



**USDA/ARS Children's Nutrition Research Center  
at Baylor College of Medicine**

*Studying Nutrition Today for the Health of Future Generations*

**2002 Faculty Academic Activities**

**Steven Abrams, M.D.**

Speaker. "Neonatal Calcium, Zinc and Iron Requirements." Israeli Neonatology Association, Haifa, Israel, July 17, 2001. Speaker. "Using Stable Isotopes to Assess the Bioavailability of Minerals in Food Fortification Programs." International Atomic Energy Agency, International Conference on Nutrition, Vienna, Austria, August 31, 2001. Speaker. "Calcium, Magnesium, Phosphorus and Vitamin D Fortification of Weaning Foods." Pan American Health Organization, Washington, D.C., Oct. 4, 2001. Speaker. "Methodological Issues in Iron Stable Isotope Studies." Instituto de Nutricion y Tecnologia de los Alimentos (INTA), Santiago, Chile, Dec. 2, 2001. Speaker. "Use of Stable Isotopes in Mineral Nutrition Studies in Children." Institute of Nutrition and Food Hygiene, Chinese Academy of Preventive Medicine, Beijing, China, Jan. 5, 2002. Speaker. "Stable Isotope Iron Studies." Swiss Federal Institute of Technology, Zurich, Switzerland, May 13, 2002. Speaker. "Calcium Stable Isotope Studies of Absorption and Kinetics." Instituto Nacional de Salud Pública, Cuernavaca, Mexico, June 20, 2002. Speaker. "Calcium Issues in Infants and Toddlers." Johns Hopkins University Pediatric Nutrition Symposium, Baltimore, Maryland, June 24, 2002.

**Cheryl B. Anderson, Ph.D.**

Speaker. "Parental and Adolescent Beliefs on the Value of Vigorous and Moderate Physical Activity." Annual Meeting of the American College of Sports Medicine, St. Louis, Missouri, May 31, 2002.

**Tom Baranowski, Ph.D.**

Invited Speaker. "Mediating Variable Paradigm for Analyzing Why Community Interventions Are Not Working As We Might Like." Behavior Change Consortium, National Institutes of Health, Washington, D.C., July 12, 2001. Invited Closing Speaker. "Where is the Future of Nutrition Education?" Annual Meeting of the Society of Nutrition Education, Oakland, California, July 25, 2001. Invited Lecturer. "Social Cognitive Theory and Health Behaviors." Department of Preventive Medicine and Community Health, The University of Texas Medical Branch-Galveston, Galveston, Texas, November 7, 2001. Invited Lecturer. "School-based Obesity Prevention." The American Academy of Health Behavior, Napa, California, March 26, 2002. Invited Speaker. "Cancer Prevention with Children." Donor's Luncheon of the American Cancer Society, Houston City Club, Houston, Texas, April 2, 2002. Invited Speaker. "The Role of Mediating Variables in Behavior Change Programs." Houston Behavioral Nutrition and Physical Activity Seminar, Houston, Texas, June 7, 2002. Invited Lecturer. "School-based Obesity

Prevention: a Blueprint for Taming the Epidemic.” Fourth Annual Danone Institute of Canada Symposium, 45th Annual Meeting of the Canadian Federation of Biological Societies, Montreal, Quebec, Canada, June 15, 2002.

### **Dennis M. Bier, M.D.**

Invited Participant. “Energy and Protein Requirements in Human Nutrition.” Working Group, The Food and Agricultural Organization of the United Nations (FAO)/ World Health Organization (WHO)/ United Nations University (UNU), Rome, Italy, July 1-6, 2001. Chair. Nutrition Session, European Society for Paediatric Research Annual Meeting, Helsinki, Finland, August 5-8, 2002. Invited Participant. “Genetic Variation and Nutrition.” Fiftieth Nestlé Nutrition Workshop, Montreux, Switzerland, October 7-11, 2001. Interviewee. “Food Irradiation.” By Silvia Castenada for KPRC-TV, Houston, Texas, October 23, 2001. Invited Participant. Eighth Annual Meeting of The Private and Public, Scientific, Academic and Consumer Food Policy Group, Harvard University, Boston, Massachusetts, November 18-19, 2001. Symposium Organizer. Third Annual Case Western Reserve University-Children’s Nutrition Research Center Neonatal Metabolism Workshop, Houston, Texas, January 8-9, 2002. Chair. “Influence of Genes and Environment on Behavior.” International Life Sciences Institute Annual Meeting, Cancun, Mexico, January 22, 2002. Chair. “Nutrition and Diseases.” International Symposium on Nutritional Sciences, Shanghai, China, April 3, 2002. Invited Speaker. “Effect of Dietary Macronutrient Composition on Energy Expenditure, Fuel Oxidation, Insulin Secretion, and Insulin Sensitivity in Children.” International Symposium on Nutritional Sciences, Shanghai, China, April 3, 2002. Invited Participant. Prevention/Therapy Writing Group. “Obesity, A Worldwide Epidemic Related to Heart Disease and Stroke.” American Heart Association Prevention VII, Honolulu, Hawaii, April 28, 2002. Invited Speaker: Lewis A. Barness Lecturer, University of South Florida College of Medicine. “Dietary Composition, Energy Balance and Insulin Sensitivity in Children.” Tampa General Hospital, Tampa, Florida, May 23, 2002. Invited Speaker: Lewis A. Barness Lecturer, University of South Florida College of Medicine. “Obesity: Eat Less, Exercise More or Blame It on Your Genes?” All Children’s Hospital, St. Petersburg, Florida, May 23, 2002.

