. in Human Nutrition, UIUC, 2002. *Advised by John Erdman.*

**Amy Watgen**, M.S. candidate, B.S. in Exercise Science & Sport, Millikin University, Decatur, IL, 2002. *Advised by James Painter.*

## Fall 2002

**Edward Jacobson**, M.S. candidate, B.S. in Psychology, SUNY Binghamton, New York, 1999. *Advised by Donald Layman.*

**Emily (Lauren) Petr**, M.S. candidate, B.S. in Food & Nutrition, Carson-Newman College, Jefferson City, TN, 2002. *Advised by John Erdman.*

**Renu Stephen**, M.S. candidate, B.S. in Microbiology, UIUC, 2001. *Advised by Kelly Tappenden.*

**Kenya Thomas**, Non-thesis M.S. candidate, B.S. in Food Science & Human Nutrition, UIUC, 2002. *Advised by Sharon Donovan.*

**Cheryl Dikeman**, Ph.D. candidate, B.S. in Nutrition/Dietetics, University of New Mexico, 1997; M.S. in Animal Science, Iowa State University, 2002. *Advised by George Fahey.*

## August 2001

**Matthew Gardner**, M.S. Advisor: Sharon Donovan. Current Position: M.D. candidate, Southern Illinois University, Carbondale, Illinois.

**Kristin (Reardon) Gustashaw**, M.S. Advisor: Kelly Tappenden. Current Position: Clinical Dietitian at Rush Presbyterian-St. Luke's Medical Center, Chicago, Illinois.

## October 2001

**Anna Keck**, Ph.D. Advisor: Elizabeth Jeffery. Current Position: Postdoctoral Fellow, USDA Research Lab, Grand Forks, North Dakota.

**Anne Kurilich**, Ph.D. Advisor: Barbara Klein. Current Position: Postdoctoral Research Physiologist, USDA Beltsville Human Nutrition Research Center, Beltsville, Maryland.

**Chu Won Nho**, Ph.D. Advisor: Elizabeth Jeffery. Current Position: Postdoctoral Fellow, University of Pennsylvania, Philadelphia.

## December 2001

**Denise Deming**, Ph.D. Advisor: John Erdman. Current Position: Associate Scientific Leader, Human Nutrition Research, Roche Vitamins Inc, Parsippany, New Jersey.

**Carl Sather**, M.S. Advisor: Donald Layman. Current Position: M.D. candidate, University of Illinois.

**Sandra Teixeira**, Ph.D. Advisor: John Erdman. Current Position: Postdoctoral Research Associate, Hoffman-LaRoche, Basal, Switzerland. Sandra has recently been promoted to Laboratory Leader.

## May 2002

**Christine Atkinson**, M.S. Advisor: John Erdman. Current Position: Doctoral candidate in Nutritional Sciences, UIUC, Urbana, Illinois.

**Bart Deplancke**, Ph.D. Advisor: H. Rex Gaskins. Current Position: Postdoctoral Fellow, Dana Farber Cancer Research Center, Harvard University, Boston, Massachusetts.

**Harn Shiue**, M.S. Advisor: Donald Layman. Current Position: Research Technician, Department of Pathology, University of Chicago Medical Center, Chicago, Illinois.

**Kelly Swanson**, Ph.D. Advisor: George Fahey. Current Position: Postdoctoral Fellow, Department of Animal Sciences, University of Illinois, Urbana, Illinois.

## 2001-2002 FELLOWSHIP RECIPIENTS

### *JBT Fellowship*

Anne Bartholome  
Jessica Hartke  
Suzanne Pelletier  
Kelly Swanson  
Rebecca Wheatley

### *University Fellowship*

Clint Allred  
An Chen  
Cassandra Delgado-Reyes  
Weisong He  
Lisa Tussing

### *Graduate College Dissertation Completion Fellowship*

Bart Deplancke

### *Praxis Fellowship*

Sandra Teixeira



Sharon Donovan, Jessica Hartke, Suzanne Pelletier,  
Rebecca Wheatley and Anne Bartholome

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## 2001-2002 MARGIN OF EXCELLENCE AWARDS

### *Fall 2001 Travel Awards*

Jamie Baum  
An Chen  
Nancy Correa-Matos  
Weisong He  
Kajorn Kitiphongspattana  
Justine Olsen  
Lisa Tussing  
Susan Zaripheh

### *Spring 2002 Travel Awards*

Dave Albin  
Anne Bartholome  
Cassandra Delgado-Reyes  
Jill Gorski  
Alejandra Gratson  
Keri Kles  
Kelly Swanson

### *2002 Research Awards*

Dave Albin  
Anne Bartholome  
Jamie Baum  
YeWon Cheon  
Coryn Commare  
Keri Kles  
Jennifer Seyler  
Susan Zaripheh



**Dave Albin** was inducted into Gamma Sigma Delta, Agriculture Honor Society; He presented a poster at Digestive Disease Week, American Gastroenterological Association, San Francisco, CA. In addition, he published in the Journal of Animal Sciences 80:429-439: van Kempen, T.A.T.G., I.B. Kim, A.J.M. Jansman, M.W.A. Verstegen, J.D. Hancock, D.J. Lee, V. M. Gabert, **D.M. Albin**, G.C. Fahey, Jr., C.M. Grieshop and D. Mahan. 2002. Regional and processor variation in the ileal digestible amino acid content of soybean meals measured in growing swine.

**Christine Atkinson** completed her Masters thesis in May; Chris and husband, Mike, and daughter, Ellie, welcomed Samuel Justus Atkinson on Sunday, May 12.

**Jamie Baum** was listed on the "Incomplete List of Teachers Ranked as Excellent by their Students" as a Discussion Section Leader for FSHN 220 during the 2002 Spring semester.

**Brian Berg** serves as the NSGSA Treasurer; He received the 2002 Graduate Student Award in Vitamin Research offered by the Chicago Section, Institute of Food Technologists; He announced his engagement to Trisha Toepfer (graduate student in Animal Sciences) and they are planning a 2003 June wedding.

**Kirstie Canene** announced her engagement to David C. Adams, graduate student at UIUC in Mechanical Engineering.

**Coryn Commare** is a member of the American Dietetic Association.

**Cassandra Delgado-Reyes** is a member of the NSGSA, American Society for Nutritional Sciences (ASNS) and SINR (Society for International Nutrition Research); She successfully completed her Preliminary Examination on April 25, 2002.

**Alejandra Gratson** serves as the NSGSA Chair (Summer 2002 - Summer 2003); She attended the FASEB Summer Conference: Folate and One-carbon Metabolism; She was listed on the "Incomplete List of Teachers Ranked as Excellent by their Students" as a TA for FSHN 327 during the 2002 Spring semester.

**Keri Kles** presented "Formula-Feeding Decreases Intestinal Hexose Transporters in Newborn Piglets" at Digestive Disease Week, San Francisco, CA. In addition, she published in the Journal of Parenteral and Enteral Nutrition 26:71-6: **Kles, K.A.**, J.R. Turner and K.A. Tappenden. 2001. Harry M. Vars Research Award. Enteral nutrients alter enterocyte function within an in vitro model similar to an acute in vivo rat model during hypoxia; and in the American Journal of Physiological Gastrointestinal Liver Physiology 283:G1336-42: **Kles, K.A.** and K.A. Tappenden. 2002. Hypoxia differentially regulates nutrient transport in rat jejunum regardless of luminal nutrient present.

**Justine Olsen** gave an oral presentation entitled "Impact of a Diabetes Education Program" at the 2002 Experimental Biology meeting in New Orleans.

**Lisa Tussing** is a member of the Society for Nutrition Education and the American Dietetics Association; She gave oral presentations at the Society for Nutrition Education and the Experimental Biology meetings; Upon completing her M.S., she accepted a position at the Rehabilitation Institute of Chicago as a Research/Pediatric Dietitian in Fall 2002.

**An Chen and Weisong He (see below):** Competed in the ASNS Procter and Gamble Graduate Student Research Abstract Awards Competition at the 2002 Experimental Biology meeting. They were joined by Jeffery Escobar and Steve Jackson, two other UIUC graduate students.



From left: Steve Jackson, Food Science & Human Nutrition, 3rd - 5th from left, Jeff Escobar, Animal Sciences, An Chen and Weisong He

## How have you created your own professional/career network?

**Brian Berg:** Attending national and specialized meetings. Being open to “mingling” at social events and asking questions of others.

**Coryn Commare:** I really have not developed my own, however, I have met and networked with other individuals through my advisor.

**Keri Kles:** I think that talking to people at national meetings and gatherings helps to create a network. Also, following up with these same individuals in some form of communication is useful. There are also possibilities where you can sign up for mentor/mentee positions to assist and guide you through the process of graduate school.

