

KATHLEEN MAHER RASMUSSEN, ScD, RD

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ADDRESS

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EDUCATION

Brown University	Molecular Biology	A.B. 1970
Harvard University	Nutrition	Sc.M. 1975
Harvard University	Nutrition	Sc.D. 1978

PROFESSIONAL CREDENTIALS

Registered Dietitian, 1979-present

PROFESSIONAL EMPLOYMENT

2015-present	The Nancy Schlegel Meinig Professor of Maternal and Child Nutrition , Division of Nutritional Sciences, Cornell University, Ithaca, NY
2011-present	Honorary Senior Scientist , Institute of Preventive Medicine, Copenhagen University Hospital, Fredriksberg, Denmark
2004-2008	Member, Board of Trustees (Elected by the University Faculty) Cornell University, Ithaca, NY
2003-present	International Professor , College of Agriculture and Life Sciences, Cornell University, Ithaca, NY
1997-2000	Associate Dean and Secretary of the University Faculty, Office of the Dean of the Faculty, Cornell University, Ithaca, NY
1996-present	Professor , Division of Nutritional Sciences, Cornell University, Ithaca, NY
1992-1995	Associate Director of Graduate Affairs, Division of Nutritional Sciences, Cornell University, Ithaca, NY
1992-1995	Graduate Faculty Representative (Field of Nutrition), Division of Nutritional Sciences, Cornell University, Ithaca, NY
1989-1990	Pew Faculty Scholar in Nutrition, Centre de Recherches sur la Nutrition, Centre National de la Recherche Scientifique, Meudon-Bellevue, France
1988-1996	Associate Professor, Division of Nutritional Sciences, Cornell University, Ithaca, NY (tenure granted 1/89)
1983-1988	Assistant Professor, Division of Nutritional Sciences, Cornell University, Ithaca, NY
1981-1983	Instructor, Division of Nutritional Sciences, Cornell University, Ithaca, NY
1981	Research Associate, Division of Nutritional Sciences, Cornell University, Ithaca, NY
1978-1980	Postdoctoral Fellow, Division of Nutritional Sciences, Cornell University, Ithaca, NY
Summer 1978	Research Fellow, Department of Nutrition, Harvard University, Boston, MA
Summer 1974	Teaching Fellow, Department of Nutrition, Harvard University, Boston, MA

- 1972-1973 Analytical Chemist, Berkley Machine Works and Foundry Company, Inc., Norfolk, VA
- 1971-1972 High School Science Teacher, Cape Hatteras School, Buxton, NC

SABBATICAL LEAVES

- 1989-1990 Centre de Recherches sur la Nutrition, Centre National de la Recherche Scientifique, Meudon-Bellevue, France (Host: Pascal Ferré)
- Fall 2000 Institute of Preventive Medicine and Danish Epidemiology Science Center, University of Copenhagen, Copenhagen, Denmark (Host: Thorkild I.A. Sørensen)
- Fall 2006 Department of Human Nutrition, Royal Veterinary and Agricultural University, Frederiksberg, Denmark (Host: Kim F. Michaelsen)
- Fall 2010 Division of Nutritional Sciences (travel and writing for preparation of a grant application)
- Fall 2016 Division of Nutritional Sciences (travel and writing)

FELLOWSHIPS AND AWARDS AND OTHER RECOGNITIONS

- 1969 NSF Undergraduate Research Participant, Harvey Mudd College
- 1974-1978 NIH Predoctoral Trainee, Harvard University
- 1978 Finalist, American Institute of Nutrition Graduate Student Competition
- 1978-1980 NIH Postdoctoral Trainee, Cornell University
- 1981-1984 NIH New Investigator Research Award
- 1989-1990 Pew Faculty Scholar in Nutrition (sabbatical leave)
- 1989-1990 NIH Senior Fellowship (declined; duplicate funding)
- 2006 The Excellence in Nutrition Education Award, American Society for Nutrition
- 2009 The Dannon Institute Mentorship Award, American Society for Nutrition
- 2009-present Fellow, International Union of Nutritional Sciences
- 2011-present National Associate, National Academy of Sciences
- 2012 Agnes Higgins Award, American Public Health Association
- 2014-present Fellow, American Society for Nutrition
- 2104 Award for the Teaching, Advising, and Mentoring of Graduate and Professional Students, Cornell Graduate and Professional Student Assembly
- 2016 Macy-György Award, International Society for Human Milk and Lactation
- 2017 Friend of WIC Award, National WIC Association
- 2017 Conrad A. Elvehjem Award for Public Service in Nutrition, American Society for Nutrition

