



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

*Studying Nutrition Today for the Health of Future Generations*

## **Academic Activities**

### **Steven Abrams, M.D.**

Speaker. "Mineral Metabolism in Health and Disease." Plenary address, First World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Boston, Massachusetts, Aug. 8, 2000.

Speaker. "Assessment of Magnesium Absorption and Kinetics Using Stable Isotopes." Plenary address, Ninth International Magnesium Symposium, Vichy, France, Sept. 13, 2000.

Lecturer. "Recent Research on Micronutrients in the Diets of Children in Developing Countries." Francisco Marroquin Medical School, Guatemala City, Guatemala, Oct. 26, 2000.

Speaker. "Calcium Requirements in Children: Recent Recommendations and Guidelines." Pediatric Grand Rounds, The Johannesburg Hospital, University of the Witwatersrand, Johannesburg, South Africa, March 14, 2001.

Speaker. "Neonatal Calcium, Zinc and Iron Requirements." Israeli Neonatology Association, Haifa, Israel, July 17, 2001.

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

Presenter. "TV Watching, Computer Use, and Physical Activity Among 8<sup>th</sup>-Grade Adolescents." Annual Meeting of the American College of Sports Medicine, Bethesda, Maryland, May 31, 2001.

Presenter. "Athletic Identity Among 8<sup>th</sup>-Grade Adolescents: Definitions, Ratings, and Physical Activity." Annual Meeting of the American College of Sports Medicine, Bethesda, Maryland, June 1, 2001.

### **Janice C. Baranowski, M.P.H.**

Speaker. "Food Intake Recording Software System (FIRSS<sup>t</sup>): Validation Against Bogus Pipeline." Fourth International Conference on Dietary Assessment, Tucson, Arizona, Sept., 2000.

Speaker. "Food Intake Recording Software System (FIRSS<sup>t</sup>): Validation Against School Lunch Observation." American Dietetic Association Annual Meeting, Denver, Colorado, Oct. 17, 2000.

### **Tom Baranowski, Ph.D.**

Speaker. "Observation and Sequencing Affect Accuracy of Dietary Assessment Among Children." Fourth International Conference on Dietary Assessment Methods, Tucson, Arizona, Sept. 18, 2000.

Speaker. "Theory as Mediating Variable in Obesity Prevention Programs Among Youth." North American Association for the Study of Obesity meeting, Long Beach, California, Oct. 31, 2000.

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

Symposium Organizer. "Innovative Non- or Minimally Invasive Technologies for Health Monitoring and Nutritional Status in Mothers and Young Children." Children's Nutrition Research Center, Houston, Texas, Aug. 7-8, 2000.

Speaker. "Glutamine Interorgan Transport." International Symposium on Glutamine, Southampton, Bermuda, Oct. 2, 2000.

Speaker. "Biotechnology and Infant Nutrition," and "The Barker Hypothesis." 12<sup>th</sup> Annual Congreso de la Sociedad Latinoamericana de Nutrición, Buenos Aires, Argentina, Nov. 12-16, 2000.

Symposium Co-Organizer. Baylor College of Medicine/Case Western Reserve University Workshop on Glucose Metabolism, Children's Nutrition Research Center, Houston, Texas, Dec. 12-13, 2000.

Speaker. "Energy Balance and Obesity in Children." Kyoto University, Kyoto, Japan, Jan. 17, 2001.

Speaker. "Energy Balance and Obesity in Children." Wayo Women's University, Wayo, Japan, Jan. 19, 2001.

Keynote Speaker. "Children's Nutrition Research in the 21<sup>st</sup> Century." National Institute of Health and Nutrition of Japan, Tokyo, Japan, Jan. 20, 2001.

Session Chair. "The Implications of the Human Genome Project for Nutrition and Public Health." International Life Science Institute 2001 Annual Meeting, Montego Bay, Jamaica, Jan. 22, 2001.

Session Chair. "Early Origins of Obesity." First World Congress of the International Council for Research into the Fetal Origins of Adult Disease, Mumbai, India, Feb. 4, 2001.

Speaker. "Glucose Homeostasis." Neonatal Nutrition Conference, Baylor College of Medicine, Houston, Texas, March 5, 2001.

Speaker. "Essential Fatty Acids: Role in Brain Development." Child Neurology Society (Philippines), Inc., Edsa, Philippines, May 29, 2001.

