



Nutritional Sciences News

Division of Nutritional Sciences University of Illinois at Urbana-Champaign

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A Word from the Editor

The tremendous growth of the Division of Nutritional Sciences made it quite a challenge to catch up on everyone's accomplishments within the past year and delayed this issue. Future issues, however, will appear on an annual basis, so please keep us informed about the news and exciting events that occur in your life. Thanks are extended to all the faculty, students, and alumni who contributed to this issue.

Sincerely,

Wendy Markham

A Word from the Director

We are pleased to restart the Division's newsletter as a means of announcing the notable accomplishments of our faculty, students, and alumni. Their past accomplishments and the promising future of the Division inspire us with optimism. The widespread and powerful interest in the science of nutrition has created an insatiable appetite for the challenges and opportunities of our campus-wide program. Therefore, we proudly share with our friends, colleagues, and alumni some of our best moments from the last academic year.

Sincerely,

John A. Milner

NS Graduate Student Association Fosters Esprit de Corps

During the past year, the Nutritional Sciences Graduate Student Association (NSGSA) sponsored twelve informal meetings between Nutritional Sciences graduate students and visiting scholars to the UIUC campus. These informal gatherings were aimed at providing an opportunity for students to meet informally with guests of our community.

In early September, the NSGSA sponsored its annual New Student Orientation Meeting. Dr. Milner and Mr. Bob Miller, NSGSA cochairperson, led a brief orientation session, and an informal reception followed.

In September, the Association sponsored an informal picnic (feeding frenzy) followed by soccer, football, conversation, and loads of fun.

Current goals of the NSGSA include the establishment of a weekly Journal Club and the recruitment of distinguished experts in nutrition to visit our campus.

Shirts and Sweatshirts Are Available

The NSGSA is continuing to sell t-shirts and sweatshirts with the Division's logo. Orders can be placed by writing Ms. Janet Novotny at 448 Bevier Hall, University of Illinois, Urbana, IL 61801 or calling (217) 333-4589.

Eight Guests Address Issues in Nutrition

During the past ten months, eight scholars, in addition to those associated with the Diet, Exercise, and Health lecture series, visited the Division and presented titillating reviews of issues in nutrition. The speakers and lecture titles were as follows: Dr. M. Nevelle, University of Colorado – "Endocrine Regulation in Lactation"; Dr. M. Hamosh, Georgetown University, – "Digestive Enzymes in Milk: Species Differences"; Dr. F. Cumming, Queensland Institute of Technology, Australia, – "Lactation in Australian Women: Factors Affecting the Vitamin and Trace Element Content of Human Milk"; Dr. A. Sols, Autonoma University, Madrid, – "Enzyme Regulation in Cells: From Test Tube to Cells"; Dr. G. Fless, University of Chicago, – "Biochemistry and Biology of LDL Variant, Lipoprotein (a)"; Dr. G. Beauchamp, Monell Chemical Senses Center, Philadelphia, Pennsylvania, – "The Development and Modification of Salt Taste Preference in Humans"; Dr. P. Healy, New South Wales, Australia, – "Inherited Diseases of Amino Acid Metabolism in Newborn Calves"; and Dr. T. Gapaldas, Baroda, India, – "Reduction of Dietary Bulk for Young Child Feeding."

External Advisory Committee Meeting

The yearly meeting of the Division's External Advisory Committee was held on September 16. The purpose of this meeting was to review our past accomplishments and discuss our future plans. The committee discussed mechanisms to strengthen and stabilize Nutritional Sciences, facility needs to optimize nutrition research, and graduate student recruitment. Present committee members and affiliations are Dr. Burdette Breidenstein, Director, Nutrition Research, National Livestock and Meat Board; Dr. Ronald Chance, Research Advisor, Lily Research Laboratories; Dr. James Kirk, Vice President for Research and Development, Campbell Institute for Research and Technology; Dr. William MacLean, Jr., Medical Director, Ross Laboratories; Dr. Elwood Speckmann, President, National Dairy Council; Dr. Bruce Stillings, Vice President, Biscuit Technology, Nabisco Brand Technology Center; Dr. David Thompson, Vice President, Planning and Development, International Mineral and Chemical Corp.; Dr. Gilbert Leveille, Vice President of Science, Nabisco Brand Technology Center; Helen Satterthwaite, Illinois State Representative; Dr. Myrtle L. Brown, Professor, Department of Biochemistry and Nutrition, VPI and State University; Dr. Phillip L. White, Director (Retired), Division of Personal and Public Health Policy, American Medical Association; Dr. Kristen McNutt, President, Consumer Choices Unlimited; Dr. David Hurt, Director of Nutrition, The Quaker Oats Company.