## NUTRITIONAL SCIENCES FACULTY AWARD



On October 9, 2002, the Nutritional Sciences Graduate Student Association presented Dr. Manabu Nakamura with the 2002 NS Faculty Award. Faculty members are nominated by students based on the degree of involvement in student affairs and the Division. Dr. Nakamura indicated that this award is a great honor and encouragement to him. He appreciates the outstanding activities of the NSGSA including the Nutrition Symposium, faculty award, T-shirt design, and other social events. These activities greatly contribute to building a friendly, collaborative community, and thus enhance the overall quality of education here at UIUC. Among three nutrition graduate programs he knows of, no other student association comes close to ours in quality.

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

# NUTRITIONAL SCIENCES GRADUATE STUDENT ASSOCIATION NEWS

## 2002 Officers

Chair:	Alejandra Gratson	Co-Chair:	Jessica Hartke
Treasurer:	Jill Gorski	Co-Treasurer:	Ren Stephen
Secretary:	Cheryl Dikeman	WebMaster:	An Chen
Executive Committee Representative:	Jamie Baum		

### PUMPKIN CARVING - NOVEMBER 2001



Ye Won Cheon, Taka Nara and Weisong He

### END OF SEMESTER PARTY, JUPITER'S PIZZA AND POOL - DECEMBER 2001



Keri Kles, Brian Berg, Greg Gratson, Alejandra Gratson, Susan Zaripheh and Nate Matusheski



Jill Gorski, Jamie Baum, Jennifer Seyler and Jessica Hartke

### QUIZ BOWL - FEBRUARY 2002



#### Team Wallig

Weisong He, Kristin Stewart, Chris Wharton, Dr. Wallig and Nancy Correa-Matos



#### Team Reeds

Brian Berg, Marian Eberhardt, Dr. Reeds, Lisa Tussing and Keri Kles



#### Team Nakamura

Catherine Miller, Alejandra Gratson, Radha Bheemreddy, Veronita Rusli and Dr. Nakamura



#### Team Jeffery

Justine Olsen, Jamie Baum, Jill Gorski, Dr. Jeffery and Susan Zaripheh

# HOLIDAY PARTY - DECEMBER 5, 2002



Angel Delgado-Reyes  
and Justine Olsen



Marian Eberhardt, Chris Wharton,  
Lauren Petr, Carmen Castro



Sharon Donovan  
and son, Ian Wallace



John Karduck and Cassandra  
Delgado-Reyes



Alejandra and Greg Gratson,  
Nate Matusheski, Kristin Stewart



Don and Tory Wallace



Ted and Jessica Hartke  
Jill Gorski



Madeline  
Nadrozny  
(Mom: Kelly  
Tappenden)



Bountiful Blessings!

# NUTRITION SYMPOSIUM 2002

## *About the Nutritional Sciences Symposium*

Each year the NSGSA organizes a day for students to present their research in the area of nutritional sciences that includes student competition in poster and oral presentations. This is a fun and valuable opportunity for students to present their research to peers and faculty while practicing for presentations at national meetings. Winners of the poster and oral competitions win cash prizes. The symposium featured keynote speaker: Dr. Richard Weindruch, Ph.D., Professor, Department of Medicine, University of Wisconsin, Madison, presented “Caloric Intake, Gene Expression and Aging”.



## Oral Presentations

“Genistein at a concentration present in soy infant formula inhibits intestinal cell proliferation by causing G2/M cell cycle arrest” **An-Chian Chen, left** (Advisor: Sharon Donovan)



“Time course distribution of an oral dose of lycopene and its metabolic products in the F344 rat model” **Susan Zaripheh, right** (Advisor: John Erdman)



“Impact of an osteoporosis prevention program” **Lisa Tussing, left** (Advisor: Karen Chapman-Novakofski)



“Induction of synthesis and degradation of highly unsaturated fatty acids by hypolipidemic agents: which comes first?” **Weisong He, right** (Advisor: Manabu Nakamura)



“Impact of a community diabetes education program” **Justine Olsen, left** (Advisor: Karen Chapman-Novakofski)

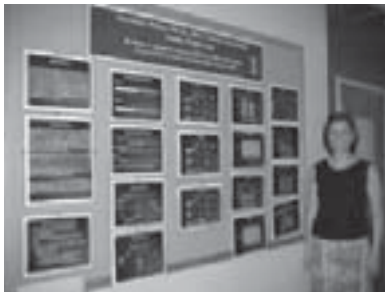
## NUTRITION SYMPOSIUM POSTER PRESENTATIONS



“Brush-border localization of sodium/ glucose cotransporter protein in crypt and villus neonatal porcine intestinal epithelial cells” **David Albin, left** (Advisor: Kelly Tappenden)



“Glucagon-like peptide-2 increases glucose uptake by increasing SGLT-1 and GLUT2 abundance in TPN-fed neonatal pigs” **Anne Bartholome, right** (Advisor: Kelly Tappenden)



“Increased dietary protein alters glucose homeostasis during weight loss” **Jamie Baum, left** (Advisor: Donald Layman)



“Impact of dietary long chain polyunsaturated fatty acids on intestinal structure and cytokine expression in a piglet model of necrotizing enterocolitis”

**Jill Gorski, right** (Advisor: Sharon Donovan)



“Intracellular insulin turnover and secretion are altered by proteasome inactivation in pancreatic beta-cells” **Kajorn Kitiphongspattana, left** (Advisor: Rex Gaskins)



“Prebiotic and probiotic effects on gut microbial populations and fecal protein catabolite concentrations” **Kelly Swanson, right** (Advisor: George Fahey)



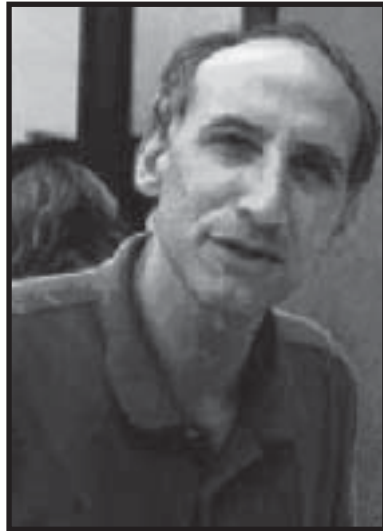
“Formual-feeding decreases intestinal hexose transporters in newborn pigets” **Keri Kles, left** (Advisor: Kelly Tappenden)

*December 2001*

**Stanley Ambrose, Ph.D.**

Associate Professor  
 Department of Anthropology  
 College of Liberal Arts and Sciences

**Research Interests:** Diet, climate, environment and habitat reconstruction with stable carbon, nitrogen, oxygen and strontium isotope ratios of human and other animal bones, teeth and soft tissues. We use stable isotopes as a tool to evaluate the effects of dietary adaptations and climate change on the natural and cultural evolutionary history of humans from their origin to the present.



*December 2001*

**Soo-Yeun Lee, Ph.D.**

Assistant Professor  
 Department of Food Science and Human Nutrition  
 College of Agricultural, Consumer and Environmental Sciences

**Research Interests:**

Properties of and quality enhancement by edible films and coatings with an emphasis on quality evaluation by sensory and instrumental analyses. Edible films are defined as a pre-formed layer which can be placed on or between food components, and edible coatings are defined as a thin layer of edible material formed as an integrated coating on food surfaces. My research will be focused on the areas of improving moisture barrier properties of edible films and coatings, and successfully applying these water-based edible coatings onto actual food systems using commercial coating methods. My research will also be actively involved in evaluating edible coatings/food product systems in the quality enhancement not only by instrumental methods, but also sensory methods.



*December 2001*

**Randall A. Singer, D.V.M., Ph.D.**

Assistant Professor  
 Department of Veterinary Pathobiology  
 College of Veterinary Medicine

**Research Interests:** Spatial and temporal description and prediction of infectious diseases, ecology and epidemiology of antibiotic resistance, quantitative risk assessment modeling, and development of statistical methods in epidemiology of infectious diseases.



*May 2002***Carol A. Braunschweig, Ph.D.**

Assistant Professor and Director, Coordinated Program  
 Department of Human Nutrition  
 College of Applied Health Sciences  
 University of Illinois, Chicago

**Research Interests:** My current research focus is designed to discern how the changes in regional adiposity that occur post spinal cord injury influence these risks. I am mid-way through a 3-year, multidisciplinary, exercise and nutritional intervention (ADAPT) for individuals with traumatic spinal cord injury designed to assess and ameliorate their risks. I am also involved in characterizing the nutritional status, eating and exercise patterns of low SES, urban children (3-6 grade) and their parents in several Chicago public schools. I am mid-way through a nutrition intervention designed for these students (KIDFIT). A secondary area of my research focuses on the nutritional care of hospitalized patients, specifically the causes, consequences and interventions needed to prevent hospital malnutrition.