### **Douglas G. Burrin, Ph.D.**

Speaker. “Glucagon-like Peptide 2: a Nutrient-responsive Intestinal Growth Factor.” Department of Animal Science, Cornell University, Ithaca, New York, October 19, 2001. Invited Speaker. “Importance of Neonatal Nutrition: What Have We Learned from Human and Animal Studies?” Cornell Nutrition Conference symposium: “Maximizing the Impact of Nutrition on Animal Development,” Rochester, New York, October 20, 2001. Member. Animal Protocol Review Committee, Baylor College of Medicine, 2002. Speaker. “Enteral Versus Parenteral Nutrition: Does It Matter to the Neonatal Gut?” Department of Agricultural, Food, and Nutritional Science, Nutrition and Metabolism Research Group, University of Alberta, Edmonton, Alberta, Canada, January 20, 2002. Speaker. “Metabolic and Trophic Actions of Glucagon-like Peptide 2 in the Neonatal Gut.” Division of Nutritional Sciences, College of Agricultural, Consumer, and Environmental Sciences, University of Illinois, Urbana, Illinois, March 7, 2002.

### **Nancy F. Butte, Ph.D.**

Invited Participant. “ ‘Adi-Map,’ An Obesity Gene Mapping Collaborative Project.” National Institutes of Health, Rockville, Maryland, July 27, 2001. Speaker. “Prevalence of Obesity among Hispanic Children in the United States.” Instituto Mexicano Social Seguridad Nutrition Symposium, Mexico City, Mexico, August 14-15, 2001. Speaker.

"Diet and Childhood Obesity." NAASO 2001: From Laboratory Investigation to Clinical Practice, North American Association for the Study of Obesity, Quebec, Canada, October 7-10, 2001. Attending Member. American Society for Clinical Nutrition Council Meeting. American Society of Clinical Nutrition, Baltimore, Maryland, October 14-15, 2001. Chair/Speaker. "Energy Requirements of Infants." Joint FAO/WHO/UNU Expert Consultation on Energy and Protein in Human Nutrition, FAO/WHO/UNU, Rome, Italy, October 17-24, 2001. Speaker. "Fat as an Energy Source in Neonatal Nutrition." Workshop on Infant and Neonatal Nutrition, Baylor College of Medicine, Houston, Texas, January 8-9, 2002. Speaker. "Energy Requirements of Pregnant Women with Low, Normal, and High BMI." Neonatal Nutrition Conference, Baylor College of Medicine, Houston, Texas, March 3, 2002. Treasurer. American Society for Clinical Nutrition Budget and Finance Meeting, American Society for Clinical Nutrition, Baltimore, Maryland, March 12-13, 2002. Speaker. "Protein and Energy Interactions." Joint WHO/FAO/UNU Expert Consultation on Protein and Amino Acid Requirements in Human Nutrition, Geneva, Switzerland, April 9-16, 2002. Speaker. "Normative Body Composition during the First Two Years of Life." Nutritional Sciences Department Seminar, University of California, Davis, California, May 11-14, 2002.

### **Joan B. Carter, R.D., M.B.A.**

Spokesperson. American Dietetic Association, Houston area. Web Site Manager. Food and Culinary Professionals practice group, American Dietetic Association. Web Site Manager. Houston Area Dietetic Association.

### **David M. Cohen, Ph.D.**

Speaker. "Glutamine Cycling in Working Rat Heart." Experimental Biology 2002, New Orleans, Louisiana, April 23, 2002.

### **Orla M. Conneely, Ph.D.**

Chair. Patent Committee, Baylor College of Medicine.

### **Karen Cullen, Dr. P.H.**

Presenter. Posters: "Middle School Student Reports of Possible Influences on Eating Fruit, Juice and Vegetables," "Middle School Students' Lunch Beverage Choices," and "Middle School Students' Lunch Food Selections: Results from Student Interviews." Society of Nutrition Education Annual Meeting, Oakland, California, July 21, 2001. Interviewee. "Goal Setting for Diet and Health Habits." By Sandra Gordon, Vitality magazine, July 27, 2001. Interviewee. "Picky Eaters." By Lydia Denworth, Child magazine, August 13, 2001. Interviewee. "TV and Family Meal Time." By Paul Pendergraft, Assistant News Director, KUHF-FM, Houston Public Radio, Houston, Texas, September 3, 2001. Interviewee. "TV and Family Meal Time." By Vickie Brown, American Profile magazine, October 2, 2001. Speaker. "The Impact of School Meal Source on Middle School Students' Lunch Food Consumption." USDA/Economic Research Service Workshop: "Nutrition for School-aged Children," Washington, D. C., November 19, 2001. Interviewee. "A Parent's Guide to the Grocery Store." By Barbara Rowley, Parenting magazine, January 17, 2002. Interviewee. "Family Mealtime." By Lori George, Prevention magazine, February 8, 2002. Interviewee. "Schools Must Restrict Sales of Junk Food." By Salatheia Bryant, Houston Chronicle, May 1, 2002. Speaker. "The Environmental Impact on Adolescent Dietary Behaviors." Pasadena Independent School District Annual Workshop, Houston, Texas, May 31, 2002. Interviewee. "Obesity:

How to Get Children to Change their Eating Habits.” By Mel Huff, The Brownsville Herald, June 20, 2002.