Diet, Exercise and Health Lecture Series

Immense public interest sparked the development of a four-part lecture series on the influence of nutrition and physical activity on health and wellness. This series, initiated by the Division of Nutritional Sciences and the Department of Kinesiology, with added support from a variety of units on the UIUC

campus, featured keynote presentations to the community by world renowned authorities. The topics covered were "Nutrition and Exercise: Implications for Health and Physical Performance" by Dr. E.R. Buskirk, Pennsylvania State University; "Is Obesity a Disease of Inactivity?" by Dr. J.S. Stern, University of California at Davis; "Nutrition, Exercise, and Bone Health: The Calcium Controversy" by Dr. R.P. Heaney, Creighton University; and "Exercise, Cholesterol, and Your Heart" by Dr. P.D. Wood, Stanford University. Each guest also led a seminar covering his/her recent experimental findings and visited with students and faculty throughout the UIUC campus.

Four Nutritional Sciences Faculty Members Give International Lectures

Dr. Richard Boileau traveled to Sao Paulo, Brazil, where he presented two papers: "Measuring Body Composition in Children and Youth" at the Centro de Estudos do Laboratorio de Aptidao Fisica and "Metabolic Aspects of Children in Exercise" at the XV International Symposium of Science and Sport.

Last July, Dr. Jimmy Clark presented "Challenges to Increase Milk Production and Efficiency of Feed Utilization" at the meeting of the Ralston Purina International Scientific Board held in Marbella, Spain.

Dr. Ralph Nelson was a Visiting Professor in Nutrition at the University of Alberta in Edmonton, Canada. His presentations included "How to Write a Diet Prescription"; "Metabolism of Bears - Lessons for Human Beings"; "Physical Findings of Malnutrition and Use of Infrared Thermography to Quantitate Heat Loss in Human Beings."

Dr. Abigail Salyers presented "Recent Advances in Gastrointestinal Microbiology" to the British Society for Microbiology in Aberdeen, Scotland.

Nutrition Faculty Talk to a Variety of National Groups

Dr. Richard Boileau presented "Body Composition and Child Performance" to the North American Society of Pediatric Exercise Medicine in Aspen, Colorado.

"Bioavailability of Manganese as a Function of Calcium and Phosphorus Intake" was the paper Dr. David Baker presented at the Maryland Nutrition Conference in Baltimore. Dr. Baker also spoke on "Factors Affecting Amino Acid Requirements" at the Biokyowa Company Symposium this past October in St. Louis, Missouri.

Dr. Jimmy Clark's schedule of speaking engagements is as busy as a popular musician's. The highlights of his nationwide "tour" last year included lectures entitled "Effect of Postprandial Protein Amino Acid or Glucose Infusions on Performance of Lactating Dairy Cows" at the Cargill Research Conference in Ogden, Utah; "Effect of Source and Amount of Dietary Protein on Flow of Nutrients to the Small Intestine of Lactating Cows" for the Tennessee Eastman Company in Kingsport, Tennessee; "Progress in Ruminant Amino Acid Research" at the 4th Annual Biokyowa Amino Acid Council Meeting in St. Louis, Missouri; "By-product Feeds as Source of Amino Acids for Dairy Cows" for the Pacific Northwest Animal Nutrition Conference in Portland, Oregon; "Progress Report on Dairy Research Using Total Mixed Ration (TMR) Hay Cubes" for the Illinois Hay Marketing Conference in Springfield, Illinois; "Meeting the Energy Needs of the High-Producing Dairy Cow" for Church and Dwight Co., Inc. Conference in Fresno, California; "Progress Report on Feeding Cubed Alfalfa and Corn By-products to Dairy Cows" for the Research Board of the Distillers Feed Research Council in Cincinnati, Ohio; and also in Cincinnati, "Factors Affecting Microbial Protein Passage to the Small Intestine of Ruminants" for the 43rd Conference of the Distillers Feed Research Council.