*May 2002***Ellen M. Evans, Ph.D.**

Assistant Professor  
 Department of Kinesiology  
 College of Applied Life Studies

**Research Interests:** The fundamental idea underlying the work in my laboratory is the role of exercise as preventative medicine in the elderly, with a special focus on the postmenopausal population. The menopausal transition is associated with an increased risk for disease, including osteoporosis, diabetes and heart disease. Although not well characterized, changes in body composition during the menopausal transition may contribute to increased disease conditions in older women. Research in my laboratory is primarily directed at evaluating the efficacy of exercise to prevent body composition related diseases and the related mechanisms of action in the aged female.



An additional cornerstone of my research program is the assessment of body composition. Assessment techniques routinely used in my laboratory are densitometry (underwater-weighing), dual-energy x-ray absorptiometry (DXA), total body water by dilution techniques, bioelectrical impedance analysis, total body electrical conductivity (TOBEC) and anthropometric measures. The relative accuracy of different body composition assessment methods, especially across conditions of change due to diet or exercise and within unique populations such as the obese or aged, is of basic interest in my laboratory.



*May 2002*

**James E. Pettigrew, Ph.D.**

Professor

Department of Animal Sciences

College of Agricultural, Consumer and Environmental Sciences

**Research Interests:** Ours is a collaborative research program with direct relevance to the pork industry. The industry has at its disposal a rich supply of feed ingredients



that are purported to have physiological effects of benefit to the animal, including alteration of bacterial populations in the gut. Our studies seek to understand factors affecting those populations, including feed ingredients. The current societal interest

in reducing antibiotic use in animal production intensify the importance of these issues.

*May 2002*

**Lawrence B. Schook, Ph.D.**

Professor

Depts of Animal Sciences and Veterinary Pathobiology

Faculty Fellow, National Center for Supercomputer Applications

College of Agricultural, Consumer and Environmental Sciences

**Research Interests:**

Our laboratory is focused on using comparative genomics to study animal health and development across species. Ongoing studies include a functional nutritional genomics project in collaboration with Professor George Fahey. This model



is exploring the changes in gene expression during growth in young dogs compared to aged animals on different diets. These studies are designed to identify pathways that lead to wellness in aged animals and how through nutritional intervention diseases of aged animals can be avoided or ameliorated. Our efforts also address the interaction of animal health and nutrition. We are establishing in vitro gastrointestinal epithelial systems as technology platforms to study changes in gene expression during responses to pathogens. Finally, another major focus in our program is to develop animal models based on functional genomics to study mucosal development. In collaboration with Professor Rex Gaskins, we are developing artificial intestinal crypts using microtechnology and laser capture microscopy to explore gene expression of individual cells as they differentiate from the crypt stem cells. This will allow us to identify regulatory signals from nutritional sources and endogenous microbiota promoting epithelial differentiation.

**David H. Baker** was appointed to the Food and Nutrition Board Subcommittee on “Sulfur” for DRI considerations; He served as a member of the *highly successful* Nutritional Sciences Endowment Fund Steering Committee; He received the J.M. Bell Lectureship Award of the Nutrition Society of Canada and lectures were given at Saskatoon and Edmonton.

**J. Lee Beverly** (at right) received the E.L.R. Stokstad Award from the American Society for Nutritional Sciences (ASNS) at EB 2002 for his integration of nutrition, physiology, and neurobiology, and his investigations into the neural mechanisms underlying nutrient homeostasis and energy balance.



**Karen Chapman-Novakofski** was appointed to the Editorial Board of the Journal of Nutrition Education and Behavior; She continues on the Editorial Board of Nutritiongate.com, CABI Publishing; She received the “Nutrition Education for the Public - Award of Excellence” from the American Dietetic Association.

**Alan M. Diamond** received the “Star Award” from the Leukemia Research Foundation for services rendered in support of their grant programs.

**Sharon M. Donovan** was elected as Secretary of ASNS for 2002-2005; She was appointed to the Nominating Committee for the Bio-Serv Research Award, 2002-2005; She continues to be active on the ASNS graduate nutrition education initiative and co-authored a manuscript entitled “Securing the future of nutritional sciences through integrative graduate education” Journal of Nutrition 2002, 132:779-784; She continues to serve as a Regional Associate Editor for ASNS Nutrition Notes and was the 2001-2002 EB Symposium Editor for the Journal of Nutrition.

**James K. Drackley** received the 2002 American Feed Industry Association Award for Research in Dairy Cattle Nutrition at the ASAS and ADSA annual meetings in Quebec City, Canada.

**John W. Erdman** served as past President of ASNS; He was named as a member of the Board of Trustees for ILSI North America; He serves as a member of the Ad Hoc Task Force for the National Minority Research Investigators Communication Network for NIDDK/NIH; He continues to serve as Vice Chair, Standing Committee on the Scientific Evaluation of Dietary Reference Intakes, Institute of Medicine, National Academy of Sciences; He was named Lifetime National Associate, National Academy of Sciences; and Lastly, John was recognized as a “Highly Cited Researcher (Original Member in Agricultural Sciences)” by ISI, the International Science Citation Index.

**George C. Fahey** serves as Editorial Board Member for the Archives of Animal Nutrition and the Journal of Animal Physiology and Animal Nutrition; He serves on the Scientific Advisory Boards of OmegaTech, Boulder, CO, Fats and Proteins Research Foundation, Bloomington, IL, and International Ingredient Corporation, St. Louis, MO; He is a member of the National Research Council Subcommittee on the nutrition of dogs and cats.

**Tim A. Garrow** was on sabbatical leave in the Department of Hepatology and Gene Therapy, University of Navarra, Pamplona, Spain during Spring and Summer 2002.

**H. Rex Gaskin** received the 2002 College of Agricultural, Consumer and Environmental Sciences Award for Excellence in Research, UIUC; He is a member of Council and Chair of the Publications Committee for the Society for Experimental Biology and Medicine; He serves on the Editorial Boards for Experimental Biology and Medicine and Animal Biotechnology; He served on the National Institutes of Health Special Emphasis Panel, Innovative Partnerships in Type 1 Diabetes Research, National Institute of Diabetes and Digestive and Kidney Diseases, and the Special Emphasis Panel, Oral Microbiology/Immunology of Type 1 Diabetes, National Institute of Dental and Craniofacial Research.

**Rodney W. Johnson** received the 2002 Animal Growth and Development Award at the ASAS and ADSA annual meetings in Quebec City, Canada and the 2002 NPPC Innovation Award.

**Mary A. Lila** serves on the CMC (Cranberry Marketing Committee) Scientific Advisory Panel and Speaker's Bureau of Experts; She is President of the Society for *In Vitro* Biology and she serves on the Editorial Board for *In Vitro* Cellular Development Biology and Plant Cell Tissue Organ Culture.

**Manabu T. Nakamura** serves on the Steering Committee of Gene-Nutrient Interactions Research Interest section within ASNS.

**James E. Pettigrew** serves as Co-Director of the multi-institutional Soy/Swine Nutrition Research Program; He is on the American Society of Animal Sciences Nonruminant Nutrition Program Committee and the National Pork Board Non-Antimicrobial Production Enhancers Working Group; Lastly, Jim received the Alumni Achievement Award, Southern Illinois University College of Agricultural Sciences.

**Lawrence B. Schook** serves as Editor-in-Chief, Animal Biotechnology and is Co-Chair of the Steering Committee for the Alliance for Animal Genome Research.

**Randall S. Singer** served on the USDA NRI review panel "Epidemiological Approaches to Food Safety"; He taught a short-course entirely in Spanish in Chile entitled "Applications of microbiology, molecular biology and epidemiology in food safety," introducing students, faculty and public health professionals to the techniques and concepts of food safety. He combined didactic lectures, microbiology and molecular biology laboratories, farm visits and epidemiologic data analysis in order to advance the research and diagnostic abilities of the course attendees. The course was funded by grants from ASM, University of Illinois, and the Universidad de Concepcion, Chillan, Chile. (See *photo to the right* of dairy cows in Osorno under the volcano 'Casablanca').



**Suzanne R. Trupin** received the American Medical Association - Physician's Recognition Award.

**Matthew A. Wallig** serves as Chair, Training Coordinators Committee, American College of Veterinary Pathologists; He was Co-Editor, Handbook of Toxicologic Pathology, 2nd Edition, Academic Press, 2002; He was promoted to Full Professor of Comparative Pathology; Matt received the first Dr. and Mrs. Lloyd Helper Faculty and Student Collegiality Award, College of Veterinary Medicine, University of Illinois.

**Jeff A. Woods** was appointed to the Editorial Board of Brain, Behavior and Immunity; He serves as Vice-President of the International Society of Exercise and Immunology.

**FACULTY RESEARCH STRIDES**  
**(GRANTS RECEIVED AND NEW RESEARCH IDEAS)**

**David H. Baker** discovered an *E.coli* phytase enzyme (expressed in yeast), isolated from pig intestine, that contains about three times more phosphorus-releasing efficacy than commercially available (fungal-based) phytase products.