**Teresa A. Davis, Ph.D.**

Speaker. “Developmental Regulation of Protein Metabolism.” Triennial Growth Symposium, American Society of Animal Science, Indianapolis, Indiana, July 24, 2001. Speaker. “Impact of Nutrition, Hormones, and Sepsis on Muscle Protein Synthesis in Neonates.” Children’s Nutrition Research Center, Houston, Texas, September 20, 2001. Speaker. “Developmental Regulation of Protein Synthesis.” Penn State College of Medicine, Hershey Medical Center, May 7, 2002. Speaker. “Ontogeny of Insulin’s Effect on Muscle Protein Synthesis in Vivo.” American Diabetes Association 62nd Scientific Sessions, San Francisco, June 15, 2002.

**Debby K. Demory-Luce, Ph.D.**

Interviewee. “Avoiding the Freshman 15.” By Kim Wallace, Studying in America magazine (British), August 20, 2001. Interviewee. “Healthy Snacking and Bedtime.” By Karen Miles, Parenting magazine, August 22, 2001. Interviewee. “Healthy Lunches for School.” By Lauren Greenwood, Lifescape magazine, August 27, 2001. Presenter. “Ethnic, Age, and Gender Differences in Food Consumption Patterns from Childhood to Young Adulthood.” American Dietetic Association 84th Annual Meeting, St. Louis, Missouri, October 21, 2001. Interviewee. “Soy Milk for Toddlers.” By Holly Hankle, Parentcenter.com, November 16, 2001. Interviewee. “Rice Milk for Toddlers.” By Holly Hankle, Parentcenter.com, November 17, 2001. Interviewee. “Healthy Nutrition and Preschoolers.” Southern West Daily News (Chinese), November 18, 2001. Invited Speaker. “Health, Nutrition, and Immunity.” Tzu-Chi Preparatory Academy, Houston, Texas, November 18, 2001. Interviewee. “Making the Transition from Formula to Cow’s Milk.” By Betty Long, Parent’s magazine, February 14, 2002. Presenter. “Understanding Health Beliefs of Chinese-American Parents of Preschool-aged Children.” First Annual Nutrition Week, San Diego, California, February 23-February 27, 2002. Presenter. “Children’s Food Consumption Patterns Have Changed Over Two Decades: The Bogalusa Heart Study.” First Annual Nutrition Week, San Diego, California, February 23-27, 2002. Presenter. “Cultural Influences on Eating Habits of Preschool-Aged Chinese-American Children.” Children’s Nutrition Research Center- Behavioral Nutrition Journal Club, Houston, Texas, April 5, 2002. Presenter. “Evaluating Health Beliefs of Chinese-American Parents of Preschool-aged Children.” Experimental Biology 2002 Meeting, New Orleans, Louisiana, April 21, 2002. Invited Speaker. “Chinese Health Beliefs and Eating Habits.” University of Texas School of Public Health Ethnic Nutrition Course, Houston, Texas, April 24, 2002. Interviewee. “Snacks for 4-year-old Children.” By Karen Miles, Parenting magazine, April 29, 2002. Invited Speaker. “Nutrition for Healthy Chinese Preschoolers.” Chinese Community Center, Houston Chinese Church, Houston, Texas, April 30, 2002. Interviewee. “Starting Babies on Solids.” By Denise Peretto, Parents-Baby magazine, June 28, 2002.

**Marta Fiorotto, Ph.D.**

Speaker. “Interaction of Developmental Age and Diet in the Regulation of Skeletal Muscle Growth.” Center for Human Research, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland, September 25, 2001. Organizer and Chair. Symposium on “Fetal Origins of Adult Disease.” Experimental Biology 2002, New Orleans, Louisiana, April 21, 2002. Speaker. “Mechanisms: Adaptations of Growth Processes to the Nutrient Environment during Critical Windows of Development.” Fetal Origins of Adult Disease Symposium, Experimental Biology 2002, New Orleans, Louisiana, April 21, 2002.

### **Jennifer Orlet Fisher, Ph.D.**

Web Site Manager. International Society for Behavioral Nutrition. Speaker. "Proposal Attributes." USDA CSREES Competitive Grants Symposium, Society for Nutrition Education Annual Meeting, Oakland, California, July 22, 2001. Speaker. "Moving Our Children Towards a Healthy Weight." North Carolina Summit on Overweight in Children and Youth, Chapel Hill, North Carolina, August 26, 2001. Speaker. "Effects of Repeated Exposure to a Large Portion-sized Entrée on Children's Eating." North American Association for the Study of Obesity, Quebec, Canada, October 7-10, 2001.