RESEARCH SUPPORTGrants Awarded

Principal Investigator, Effects of Malnutrition on Lactation Performance, NIH (New Investigator Research Award), R23 HD-14953, April 1981 - March 1984, \$108,364 (direct costs).

Program Director, Maternal and Child Nutrition Amendment to the Cornell/AID Cooperative Agreement on Nutritional Surveillance, AID, DSAN-CA-0240, October 1982 - September 1985, \$256,219 (total costs).

Principal Investigator, Chronic Malnutrition and the Metabolic Response to Pregnancy. New York State Hatch Project 199-422, October 1983 - September 1991, \$3,500-\$6,000/yr.

Principal Investigator, Mechanisms by Which Malnutrition Affects Lactation. NIH, R01 HD-14953, April 1984 - May 1987, \$184,414 (direct costs); June 1987 - May 1990, \$262,538 (direct costs).

Program Director, Training in Maternal and Child Nutrition. NIH, T32 HD-07731, July 1987 - July 1992, \$470,662 (direct costs).

Co-Investigator on Cornell subcontract (Jere D. Haas, Cornell Principal Investigator; Reynaldo Martorell, Principal Investigator), Early Malnutrition and Status in Adolescence. NIH, R01 HD-22440, May 1987 - April 1990, \$1,567,824 (direct costs).

Co-Investigator (Jean-Pierre Habicht, Principal Investigator), Evaluating the Effects of Maternal and Infant Nutrition on Length of Lactational Amenorrhea. Institute for International Studies in Natural Family Planning, Georgetown University. February 1988 - July 1989, \$30,000.

Principal Investigator, Maternal Nutrition and Health: Role of Compliance with Nutritional Supplementation During Pregnancy: Comparison of Data from Guatemala and Indonesia. AID (through a Cooperative Agreement with the International Center for Research on Women), June 1988 - May 1989, \$37,000 (total costs).

Principal Investigator, Effect of High-Dose Vitamin A Supplementation of Lactating Mothers on the Vitamin A Status of the Mother and Suckling Infant. Thrasher Research Fund, November 1989 - April 1992, \$122,074 (total costs).

Co-Investigator (Cutberto Garza, Principal Investigator). Integration of Nutritional Goals and Food Systems. United States Department of Agriculture, Cooperative State Research Service, May 1989 - April 1994, approximately \$450,000 annually (direct costs).

Principal Investigator, Developing Indicators of Benefit from Dietary Supplementation of Pregnant and Lactating Women. New York State Hatch Project 199-453, October 1991 - September 1992, \$4,000.

Program Director, Training in Maternal and Child Nutrition. NIH, 5 T32 HD-07331, July 1992 - June 1997, \$783,621 (direct costs).

Principal Investigator, Nutrition and Regulation of Postpartum Anovulation. NIH, RO1 HD 28663, August 1993 - July 1995, \$233,666 (direct costs).

Principal Investigator, Subproject: Effect of Plant Food Consumption Among Nutritionally Vulnerable Groups. USDA 92-34115-8073, September 1992 - August 1993, \$52,139 (direct costs); September 1993 - August 1994, \$40,570 (direct costs).

Principal Investigator, Breastfeeding Beyond Twelve Months: Who Decides, Who Benefits? Wellstart's Expanded Promotion of Breastfeeding Program, November 1993 - October 1995, \$73,990 (direct costs).

Principal Investigator, Breastfeeding Beyond Twelve Months: Who Decides, Who Benefits? Diarrhoeal Disease Control Programme, WHO, November 1993 - December 1997, \$12,300 (direct costs).

Program Director, Training in Maternal and Child Nutrition. NIH, May 1997 - April 2002, \$950,810.