Dr. Terry Hatch spoke on "Needs Assessment in Continuing Education" at the Alliance for Continuing

Education Annual Conference in January.

The University of Minnesota in Minneapolis hosted Dr. Elizabeth Jeffery in June when she presented "DMSO Protection Against Acetaminophen Toxicity."

Dr. Li Li Ji gave a seminar to students and faculty at Ohio State University in Columbus on "Free Radical-Mediated Cell Damage and Antioxidant Enzymes in Exercise."

In July, Dr. Richard Magin presented the topic "Development of Contrast Agents for Magnetic Resonance Imaging" at the University of Florida-Gainesville NMR Center.

"Antioxidants and Cancer" was Dr. John Milner's topic for the Eighth Annual Nutrition in Contemporary Medicine Symposium at Park City, Utah. He also discussed "Diet and Cancer" as part of the symposium on Changing Patterns of Food Consumption and Nutrition in the US — Implications for Agriculture held at Purdue University in March.

Dr. Sorab Mistry participated in the Biotin Symposium held last October at Case-Western Reserve University School of Medicine in Cleveland, Ohio, in honor of Professor Harland G. Wood's 80th birthday.

Dr. Mary Frances Picciano's speeches over the last year have included "Protein Utilization in Term Infants" at the University of Chicago; "Nutritional and Health Benefits of Human Milk Feeding" at the Indiana Dietetic Association's 56th Annual Spring Meeting in Fort Wayne, Indiana; and "Evidence for Increased Nutrient Requirements During Lactation: Human and Animal Studies" at the National Institute of Child Health and Human Development Workshop in Washington, D.C.

A short course entitled "Determination of Moisture by Pulsed Nuclear Magnetic Resonance" was given by Dr. Shelly Richardson at the American Oil Chemists' Society Annual Meeting held in May in Phoenix, Arizona.

Dr. James Robinson presented an update on the topic "DUMPS in Holstein Cattle: Current Status and Recommendations" to the Executive Committee of the Holstein Association of America in St. Louis, Missouri.

"Soybean Use Potential" was Dr. Arthur Siedler's topic of discussion at the Illinois Soybean Operating Board

Meeting in Bloomington, Illinois.

The National Dairy Council chose Dr. Willard Visek as a visiting professor for its meeting this past April. At that meeting, he spoke on "Writing a Diet Prescription". In May, he spoke on "Diet and Cancer" at the St. Louis Dairy Council's Science Writers Conference in Kansas City, Missouri. Dr. Visek spoke again in October on "Diet and Cancer" before the Conference on Nutrition and Aging at the University of Texas Medical Branch, Department of Internal Medicine in Galveston, Texas.

NBC Today Show Covers Project

Dr. Leann Birch received national exposure when the NBC "Today Show" covered her project entitled "The Proper Way of Dealing with Children's Eating Disorders." The children involved in the study were filmed both at the project site and at home. Although Dr. Birch was disappointed by not being interviewed by Bryant Gumbel, she was pleased with the program's coverage.

Seven Receive National Institutes of Health Grants

National Institutes of Health grants have been awarded to Dr. John Erdman to continue his collaborative research with Dr. J. Olson of Iowa State University on the metabolism of carotenoids, and to Dr. John Milner to continue his research on the effect of dietary selenium on the initiation of 7,12-dimethylbenz(a)anthracene carcinogenesis. Dr. William O'Brien has received NIH Subcontracts from several institutions, including the University of Cincinnati Medical Center, to research "Human Ultrasound Dosimetry in Ovarian, Embryonic, and Fetal Examinations"; the Medical College of Wisconsin in Milwaukee for "Ultrasonic Tissue Characterization of Ischemic Myocardium"; and the University of Washington in Seattle for "Ultrasonic Characterization of Human Micro-

wounds." Dr. O'Brien also received a competitive renewal of his NIH grant for "Flow Quantification via Ultrasound Time Domain Correlation."

Competitive NIH renewals included Dr. Mary Frances Picciano's grant for "Human Milk Selenium Content and Distribution;" Dr. Richard Boileau's grant for "Fat and Fat-Free Body Composition Development in Aging;" and Dr. Leann Birch's grant for "Associative Conditioning of Children's Food Preferences."