### **Michael A. Grusak, Ph.D.**

Speaker. "Nutritional Evaluation and Enhancement of Plant Foods: Research at the Interface of Plant and Human Nutrition Sciences." Faculty of Nutrition Seminar Series, Texas A&M University, College Station, Texas, September 4, 2001, and University of Illinois, Champaign-Urbana, Illinois, September 19, 2001. Speaker. "Reproductive and Nutritional Biology of Legumes." CNRC Seminar Series, USDA/ARS Children's Nutrition Research Center, Houston, Texas, October 11, 2001. Keynote Speaker. "Nutritional Significance of Pulses: Current Assessment and Future Strategies for Marketability." North American Pulse Improvement Association 2001 Meeting, Fargo, North Dakota, October 29, 2001. Speaker. "Mechanistic Assessment of Calcium Accretion in Developing Chickpea Seeds." North American Pulse Improvement Association 2001 Meeting, Fargo, North Dakota, October 30, 2001. Speaker. "Nutritional Evaluation and Enhancement of Plant Foods: Research at the Interface of Plant and Human Nutrition Sciences." Tri Beta Lecture Series, University of St. Thomas, Houston, Texas, November 8, 2001. Speaker. "Nutritional Evaluation and Enhancement of Plant Foods: Research at the Interface of Plant and Human Nutrition Sciences." Donaghey College of Information Science and Systems Engineering Colloquium, University of Arkansas-Little Rock, Little Rock, Arkansas, November 16, 2001. Speaker. "Nutritionally Enhanced Foods Developed via Biotechnology: Status and Future Perspectives." Biotechnology Symposium, 2002 International Life Sciences Institute Annual Meeting, Cancun, Mexico, January 23, 2002. Speaker. "Engineering Foods with Enhanced Nutrient Content." Workshop on "Biotechnology for Horticultural Crops: Challenges & Opportunities" sponsored by The University of California, Davis, at Monterey, California, February 8, 2002. Speaker. "Iron and Zinc Homeostasis in Legumes: A Whole-Plant to Molecular Perspective." Department of Nutritional Sciences Seminar Series, University of Missouri, Columbia, Missouri, April 4, 2002. Speaker. "Nutritional Genomics of Developing Legume Seeds." International Conference on Legume Genomics and Genetics, Minneapolis, Minnesota, June 5, 2002. Speaker. "Relevant Mechanisms and Potential Strategies for Improving the Iron Content of Plant Foods for Human Nutrition." The 11th International Symposium on Iron Nutrition and Interactions in Plants, Udine, Italy, June 28, 2002.

### **Darryl L. Hadsell, Ph.D.**

Speaker. "Genetic Manipulation of the IGF-I Axis to Regulate Mammary Gland Development and Function." International Animal Agriculture and Food Science Conference, Indianapolis, Indiana, July 25, 2001. Speaker. "Genetic Manipulation of Mammary Gland Development and Lactation." Department of Dairy and Animal Science, The University of Arizona, Tucson, Arizona, October 29, 2001. Presenter. Poster: "Targeted Mutation of the Usf2 Gene Impairs Postpartum Mammary Gland Development and Lactation." Experimental Biology 2002 meeting, New Orleans, Louisiana, April 22,

2002. Presenter. Poster: "Developmental and Hormonal Signals Dramatically Alter the Localization and Abundance of Insulin Receptor Substrate (IRS) Proteins in the Mammary Gland." The 84th Annual Meeting of the Endocrine Society, San Francisco, California, June 20, 2002.

**Peter M. Haney, M.D., Ph.D.**

Platform Presenter. "The GLUT1 Glucose Transporter Colocalizes with Alpha-lactalbumin in Lactating Mammary Gland: Evidence from Confocal Microscopy." Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, May 5, 2002.

**Morey W. Haymond, M.D.**

Speaker. "Overview of Hypothesis Based Research" and "Funding for Clinical Research: Developing a Research Proposal and the NIH Review Process." Fundamentals of Clinical Investigation, Clinical Scientist Training Program, Baylor College of Medicine, Houston, Texas, July 9, 2001. Speaker. "Critical Appraisal of Clinical Research Publications" and "Critical Appraisal of Medical Literature: How to Read a Paper." Fundamentals of Clinical Investigation, Clinical Scientist Training Program, Baylor College of Medicine, Houston, Texas, July 10, 2001. Speaker. "Academic Pathways, Research and Opportunities." Fellows' Retreat, Department of Emergency Medicine, Baylor College of Medicine, Houston, Texas, July 19, 2001. Speaker. "Critical Appraisal of Medical Literature: How to Read a Paper." Fundamentals of Clinical Investigation, Clinical Scientist Training Program, Baylor College of Medicine, Houston, Texas, August 2, 2001. Speaker. "Hypoglycemia in Infants and Children: A Practical Approach." Grand Rounds, Department of Pediatrics, Baylor College of Medicine, Houston, Texas, September 14, 2001. Speaker. "Impact of Hexose Ingestion on Gluconeogenesis and Glucose Production." Seminar, Department of Biochemistry, Division of Diabetes, The University of Texas Health Science Center, San Antonio, Texas, October 25, 2001. Chair. Ad hoc study sections, National Institute of Diabetes and Digestive and Kidney Diseases Grant Review Committee. National Institutes of Health, Washington, D.C., January 8, 2002. Member. "WS3: The American Perspective." Planning Committee, 13th Novo Nordisk hGH Symposium, Sintra, Portugal, January 18, 2002. Speaker. "Funding 101." Breakout session, 5th Annual Fellows Day, Department of Pediatrics, Baylor College of Medicine, Children's Nutrition Research Center, Houston, Texas, April 5, 2002. Speaker. "Hypoglycemia: Diagnosis and Management." Pediatric Postgraduate Symposium, Baylor College of Medicine, Houston, Texas, April 25, 2002. Speaker. "Beyond Growth: Effects of Growth Hormone on Body Composition." The Annual Growth Science Forum, sponsored by Serono, Baltimore, Maryland, May 3, 2002. Consultant. National Pediatric Endocrinology Advisory Board Meeting. Aventis Pharmaceuticals, Boca Raton, Florida, May 17-19, 2002. Speaker. "Type II Diabetes in Children -- a New 'Epidemic' and Therapeutic Challenge;" "What Every Pediatrician Should Know About the Most Common Endocrine Consultations;" "Hypoglycemia in Infants and Children -- a Practical Approach." Baylor College of Medicine Department of Pediatrics Conference: "Acute Care Pediatrics: Review and Update of the State of the Art," Hilton Head Island, South Carolina, June 10-14, 2002. Chair. "The Role of the Liver in Type 2 Diabetes" and "Distinguishing Type 1 from MODY and Type 1.5 Diabetes." American Diabetes Association 62nd Scientific Sessions, San Francisco, California, June 14-18, 2002.