Co-Investigator (Patrick Stover, Principal Investigator), Regulation of Folate Catabolism. NIH, July 1997 - June 2002, \$1,396,502.

Principal Investigator, Obesity and the Initiation of Lactation. USDA/Hatch, October 1997 - September 2000, \$5,000/year (direct costs).

Principal Investigator, Effect of Maternal Multivitamin-Mineral Supplement Use During Lactation on Milk Secretory Immunoglobulin A Concentration and Duration of Lactational Amenorrhea. Mead Johnson, December 1997 - September 2000, \$52,690.

Principal Investigator, Leadership Training in Nutritional Sciences. Dannon Institute, February 1998 - February 2000, \$23,500.

Principal Investigator, Links Between Maternal Obesity Before Pregnancy and Infant Growth. USDA/Hatch, October 1998 - September 2001, \$7,500/year (direct costs).

Principal Investigator, Maternal and Infant Health Interventions in Bangladesh. NIH, March 1, 2001 - February 28, 2006, \$2,965,278 (award declined).

Principal Investigator, Obesity and the Initiation of Lactation. USDA, August 1999 - August 2002, \$128,664 (total costs).

Principal Investigator, Using "Yield of Benefit" to Improve the Efficiency of the WIC Program. USDA Special Grant, September 1999 - August 2002. \$51,609 (total costs). (Supplement: \$6,813 from Meining Fund).

Principal Investigator, Obesity and the Initiation of Lactation in Minority Populations. USDA Special Grant, September 1999 - August 2002, \$49,851 (total costs). (Supplement: \$13,622 from Meining Fund).

Principal Investigator, Maternal Folic Acid Status During Pregnancy and Lactation: Implications for Reproductive Outcomes. USDA-Hatch, October 2003-September, 2006, \$15,000. (withdrawn).

Co-Investigator (Edward Frongillo, Principal Investigator), Subcontract to FANTA Project. AID, December 1998 - May 2003, amount varies by work order.

Principal Investigator, Proposal Development: What is the Optimal Birth Weight? USDA/Hatch, October 2001 - September 2003, \$20,000 (direct costs).

Project Director, Rural Obesity, New York. USDA, August 2003-July 2005, \$351,969.

Principal Investigator, Training in International Maternal and Child Nutrition. NIH (Fogarty International Center), March 1, 2001 - September 30, 2007, \$1,077,888.

Project Director, Rural Obesity, New York. USDA, September 2006-September 2007, \$172,829.

Principal Investigator, Improving Duration of Breastfeeding Among Obese Women, Hatch, October 2004-September 2007, \$15,000 annually.

Co-Investigator (Rebecca Stoltzfus, Principal Investigator). Seed Grant for Development of a University-wide Program in Global Health. Mario Einaudi Center, Cornell University. Spring 2006-Spring 2007, \$7,000.

Program Director, Training in Maternal and Child Nutrition. NIH/NICHD, September 2004-May 2009, \$632,255.

Co-Investigator (Warren Johnson, Principal Investigator). Framework Program in Global Health, NIH/Fogarty. October 2006-September 2009, \$125,000 direct costs annually.

Principal Investigator. Analyze and report on Infant Feeding Practices Study II data on infant feeding and maternal weight, Food and Drug Administration. September 2007-September 2009, \$5,000.

Program Director, Promoting healthful eating to prevent excessive weight gain in young adults, USDA/Hatch. September 2007-September 2009, \$170,407.

Co-Investigator (with Jeanne Moseley and Rebecca Stoltzfus). Opening a Door to the World Beyond Our Borders: The Development of Global Health Internship Opportunities in Tanzania for Cornell University Undergraduate and Graduate Students. Mario Einaudi Center, Cornell University. September 2007-August 2008, \$5,000.

Principal Investigator. Why do obese women breastfeed for less time than normal-weight women? USDA/Hatch, October 2008-September 2010, \$11,000 annually.

Collaborator (Rebecca Stoltzfus, Principal Investigator). Collaborative International Internship Program in Nutrition, Food Safety and Agriculture. USDA, January 2009-December 2011, \$99,109.