Speaker. "Partition of Glucose Production into Glycogenolysis and Gluconeogenesis." American Diabetes Association 61<sup>st</sup> Scientific Sessions, Philadelphia, Pennsylvania, June 22, 2001.

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

Speaker. "Factors Affecting Intestinal Nutrient Requirements, Metabolism and Growth in the Neonatal Pig." USDA/ARS Food and Feed Safety Research Laboratory, College Station, Texas, Aug. 9, 2000.

Speaker. "Nutritional Significance of Gut Amino Acid Metabolism." 17th BioKyowa Amino Acid Council meeting, St. Louis, Missouri, Oct. 4, 2000.

Speaker. "GLP-2: Biological Actions and Therapeutic Potential in the Infant Gut." Baylor College of Medicine, Department of Pediatrics, GI Workshop, March 5, 2001.

Speaker. "The Pig as Model to Assess the Role of Nutrition in Human Health and Disease." Midwest American Society for Animal Sciences Meeting, Des Moines, Iowa, March 21, 2001.

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

Member. Panel on Dietary Reference Intakes for Macronutrients, Food and Nutrition Board, Institute of Medicine, Washington, D.C., July 11-13, Aug. 13-16, Nov. 6-8, 2000; Feb. 26-March 1, June 4-7, 2001.

Invitee. "Adi-Map," an Obesity Gene Mapping Collaborative Project: Are We Ready?" NIH, Rockville, Maryland, July 14, 2000.

Speaker. "Normative Body Composition of Children during the First Two Years of Life." IX International Congress of Auxology, Turin, Italy, Sept. 3-6, 2000.

Chair. "Maternal Nutrition during Lactation." International Society for Research on Human Milk and Lactation International Meeting, Tucson, Arizona, Sept. 15-19, 2000.

Speaker. "Adaptation to Low Fat/High Carbohydrate versus High Fat /Low Carbohydrate Diets in Children." North American Association for the Study of Obesity, Long Beach, California, Oct. 29-Nov. 2, 2000.

Invitee. Research Program on Health and Nutrition Effects of Popular Weight-loss Diets Public Meeting, USDA, Washington, D.C., Jan. 11, 2001.

Speaker. "Nutrient Adequacy of Human Milk during the First Year of Life." WHO Expert Consultation on Optimal Duration of Exclusive Breastfeeding, Geneva, Switzerland, March 26-30, 2001.

Chair. "Lactogenesis II." Experimental Biology 2001, Orlando, Florida, March 31-April 4, 2001.

Speaker. "Prevalence and Causes of Childhood Obesity." Workshop on Childhood Obesity, Santiago, Chile, May 7-10, 2001.

Invitee. Nutrition and Genomics, USDA/NCI/ASNS, Bethesda, Maryland, June 18, 2001.

Chair/Speaker. "Energy Requirements of Infants." FAO/WHO/UNU Working Group on Energy and Protein in Human Nutrition, Rome, Italy, June 25-29, 2001.

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

Guest Lecturer. "NMR Analysis and Tracer Methodology." Shriners Hospital for Children-Galveston Burns Hospital, Galveston, Texas, Sept. 10-15, 2000.

**Austin J. Cooney, Ph.D.**

Presenter. "Germ Cell Nuclear Factor as a Contraceptive Target." WHO/Rockefeller Foundation–CONRAD/CICCR Symposium on Implantation and Once-a-month Methods for Women, Beaverton, Oregon, Sept. 13, 2000.

Presenter. "The Orphan Nuclear Receptor GCNF and Germ Cell Development." The National Institutes of Health Cell and Molecular Biology Training Grant Seminar, University of Illinois at Champaign, Dec. 4, 2000.

Presenter. "The Orphan Nuclear Receptor GCNF and Germ Cell Development." The Population Council, Rockefeller University, New York, New York, Jan. 25, 2001.

Presenter. "Mouse Germ Line Restriction of Oct4 Expression by Germ Cell Nuclear Factor." Baylor College of Medicine, Department of Molecular and Cellular Biology, R&D Workshop, March 22, 2001.

Presenter. "The Orphan Nuclear Receptor GCNF and Germ Cell Development." Instituto Nacional De Ciencias Medicas y Nutricion, Department of Reproductive Biology, Mexico City, Mexico, April 4, 2001.