Other Major Support

In addition to the NIH grants that were mentioned, faculty have been successful in obtaining support from a variety of other federal, state and society sources. Below are given some of the new and major sources of the support faculty members received during the last year. Dr. Richard Boileau received a grant from the Illinois Association for Health, Physical Education, and Recreation for research on "Hormonal and Metabolic Responses to Aerobic Exercise in Amenorrheic and Eumenorrheic Women." The Illinois Corn Marketing Board and the State of Illinois awarded Dr. Jimmy Clark a grant for his study of "Effect of Frequency of Feeding and Processing on Rumen Fermentation, Diet Acceptability, Milk Production and Milk Composition." Government grants are supporting three of Dr. Elizabeth Jeffery's projects: A U.S. Geological Survey Grant is funding "Aluminum in Drinking Water"; "Environmental Metals in Equine Kidney" is supported by a grant from NATO; and "Correlations of Oxidative Stress with DNA Damage" is supported by a grant from the Hazardous Waste Research Information Center. The American Heart Association, Illinois affiliate, is supporting Dr. Li Li Ji's research into "Free Radicals and Antioxidant Enzymes in the Heart During Exercise." A National Science Foundation grant was awarded to Dr. Ralph Nelson for his study, "Metabolic and Behavioral Adaptations for Extended Fasting in Polar Bears." A grant from the Holstein Association of America went to Dr. James

Robinson for research on the "Incidence and Inheritance of DUMPS Among Holstein Cattle." Dr. Keith Singletary received a grant from the American Institute for Cancer Research to study "Alcohol and Breast Carcinogenesis."

Industry Grants

A wide variety of the faculty's research projects is being supported by grants from industry. Dr. James Kaput received a grant from the Kodak Corporation for his project, "Effects of High and Low Fat Diets on Gene Expression." Rhone-Poulenc, Inc. awarded Dr. Michael Murphy a grant to study "The Effects of Nicotinic Acid on In Vivo Lipolysis, Nutrient Digestibility and Milk Production." Dr. Jimmy Clark received a grant from the American Cyanamid Company to research the "Efficacy of Sustained Release Recombinant Bovine Somatotrophin (BST) in Lactating Dairy Cows at 3 Dosage Levels." Biotechnology Research and Development Corporation has given Dr. Abigail Salyers a grant to develop a "Genetic System for Rumen Anaerobes."

Faculty Team Up

The recognition that the whole is greater than the sum of its parts has inspired Nutritional Sciences faculty members to join forces to address issues in nutrition. Dr. Clark and Dr. Murphy are working together on two research projects funded by two organizations. Church and Dwight Co., Inc. awarded these two researchers a grant to study the "Effect of Feeding MEGALAC on Nutrient Utilization and Milk Production by Dairy Cows in Early Lactation." The American Jersey Cattle Club is also supporting their research into "Nicotinic Acid and Dietary Fat Interactions in Dairy Cattle." Dr. David Baker and Dr. Ralph Nelson have received a grant from A.E. Staley Company to research the "Effects of Corn Bran Consumption on Type II Hyperlipidemia." Dr. Willard Visek and Dr. James Kaput have received a grant from Kodak Corporation to study

"The Effect of Lipid Intake on Gene Expression within the Mammary Gland."

Incomplete List of Honors and Awards for 1987-1988

Two Awarded Distinction Grants

Dr. Richard A. Boileau's undergraduate college, Greenville College, in Greenville, Illinois, presented him with its Distinguished Alumnus Award for his accomplishments in exercise physiology.

The USDA Distinguished Service Award, the highest USDA award, was presented to Dr. David H. Baker by the U.S. Secretary of Agriculture. Recipients are selected on the basis of their overall research contributions to agriculture. Since the start of the award three years ago, only two nutritionists have been recipients and both have ties with the University of Illinois. Dr. Baker is a faculty member, and Dr. Dale E. Bauman of Cornell University is a former faculty member.

Chairman's Achievement Award Presented to Erdman

Dr. John W. Erdman, Jr. was presented the 1988 Chairman's Achievement Award by the Chicago Section of the Institute of Food Technologists. The award was given to Dr. Erdman in recognition of his dedication as coordinator of the Food Science master's degree program in the Chicago area since its beginning in 1980. The program is an extension of the University of Illinois' Food Science program and graduates an average of six students per year.