Collaborator (Anna Winkvist, Göteborg University, Sweden, Principal Investigator). Short- and long-term effects of physical activity and dietary restriction postpartum on women's weight and body composition: a randomized study. Swedish Research Council, January 2009-December 2011, 1,960,000 SEK (~\$240,000).

Program Director, Training in Maternal and Child Nutrition. NIH/NICHD, May 2009-April 2014, \$906,246 (no-cost extension to April 2015).

Principal Investigator. Linking maternal obesity, breastfeeding, milk expression and infant feeding. USDA/Hatch, October 2011-September 2013, \$24,360 direct costs.

Principal Investigator. Analyze and report Infant Feeding Practices Study II data on expressed milk feeding and other infant feeding patterns. FDA, August 2011 - March 2014, \$5,000 total costs.

Principal Investigator, Microbial growth in expressed human milk during at-home handling and storage. USDA/Hatch, October 2016-September 2018, \$16,750 direct costs.

Currently Active Support

Consultant (Ellen W. Demerath, Principal Investigator, University of Minnesota). Maternal obesity, breast milk composition, and infant growth. NIH/NICHD, July 2014-June 2019, \$3,422,978 (total costs).

Consultant (Christine Porter, Principal Investigator, University of Wyoming), Growing resilience in family, community and nursing: a RCT on gardens for health. NIH, April 2015-March 2020.

Program Director, Training in Maternal and Child Nutrition. NIH/NICHD, May 2016-April 2021, \$897,794 direct costs.

TEACHING ACTIVITIES

Leadership training

Program developer and principal faculty member, **Dannon Nutrition Leadership Institute**, Wye River, MD; 1998, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017.

Grants Awarded

Co-Investigator (Christine M. Olson, Principal Investigator), Intensive Course in Maternal Nutrition. March of Dimes, July 1984 - September 1987, \$60,000 (total costs).

Principal Investigator, The Development of Student Projects for Maternal and Child Nutrition. President's Fund for the Improvement of Undergraduate Education, Cornell University, Spring, 1989, \$2,000 (total costs).

Principal Investigator, Development of Digital Instructional Materials in Maternal and Child Nutrition. College Grant, College of Human Ecology, June 2001 - May 2002, \$6,388.

Principal Investigator, Development of Electronic Teaching Resources in Maternal and Child Nutrition. College of Agriculture & Life Sciences, July 2001 - June 2003, \$5,000.

Principal Investigator. Training NutriCoaches for Danone-Nutricia Early Life Nutrition. Danone-Nutricia Early Life Nutrition, April 2015-September 2017. \$331,144 direct costs.

Teaching Assignments

NutrSci 614/6140: Topics in Maternal and Child Nutrition, Fall, 3 credits (1980-88; 1990-2003, 2005, 2007-2009, 2011-15, 2017).

This is an advanced course on the role of nutrition during pregnancy and lactation. Feeding and growth of infants and children in health and disease are considered. Critical evaluation of current literature is emphasized.

Intensive Course in Maternal Nutrition (1985-1987) with Dr. C.M. Olson.

NutrSci 222: Maternal and Child Nutrition, Spring, 3 credits (1989).

NutrSci 332: Methods in Nutritional Sciences, Spring, 3 credits (1991).

NutriSci 450/4500: Public Health Nutrition, Spring, 3 credits (1998-2008 with Dr. D. Pelletier; 2 credits, 2009-2015; 3 credits with Dr. A.R. Kelles, 2016-17; 3 credits, 2018). This course helps prepare students to work in public health nutrition by describing methods used in the assessment of nutrition problems, development of nutrition-related policies, and delivery of health, nutrition and food assistance programs.

NutrSci 499/4990: Honors Problem

Karen Susan Lazan. An Investigation of the Causes of Reduced Litter Number in Chronically Malnourished Rats. B.S. Honors Thesis, Nutrition, May 1986.

Helena Pachón. Perinatal Maternal Nutritional Status and Litter Size Interactively Affect Time Spent Nursing in Sprague-Dawley Rats. B.S. Honors Thesis, Biological Sciences, Cornell, April 1993.