**Alan M. Diamond** received grant renewals from NIH entitled “Selenium, amino thiols and radiation” and from the American Institute of Cancer Research entitled “Regulation of selenoprotein translation”. He also received a Susan G. Koman Breast Cancer Foundation grant entitled “Role of the Sep15 selenoprotein in breast cancer” and an NIH grant entitled “Role of glutathione peroxidase in breast cancer prevention”.

**John W. Erdman** received grants from The American Institute for Cancer Research (with Dr. Elizabeth Jeffery) “Tomato and broccoli interactions and prostate cancer” and from Masterfoods, U.S.A. (with Dr. Ellen Evans) “Nutritional management for weight loss”.

**George C. Fahey** received the following grants: “Evaluation of soybeans for nutrient value characteristics” United Soybean Board/Integrative Nutrition, Inc.; “Spray-dried plasma as an ingredient in dog diets” American Protein Corporation; “Canine nutritional genomics” (with Dr. L. B. Schook) AniGenics, Inc.; “Creating niche market opportunities in animal feeding for small farmers with soybeans” (with Drs. N. R. Merchen and C. M. Parsons) C-FAR Sentinel Program; “Effects of selected corn hybrids on digestibility and fermentability in the dog” ExSeed Genetics L.L.C. (BASF Plant Science); “Protein source evaluation in the dog” The Iams Company; “Processing effects on soybean meal quality” Illinois Soybean Program Operating Board; “Glycemic response of fibrous ingredients using meal tolerance tests in humans” Ross Products Division of Abbott Laboratories; “Bulking agent evaluations in humans” Ross Products Division of Abbott Laboratories; and “Gastrointestinal tract morphology and digestive characteristics in a porcine model as affected by enteral formulas varying in pH” Ross Products Division of Abbott Laboratories.

**Greg G. Freund** received grants from TriPath Imaging for “Intended use study of the AutoPap GS System” and “A randomized feasibility study comparing cervical collection devices”.

**Tim A. Garrow** solved the crystal structure of human betaine-homocysteine methyltransferase after 4 years of collaborative research effort with the laboratory of Dr. Martha Ludwig. Details of the enzyme’s structure were published in *STRUCTURE* 10:1-20, 2002.

**H. Rex Gaskins** received a new grant entitled “Developmental dynamics of pig intestinal responses to bacterial colonization” from the USDA National Research Initiative Competitive Grants Program. The goals of this project are to define and compare intestinal epithelial transcriptomes of germfree versus conventional piglets that have been fed enterally or parenterally, and to quantify with stable isotopes, the impact of bacterial colonization and the feeding regime on mucosal protein secretion, amino acid requirements, and systemic glucose utilization.

**Mary A. Lila** received a grant from the National Center for Complementary and Alternative Medicine, National Institutes of Health on “Biological activity of natural proanthocyanidin mixtures”.

**Jeff A. Woods** was awarded a NIH grant “Physical activity, aging and immune function”, a randomized clinical exercise trial to determine if moderate exercise training can improve immune function in older adults.

**David H. Baker** presented two invited lectures: “What lies ahead in amino acid research” and “Evolution of discoveries in a nutritionist’s career” at Texas A&M University.

**Alan M. Diamond** presented “Genetic and mechanistic evidence for a role of GPx-1 in selenium mediated chemoprevention” at Experimental Biology 2002 in New Orleans.

**Sharon M. Donovan** presented “Childhood obesity: Causes, consequences and management” as a Nutrition Education Teleconference via the Cooperative Extension Service at the University of Illinois; She presented “The ASNS Graduate Nutrition Education Committee Initiative on the Future of Graduate Nutrition Education” as part of the workshop on “Approaches to Teaching Nutrition as an Integrative Science” at Experimental Biology 2002.

**John W. Erdman** presented “Convergence of food, nutrition and health” at the 90th anniversary celebration of the College of Agriculture and Life Sciences at Texas A&M University; He gave research presentations on “Lycopene and prostate cancer” at the Harvard School of Public Health and Columbia University; He presented “Bioavailability of beta carotene isomers” at the International Carotenoid Conference in Hawaii.

**George C. Fahey** presented the following: “Prebiotics in companion animal nutrition” at the 18th Alltech, Inc. Feed Industry Symposium, Lexington, KY; “Issues surrounding the preparation of medicated treats for pets” at Elanco Corp., Greenfield, IN; “Potential alternatives to dietary fiber in human and companion animal diets: Oligosaccharides and resistant starch” as part of the Wise and Helen Borroughs Lectureship - Modern Views of Nutrition program at Iowa State University, Ames, IA; and “Alternative means of evaluating fiber in livestock diets” presented at Land O’Lakes Cooperative Research Farm, Fort Dodge, IA.

**Tim A. Garrow** presented at the FASEB Summer Conference on “Folate, vitamin B12 and one carbon metabolism”; He gave a seminar at the Czech Republic Academy of Sciences, Prague, via collaborator, Dr. Jiri Jiracek.

**H. Rex Gaskins** presented the following: “On the contributions of mucolysis to clostridium perfringens pathogenesis” at the Workshop on Clostridium Perfringens and Necrotic Enteritis, ID TNO Animal Nutrition, Lelystad, The Netherlands; “Antibiotics in swine production: Basic principles and practical applications” at the Annual Western Nutrition Conference, Saskatoon, Saskatchewan, Canada; “On the contributions of clostridium perfringens to necrotic enteritis” Elanco Animal Health, Indianapolis, IN; “Musings on mucins, microbes, and intestinal barrier function” and “Microbial ecology and pathology of intestinal sulfidogens” Kewalo Marine Laboratory, Pacific Biomedical Research Center, University of Hawaii, Honolulu; “Molecular analysis of the colonic microbiota” The Colonic Environment and Colorectal Cancer Prevention Workshop, Division of Cancer Prevention, National Cancer Institute, National Institutes of Health, Bethesda, MD; “A molecular ecological analysis of necrotic enteritis” Elanco Global Enteritis Workshop, Atlanta, GA; “Mucosal immune responses to the intestinal microbiota” Institute of Food Technologists Basic Symposium, Dietary Fiber, Prebiotics, Probiotics, and Their Role in Intestinal Health, Anaheim, CA; “Growth promotant antibiotics: Mechanisms of action and contributions to antimicrobial resistance” National Pork Board, Des Moines, IA; “Pathophysiology of clostridial enteritis and the impact of treatment: Lessons from a chick model” Queen’s College, University of Cambridge, UK.

**Mary A. Lila** presented the following: “Health protective properties of cranberries: Special focus on cancer chemoprevention” North American Cranberry Research and Extension Conference, Bécancour, Canada; “Component interactions for efficacy in functional foods - Insights from berry and tomato research probes” Institute on Nutraceutical and Functional Foods, Laval University, Québec City, Canada; “Bioactive component research with berries” IFAFS Project Annual Evaluation, Purdue University, West Lafayette, IN; “Blueberries or brainberries? Some unexpected rewards from functional foods” ACES Professional Development Seminar Series, Urbana, IL; “The importance of globalization in today’s world” College of ACES Interview for Director, ACES Global Connect, Urbana, IL; *continued...*

**Mary A. Lila continued** presented the following: “Hot blueberries - what we learn from radiolabeling studies” WBANA Health Research Summit, Bar Harbor, ME; “Capitalizing on the production of bioactive principles from plants” International Biotechnology Symposium, Bio Malaysia 2002, Kuala Lumpur, Malaysia; and “Berry smart foods” Extension Professionals Annual Conference, Urbana, IL.

**Manabu T. Nakamura** was invited to present “Gene regulation of mammalian desaturases” Biochemical Society Meeting at Cardiff, U.K.

**James E. Pettigrew** presented the following : “Establishing amino acid requirements for lean growth, using models to predict nutrient requirements” and “Current topics in sow nutrition” at Advanced Swine Production Technology Course, Champaign, IL; “New and old approaches to improving pig performance” at Prince Feed Ingredient Conference, Des Moines, IA; “Nutrition and feeding of replacement gilts” and “Effects of nutrition on pork quality” at Acontec meeting, Pergamino, Santa Fe, Argentina; “Effect of Bio-Mos on growth of pigs” at Alltech Technical Meetings in Barcelona, Spain; Dusseldorf, Germany; Budapest, Hungary; Saint-Brieuc, France; and Peterborough, U.K; “Functional foods for pigs?” Division of Nutritional Sciences, University of Illinois, Urbana, IL; “Nutrition and carcass quality” at Primeiro Congresso Poli-nutri de Suinocultura, Toledo, Parana, Brazil; “Antibiotics, other dietary factors, health and performance” at DeKalb Feeds 2002 Spring Seminar, Urbana, IL; and “Practical response to Bio-Mos in nursery pigs” at Alltech Symposium, Lexington, KY.