Presenter. "GCNF in Germ Cell and Embryonic Development." The Endocrine Society 83<sup>rd</sup> Annual Meeting, Denver, Colorado, June 23, 2001.

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

Presenter. Posters: "Preferences for Low and Fat Free Foods Among 4th - 6th Grade Children;" "Fat Practices and Consumption Among African-American Boy Scouts;" "Differences in Beverage Consumption Among 4th - 6th Grade Children." Society of Nutrition Education Annual Meeting, Charleston, South Carolina, July 17, 2000.

Presenter. "Goal Setting for Health Behavior Change Among 4th and 8th Grade Students." Society of Nutrition Education Annual Meeting, Charleston, South Carolina, July 17, 2000.

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

Presenter. "Regulation of Translation Initiation in the Neonate Involves the Insulin Signaling Pathway." Texas A&M University, College Station, Texas, Sept. 26, 2000.

Presenter. "Neonatal Growth Is Regulated by the Insulin Signaling Pathway that Leads to Translation Initiation." Children's Nutrition Research Center, Baylor College of Medicine, Houston, Texas, Oct. 5, 2000

Chair. "Defining Energy Requirements." Experimental Biology 2001, Orlando, Florida, March 31, 2001.

Presenter. "Insulin and Amino Acids Independently Stimulate Translation Initiation in Neonatal Muscle." Experimental Biology 2001, Orlando, Florida, April 1, 2001.

Chair. "Protein Metabolism." Experimental Biology 2001, Orlando, Florida, April 2, 2001.

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

Representative. Children's Nutrition Research Center (USDA Gold Sponsor), Zero to Three 15<sup>th</sup> National Training Institute, Washington, D.C., Dec. 1-3, 2000.

Speaker. "Healthy Nutrition for Your Preschool-Aged Child." Mothers of Preschoolers, Bellaire Methodist Church, Houston, Texas, Feb. 21, 2001.

Speaker. "Research in Childhood and Adolescent Nutrition." The Tall Pines Dietetic Association, Houston, Texas, March 22, 2001.

**Kenneth J. Ellis, Ph.D.**

Speaker. "Body Mass Index: Does It Accurately Screen Children for Increased Adiposity?" North American Association for the Study of Obesity meeting, Long Beach, California, Oct. 30, 2000.

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

Speaker. "Parental Pressure and Girls' Reports of Restrained and Disinhibited Eating." Pediatric Obesity Symposium, Annual Meeting of the North American Association for the Study of Obesity (NAASO) Pediatric Interest Group, Long Beach, California, Oct. 28, 2000.

Presenter. "Characteristics of Disinhibited Eating in Young Girls." North American Society for the Study of Obesity Annual Meeting, Long Beach, California, Nov. 1, 2000.

Presenter. "Maternal Modeling and Availability Influences on Young Girls' Beverage Intakes." Society for the Study of Ingestive Behavior Annual Meeting, Philadelphia, Pennsylvania, June 26, 2001.

**Ian Griffin, M.B., Ch.B.**

Presenter. "Fructans and Calcium Absorption in Adolescents." Stoneyfield Farms Inc. press conference, New York, New York, Feb. 6, 2001.

Presenter. "Use of Stable Isotopes to Measure Iron and Zinc Absorption." Jakarta, Indonesia, March 13, 2001.

Presenter. Poster: "Zinc Metabolism and Zinc Kinetics in Children with Stable Crohn's Disease." Experimental Biology 2001, Orlando, Florida, April 2001.

Presenter. "The Exchangeable Zinc Pool (EZP) in Children Is Affected by Zinc Intake But Not Underlying Zinc Status." Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, April 2001.

Presenter. "Use of Stable Isotopes to Study Mineral Metabolism." Pakistan Institute of Nuclear Science and Technology, Pakistan Atomic Energy Commission, Islamabad, Pakistan, July 26, 2001.

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

Speaker. "Understanding Micronutrient Metal Homeostasis in Plants Using Unique Hyperaccumulating Mutants." Molecular and Environmental Plant Sciences Seminar Series, Texas A&M University, College Station, Texas, Sept. 14, 2000.