Yasmeen Kutty. The Effect of the Consumption of a High-Fat Diet on Reproduction in Sprague-Dawley Rats. B.S. Honors Thesis, Nutrition, May 1994.

Maureen Alexandra Shaw. Consumption of a High-Fat Diet Reduces Reproductive Performance in Rats. B.S. Honors Thesis, Nutrition, May 1995. *Cornell Tradition Fellow*

David P. Fitzgerald. The Nursing Method of Milk Extraction Can Be Used to Compare Milk From Well- and Poorly Nourished Animals. B.S. Honors Thesis, Nutrition, May 1995.

Mary Hayes Wallace. The Effect of a High-Fat Diet on Reproductive and Immunological Performance in the Female Sprague-Dawley Rat. B.S. Honors Thesis, Animal Science, May 1995.

Laura Treye Weissman. Documentation of Second-by-Second Breastfeeding Using a Novel Method. B.S. Honors Thesis, Nutrition, May 1996.

Linda Monia Dini. Association Between Breast-Fed and Body Mass Index in Sample of White, Rural-Dwelling, High-School students. B.S. Honors Thesis, Nutrition, December 1997.

Suganya Karuppana. Why Do Women Who Deliver at Bassett Stop Breastfeeding So Much Earlier Than is Recommended? B.S. Honors Thesis, Nutrition, May 2001.

Nida Chaudhary. Factors Affecting the Duration of Breastfeeding in the Population Served by Bassett Healthcare in Cooperstown, NY: Why Are Women Stopping So Early? B.S. Honors Thesis, Nutrition, May 2004.

Karin Alexandra Katz. Lactation Counseling Practices Used With Women in Denmark. B.S. Honors Thesis, May 2008. *Rawlings Cornell Presidential Research Scholar*

Stephanie Alison Leonard. Associations Among High Prepregnancy Body Mass Index, Use of a Breast Pump and Breastfeeding Outcomes: Data from the Infant Feeding Practices Study II. B.S. Honors Thesis, December 2009. *Rawlings Cornell Presidential Research Scholar*

Carlie Jeanine Arbaugh. Maternal Overweight/Obesity as a Modifier of the Association Between Postpartum Work Behavior and Breastfeeding Behavior. B.S. Honors Thesis, May 2013. *Meinig Family Cornell National Scholar, SUNY Chancellor's Award for Student Excellence, Cornell Undergraduate Research Board Spring Forum: Winner of Poster Competition*

Rei Yamada. Mothers' Use of Social Media to Understand and Inform Their Practices for Pumping Human Milk and Feeding Pumped Milk to Infants. B.S. Honors Thesis, May 2015.

Shannon X. Chen. Maternal Reproductive History and Risk of Cardiovascular Disease: A Prospective Study Within the Danish National Birth Cohort. B.S. Honors Thesis (*magna cum laude*), May 2016. *Rawlings Cornell Presidential Research Scholar*

Guest Lectures at Cornell

NutrSci 332: Laboratory Methods in Nutritional Sciences: "Hematology"; 1978, 1979.

NutrSci 636: Integration and Coordination of Energy Metabolism: "Metabolic Stress: Concept of Homeorhesis with Reference to Pregnancy and Lactation"; 1981.

Short Course in Nutritional Surveillance, Cornell Nutritional Surveillance Program: "Maternal Nutrition"; 1983.

NutrSci 222: Maternal and Child Nutrition: "Adolescent Pregnancy"; "Effect of Malnutrition on the Quantity and Quality of Human Milk"; "Supplemental Feeding Programs and Child Health"; "The Concepts of Risk and Benefit in Maternal and Child Health"; "Evaluation of the WIC Program"; 1984, 1986, 1987, 1995, 1996.

NutrSci 685: Food and Nutrition Policy Analysis and Surveillance: "Maternal Nutrition: Biological Considerations During Pregnancy and Lactation and Implications for Anthropometric Indicators of Status"; "A Case Study of the WIC Program in the U.S.: The Interplay of Science, Economics and Politics"; 1992.