**Robert D. Reynold** gave two presentations at Oregon State University, Corvallis OR.

**Randall S. Singer** was invited to present at the American Academy of Microbiology Colloquium on “The role of antimicrobials in agriculture” in Santa Fe, NM; and “Antibiotic resistance: What is it and how is it impacting the veterinary profession?” Illinois State Veterinary Medical Association, Springfield, IL.

**Jeff A. Woods** presented “Can exercise improve immune function in the aged?” at the Institute for Advanced Studies in Aging & Geriatric Medicine, 2nd International Meeting, Washington DC.

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## PERSONAL ACHIEVEMENTS

**Mary Ann Lila** [nearly] survived an 18-month interim headship of the Dept of Natural Resources and Environmental Sciences (NRES) at UIUC.

**James L. Robinson** retired on May 20, 2002 and was “promoted” to emeritus status after 32 years on the faculty of the University of Illinois. I have relished my association with the Division of Nutritional Sciences and my involvement with NUTRS 411 (and its predecessor). I have enjoyed the challenge of this capstone course in Nutritional Sciences and the need to remain current in the field. I hope that I have had a lasting influence on the students who have taken the course. Over the past two years, I have been privileged to lead the effort to establish endowments to provide perpetual support for the students and faculty of the Division. As to retirement, I look forward to travelling the world over the next few years, with Peru, Zimbabwe and South Africa on the agenda for summer 02. When I am back in town, I will continue to participate in Division activities, as time permits.

**Randall S. Singer** has a golf handicap in single digits.

## MARS NUTRITION RESEARCH LECTURESHIP 2002



Helmut Sies, M.D., Ph.D. presented the Mars Nutrition Research Lectureship series May 20-22. He is Professor and Chairman of the Institute of Physiological Chemistry, Heinrich-Heine University, Düsseldorf, Germany. Dr. Sies is an internationally recognized researcher in the area of oxidants, antioxidants, and oxidative stress. Dr. Sies presented three morning lectures to students and faculty on the following topics: “Introductory Primer on Oxidative Stress: Oxidants and Antioxidants”; “Selenium and Health: Molecular Mechanisms and Biology”; “Flavonoids and Health: Molecular Mechanisms and Biology”. In addition, he presented an evening lecture on May 21 that was open to the public entitled “Antioxidants: Effects on Skin and Eye Health”. In the evening lecture, Dr. Sies presented some of his own interesting research with tomatoes. His study found that consumption of 40 grams of tomato paste per week for 10 weeks conferred protection from ultraviolet light. Due to the carotenoid content

of the tomato paste, his subjects had systemic protection from sunburn equivalent to that of a sunscreen with sun protection factor 2. He also discussed the potential benefits of antioxidants in foods such as spinach and corn in reducing risk of macular degeneration.

### REFLECTIONS ON A CAREER

BY JAMES L. ROBINSON, PROFESSOR EMERITUS

On July 4, 1939, Lou Gehrig, facing retirement from baseball, a game he enjoyed and excelled at, asserted to the crowd in Yankee Stadium “Today, I consider myself the luckiest man on the face of the earth”. As I retire, I too consider myself the luckiest person on earth. For the past 32 years on the faculty of the University of Illinois, I have been blessed by a job that I enjoyed, great colleagues, exceptional students, and supportive staff. I have indeed been fortunate to have served one of the premier institutions of higher education in the country, if not world.

On August 1, 1970, I was hired as one of two biochemists in the Department of Dairy Science. As the successor to Harry P. Broquist, who had been active in organizing nutrition on this campus, it was probably not surprising that I was asked to join the fledgling Nutritional Sciences Program in March 1972. I accepted on the basis of interactions with nutrition faculty and having taught some isolated lectures in the predecessor to Nutritional Sciences 411. My subsequent role in directing and teaching that core course was a defining aspect of my career at the University of Illinois. As such, I interacted with essentially all Nutritional Sciences graduate students during the past thirty years. The course was demanding and rigorous; while tough, I tried to be fair. I relished the interactions with students and their intellectual stimulation was essential to my professional development.

As I retire, the Division of Nutritional Sciences is in good hands, as younger faculty and bright students continue to push back the frontiers of nutrition and play a crucial role in integrating basic and applied biology. Over the past couple years, I have enjoyed playing a role in establishing the Nutritional Sciences Endowments, which are putting the Division on a firmer financial footing and will ensure its continued excellence. I thank all who have contributed to this effort.



Jan and Jim Robinson with some of the secretaries Jim has worked with (from left to right) Sharon Franks, Nancy David, Linda Barenthin, and Nancy Henry

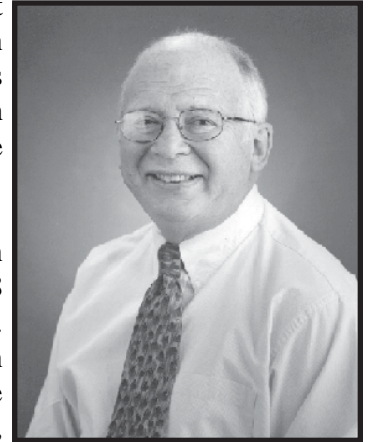


Jan and Jim Robinson

## TRIBUTE TO PETER REEDS

February 22, 1945 - August 13, 2002

With Peter Reeds' death on August 13th, 2002, the University of Illinois lost one of its most creative and prominent scientists. Peter was known worldwide for his contributions to protein and amino acid metabolism and was one of the world's most cited nutritional scientists. His premature death leaves a deep void in the Department of Animal Sciences and the Division of Nutritional Sciences, where his lively nature and rich stream of ideas never failed to engage the people around him.



Peter was born on February 22, 1945 in Bath, England, a son of Robert and Betty Brown Reeds. He received the B.Sc. (1st Class) degree in Physiology and Biochemistry in 1968 and his Ph.D. in Nutritional Biochemistry in 1971 from the University of Southampton. He conducted postdoctoral studies in nutritional biochemistry at the University of London and the University of the West Indies from 1971-74 and at the University of Surrey and the University of Ibadan from 1974-75. He was at the Rowett Research Institute in Aberdeen, Scotland from 1975-87. He was Head of Protein Biochemistry from 1985-86 and Head of the Biochemistry Division from 1986-87. In 1987, Peter Reeds was recruited to the USDA Children's Nutrition Research Center in Houston, Texas, where he also held appointments in the Department of Pediatrics at Baylor College of Medicine as an Associate Professor from 1987-89 and Professor from 1989-2000. He came to the University of Illinois in January 2001, as a Faculty Excellence Professor in the Department of Animal Sciences and the Division of Nutritional Sciences.

Throughout his research career, Peter made key contributions to our understanding of the intermediary metabolism of organic nutrients, particularly the interactions between carbohydrate and protein metabolism during growth and in malnourished states. His creativity enabled him to explore the regulation of metabolic pathways in both animals and humans using novel stable isotopic techniques. His uncommon breadth of knowledge allowed him to make comparative insights that uniquely shaped both nutrition and physiology. During his latest years, he developed a deep interest in the role of the gastrointestinal tract in the regulation of amino acid utilization and whole-body nitrogen homeostasis. His very clever studies with a neonatal piglet model comparing epithelial utilization of enterally- versus parenterally-supplied amino acids led him to realize that nutrient requirements should ideally be defined according to the needs and metabolism of individual tissues rather than the whole animal. This insight was made possible because of Peter's devotion to validating the use of stable isotopes as nutrient tracers in *in vivo* studies, and will remain a key element of his legacy to science. The American Society for Nutritional Sciences awarded him the Osborne and Mendel Award in 1998 for his innovative applications of stable isotope techniques to the study of intestinal and hepatic metabolism of dietary and amino acids.

Professor Reeds' impact moved beyond the laboratory as he shaped international views on human protein nutrition. He played a major role in updating the United Nations recommendations for worldwide protein and amino acid requirements. Similarly, he contributed to the development of the new U.S. FNB/ION Dietary Reference Intakes for Macronutrients. Peter was author or co-author of 49 book chapters and conference proceedings and 168 refereed journal articles. He was a member of the American Society of Animal Science, the American Society for Nutritional Sciences, the Biochemical Society, and the Nutrition Society. He was a member of the Editorial Boards of the *American Journal of Physiology*, the *Biochemical Journal*, the *British Journal of Nutrition*, *Domestic Animal Endocrinology*, the *European Journal of Nutrition*, and an Associate Editor for the *Journal of Nutrition* from 1990-99. He served on many national and international scientific panels. He was the mentor of 16 postdoctoral fellows from 1981-2001.

In addition to his scientific achievements, Peter was a gifted musician and a member of the St. John's Newman Chapel Choir. He was an avid reader (favorites included both history and science fiction), enjoyed gardening, and was a volunteer for Habitat for Humanity. Professor Reeds married Marion Edwards on August 31st, 1968, in Crookham, England. She resides in Champaign, where she teaches quilting, volunteers in an elementary school and practices yoga. Peter loved children. He and Marion had four: Dominic, Fellow in Endocrinology and Diabetes and Metabolism, Washington University School of Medicine, St. Louis, MO; Alex, an Investment Associate at Putnam Investments in Boston, MA; Charlotte, a mechanical engineer with Genie Industries in Issaquah, WA; and Sophie, an advertising major at the UT-Austin. Professor Reeds' parents live in Liverpool, England, as does his brother, Stephen Reeds.