Speaker. "Understanding Mineral Transport to Developing Seeds: Identifying Targets to Enhance the Nutritional Quality of Plant Foods." Department of Plant Pathology and Crop Physiology Seminar Series, Louisiana State University, Baton Rouge, Louisiana, Oct. 11, 2000.

Speaker. "Nutritional Evaluation & Improvement of Plant Foods: Applying Plant Science to Human Nutrition Concerns." USDA/ARS HNRC at Tufts University, Boston, Massachusetts, Oct. 16, 2000.

Speaker. "Understanding Mineral Transport to Developing Seeds: Identifying Targets to Enhance the Nutritional Quality of Plant Foods." Urban Science and Ecology Colloquium, Department of Natural Sciences, University of Houston-Downtown, Houston, Texas, Nov. 3, 2000.

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

Presenter. "Prolactin-induced GLUT1 Targeting to Medial-Golgi in Human Mammary Epithelial Cells." Tenth International Meeting of the International Society for Research in Human Milk and Lactation, Tucson, Arizona, Sept. 13, 2000.

Presenter. "An Intact Endosomal Pathway is Required for Normal Targeting of GFP-GLUT1 Glucose Transporter Fusion Proteins." Tenth International Meeting of the International Society for Research in Human Milk and Lactation, Tucson, Arizona, Sept. 13, 2000.

Moderator. "Developmental Biology." NIH Workshop on Research in Neonatal Carbohydrate Metabolism, Houston, Texas, Dec. 12, 2000.

Speaker. "Localization of the GLUT1 Glucose Transporter to Brefeldin A-sensitive Vesicles of Differentiated CIT3 Mouse Mammary Epithelial Cells." Society for Pediatric Research, 2001 Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, May 1, 2001.

Speaker. "Glucose Transport in Lactating Mammary Gland." Gordon Research Conference on Mammary Gland Biology, Bristol, Rhode Island, June 6, 2001.

**Morey Haymond, M.D.**

Speaker. "Chronic Disease Management." Testimony presented at a hearing of a subcommittee of the state House Committee on Public Health, San Antonio, Texas, Aug. 11, 2000.

Speaker. "Glucose to Galactose and Back Again." MetroHealth Medical Center, Case Western Reserve University, Cleveland, Ohio, Oct. 18, 2000.

Presenter. Poster: "Mini-dose Glucagon Rescue of Impending Hypoglycemia in Children and Adolescents with Diabetes during Episodes of Gastroenteritis and Poor Oral Intake." International Society for Pediatric and Adolescent Diabetes meeting, Los Angeles, California, Nov. 1, 2000.

Chair. "Clinical Hypoglycaemia in Children and Adults." Hypoglycaemia 2001: From Research to Practice, Juvenile Diabetes Research Foundation International, Assisi, Italy, May 28, 2001.

Chair. "Regulation of Oral Glucose." Oral Abstract Presentations, American Diabetes Association 61<sup>st</sup> Scientific Sessions, June 22-26, 2001.

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

Speaker. "DHA Supplementation and Development of Breast-fed Infants." PUFA in Maternal and Child Health Conference, Kansas City, Missouri, Sept. 10, 2000.

Speaker. "Total Parenteral Nutrition in the Neonate." Ross Academy Conference: "Neonatal Nutrition: Assessment, Intervention and Management," Bloomington, Minnesota, Oct. 12, 2000.

Speaker. "PUFAs in Premies." Hot Topics in Neonatology Conference, Washington, D.C., Dec. 4, 2000.

Lecturer. "Importance of LC-PUFA in Infant Nutrition." Taiwan Pediatric Association Annual Meeting, Tainan, Taiwan, April 8, 2001.

Lecturer. "Long-chain Polyunsaturated Fatty Acids in Infancy." Mackey Memorial Hospital, Taipei, Taiwan, April 10, 2001; Chang Gung Children's Hospital, Taoyuan, Taiwan, April 11, 2001; and China Medical College Hospital, Taichung, Taiwan, April 11, 2001.

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

Speaker. "Regulation of Blood Vessel Assembly." Bioengineering Department, Rice University, Houston, Texas, Nov. 7, 2000.

Speaker. "Basics of Blood Vessel Formation." Symposium on the Use of Transmyocardial Laser Revascularization, Texas Heart Center, Houston, Texas, Nov. 13, 2000.

Director. Clinical Nutrition Course for second-year medical students, Baylor College of Medicine, spring, 2001.