NutrSci 306/3060: Nutritional Problems in Developing Nations: "Maternal nutrition during pregnancy and throughout the reproductive cycle", "The causes and consequences of low birthweight" and "The physiology of lactation and the nutritional uniqueness of human milk", 1993-1994; "Maternal nutrition during pregnancy", 1995, 1997; "The physiology of lactation", 1995, 1997; "The advantages of breastfeeding", 1995, 1997; "Maternal nutrition", 2000, 2002; "HIV", 2004, 2005; "Maternal nutrition during pregnancy and lactation", 2009; "Women's nutrition and reproductive health", 2011, 2013, 2015, 2017.

NutrSci 120: Contemporary Perspectives in Nutrition: "What are the needs and opportunities in Maternal and Child Nutrition?"; 1994.

NutrSci 347: Human Growth and Development: Biological and Behavioral Interactions: "Prenatal growth and postnatal morbidity and mortality"; 1995.

NutrSci 660: U.S. Nutrition Policy: "Revising the WIC Eligibility Criteria"; 1996.

BioSci 757: Current Concepts in Reproductive Biology: "Lactation: Effects on Reproduction"; 1997, 1999, 2001, 2003, 2005, 2007.

NutrSci 651: Food and Nutrition Action in a Social Context: "The WIC Program"; 2000, 2002..

NutrSci 442: Implementation of Nutritional Care: "Nutrition During Pregnancy", 1998, 1999; "Nutrition During Lactation", 1998, 1999, 2001.

NutrSci 206/2600: Introduction to Global Health: various lectures (including "HIV/AIDS: Biological Perspective", "Maternal Mortality: Epidemiological Perspective", "Maternal mortality: Biological Perspective", and "Concept Mapping"), 2007-present.

NutrSci 6200: Translational Research and Evidence-based Policy and Practice: 3 lectures related to development of guidelines by expert committees, 2012-15, 2017.

NutrSci 3220: Maternal and Child Nutrition: "Healthy diets for infants and toddlers: nutrition and feeding issues", 2014; Panel discussion, "Improving nutritional status and health of mothers and children in the US and globally," 2017.

Keynote presentation, 2nd Symposium on Responsible Conduct of Research: "Genetic research among the Havasupai," January 2014.

WHO/Cochrane Collaboration/Cornell University Summer Institute for Systematic Reviews in Nutrition for Global Policy Making: "Controversies in maternal and child nutrition: The case of gestational weight gain," 2014-17.

BioMG 7510: Responsible Conduct of Research: "Conflict of interest." 2016-18.

Guest Teaching Elsewhere

University of Rochester Medical Center, School of Medicine and Dentistry, Rochester, NY, "Prevention of malnutrition: micronutrient and macronutrient deficiencies", American Medical Student Association (AMSA) International Health Orientation, September 1996.

Royal Veterinary and Agricultural University. Research Department of Human Nutrition, Fredricksberg, Denmark.

Nutritional Epidemiology: "Applications of nutritional epidemiology in public health action: an example from the USA (folic acid)", 2000

Public Health Nutrition: "Public health nutrition in the USA", 2000

Pediatric Nutrition: "Supplementation trials in children", 2002.

Public Health Nutrition: "Public health nutrition from an American viewpoint" (6 h), 2006.

Suhrs Seminarium, Copenhagen, Denmark.

"Overview of nutrition programs in the US" (2 h), 2006.

University of Copenhagen. Research Department of Human Nutrition, Fredricksberg, Denmark.

Public Health Nutrition: "Poverty in the United States", 2007.

University of California, Berkeley. School of Public Health, Berkeley, CA.

Nutritional Epidemiology: “Lactation: volume, composition and nutrition outcomes”, 2010
Maternal and Child Nutrition Core Course: “Weight gain during pregnancy: reexamining the guidelines”, 2010.

Mentoring Activities

Katarzyna Kordas, Ph.D., Assistant Professor, Pennsylvania State University, 2007-13.

David L. Pelletier, Ph.D., Associate Professor, Division of Nutritional Sciences, Cornell University, 2009-11.

Christine Porter, Ph.D., Assistant Professor, University of Wyoming, 2010-15 (USDA AFRI grant only)

Julia Finkelstein, Sc.D., Research Scientist, Division of Nutritional Sciences, Cornell University, Departmental Mentoring Committee, 2011-present.