Borden Award Presented to Klein

The American Home Economics Association's 1988 Borden Award was given to Dr. Barbara P. Klein for "Research in Nutrition and Experimental Foods." The Borden Award is given to one who has made significant contributions to the understanding of food, nutrition, and home economics. The award was granted to Dr. Klein specifically for her research involving the identification of natural substances in plants that could replace synthetic preservatives.

Nishida's Research Worthy of NIH Merit Award

Dr. Toshiro Nishida is the recipient of the highly prestigious NIH Merit Award presented by the National Heart, Lung, and Blood Institute. The stiff criteria include (1) a regular research project grant application that is deemed highly meritorious by the initial review group; (2) a past record of significant achievement and demonstrated leadership in the research area addressed by the grant application; and (3) an area of research of recognized importance or promise. As the recipient of a Merit Award, Dr. Nishida's grant entitled "Role of Plasma Lipoproteins in Atherosclerosis," which was renewed for a period of five years, may be extended up to a total of ten years.

Picciano Honored with Funk Award

The Paul A. Funk Recognition Award was given to Dr. Mary Frances Picciano for her contributions to maternal and infant nutrition. The Funk Award honors faculty in the College of Agriculture who have demonstrated high achievement in working for the betterment of agriculture.

Peers Name Visek Top Faculty Member

The faculty members of the University of Illinois' College of Medicine at all four sites - Peoria, Rockford, Chicago and Champaign - honored Dr. Willard J. Visek with the 1988 Faculty of the Year Award at the Honors Convocation at the University of Illinois - Chicago. Dr. Visek was selected on the basis of his teaching and research contributions to the College of Medicine.

Forbes Named AIN Fellow

Dr. Richard M. Forbes was inducted as an AIN Fellow in recognition of his distinguished career in nutrition research spanning the past 20 years. During this time, he has devoted most of his energy to the study of mineral metabolism, making major contributions to the study of the roles of magnesium and zinc in nutrition, as well as investigating the roles of calcium, phosphorus, nickel, copper, and lead. He was first

to claim that calcium supplementation impaired zinc bioavailability when a diet is based on plant proteins but not when based on animal proteins. Dr. Forbes was on the faculty of the University of Illinois from 1949 - 1985 and continues to work with students, faculty, and committees.

Professional Activities

The involvement of the faculty of the Division of Nutritional Sciences in the following list of boards and committees exemplifies the diversity of the program.

Editorial Boards

Appetite—Leann Birch; Medicine and Science in Sports and Exercise - Richard Boileau; Journal of Nutrition and CRC: Critical Reviews in Food Science and Nutrition—John Erdman, Jr.; Journal of Pharmacology—Elizabeth Jeffery; Lipids—Patricia Johnston (Associate Editor); Journal of Micronutrient Analysis—Barbara Klein; IEEE Transactions on Biomedical Engineering—Richard Magin (Associate Editor); Journal of Nutrition—John Milner; Journal of Dairy Science—Michael Murphy; Physician and Sports Medicine - Ralph Nelson; Journal of Diagnostic Sonography, Journal of Cardiovascular Ultrasonography, Journal of Ultrasound in Medicine, and IEEE Ultrasonics Ferroelectrics and Editor-in-Chief of Frequency Control—William O'Brien; Applied Microbiology and Biotechnology—Abigail Salyers.

Committee Participants

Many faculty served on national committees during the past academic year. A partial list includes Dr. Baker and Dr. Erdman on the National Research Council - Nutrient Bioavailability in Foods and Feeds; Dr. Erdman on the national committee of the American Society of Clinical Nutrition - Food Additives Survey Data Division; Dr. Klein on the Institute of Food Technologists Basic Symposium Committee; Dr. Magin on the NIH Small Business Innovative Research Program; Dr. Milner on the NIH Nutrition Study Section, American Cancer Society Cancer Prevention

Committee, National Science Foundation - National Research Council Graduate Fellowship Evaluation Panelist in Biomedical Sciences; Dr. Murphy on the American Dairy Science Association Feeding and Management Committee; Dr. Picciano on the Nutritional Services Advisory Committee, Illinois Department of Public Health, Intervention Review Committee for the NIH/NCI, USDA Competitive Research Grants Review Panel, American Institute of Nutrition Program Planning Committee; Dr. Salyers on the National Foundation Grant Review Panel; and Dr. Visek on the American Institute of Nutrition-Life Sciences Research Office Advisory Committee, American Society of Clinical Nutrition Committee on Education, National Dairy Council Science Advisory Committee.