*continued...*



Despite his superior accomplishments and prestigious standing, Professor Reeds was a humble man; his sincere honesty, cheerful nature and clever wit made him a constant and endearing friend. He celebrated the student - both literally and in us all. His loss is that of kindness, generosity and superb scholarship, but his gifts challenge us to continue with worthy endeavors.

**- H. Rex Gaskins, Walter L. Hurley and Kelly A. Tappenden**

On December 6th, 2002, friends and family of Peter Reeds gathered in the Bevier Commons on the University of Illinois campus to remember the friendship that we shared with Peter and the impact that he made upon so many of our lives. In his short year and a half at Illinois, Peter had formed many collaborations across campus, had garnered NIH and USDA funding, and had begun to establish the College of ACES Mass Spec Facility. Although Peter had only been on the faculty for a short time, many of his colleagues at Illinois had known him for up to 20 years and are saddened by his loss.



Sue (wife of Dominic), Dominic, Alex and Marion Reeds

Peter touched the lives of many of our graduate students in the classroom, on M.S. and Ph.D. exam committees, in seminar and journal club. Cassandra Delgado-Reyes remembers one incident last Spring during the annual Quiz Bowl, of which Dr. Reeds was one of the team captains. The answer to one of the questions in one of the final rounds was a particular enzyme. The name of the enzyme was apparently under scrutiny because a heated debate began between Dr. Reeds and one of the other professors. In defending his answer, Dr. Reeds half-jokingly said - "Don't make me quote the E.C. number." Dr. Reeds was so sure of his answer that he even knew the E.C. number for the enzyme in question.

The Tappenden Lab remembers: "To What Extent?" Dr. Reeds began nearly every question with his trademark phrase during journal club. He had an amazing ability to discuss and develop concepts, bringing insight and humor to all angles of even obscure ideas. It felt comfortable to share our thoughts and ideas at the table because he believed all our opinions were welcome, valid and respected. Despite being a master in his scientific knowledge, he was never unapproachable; in fact, it seemed as though he'd been destined to become a professor, and always loved meeting and talking with students. He interacted with his students in the same way he interacted with faculty and even his own family. Dr. Reeds was truly interested in each individual, becoming involved in our personal development as scientists and kind human beings. So, to what extent has Dr. Reeds impacted our lives? He challenged the status quo. He challenged the accepted ideas in the literature, but accepted the data at hand. He reminded us of how to have fun in research and that as graduate students we are a valued asset. We've all been stimulated to think from different perspectives. Dr. Reeds was truly a professor that we should all aspire to be like someday. He will never be replaced.

**SUCCESS  
BY RALPH WALDO EMERSON**

TO LAUGH OFTEN AND MUCH;  
TO WIN THE RESPECT OF INTELLIGENT PEOPLE AND THE AFFECTION OF CHILDREN;  
TO EARN THE APPRECIATION OF HONEST CRITICS AND ENDURE THE BETRAYAL OF FALSE FRIENDS;  
TO APPRECIATE BEAUTY;  
TO FIND THE BEST IN OTHERS;  
TO LEAVE THE WORLD A BIT BETTER, WHETHER BY A HEALTHY CHILD, A GARDEN PATH OR A REDEEMED SOCIAL CONDITION;  
TO KNOW EVEN ONE LIFE HAS BREATHED EASIER BECAUSE YOU HAVE LIVED;  
THAT IS TO HAVE SUCCEEDED



## SEMINARS FOR FALL 2001

Kelly Tappenden, PhD, Dept FSHN, UIUC. **“Short chain fatty acids and intestinal adaptation”**

Allison Edwards, USDA, Bioactive Components Laboratory, Beltsville, MD. **“Lycopene and beta-carotene in watermelon: bioavailability in human subjects”**

Michael Grusak, PhD, USDA/ARS Plant Physiologist, Children’s Nutrition Research Center, Baylor College of Medicine, Houston, TX. **“Nutritional evaluation and enhancement of plant foods: Research at the interface of plant and human nutrition sciences”**

Donald Jump, PhD, Dept Physiology and Biochemistry, Michigan State University, East Lansing. **“Dietary fat regulation of hepatic gene transcription”**

Carmen Castro, PhD, Postdoctoral Research Associate, Dept FSHN, UIUC. **“Betaine-homocysteine S-methyltransferase activity is regulated by a redox switch”**

David McCormick, PhD, Vice President, Director, Life Sciences Operation, IIT Research Institute, Chicago, IL. **“New approaches to the chemoprevention of hormone-dependent cancer”**

Donald Layman, PhD, Dept FSHN, UIUC. **“Adult protein needs: The role of amino acids in glucose homeostasis”**

Maret Traber, PhD, Dept Nutrition and Food Management, Oregon State University, Corvallis. **“An overview of vitamin E function in humans”**

Randy Singer, DVM, PhD, Dept Veterinary Pathobiology, UIUC. **“Contemporary applications of epidemiology in food safety”**

Stanley H. Ambrose, PhD, Dept Anthropology, UIUC. **“Are you what you eat? Tracing the metabolic fate of dietary macronutrients with bone collagen and carbonate carbon isotopes”**

Rod Johnson, PhD, Dept Animal Sciences, UIUC. **“Cytokine gene expression in the aged brain”**

Soo Yeun Lee, Dept FSHN, UIUC. **“Quality assessment of whey-protein-coated peanuts and chocolates using sensory and instrumental methods”**

C.K. Gunsalus, Associate Provost and Vice Chancellor of Academic Affairs, UIUC. **“How to have a dispute professionally”**

Susan Potter, PhD, Director, Nutritional Sciences, Protein Technologies International, St. Louis, MO. **“Soy and women’s health—A scientific and industry prospective”**

Carol Braunschweig, PhD, Dept Human Nutrition, UIC. **“Defining the relationships between regional adiposity, chronic inflammation and the metabolic syndrome following spinal cord injury”**

James Pettigrew, PhD, Dept Animal Sciences, UIUC. **“Functional foods for pigs?”**

Janet Sparks, PhD, Dept Pathology and Laboratory Medicine, University of Rochester School of Medicine and Dentistry, New York. **“Insulin-mediated suppression of hepatic VLDL production: Implications for diabetic hypertriglyceridemia”**

David C. Nieman, DrPH, Dept HLES, Appalachian State University, Boone, NC. **“Exercise immunology—Nutritional countermeasures”**

Douglas G. Burrin, PhD, Research Physiologist, Children’s Nutrition Research Center, Baylor College of Medicine, Houston, TX. **“Metabolic and trophic effects of glucagon-like peptide-2 in the neonatal gut”**

Lawrence B. Schook, PhD, Dept Animal Sciences and Veterinary Pathobiology, UIUC. **“Integrating nutrition and health through genomics”**

Ellen Evans, PhD, Dept Kinesiology, UIUC. **“The menopausal transition: Body composition changes and the therapeutic benefits of exercise for disease prevention”**

Clint Allred, Nutritional Sciences Graduate Student. **“The effects of soy and soy components on the growth of breast cancer tumors”**

Kelly Swanson, Nutritional Sciences Graduate Student. **“Prebiotic and probiotic use in canine nutrition”**

Bart Deplancke, Nutritional Sciences Graduate Student. **“Sulfate-reducing bacteria and their contribution to intestinal epithelial disorders”**

Keri Kles, Nutritional Sciences Graduate Student. **“Intestinal function during hypoperfusion”**

**1969**

**C.K. Chow** Ph.D. continues as a Professor at the Graduate Center for Nutritional Sciences, University of Kentucky, Lexington (okchow@uky.edu).

**1970**

**Robert E. Landers** Ph.D. is retired. His activities include literature reading/searching, and hobbies. One hobby is wooden boats: "Wooden boats fascinate me, even though motion sickness is a reality for me. My grandfather, father and his brothers used wooden boats to earn a living in the entrance to the Bay of Fundy (Sandford, Nova Scotia). Sailing schooners built in Nova Scotia have become world famous (e.g. The Bluenose). A strong gust of wind blew my grandfather's 10-ton herring schooner (Bonnie Lin) over on it's side on October 1, 1908, causing it to sink so quickly that my grandpa and his oldest son had to scramble to get into the towed dory and cut the tow rope".