Courtney Roby, Ph.D., Assistant Professor, Department of Classics, Cornell University, 2011 (teaching only).

Sera L. Young, Ph.D., Research Scientist, Division of Nutritional Sciences, Cornell University, Co-mentor NIH K01 application, 2011-16.

Katherine L. Dickin, Ph.D., Research Scientist, Division of Nutritional Sciences, Cornell University, Departmental Mentoring Committee, 2014-present.

Laura Barré, M.D., R.D., Research Scientist and Lecturer, Division of Nutritional Sciences, Cornell University, Departmental Mentoring Committee, 2015-present.

Kathryn J. Fiorella, Ph.D., M.P.H., Lecturer (Assistant Professor beginning in 2018), Program in Public Health, Department of Population Medicine and Diagnostic Sciences, College of Veterinary Medicine, Cornell University, Departmental Mentoring Committee, 2017-present.

Postdoctoral Fellows Supervised

Miriam H. Alexander, M.D., 1985-87

Caron Bove, M.D., 1988-89

Denise Gigante, Ph.D., 2003

Dewan Alam, Ph.D., 2005-06

Laura E. Hauff, Ph.D., 2011-12

Xiaomiao Lan-Pidhainy, Ph.D., 2012-13

Visiting Scholars Hosted

Hilde Brekke, Ph.D., Sahlgrenska Academy, Gothenberg University, Sweden (Vinmer Fellow); 2009-10, summer 2011, summer 2012, spring/summer 2013, spring/summer 2014

Visiting Students Supervised

Lise Geisler Anderson, M.S.; Ph.D. candidate, University of Copenhagen, Denmark, Fall 2009
Helene Kirkegaard, M.S.; Ph.D. candidate, Aarhus University, Denmark, 2013

Graduate Field Membership

Field of Nutrition (human nutrition, international nutrition), 1983-present
Minor Field of Epidemiology, 2011-present

Graduate Students Currently Supervised

Chair of the Special Committee:

Sarah Reyes Paredes, Ph.D. candidate, 2017
Jennifer Peregoy, Ph.D candidate, 2019

Member of the Special Committee:

Emily Bielecki Madan, Ph.D. candidate, 2018
Dadirai Fundira, Ph.D. candidate, 2018
Gargi Wable, Ph.D. candidate, 2019

Graduate Students Who Have Completed Training

Chair of the Special Committee:

Nancy L. Warman. The Effects of Malnutrition During the Reproductive Cycle on the Nutritional Status of Rat Dams and Their Pups. M.N.S., 1983.

Carolyn M. Young. The Effects of Varying Degrees of Chronic Dietary Restriction on Reproductive and Lactational Performance in Rats. M.N.S., 1984.

Karen L. Fischbeck. The Effects of Repeated Reproductive Cycles on Reproductive and Lactational Performance Under Various Levels of Dietary Restriction in Rats. M.N.S., 1985.

William D. Fellows. Partition of Nutrients Between Dam and Fetuses in Rats Underfed Acutely and Chronically. M.S., 1985.

Rebecca L. Kliewer. The Effects of Malnutrition During the Reproductive Cycle on Galactopoietic Hormone Values and Lactational Performance in the Rat. M.S., 1986.

Tammy M. Sakanashi. The Effect of Acute Dietary Restriction During Lactation on Cardiac Output, Organ Blood Flow, and Organ Weights. M.S., 1987.

Heather E. Brigham. The Effect of Food Restriction During the Reproductive Cycle on Organ Weight and Organ Blood Flow in the Rat. M.N.S., 1987.

Anna K. Winkvist. Infants Among the Abelan: A Nutritional and Ethnographic Study of Pregnancy, Childbirth and Infant Growth in Papua New Guinea. M.S., 1988.

Laura D. Turner. The Effects of Protein-Energy Malnutrition During the Reproductive Cycle on Nutrient Uptake by the Mammary Glands of the Rat. M.S., 1989.

Constance Johnson. The Role of Participation with Food Supplementation During Pregnancy: A Comparison of Data from Indonesia and Guatemala. M.S., 1990.