Other Notable Faculty Assignments

The following notable assignments have been made: American College of Sports Medicine Board of Trustees - Dr. Richard Boileau; Veteran's Administration Physician and Dentist In-Resident Program - Dr. Ralph Nelson; Chairman for 1989 FASEB Summer Workshop "Nutrients, Gene Expression and Cancer" - Dr. Willard Visek.

Sabbatical Leaves

In August, 1988, Dr. Peter J. Bechtel took his sabbatical leave to study the molecular biology of cultured muscle cells at the University of Karolinska in Stockholm, Sweden.

Miscellaneous Yet Important Facts

Dr. Aslam Hassan has been promoted to Associate Professor with tenure.

Dr. Ji's new laboratory in the Department of Kinesiology will be devoted to the biochemistry of exercise. He has initiated a new course entitled "Exercise Biochemistry: Response, Regulation and Adaptation."

Dr. Shelly Richardson married Mr. Arthur Schmidt on August 20, 1988.

Student Honors and Awards

Graduate Research Grant Recipients

Ms. Deborah O'Connor received a Graduate College Dissertation Research Grant for her research entitled "Iron and Folate During Reproduction." Thesis/Project Support was allocated to Ms. Nancy Goff for her M.S. thesis project, "Tryptophan Status of Human Milk-Fed and Formula-Fed Infants."

Presentations

FASEB Meeting Presenters

Eight Nutritional Sciences students presented abstracts at the FASEB Annual Meeting in May. Presenters and their topics included Ms. Shwu-Kuan Jaw, "The Effect of Dietary Zinc Status on Biliary Metal Secretion"; Ms. Deborah O'Connor, "Folate Utilization in Reproducing Swine and Their Progeny in the Presence and Absence of Supplemental Iron"; Ms. Melissa Meredith, "Threonine Metabolism in Black Bears"; Ms. Nancy Goff, "Tryptophan Intake and Concentration in Plasma of Human Milk-Fed Infants"; Ms. Hsi-chiang Lin, "Effect of Dietary Protein and Fat on Fecal Ammonia and Intracolonic pH in Male Holtzman Rats"; Mr. Lincoln Potter, "Effects on Metabolizable Energy in Rats by Feed Restriction Versus Removal of Calories from Fat and Carbohydrates"; Mr. Matthew Kuchan, "Influence of Cell Density and Glutathione on Selenite-Induced Growth Inhibition of Canine Mammary Tumor Cells in Culture"; and Mr. Timothy Elliott, "Renal Damage and Urinary Lithiasis in Mice Fed Orotic Acid." At the FASEB Summer Conference in Saxtons River, Vermont, Mr. Christopher Poor presented his topic "Retinoids."

Other Special Presentations

Ms. Michelle Brown presented her topic, "Evidence for an Increased Selenium Requirement During Human Lactation", at the American Society for Clinical Nutrition Annual Meeting in Washington, D.C. Last May in New Orleans, Ms. Denise King, Dr. Klein, and Dr. Shlamo Grossman were invited by the American Oil Chemists Society to

speak at their national meeting on the topic "Plant Lipoxygenases: Characterization, Cooxidation, and Control." Ms. King and Dr. Klein also traveled to Los Angeles for the American Chemical Society National Meeting, where they presented "Effect of Flavenoids and Related Compounds on Soybean Lipoxygenase-1 Activity."

Ms. Connie Krashoc gave three local presentations last spring. She discussed "Respiratory Nutrition and the Ventilator Dependent Patient" for the respiratory therapy students from Parkland College. Ms. Krashoc presented her topic, "Translation of the Prudent Diet Prescription", to two different groups: Carle Hospital cardiologists and Carle's third-year medical students. In addition, Ms. Krashoc was the Nutrition Consultant for the University's intramural program "Fat Tuesday."

Miscellaneous

Wedding Bells Galore!

Congratulations to the following Nutritional Sciences students who were recently married.

Ms. Connie Krashoc, from Dr. Nelson's group, was married to Dr. Daniel Lubben August 6, 1988.

Ms. Michelle Brown, from Dr. Picciano's group, was also married August 6, 1988. She married Mr. Mark McGuire, a University of Illinois graduate, who is currently at Cornell.