**William C. Heird, M.D.**

Guest Lecturer. "Effects of LC-PUFA on Visual and Cognitive Development of Term and Preterm Infants." Latest Advances in Infant Formulas, Wyeth Nutritionals/Mid East, Cairo, Egypt, January 18, 2002; Amman, Jordan, January 19, 2002; and Beirut,

Lebanon, January 21, 2002. Invited Speaker. "Importance of Long Chain Polyunsaturated Fatty Acids (LC-PUFA) in Neonatal and Infant Development." Key Opinion Leader Symposium, Mead Johnson Nutritionals, Marco Island, Florida, February 22, 2002; DHA and ARA Supplementation in Infant Formula: Implications for Infant Development Lecture Series, Mead Johnson Nutritionals, Boston, Massachusetts, March 23, 2002; Neonatal and Infant Development Lecture Series, Mead Johnson Nutritionals, Austin, Texas, March 26, 2002, and Santa Ana, California, April 10, 2002. Discussant. "Committee on the Evaluation of the Addition of Ingredients New to Infant Formula." The Food and Nutrition Board, Institute of Medicine, Washington, D.C., May 1, 2002. Invited Speaker. "Fatty Acid Regulation of Fat and Fatty Acid Metabolism." Gene Nutrient Interaction Symposium Session, Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, May 6, 2002. Invited Speaker. "Assessing Short-Term Health and Nutritional Outcomes in Infants." Development of a Surveillance System for Infants Ingesting Infant Formulas Containing New Ingredients, NIH/NICHHD, Washington, D.C., May 20-21, 2002. Guest Speaker. "Infant Formula and Infant Food Evaluation in North America." Characterizations of Infant Food Modifications in the European Union, sponsored by the Child Health Foundation, Munich, Germany, and ESPGHAN (European Society for Paediatric Gastroenterology Hepatology and Nutrition), Taormina, Sicily, June 4, 2002.

### **Karen K. Hirschi, Ph.D.**

Speaker. "Molecular, Integrative and Clinical Approaches to Myocardial Ischemia." American Heart Association Symposium, Seattle, Washington, August 8-10, 2001. Speaker. "Stem Cells for Cardiovascular Repair." American Heart Association Symposium, Anaheim, California, November 10-13, 2001. Speaker. "Stem Cells in Tissue Engineering." International Conference on Engineering Tissue Growth, Pittsburgh, Pennsylvania, March 18-20, 2002. Speaker. "Stem Cell Therapies." American Transplant Congress, Washington, D.C., April 26-28, 2002. Chair. "Nutrient Regulation of Cell Growth and Differentiation." Symposium, Experimental Biology 2002, New Orleans, Louisiana, April 20-24, 2002. Speaker. "Vascular Cell Signaling." Symposium, Experimental Biology 2002, New Orleans, Louisiana, April 20-24, 2002. Speaker. "Critical Elements in Research & Development." Symposium on Tissue Engineering Sciences, Mykonos, Greece, May 19-24, 2002. Speaker. "Signal Transduction by Engineered Extracellular Matrices." Gordon Conference, New London, Connecticut, June 23-27, 2002.

### **Kendal D. Hirschi, Ph.D.**

Speaker. "Calcium Transport Around the Plant Vacuole: Characterization of the CAX Genes." Conference: "Signaling in Plants and Animals," Kyiv National Taras Shevchenko University, Kyiv, Ukraine, September 10, 2001. Speaker. "The Role of CAX Genes in Vacuolar Ca<sup>2+</sup> /H<sup>+</sup> Antiport." The X Congress of Biochemistry and Molecular Biology of Plants, La Paz, Mexico, October 28, 2001. Speaker. "Calcium and Metal Transport Across the Plant Vacuole." Instituto de Biotecnología, Universidad Nacional Autónoma de México, Cuernavaca, Mexico, January 14, 2002. Speaker. "Genetic Approaches to Altering Mineral Content in Plants." Plant Biology meeting, University of Massachusetts, Amherst, Massachusetts, February 14, 2002. Speaker. "From Lab Bench to Kitchen Table: Boosting Calcium Content in Agriculturally Important Crops." Vegetable and Fruit Improvement Center, Texas A&M University, College Station, Texas, February 22, 2002. Speaker. "Calcium Transport into the Plant Vacuole: Is There an Auxin Connection?" Department of Cell and Molecular Biology, University of Texas, Austin, Texas, February 26, 2002. Speaker. "Nutritional Genomics." USDA/ARS meeting, University of California, Davis, Davis, California, March 12, 2002. Speaker. "Altering the Nutrient Status of

Plants." Department of Molecular and Environmental Plant Sciences, Texas A&M University, College Station, Texas, March 28, 2002. Speaker. "Using Yeast and Weeds to Manipulate Mineral Content in Agriculturally Important Plants." Department of Human and Molecular Genetics, Baylor College of Medicine, Houston, Texas, April 2, 2002. Speaker. "Manipulating Ion Transport in Plants." Department of Biological Sciences, Dartmouth College, Hanover, New Hampshire, April 5, 2002. Speaker. "Exploiting Arabidopsis CAX Genes for Reducing Leaf Cadmium Content in Tobacco: Molecular Aspects." Philip Morris USA, Richmond, Virginia, June 26, 2002.