Speaker. "Blood Vessel Assembly." Ethicon Biomaterials Center, Johnson & Johnson, Inc., Newark, New Jersey, April 30, 2001.

**Kendal Hirschi, Ph.D.**

Speaker. "Characterization of CAX Genes." University of Tennessee Department of Botany, Knoxville, Tennessee, Feb. 26, 2001.

Speaker. "Ion Transport into the Plant Vacuole." University of South Carolina Department of Biological Sciences, Columbia, South Carolina, March 26, 2001.

Speaker. "Phytochemicals in Fruits and Vegetables to Improve Human Health." Texas A&M Department of Horticulture, College Station, Texas, April 3, 2001.

Speaker. "Calcium and Metal Transport in Plants: Characterization of the CAX Genes." Danforth Center, St. Louis, Missouri, May 30, 2001.

Speaker. "Metal Transport into the Plant Vacuole." Philip Morris Research Center, Richmond, Virginia, June 14, 2001.

**Farook Jahoor, Ph.D.**

Speaker. "Dysregulation of Lipid Turnover is a Key Defect in the HIV Lipodystrophy Syndrome." Second International Workshop, Adverse Drug Reactions & Lipodystrophy in HIV, Toronto, Canada, Sept. 13-15, 2000.

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

Speaker. "Omega-3 Polyunsaturated Fatty Acids Do Not Affect Growth, Energy Expenditure, Body Composition or Expression of Genes Controlling Fatty Oxidation and Thermogenesis in Piglets." PUFA in Maternal and Child Health Conference, American Oil Chemists' Society, Kansas City, Missouri, Sept. 13, 2000.

Guest Lecturer. "Polyunsaturated Fatty Acid Metabolism in Infants." Research Center, Sainte Justine Hospital, Montreal, Canada, Nov. 14, 2000.

Presenter. Poster: "Effect of Omega-3 Polyunsaturated Fatty Acids on Growth, Energy Expenditure, Body Composition and Expression of Genes Controlling Fat Oxidation and Thermogenesis in Piglets." Experimental Biology 2001, Orlando, Florida, March 31-April 4, 2001.

Presenter. Poster: "Fatty Acid Profile of Buccal Cheek Cell Phospholipids as an Index for Long Chain Polyunsaturated Fatty Acid Status." Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, April 28-May 1, 2001.

Presenter. "Bone Remodeling Assessed by Urinary Excretion of Cross-linked N-telopeptides of Type I Collagen in Infants from Birth to One Year of Age." Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, April 28-May 1, 2001.

**Carlos Lifschitz, M.D.**

Chair. Scientific Committee, First World Congress of Pediatric Gastroenterology and Nutrition, Boston, Massachusetts, Aug. 5-9, 2000.

Speaker. "Gastrointestinal Bleeding," "Failure to Thrive," "Enteral Feeding," and "Abdominal Pain." XXI Pediatric Congress of Central America and the Caribbean, Tegucigalpa, Honduras, Sept. 4-8, 2000.

Speaker. "Intestinal Manifestations of Food Allergy." International Symposium of Food Allergy, Hospital General de Mexico, Mexico City, Mexico, Sept. 8, 2000.

Speaker. "Feeding Disorders in Children" and "Diagnostic Procedures in Gastroenterology." Annual Meeting of the Hungarian Pediatric Gastroenterology Society, Szeged, Hungary, Oct. 7, 2000.

Moderator. Symposium on Infant Nutrition. XII Congress of the Latin American Society of Nutrition, Buenos Aires, Argentina, Nov. 13, 2000.

Speaker. "Failure to Thrive." XII Congress of the Latin American Society of Nutrition, Buenos Aires, Argentina, Nov. 13, 2000.

Speaker. "Protein Allergy" and "Inflammatory Bowel Disease." Nutrition Forum, Warsaw, Poland, Nov. 17, 2000.

**Kathleen J. Motil, M.D., Ph.D.**

Speaker. "Habitos Buenos para Ninos." El Grupo de Apoyo, Mental Health Mental Retardation Association, Houston, Texas, July 25, 2000.

Speaker. "Regulatory Aspects of Human Subject Research." Texas Institute for Rehabilitation Research, Houston, Texas, July 28, 2000.