Ms. Nancy Goff, from Dr. Picciano's group, was married November 26, 1988, to Mr. Brian O'Connell, a Notre Dame graduate.

Mr. Matt Kuchan, from Dr. Milner's group, married Ms. Sandy Rebres, a University of Illinois graduate student in Foods and Nutrition, October 22, 1988.

Ms. Karen Voss, Dr. Milner's lab technician, was married to Mr. Brian Gilbert, a University of Illinois graduate student, August 27, 1988.

Alumni News

1969

Mary Jacob (Ph.D.) was promoted in June 1988 to professor in the Department of Home Economics at California State University in Long Beach.

1970

James G. Bergan (Ph.D.), acting head of the Department of Food Technology at Hawkesbury Agricultural College in Richmond, Australia from January through July, now holds the position of Senior Lecturer for the department.

Robert E. Landers (Ph.D.) has been the director of nutrition and toxicology for Best Foods in Union, New Jersey, for the past ten years.

1971

Ifeanyi J. Arinze (Ph.D.) is a professor and chairman in the Department of Biochemistry at Meharry Medical College in Nashville, Tennessee.

Melvin T. Yokoyama (Ph.D.), professor, Department of Animal Science at Michigan State University, taught and conducted research at Centro de Ganaderia, Colegio de Postgraduados, Chapingo, Mexico this past summer.

1972

Race L. Kao (Ph.D.) is the director of surgical research at the Allegheny Singer Research Institute in Pittsburgh, Pennsylvania, as well as a professor at the Medical College of Pennsylvania in Philadelphia.

1976

Florian L. Cerklewski (Ph.D.) is an associate professor in the Department of Foods and Nutrition at Oregon State University in Corvallis.

Kathleen M. Koehler (Ph.D.) received tenure in the Department of Health Promotion at the University of New Mexico in Albuquerque this past June.

1977

Uri Piran (Ph.D.) is a senior scientist for Ciba Corning Diagnostics Corporation in Walpole, Massachusetts.

Howard R. Spires (Ph.D.) is a research manager in the Department of Animal Nutrition and Growth for Syntex Research in California.

1978

Warren J. Croom, Jr., (Ph.D.) recently completed his sabbatical at Duke University Medical Center in the Department of Medicine, Division of Gastroenterology.

Steven K. Clinton (Ph.D.) was an intern and resident in the Department of Internal Medicine at the University of Chicago from July 1984 to July 1987. From Chicago, Dr. Clinton moved to Boston, where he was a visiting scientist from July 1987 to July 1988 at the USDA Human Nutrition Research Center on Aging at Tufts University. He is presently a clinical oncology fellow at Dana-Farber Cancer Institute and Harvard Medical School. In September of 1987, Dr. Clinton received his board certification in internal medicine.

1979

Pamela A. Anderson (Ph.D.) is the senior clinical research associate in the Department of Medical Affairs at Ross Laboratories in Columbus, Ohio.

Daniel M. Schaefer (Ph.D.) is an associate professor in the Meat and Animal Science Department at the University of Wisconsin-Madison. Dr. Schaefer has two children, Jeremy (9 years old) and Mary (2 years old).

1980

Edward A. Ulman (Ph.D.) is president of Research Diets, Inc., in New Brunswick, New Jersey.

1981

Thomas E. Edes (M.S., M.D.) is an assistant professor in the Department of Medicine at the University of Missouri in Columbia as well as the associate chief of staff in education for Truman Veterans Hospital in Columbia.

Frank W. Kari (Ph.D.) is a toxicologist for the National Toxicology Program, which is part of the National Institute of Environmental Health Science located in Research Triangle Park, North Carolina.

Rebecca Loomis (M.S.) is currently a third year resident in Family Medicine at Eastern Carolina University,

Greenville, North Carolina. For the 1988-89 term, she has been elected co-chief resident, as well as resident representative to the Education Committee for the North Carolina Family Medical Association.

1982

Lisa Marshall (M.S.) is the principal scientist in the Biochemical Unit of the Division of Immunopharmacology with Wyeth-Ayest in Princeton, New Jersey.

1983

Michael L. Brown (Ph.D.) is an assistant professor of medicine at both Boston University School of Medicine in the Department of Medicine and Boston Veterans Administration Medical Center in the Department of Homeostasis Research.

Lisa Reich (M.S.) is currently the associate product manager for the USCI Angiographic Systems Division of CR Bard, Inc., in Tewksbury, Massachusetts.