### **Judy Hopkinson, Ph.D.**

Speaker. "Anatomy and Physiology of Breastfeeding," "Biochemistry of Human Milk," "Nutrition During Lactation," "Growth and Development of Breast-fed Infants," and "Matrescence and Mother-Infant Bonding." Texas Department of Health Intensive Course in Breastfeeding, Lubbock, Texas, July 14-16 and September 6-8, 2001; Waco, Texas, October 23-25, 2001; Austin, Texas, January 20-23, 2002; Fort Worth, Texas, February 12-15, 2002; Harlingen, Texas, March 5-8, 2002; Amarillo, Texas, May 20-23, 2002; and San Angelo, Texas, June 24-26, 2002. Speaker. "Role of the Breastfeeding Caregiver," "Problem Solving in Lactation Management," "Telephone Counseling," "Maternal and Infant Assessment," and "Maternal Medications During Breastfeeding." Texas Department of Health Intensive Course in Breastfeeding, Phase II, Tyler, Texas, September 25-28, 2001. Speaker. "Breastfeeding in a Bottle Feeding Culture," "Birthing a Breastfeeding Baby" and "Local Initiatives and Their Impact on Breastfeeding." Texas Breastfeeding Summit, Dallas, Texas, November 2, 2001.

### **Farook Jahoor, Ph.D.**

Keynote Speaker. "Protein Metabolic Response to Stress." 47th Caribbean Health Research Council, Georgetown, Guyana, April 26, 2002.

### **Gerard Karsenty, M.D., Ph.D.**

Speaker. "Genetic Control of Bone Formation." Vascular Biology Conference, Tokyo, Japan, July 27-29, 2001. Speaker. "Genetic Analysis of Osteoblast Differentiation and Function." Gordon Research Conference, Colby Sawyer College, New London, New Hampshire, July 29-August 3, 2001. Speaker. "Genetic Control of Bone Formation." Indiana University, Indianapolis, Indiana, September 9-11, 2001. Speaker. "Genetic Analysis of Osteoblast Differentiation and Function." University of Virginia Bone Matrix, Gene Therapy and Biotechnology Training Program, Charlottesville, Virginia, September 26-27, 2001. Co-chair. Mini-symposium, "The Endocrinology of Leptin and its Relation to Bone Mass and Remodeling," American Society for Bone and Mineral Research meeting, Phoenix, Arizona, October 12-16, 2001. Speaker. "Molecular Control of Skeleton and Extra-skeleton Calcifications." 2001 American Society of nephrology/International Society of Nephrology (ASN/ISN) World Congress of Nephrology, Washington, D.C., October 13-17, 2001. Speaker. "Genetic Analysis of Bone Formation and its Medical Relevance." Second Bone Frontiers Seminar, Tokyo, Japan, February 5-10, 2002. Speaker. "Genetic Control of Skeletogenesis." Vanderbilt University Medical Center Stem Cell and Organogenesis Program, Nashville, Tennessee, March 12-13, 2002. Speaker. "Central and Peripheral Actions of Leptin on Bone." Ninth Workshop on Cell Biology of Bone and Cartilage in Health Disease, Davos, Switzerland, March 16-19, 2002. Speaker. "Genetic Analysis of Osteoblast Differentiation and Function during Bone Remodeling." Sixth Annual Workshop, "Frontiers in Estrogen Action," Amelia Island, Florida, April 7-9, 2002. Speaker. "Leptin and Bone Mass." Bone/Rheumatology Preceptorship, Continuing Medical Education

activity, Baylor College of Medicine, Houston, Texas, April 9-10, 2002. Speaker. "The Role of Gla Protein in the Control of Bone Mineralization." EISAI Satellite Symposium on Vitamin K and Osteoporosis, Lisbon, Portugal, May 11-14, 2002.

**Karen L. Konzelmann, M.S.**

Speaker. "The Role of Ethnicity in Pregnancy and Fertility." Priester Health Conference, Orlando, Florida, May 8, 2002.

**Alexandre Lapillonne, M.D., Ph.D.**

Invited Speaker. "Nutrition of the Preterm Infant." The XXXIII Congress of the French Speaking Pediatric Association, Beirut, Lebanon, April 9, 2002. Speaker. "Advances in Clinical Nutrition." Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, May 6, 2002.

**Buford L. Nichols, M.D.**

Keynote Speaker. "The History of Infant Feeding: Progress in the 20th Century." Conference: "Celebrating Research, Scholarship and Creative Activities at SDSU," South Dakota State University, Brookings, South Dakota, September 27, 2001. Speaker. "Maltase-Glucoamylase Knockout in Mice and Men." Departmental Seminar, Institute of Biochemistry and Molecular Biology, University of Bern, Bern, Switzerland, May 28, 2002.