**1975**

**Kailash Mathur** Ph.D. passed away on January 28, 2001. He will be missed by the nutrition community.

**1976**

**Guy Johnson** Ph.D. is President of Johnson Nutrition Solutions, LLC, a nutrition consulting business. His business is flourishing, and he is having more fun and making more of a contribution to nutrition than he has in years! His memberships include: the American Dietetic Association Foundation Board of Trustees and IFT Hot Topics Committee; Chair, ADAF Childhood Obesity Taskforce. He is happily married to Jean and has two terrific kids, Adel – 13 and Tess – 9 (nutrsolutions@spire.com).

**1979**

**Larry Lawson** Ph.D. is Research Director at the Plant Bioactives Research Institute, Utah. He is married and has 6 children (LLawson23@aol.com).

**Dan Schaefer** Ph.D. is Professor and Chairman of Animal Sciences, University of Wisconsin. He is an honorary Member of the University of Wisconsin Saddle and Sirloin Club.

**1981**

**Thomas Edes** M.S. recently accepted the position as Chief of Home and Community-Based Care, Dept Veterans Affairs, Washington, DC.

**Lisa Marshall** Ph.D. is currently Project Manager for Oncology, Musculoskeletal and Inflammation at Glaxo SmithKline, PA (LISA\_A\_MARSHALL@GSK.com).

**1982**

**Lisa Reich** M.S. is Market Manager for the Mentor Corporation, Santa Barbara, CA (lreich@mentorcorp.com).

**1983**

**Edward Basgall** Ph.D. is a Nanofabrication Engineer at Penn State University. He is a member of the American Chemical Society, Microscopy Society of America, and State College Design Review Board. He was recently appointed to the College of Engineering Graduate Faculty at Penn State University (ejbll@psu.edu).

**Kenneth Poirier** Ph.D. is a Senior Regulatory Toxicologist, Toxicology Excellence for Risk Assessment, West Chester, OH (kpoirier@cinci.rr.com).

**1984**

**Michael Keenan** Ph.D. is Associate Professor in the Division of Human Nutrition and Food at Louisiana State University, Baton Rouge. Daughter, Colleen, turned 18 in March this year and entered LSU as a freshman this past summer. His two sons, Chris and Chad, are now ages 13 and 11, respectively. Mike survived non-Hodgkins lymphoma and is in remission (mkeen@agctr.lsu.edu).

**Barbara Kochanowski** Ph.D. is Associate Director, Global Safety and Regulatory Affairs, Personal Health Care, Procter & Gamble, Mason, OH. She is serving a 3-year term on the Division's External Advisory Committee and also serves on the Consumer Healthcare Products Association – Scientific Affairs Committee (kochanowski.ba@pg.com).

**1985**

**Laura Rosch** M.S. is a physician in Chicago, IL. Her daughter, Siena, turned three in November (CDHS098@attglobal.net).

**1986**

**Anne Smith** Ph.D. is Associate Professor, Human Nutrition, The Ohio State University, Columbus. She is national spokesperson for Food Biotechnology as part of the RD Network for International Food Information Council (IFIC) (smith.23@osu.edu).

**1988**

**Ronald Cotterel** M.S. established the Sutter Center for Integrative Health in Davis, CA in 2001 and continues as Director. He also continues to practice Family Medicine.

**Shelley (Brown) McGuire** M.S. is an Assistant Professor at Washington State University working on her tenure! She has three children, Emily (10), Grace (8) and Keith (4). Shelley received the 2002 Young Investigator Award from the International Society for Research in Human Milk and Lactation (smcguire@wsu.edu).

**Melissa Meredith** M.S. is Associate Professor of Medicine, Section of Endocrinology, Diabetes, and Metabolism, University of Wisconsin, Madison (mxm@medicine.wisc.edu).

**Nancy (Goff) O'Connell** M.S. is a Senior Clinical Research Associate for 3M Pharmaceuticals, St. Paul, MN (ncoconnell@mmm.com).

**1990**

**Samuel Ejadi** M.S. is a Medical Oncologist, Beth Israel Deaconess Medical Center, and an Instructor, Harvard Medical School, Boston, MA. He completed training in Internal Medicine at John Hopkins in 2000 and Medical Oncology at Harvard in 2002 (sejadi@caregroup.harvard.edu).

**1991**

**Jana Bryant** M.S. is a Resident Physician in Radiology, Cleveland Clinic Foundation, OH. She received her M.D. from the University of Kansas School of Medicine in May 2000, and completed an internship in Internal Medicine in June 2001 at the University of Kansas Medical Center (janabryant@msn.com).

**Tracy (Tasker) Chivari** M.S. is a Medical Nutritional Representative, Ross Products Division, Abbott Labs in Wisconsin (tchivari@wi.rr.com).

**Alyce Fly** Ph.D. is an Associate Professor of Applied Health Science and Associate Dean of Program Administration (part-time) for the School of HPER, Indiana University. Alyce received the Indiana University Trustees Teaching Award in Spring 2002. Her children are growing: William (12) is in 7<sup>th</sup> grade, John (10) is in 5<sup>th</sup> grade, and Emily (7) is in 2<sup>nd</sup> grade (afly@exchange.indiana.edu).

**Lesley Helyar** Ph.D. is Director and Teacher, Bangor Montessori School, Hampden, Maine. She is President of the Autism Society of Maine (99-present). She was named Regional Advocate of the Year in 2001 and appointed to the Maine Association of Special Education Directors. Her children are now all in school, Leah (1<sup>st</sup>), Cameron (3<sup>rd</sup>), and Andrew (10<sup>th</sup>).

**Ann Ward** M.S. is Director of Nutritional Services, Fort Worth Zoo, Texas (award@fortworthzoo.org).

**1992**

**Wendy (Markham) Hirsch** M.S. has four children: Carl (8), Matthew (6), Rachel (4), Michelle (2) and is due with number five in December.

**1993**

**Yolanda Good** M.S. is a 4-H Youth Development Agent, University of Florida Extension. She is a member of the National Association of Extension 4-H Agents (NAE4-HA). She received the Newsletter Literature Award from FAE4-HA and the FAE4-HA Team Award for an educational piece, which advanced to regional competition to be judged (goode007@hotmail.com).

**Sarah Jaw-Tsai** Ph.D. is Associate Director, Pharmacology Department, Theravance, Inc., San Francisco, CA. Her second child (Candace) was born in August 2000. The whole family survived (still recuperating) from a 3000-mile cross-country move to California in July 2001 (sjawtsai@theravance.com).

**1994**

**Joan Paul M.S.** gave birth to Megan on September 11, 2002. Her older brother Christopher and sister Hannah dote all over her (JTPaul9636@aol.com).

**Christopher Poor M.D./Ph.D.** is an Emergency Physician, Murray-Calloway County Hospital, Kentucky (cpoor@apex.net).

**Jin-Rong Zhou Ph.D.** is Assistant Professor of Surgery, Harvard Medical School, and Director, Nutrition/Metabolism Laboratory, Beth Israel Deaconess Medical Center, Boston, MA (jrzhou@caregroup.harvard.edu).

**1995**

**Mary (Larson) Dicklin Ph.D.** is a Clinical Research Scientist/Medical Writer with Protocare Development, Chicago, IL. She has two children: Nicholas (2) and Joseph (6 months).

**Carrie Earthman M.S.** is currently an Assistant Professor, Human Nutrition, Foods & Exercise, Virginia Tech University, Blacksburg. She will begin a new position as Assistant Professor, Department of Food Science & Nutrition, University of Minnesota on January 9, 2003. She was awarded an ASPEN Rhoads Research Foundation Maurice E. Shils Grant to study an anabolic intervention in COPD patients with weight loss, and a Novartis Nutrition Grant to study a nutritional intervention for pressure ulcer healing (cpearth@vt.edu).

**Susan (Kandl) Gugger M.S.** is a stay-at-home mom raising 2 daughters (ericandsusang@yahoo.com).

**Debbie Swartz-Basile Ph.D.** is an Instructor in the Department of Surgery, Medical College of Wisconsin, Milwaukee (dsbasile@mcw.edu).

**Aparna (Reddy) Waegner M.S.** is a Nutrition Policy Specialist in California. Her second child, daughter Maya, was born in December 2001 (aparna@sr.sticare.com).

**1996**

**Kavita Patel M.S.** is keeping busy with her two daughters: Ruhi (4) and Sonia (2)!

**1997**

**Vicki Houle Ph.D.** started a new position July 1, 2002 at ProEd Communications, Inc., Beachwood, OH.

**1998**

**Manuel Baldeon Ph.D.** is an Assistant Professor, School of Medicine and Department of Food & Nutrition, Universidad San Francisco de Quito, Ecuador (manuelb@mail.usfq.edu.ec).

**Tia Rains Ph.D.** is a Senior Research Scientist, Kraft Foods, Wilmette, IL. Tia was instrumental in facilitating the \$1M Kraft Human Nutrition Endowment to the Division. Tia gave birth to twins on April 27, 2002 (trains@kraft.com).