Speaker. "Nutrition, Is It Really a Treatment?" Growing Up with IBD, A Forum for Parents and Children, Houston Gulf Coast/South Texas Chapter Crohn's & Colitis Foundation of America, and Crohn's and Colitis Foundation Family Conference, Houston, Texas, Sept. 23, 2000.

Speaker. "What Makes a Leader? A Workshop." Cedars-Sinai Medical Center, Department of Pediatrics Annual House Staff Retreat, Malibu, California, Nov. 3, 2000.

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

Chair. "History of Nutritional Research on Bone Diseases." American Society of Nutritional Sciences Annual Meeting, Orlando, Florida, April 2, 2001.

Presenter. "Genomic Organization and Granulocyte Expression of Small Intestinal Maltase-Glucoamylase." Experimental Biology 2001, Orlando, Florida, April 2, 2001.

Speaker. "Of Maize and Man: The Evolution of Starch Digestion and Role of Maltase Glucoamylase." La Escuela de Nutrición de la Universidad Francisco Marroquín, Guatemala City, Guatemala, April 9, 2001.

Speaker. "Of Maize and Man: The Evolution of Starch Digestion and Role of Maltase Glucoamylase." Hospital Herrera Llerandi, Guatemala City, Guatemala, April 9, 2001.

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

Speaker. "Cardiovascular Risk Begins in Childhood: Our Legacy for the Next Century." University of Vermont, Burlington, Vermont, July 14, 2000.

Speaker. "Cardiovascular Risk and Obesity in Children." Healthy School Environment Policy and Community Action Summit, Sacramento, California, Sept. 27, 2000.

Speaker. "Impact of Obesity on Cardiovascular Risk in Children." Northland Chapter of the American College of Sports Medicine, Minneapolis, Minnesota, Oct. 5, 2000.

Speaker. "Prevalence of Obesity in Children and its Significance." American College of Nutrition, Las Vegas, Nevada, Oct. 14, 2000.

Speaker. "I'm Dieting as Fast as I Can: U.S. Consumers' Fatal Attraction with the Fad Diet Industry." Houston Dietetic Association, Houston, Texas, Nov. 10, 2000.

Speaker. "Getting a Handle on Childhood Obesity." Texas Dietetic Association Annual Meeting, Houston, Texas, April 6, 2001.

Speaker. "Prevalence of Obesity in Children and Its Significance." 2001 Indiana Dietetic Association Spring Meeting: Back to the Future, Indianapolis, Indiana, April 11-12, 2001.

Speaker. "Meshing Sound Science with the Right Communication Messages." Technical Committee on Carbohydrates, International Life Sciences Institute North America, Washington, D.C., April 25, 2001.

Speaker. "Getting a Handle on Childhood Obesity." Tulane University Health Sciences Center, New Orleans, Louisiana, April 23, 2001.

Speaker. "The Sugar Controversy: Fact, Fiction or an Intuitive Zing." Arizona Dietetic Association, Inc., Mesa, Arizona, June 29, 2001.

Consultant. Expert Resource, International Food Information Council, 2001.

Member. Nominating Committee, Nutrition Research Dietetic Practice Group, American Dietetic Association.

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

Speaker. "Highlights in Nutrition of the VLBW Infant 2000." Neonatal Society of Thailand, Bangkok, Thailand, Aug. 3, 2000.

Speaker. "Adequacy of Human Milk for Preterm Infants." Mahidol University Teaching Hospital, Bangkok, Thailand, Aug. 4, 2000.

Moderator. Academy of Breastfeeding Medicine Meeting, Tucson, Arizona, Sept. 10-13, 2000.

Plenary Speaker. "Breastfeeding and the NICU Graduate." Academy of Breastfeeding Medicine meeting, Tucson, Arizona, Sept. 11, 2000.

Moderator. International Society for Research in Human Milk and Lactation, Tucson, Arizona, Sept. 15, 2000.

Plenary Speaker. "Breastfeeding and Brain Development." Midwest Society for Pediatric Research, Chicago, Illinois, Sept. 21, 2000.

Plenary Speaker. "Adequacy of Human Milk for Premature Infants." Conference on Milk Banking in Italy, Trento, Italy, Sept. 23, 2000.

Speaker. "Updates from Breastfeeding Organizations." Texas Breastfeeding Summit, Houston, Oct. 13, 2000.