**Theresa A. Nicklas, Dr. P.H.**

Speaker. "Temporal Association of Serum Lipids and Insulin Sensitivity in Children and Adolescents." North American Association for the Study of Obesity Annual Meeting, Quebec City, Canada, October 7-10, 2001. Speaker. "Trends in Nutrient Intake of 10-Year-Old Children Over Two Decades: The Bogalusa Heart Study." American Public Health Association meeting, Atlanta, Georgia, October 21-25, 2001. Invited Speaker. "Childhood Obesity." Texas Academy of Family Physicians meeting, Houston, Texas, October 26, 2001. Speaker. "Understanding Health Beliefs of Chinese-American Parents of Preschool-aged Children." First Annual Nutrition Week, San Diego, California, February 23-27, 2002. Speaker. "Children's Food Consumption Patterns Have Changed Over Two Decades: The Bogalusa Heart Study." First Annual Nutrition Week, San Diego, California, February 23-27, 2002. Invited Speaker. "Getting a Handle on Childhood Obesity." Texas Association of Family and Consumer Sciences Conference, Houston, Texas, March 1, 2002. Invited Speaker. "The Obesity Epidemic." March Brown Bag Seminar, Texas Woman's University, Houston, Texas, March 12, 2002. Invited Speaker. "The Childhood Weight Crisis: Confronting the Problems, Creating the Solutions." Utah Dietetic Association, Lehi, Utah, April 16, 2002.

**Richard J. Schanler, M.D.**

Visiting Professor. "Neonatal Nutrition Update" and "Aggressive Nutritional Support for the LBW Infant." Grand Rounds and Resident Lectures, Department of Pediatrics, Ohio State University, Columbus, Ohio, July 17-18, 2001. Plenary Lecturer. "Breastfeeding," "Feeding the VLBW Infant," and "Parenteral Nutrition." Congress of Neonatology, San Jose, Costa Rica, August 8-10, 2001. Lecturer and Case Discussion Section Moderator. "Human Milk and Lactation." NeoPrep Course, American Academy of Pediatrics, Boston, Massachusetts, August 23-24, 2001. Visiting Professor. "Breastfeeding and Neurodevelopment." Northwestern University Division of Neonatology, Evanston, Illinois,

September 11, 2001. Plenary Lecturer and Moderator. "Breastfeeding in Premature Infants: When to Start Feeding and Why?" and "Breastfeeding Supplements in VLBW Infants: Yes." The 5th World Congress of Perinatal Medicine, Barcelona, Spain, September 21-25, 2001. Moderator and Plenary Speaker. "Breastfeeding in the Workplace: Guidelines for Handling of Human Milk." AAP National Conference and Exhibition 2001, American Academy of Pediatrics, San Francisco, California, October 24, 2001. Invited Speaker. "Aggressive Nutritional Support for the VLBW Infant" and "Enteral Nutritional Needs of the LBW Infant." Fetus & Newborn: State-of-the-Art Care, Ross Products Division, La Jolla, California, October 28-30, 2001. Plenary Lecturer. "Scientific Aspects of Breastfeeding," "Post-discharge Nutritional Support of the Premature Infant," "Premature Infant Nutrition Discussion." The XVII Brazilian Congress of Perinatology, Florianopolis, Santa Catarina, Brazil, November 12-13, 2001. Plenary Lecturer. "Getting a Quick Start on Nutrition Support in ELBW Infants." Newborn Special Care Symposium, Yale-New Haven Children's Hospital, Yale School of Medicine, Westbrook, Connecticut, November 14, 2001. Speaker. "Human Milk in Premature Infants." New York Medical College, Westchester Medical Center, Valhalla, New York, November 26, 2001. Speaker. "Early Nutrition for ELBW Infants." Section of Neonatology, Albert Einstein College of Medicine, Bronx, New York, November 27, 2001. Speaker. "Early Nutritional Management of VLBW Infants." The 18th Neonatal Nutrition Symposium, Mead Johnson, Carlsbad, California, December 6-9, 2001. Invited Speaker. "On-Going Nutritional Issues of Premies at Discharge," "Aggressive Early Nutritional Support," and "Human Milk in and after Hospitalization of Premature Infants." MultiCare Health Systems, Tacoma General Hospital Nutrition Day, Tacoma, Washington, February 6, 2002. Invited Speaker. "Aggressive Early Nutrition Support of LBW Infants," and "Post-Discharge Nutrition for the NICU Graduate." 21st Century Neonatal Nutrition Conference, Seattle, Washington, February 7, 2002. Invited Speaker. "Breastfeeding and Brain Development" and "Post-Discharge Nutrition of Premies." Eleventh Annual Neonatology Conference, Nemaconlin Woodlands Resort, Farmington, Pennsylvania, February 14, 2002. Speaker and Moderator. "Fortification of Human Milk: Risks vs Benefits." Nutritional Management of LBW Infants: Evidence-based Practices, First Annual Nutrition Week: Scientific and Clinical Forum and Exposition, San Diego, California, February 24, 2002. Plenary Speaker, Co-organizer and Moderator. "Human Milk Fortification" and "Post-Discharge Nutrition for the NICU Graduate." Neonatal Nutrition Conference, Baylor College of Medicine, Houston, Texas, March 3-6, 2002. Lecturer. "Early Parenteral Nutrition for LBW Infants" and "Human Milk in the NICU." Schneider Children's Hospital at North Shore, Long Island Jewish Medical Center, Long Island, New York, March 15 and 18, 2002. Invited Lecturer. "DHA and ARA Supplementation in Infant Formula: Implications for Infant Development." Mead Johnson Conference, Philadelphia, Pennsylvania, March 20, 2002, and Chicago, Illinois, March 24, 2002. Speaker. "LCPUFAs: A Breakthrough in Infant Formula?" Audio Conference Series, Mead Johnson, March 11, 19, 21, 25, 2002. Consultant and Lecturer. "Approaches for Human Milk Fortification." Wyeth-Ayerst Nutritionals, Collegeville, Pennsylvania, April 8, 2002. Speaker. "Breastfeeding and Brain Development" and "Fortifying Human Milk for Premature Infants in Intensive Care Units." International Pediatric Days, Turin, Italy, April 18-20, 2002. Speaker. "Neonatal Nutrition." The Neonatal Component of Integrated Management of Childhood Illness (IMCI) Mini Course, Houston, Texas, April 24, 2002.