Lyla and Tessa

**1999**

**Sean Barnes M.D./Ph.D.** is currently pursuing a residency program in both Anatomical and Clinical Pathology at the University of Rochester – Strong Memorial Hospital, New York. He began this program on July 1, 2002 (slbarnes45@hotmail.com).

**Amy Boileau Ph.D.** is a Senior Scientist, Ross Products Division, Abbott Labs, Ohio (amyboileau@hotmail.com).

**Joshua Bomser Ph.D.** is Assistant Professor, Food Science & Technology, The Ohio State University. His wife, Libby, gave birth to their first child (Sasha) in September 2002.

**2000**

**Thomas Boileau Ph.D.** began a new position as Research Nutritionist at the Iams Company, Lewisburg, OH in October 2002 (thomas.boileau.@iams.com).

**Annette (Cole) Boogerd M.S.** is a Clinical Dietitian at the University of Chicago Hospitals (aboogerd@uchospitals.edu).

**Beth Flickinger Ph.D.** is a Postdoctoral Research Associate, Dept Animal Sciences, University of Illinois. She was an invited speaker at the Pet Food Forum, Chicago, IL, April 2002 (bflick@uiuc.edu).

2001

**Mary Dean Coleman M.S.** is a doctoral student, Human Nutrition, Foods, & Exercise, Virginia Tech University, Blacksburg. She is a member of the ADA, AAFCS, and SCAN DPG (mdrd44@hotmail.com).

**Laura (Milo) Czerkies M.S.** is a Nutrition Consultant, Nestle Nutrition Division, Willowbrook, IL.

**Carl Sather M.S.** is a medical student, University of Illinois College of Medicine, Rockford, IL. He is a member of the American Medical Association, Illinois State Medical Association, American Association Family Practice, Illinois Association Family Practice and Christian Medical Association. He recently announced his engagement to Betsy Taylor. They are planning a summer 2003 wedding (csather@uiuc.edu).

STAY CONNECTED WITH ALUMNI

Name	Local address	Name	Local address
Ackema, Scott H	shackema@iastate.edu	Alum, George	gaf6@ILITV@uiuc.edu
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VISIT OUR WEB SITE FOR E-MAIL ADDRESSES OF  
 CURRENT FACULTY & STUDENTS  
[HTTP://WWW.NUTRSCI.UIUC.EDU](http://www.nutrsci.uiuc.edu)

*Each year we ask faculty, staff or alumni to answer a question. The replies are always insightful. This year's question and replies from our alumni are summarized below:*

**HAS YOUR CAREER MET YOUR EXPECTATIONS FROM WHEN YOU WERE IN GRADUATE SCHOOL?  
IF NOT, WHAT WOULD YOU CHANGE?**

**Manuel Baldeon Ph.D. 1998:** In general yes, I would have added more clinical work to my training at the U of I.

**Edward Basgall Ph.D. 1983:** Tremendously surpassed my expectations. I'm in a totally different field and enjoy sharing my biological/chemical experience with engineers and physicists.

**Sam Ejadi M.S. 1990:** Wouldn't change anything. Actually starting to apply what I learned in Nutritional Sciences to Clinical Trials, which was always my goal. Appreciate my experience in Urbana even more now.

**Alyce Fly Ph.D. 1991:** Not doing as much research as I expected; much larger teaching load. Wish I had taken more stats/experimental design courses (took Agron 340 and 440) with orientation on conduct of clinical and community population studies, including sampling methods, survey design, non-parametric procedures – not sure if this was available. Still very pleased with training I received at U of I.

**Yolanda Goode M.S. 1993:** I would say not really. Not a disappointing no, but no in that the path I am on is totally different than I imagined for myself. The Cooperative Extension System has been good grooming ground to improve and develop professional skills that would allow me to excel in other fields. I do use my nutrition background to do education classes with young people. I would focus my professional energy toward a career in health and wellness. Right now, I have too many hats to juggle.

**Lesley Helyar Ph.D. 1991:** For several personal reasons, my career has taken some unexpected turns. Nonetheless, my training and experiences as a U of I Nutritional Sciences graduate student have proven to be extremely useful. The only aspects I might add would be some managerial skill areas, e.g. personal supervision, strategic planning, budget analysis, etc.

**Guy Johnson Ph.D. 1976:** To be honest, my career expectations while I was in graduate school were a bit fuzzy, but my U of I degree has served me exceedingly well. I am proud to be an alumni of the Division, and my experiences in the nutrition community during the past 25 years has been super.

**Barbara Kochanowski Ph.D. 1984:** Absolutely – I never could have imagined how a degree in nutrition could have prepared me to work in so many aspects of R&D in industry. The multi-disciplinary aspects of nutrition are analogous to the multi-functional aspects of product development. It takes many different skill sets to get the job done.

**Robert Landers Ph.D. 1970:** Foreign language requirement should have an alternative option e.g. equivalent in leadership/management (business) courses/seminars/workshops.

**Lisa Marshall Ph.D. 1981:** Yes and No, I would have tried for a Ph.D. in Biochemistry or Molecular Biology. It would have been a smoother entry into pharmaceutical research.

**Shelley McGuire M.S. 1988:** Absolutely nothing.



## HAS YOUR CAREER MET YOUR EXPECTATIONS FROM WHEN YOU WERE IN GRADUATE SCHOOL? IF NOT, WHAT WOULD YOU CHANGE?

**Tia Rains Ph.D. 1998:** My career has exceeded my expectations. I wish I had prepared better for a career in industry by taking a business class (finance) and food science classes, but I didn't know at the time that I was going into the food industry.

**Carl Sather M.S. 2001:** Should come to fruition once I come into a medical practice.

**Dan Schaefer Ph.D. 1976:** Yes, I have enjoyed my teaching activities, academic counseling responsibilities and research ideas. I already knew that I enjoyed working with animals and people before my formal education. I was and am able to continue to follow these interests.

**Aparna (Reddy) Waegner M.S. 1995:** The Nutrition Policy module sparked an interest in nutrition policy and after graduating with my master's I decided to step out of the lab and pursue policy work instead. Although I miss the lab, my current position is my dream job – developing and advocating state level child nutrition policies. I'm very glad that the program included other areas of nutrition. I'd like to see more business/marketing courses added for those going to work for the industry.

**Ann Ward M.S. 1991:** Yes, change more variety in courses selected.

## DIVISION WEB SITE

We are continually upgrading the Division Web Site. Our goal is to provide up-to-date and easily accessible information for potential applicants, alumni, students and faculty. Please bookmark our page ([www.nutrsci.uiuc.edu](http://www.nutrsci.uiuc.edu)) so that you can visit from time to time as we add new information! The site is divided into 6 major sections: *About the Division of Nutritional Sciences; Applications and Admissions; Courses and Seminars; Degree Requirements; Faculty Research Interests; Graduate Programs of Study; Graduate Students and Alumni;* and *Nutritional Sciences Endowment Fund (NEW)*. If you have not contributed as yet, the latter section provides a secure link for direct on-line contributions via the UIUC Foundation web site.

**Alumni** - Please visit the *Alumni Placement* section under the "Graduate Students and Alumni" link and make sure that your information is up-to-date. If not, simply click on the "Contact Us" link at the bottom of the page and e-mail us your updated information. Also, please feel free to let us know if you do not want your information included on the web site. In the Spring, we will post an Alumni Outcomes Assessment form that we will be asking you to complete and submit on-line. This information will be used to assist us in program evaluation and improvement. We would like alumni to complete the form at 2 and 5 years and then at 5 year increments, however, alumni are welcome to complete the questionnaire at any time.

**Potential Employers** - If you are looking for employees with specific skills or research expertise, check out the research interests of our current students under the "Graduate Students and Alumni" section. Also, check out our recent alumni who are currently in postdoctoral positions and may be thinking of permanent positions.

*If you have any comments or suggested improvements for the web site,  
contact us anytime at [nutrsci@uiuc.edu](mailto:nutrsci@uiuc.edu)*

PHOTO GALLERY FROM EB 2002!



The "Thank You Kiss"  
Jim Robinson and Sharon Donovan



Gil Leveille and Elizabeth Jeffery



Susan and Eric Gugger and daughters and  
Tracy Anthony and daughter



Linda Barenthin, Brian Berg,  
Trisha Toepfer, and Jing Chen



Eddie and John Erdman



Debra Sullivan and Maria Sapuntzakis



Yoo Kyoung Park and Marcia Monaco Siegel



Sharon Donovan, John Erdman, Jim Robinson, Tracy Anthony, and Dave Baker



Dale Bauman and Rod Stoll



Priscilla Visek and Mary Frances Picciano

*Please join us at EB 2003!*



**U of I Nutrition Mixer  
Sunday, April 13, 2003  
6:30 - 8:30 PM**

**San Diego Marriott  
Hotel and Marina**

**Division of Nutritional Sciences  
College of Agricultural, Consumer  
and Environmental Sciences  
449 Bevier Hall  
905 S. Goodwin Avenue  
Urbana, IL 61801**

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