Speaker. "Breast Milk Is Best for the Premature Infant." BCM Perinatal Outreach Nursing Symposium, Houston, Texas, Oct. 27, 2000.

Speaker. "Challenges in Feeding Premature Infants," "Scientific Benefits of Breast Milk for Term and Preterm Infants," and "Parenteral Nutrition for the High Risk Infant." Neonatology 2000, University of Miami School of Medicine 24th International Conference, Key Biscayne, Florida, Nov. 8-10, 2000.

Speaker. "Factors Affecting Gut Development" and "Enteral Feeding of VLBW Infants." 57<sup>th</sup> Perinatal and Developmental Medicine Symposium on Perinatal Growth and Nutrition, Marco Island, Florida, Nov. 30 - Dec. 3, 2000.

Moderator. Nutrition session at Hot Topics in Neonatology 2000, Washington, D.C., Dec. 5, 2000.

Speaker. "Aggressive Early Enteral Nutrition." Hot Topics in Neonatology 2000, Washington, D.C., Dec. 5, 2000.

Visiting Professor. "Challenges in the Feeding of Premature Infants." Babson Lecture in Neonatology, Oregon Health Sciences University, Portland, Oregon, Dec. 7, 2000.

Speaker. "Post-discharge Nutritional Support for the Premature Infant." Portland Academy of Pediatrics, Portland, Oregon, Dec. 7, 2000.

Speaker. "Focus on Neonatal Nutrition." Northwest Neonatal Society, Portland, Oregon, Dec. 8, 2000.

Speaker. "Post-discharge Nutrition for the Low Birth Weight Infant." Shaare Zedek Pediatric Conference, Shaare Zedek Hospital, Jerusalem, Israel, Jan. 29, 2001.

Speaker. "Enteral Nutrition for the Low Birth Weight Infant in the NICU." Countywide Neonatology Grand Rounds, Sharp Mary Birch Hospital, San Diego, California, Feb. 1, 2001.

Speaker. "Post-hospital Nutrition of the NICU Graduate." San Diego Children's Hospital Grand Rounds, San Diego, California, Feb. 2, 2001.

Speaker. "Human Milk Fortification 2001" and "Breastfeeding in the NICU." 13<sup>th</sup> Annual Breastfeeding Conference, Emory University School of Medicine, Atlanta, Georgia, Feb. 9, 2001.

Ray A. Kroc Visiting Professorship. "Breastfeeding and Brain Development," "Early Use of Parenteral Nutrition for Premature Infants," "Use of Human Milk," "Research Studies in Human Milk Fortification," and "Challenges in Feeding the Premature Infant," Perinatal Conferences, University of Texas Southwestern Medical Center, Division of Neonatal-Perinatal Medicine, Dallas, Texas, Feb. 13-16, 2001.

Speaker. "Feeding the Preterm Infant," "Use of Human Milk for Preterm Infants," and "Post-discharge Nutrition for High Risk Infants." 9<sup>th</sup> Sao Paulo Pediatric Society Congress, Sao Paulo, Brazil, March 26-27, 2001.

Speaker. "Challenges in Feeding Premature Infants." Grand Rounds, Children's Hospital and Clinics, St. Paul, Minnesota, May 31, 2001.

Visiting Professor. "Feeding Premature Infants" and "Use of Fortified Human Milk." University of Minnesota Medical Center, Fairview Medical Center, Minneapolis, Minnesota, May 30-31, 2001.

Visiting Professor. "Aggressive Nutritional Support for the VLBW Infant." University of British Columbia Children's Hospital, Vancouver, British Columbia, Canada, June 6, 2001.

Plenary Speaker. "Human Milk Use in the NICU" and "Human Milk Benefits for Premies." International Conference of Human Milk Banking Association of North America, Vancouver, British Columbia, Canada, June 7-8, 2001.

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

Speaker. "Parenteral Nutrition." North American Society for Pediatric Gastroenterology and Nutrition Annual Meeting, Boston, Massachusetts, Aug. 8, 2000.

Speaker. "Infant Feeding." University of Pittsburgh Grand Rounds, Pittsburgh, Pennsylvania, Aug. 17, 2000.

Speaker. "Feeding the Preterm Infant." Johns Hopkins University, Baltimore, Maryland, Nov. 8, 2000.