### **Robert J. Shulman, M.D.**

Speaker. "Parenteral Nutrition." Residents Introductory Course, Houston, Texas, July 19, 2001. Speaker. "Infant Feeding." Grand Rounds, Pittsburgh Children's Hospital, Pittsburgh, Pennsylvania, August 17, 2001. Speaker. "Feeding the Preterm Infant." Johns Hopkins Hospital, Baltimore, Maryland, November 8, 2001. Speaker. "Practical Aspects

of Parenteral Nutrition.” Neonatal Nutrition Conference, Houston, Texas, March 5, 2002. Interviewee. “Dehydration.” Parent’s magazine, March 19, 2002. Presenter. “Effects of Osmolality, Volume, and Nutrient Density on Gastric Emptying (GE) in Preterm Infants.” American Gastroenterological Association Meeting, San Diego, California, May 20, 2002. Moderator. “Recent Advances in Infectious Diarrhea of Children and Adolescents-From Bench to Bedside.” American Gastroenterological Association Meeting, San Diego, California, May 22, 2002. Member. Subboard in Pediatric Gastroenterology. Associate Member. American Board of Pediatrics.

### **Janice E. Stuff, Ph.D.**

Member. Board of Directors, Houston End Hunger Network.

### **Agneta Sunehag, M.D., Ph.D.**

Speaker. “Insulin Sensitivity in Non-obese and Obese Children” and “Measurements of Gluconeogenesis.” The University of Texas Southwestern Medical Center at Dallas, Dallas, Texas, November 7, 2001. Speaker. “Glucose Homeostasis in Very Premature Infants Receiving Parenteral Nutrition.” Research Society, Baylor College of Medicine, Houston, Texas, December 11, 2001. Speaker. “Neonatal Lipid Fuel Kinetics.” Workshop, “Lipid Metabolism in the Newborn Infant,” Houston, Texas, January 9, 2002. Speaker. “Parenteral Glycerol Increases Rates of Gluconeogenesis in Very Premature Infants.” Pediatric Academic Societies 2002 Annual Meeting, Baltimore, Maryland, May 7, 2002. Speaker. “Energy Substrate in Mouse and Man.” Mouse Rounds, Baylor College of Medicine, Houston, Texas, May 17, 2002. Speaker. “Gluconeogenesis in Type 2 Diabetes.” American Diabetes Association 62nd Scientific Sessions, San Francisco, California, June 14, 2002. Chair. “Fat, Age and Ethnicity - Metabolic Consequences.” American Diabetes Association 62nd Scientific Sessions, San Francisco, California, June 15, 2002.

### **Ignatia B. Van den Veyver, M.D.**

Speaker. “Rett Syndrome Gene and Autism.” NIH Autism Coordinating Committee, Bethesda, Maryland, September 6, 2001. Speaker. “Clinical Relevance of Gene Environment Interactions.” Grand Rounds, Department of Obstetrics and Gynecology, Baylor College of Medicine, Houston, Texas, September 19, 2001. Speaker. “The Role of MeCP2 in Rett Syndrome.” American Association for Cancer Research, Special Conference on Epigenetics of Cancer, Desert Springs, California, October 21, 2001. Speaker. “Genetics of Recurrent Familial Hydatidiform Molar Pregnancy.” XI World Congress on Gestational Trophoblastic Diseases, Santa Fe, New Mexico, October 31, 2001. Speaker. “Nutritional Influences on DNA Methylation in Development and Disease.” USDA/ARS Children’s Nutrition Research Center, Houston, Texas, November 8, 2001. Speaker. “Role of Imprinting in Fetal Wastage.” 11th International Congress on Prenatal Diagnosis, Buenos Aires, Argentina, June 3, 2002.

### **William W. Wong, Ph.D.**

Speaker. “Prevalence and Implications of Childhood Overweight and Obesity in Houston, Texas.” USDA/ARS Children’s Nutrition Research Center, Houston, Texas, September 27, 2001. Speaker. “Potential Health Benefits of Soy Isoflavones against Osteoporosis and Hypertension in Postmenopausal Women.” Osteoporosis Advisory Committee, Texas Department of Health, Austin, Texas, November 30, 2001. Interviewee. “Childhood Obesity.” For “Kids’ Health,” PBS-TV (channel 8), Houston, Texas, February 6, 2002. Speaker. “Prevalence of Childhood Overweight and Obesity in

Houston, Texas” and “An After-school Physical Activity Program to Prevent Obesity Among Hispanic Children.” YWCA of Houston, Houston, Texas, April 25, 2002. Speaker. “Prevalence of Childhood Acanthosis Nigricans in Houston, Texas.” Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, May 5, 2002.

**Issa Zakeri, Ph.D.**

Invited Speaker. “Time-reversibility, Identifiability and Prediction of Stationary Time Series.” Department of Statistics, Rice University, Houston, Texas, January 28, 2002.