Ellen Rothstein (M.S.) is a supervisor for the Grants Section of the Rotary Foundation of Rotary International.

1984

JoAnn (Daehler) Miller (M.S.) is presently working for the Illinois Department of Public Health as a regional nutritionist in the Region 6 Office in Champaign, Illinois. She was married to Mr. Robert M. Miller, July 17, 1988.

Glenn A. Greeder (M.S.) is a board-certified physician of internal medicine in Portland, Oregon.

Mary A. Grummer (Ph.D.) is a postdoctoral fellow in the Department of Pediatrics at the University of Wisconsin-Madison. Her son, Jeffery, is 1 year old.

Michael Keenan (Ph.D.) is presently an assistant professor in the Department of Human Nutrition and Foods at Louisiana State University in Baton Rouge.

James D. Shoemaker (M.D., Ph.D.) is currently a postdoctoral trainee and instructor of medicine for the Doisy Department of Biochemistry and Department of Medicine at St. Louis University. Dr. Shoemaker completed his residency in Internal

Medicine at hospitals affiliated with the University of Illinois, College of Medicine at Urbana-Champaign. His first child, Kathryn Marie, was born last December.

Carolyn E. (Spriggs) Muchna (M.S.) is a part-time nutritional consultant. She has one child, Jessica Anne, who is 2 years old.

1985

Mary Deysher (M.S.) is chief clinical dietitian at Penobscot Bay Medical Center, Glen Cove, in Rockland, Maine. Ms. Deysher completed her qualifying experience for the RD this past April at Eastern Main Medical Center in Bangor, Maine.

Sharon Marshall Hoerr (Ph.D.) is an assistant professor in the Department of Food Science and Human Nutrition at Michigan State University in East Lansing.

1986

Alison L. Dixon (M.S.) is a staff research associate II at the University Hospital, University of California, San Francisco.

Kathryn Knosher Harden (Ph.D.) is a lecturer in biochemistry at the University of Illinois at Urbana-Champaign. She is also the mother of Jeffery, who is 4 years old, and Colleen, who was born last November.

Christopher L. Hatlestad (M.S.) is attending Southern Illinois Medical School in Carbondale. Mr. Hatlestad is currently a member of the Task Force on Nutrition Education for Southern Illinois University - Southern Illinois Medical School.

Lynn Janas (Ph.D.) is a clinical research associate for Ross Laboratories in Columbus, Ohio. Dr. Janas was married in May, 1987, to Dr. Craig Horswill, a graduate in exercise physiology at the University of Illinois. Their first child, Nathan William, was born July 15, 1988.

Anne H. Smith (Ph.D.) is presently an assistant professor in the Division of Foods and Nutrition at the University of Utah in Salt Lake City. Dr. Smith is also on the Board of Directors of the Utah Nutrition Council.

1987

Karen McCauley-Chapman (Ph.D.), clinical dietician at the Danville Veterans Administration Hospital, Danville, Illinois, is the proud mother of Elizabeth Anne, born July 7, 1988.

Nancy J. Moriarity (Ph.D.) is a research chemist for the Agricultural Research Service, a Division of the USDA, Eastern Regional Research Center in Philadelphia, Pennsylvania.

Maxine Fico Santoro (Ph.D.) is a postdoctoral research associate at Brookhaven National Laboratory in Upton Long Island, NY. She is the proud mother of a new baby boy born in September.

1988

Ronald Cotterel (M.D., M.S.) is in residency in family practice in Ann Arbor, Michigan.

Kevin L. Fritsche (Ph.D.) is an assistant professor in the Animal Sciences Department at the University of Missouri in Columbia. Dr. Fritsche's second child, Peter, was born last October.

Melissa Hendrix (M.D., Ph.D.) is house officer I (intern) in internal medicine at the University of Michigan Hospital in Ann Arbor. She has been inducted into Who's Who among students in American Universities and Colleges (1988). In June 1987, she was married to Norman Olken. Dr. Olken received his M.D. from the University of Illinois in 1987 and will begin doctoral studies in medicinal chemistry at the University of Michigan.

Melissa Meredith (M.D., M.S.) is serving her residency in internal medicine at the University of Wisconsin-Madison.

Raymond Yedinak (M.S.) is the proud father of a new baby girl named Mallory.

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