Lecturer. "Parenteral Nutrition." Neonatal Physiology course, Houston, Texas, Feb. 7, 2001.

Lecturer. "Intravenous Fat Emulsion." Neonatal Physiology course, Houston, Texas, Feb. 14, 2001.

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

Speaker. "VLBW Infants Maintain Normoglycemia by Producing Glucose via their Gluconeogenic Pathway." The 17<sup>th</sup> Annual Mead Johnson Nutritionals Neonatal Nutrition Symposium, Carlsbad, California, Dec. 9, 2000.

Speaker. "Gluconeogenesis in Premature Infants." National Institute of Health Workshop on Glucose/Carbohydrate Metabolism in the Newborn Infant. Children's Nutrition Research Center, Baylor College of Medicine, Houston, Texas, Dec. 13, 2001.

Speaker. "Hexoneogenesis Is a Significant Source of Lactose in Human Milk." Experimental Biology 2001, Orlando, Florida, April 2, 2001.

Speaker. "Impact of Lactation on Maternal Glucose Homeostasis: Are Glucose Demands Increased?" Experimental Biology 2001, Orlando, Florida, April 3, 2001.

Speaker. "Gluconeogenic Substrate Availability Is Important for Maintaining Glucose Production in Prematurely Born Infants." Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, May 1, 2001.

Speaker. "[U-<sup>13</sup>C]Glucose MIDA Provides Accurate Measures Of Gluconeogenesis, Is Easy to Perform and Requires Only Small Blood Sample Volumes." The 61<sup>st</sup> Scientific Sessions of the American Diabetes Association, Philadelphia, Pennsylvania, June 24, 2001.

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

Speaker. "Mutations in MeCP2 Cause Rett Syndrome." World Congress of Rett Syndrome, Nagano, Japan, July 24-27, 2000.

Presenter. "Mutations in the Gene for X-linked Methyl-CpG binding protein (MECP2) Cause Rett Syndrome." 2000 Annual Meeting, American Association of University Affiliated Programs for Persons with Developmental Disabilities (AAUAP), Seattle, Washington, Aug. 1-3, 2000.

Speaker. "Genetic Studies on X-linked Dominant Neurodevelopmental Disorders." South Central Conference on Perinatal Research, Austin, Texas, Oct. 19, 2000.

Speaker. "Epigenetic DNA Modification in Development." NIH Workshop: "Glucose and Carbohydrate Metabolism in the Newborn," Children's Nutrition Research Center, Houston, Texas, Dec. 12, 2000.

Speaker. "Methylation and Transcriptional Regulation: Methyl-CpG Binding Protein 2 and Rett Syndrome." Workshop: "The Epigenome in Human Genetics," American College of Medical Genetics, Annual Clinical Genetics Meeting, Miami, Florida, March 1-4, 2001.

Lecturer. "Preimplantation Diagnosis," "Fetal Cells in the Maternal Circulation," and "Developmental Disorders": three lectures in postgraduate course, Genetic Insights in Obstetrics, American College of Obstetrics and Gynecology (ACOG) 50<sup>th</sup> Anniversary Annual Clinical Meeting, Chicago, Illinois, April 28, 2001.

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

Presenter. "To Soy or Not To Soy! Possible Alternative to HRT?" Houston Area Dietetic Association, Houston, Texas, Sept. 21, 2000.

Presenter. "Body Water Measurements." Pharmacia and Upjohn investigator/study coordinator startup meetings, Miami, Florida, Sept. 26, 2000, and Newport Beach, California, Sept. 29, 2000.

Presenter. "Soy Isoflavones May Stimulate Nitric Oxide Production and Reduce Lumbar Spine Bone Loss in Postmenopausal Women." Experimental Biology 2001, Orlando, Florida, April 3, 2001.

Presenter. "Childhood Obesity in Texas: Evidence of a Rapidly Developing Epidemic." Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, April 28, 2001.

Modulator. "Nutrition and Metabolism II." Pediatric Academic Societies Annual Meeting, Baltimore, Maryland, May 1, 2001.

Presenter. "Potential Health Benefits of Soy Against Cardiovascular Disease and Osteoporosis in Postmenopausal Women." The 61<sup>st</sup> Annual Meeting of the Institute of Food Technologists, New Orleans, Louisiana, June 26, 2001.