Kerry J. Schulze. The Effect of Maternal Nutritional Status on the Prolactin Response to Suckling During Lactation in the Rat. M.S., 1991.

Anna Winkvist. Maternal Depletion Among Pakistani and Guatemalan Women. Ph.D., 1992.

Rebecca J. Stoltzfus. Vitamin A and Lactation in Indonesian Women. Ph.D., 1992.

Michelle K. McGuire. Control of Postpartum Fecundity by Maternal Food Intake and Suckling Stimulus in the Laboratory Rat. Ph.D., 1994.

Rebecca K. Olson. Developing Indicators That Predict Benefit From Prenatal Energy Supplementation. Ph.D., 1994.

Grace S. Marquis. The Association of Breastfeeding with Decreased Linear Growth in 12- to 15-mo old Lima (Peru) children: An Example of Reverse Causality. Ph.D., 1996.

Julie Hilson. Maternal Obesity and Breastfeeding Success. Ph.D., May 2000.

Jennifer Lyn Baker. Maternal obesity, infant feeding methods and infant growth. Ph.D., August 2003.

Nkosinathi V. Mbuya. Household Participation in Child Vitamin A Supplementation Programs in Rural Tanzania. Ph.D., January 2006.

Kuntal K. Saha. Household Food Security, Infant Feeding Practices and Growth of Infants and Young Children in Rural Bangladesh. Ph.D., August 2007.

Christine M.D. Surber. Breastfeeding Among Obese Women: The Role of Infant Size and Providing Additional Support. M.S., August 2007.

Sabrina Rasheed. Understanding Breastfeeding Practices in Bangladesh: Links Between Mothers' Perception and Practice. Ph.D., August 2007.

Eva C. Monterrosa. The Influence of Maternal Fatness, Knowledge, and Diet on Infant and Young Child Feeding in Mexico. Ph.D., August 2010.

Julia P. Felice. A Mixed-methods Investigation of Pumping Human Milk and Feeding Pumped Human Milk to Infants. Ph.D., January 2014.

Christine D. Garner. Obese Women's Experiences Breastfeeding and Health Professionals' Experiences Providing Breastfeeding Care. Ph.D., August 2015.

Elizabeth O'Sullivan. Distinguishing Between Feeding Human Milk at the Breast and From a Bottle. Ph.D., January 2016.

Jisung Woo. Factors Affecting Participation Behaviors of Pregnant Women Who Jointly Received Two Different Nutrition Supplements in Bangladesh. Ph.D., January 2017.

Member of the Special Committee:

Lenore J. Launer. The Relationship Between Maternal Work Patterns and Duration of Breast-Feeding Among Rural Malay Women. M.S., 1982.

Rachel Novotny. Maternal and Infant Nutritional Status During Exclusive Breast-Feeding in the Lake Titicaca Region, South America. M.S., 1982.

Sonya Rabeneck. The Determinants of Protein-Energy Malnutrition Among Preschool Children in Kenya with Respect to Cash Cropping and Self-Sufficiency in Staple Food Production. Ph.D., 1982.

D. Yvonne Jones. Associations Between Poverty and Child Growth: Analysis of Cross-Sectional National Surveys, HANESI and HANESII. Ph.D., 1983.

Geoffrey C. Marks. Maternal Supplementation During Pregnancy--Who Benefits? M.S., 1985.

Kathleen M. Merchant. Maternal Nutritional Status, Metabolic Differences and Resulting Fetal Growth in a Bolivian Population. M.S., 1986.

Katherine L. Dickin. Placental Morphometry and Infant Birthweight in Relation to Maternal Nutritional Status and Altitude of Maternal Birthplace in a Bolivian population. M.S., 1986.

Lenore J. Launer. The Social Epidemiology of Growth Faltering During Pregnancy: The Case of Madura, Indonesia. Ph.D., 1987.

Chessa K. Lutter. Nutritional Supplementation: When is it Most Effective in promoting Growth Among Malnourished Infants and Children? Ph.D., 1987.

Gail E. Rothe. Determinants of Response to Supplementation in Malnourished Guatemalan Children. M.S., 1988.

Molly Wilson Fairchild. The Postnatal Growth and Nutrient Intake of Term Infants: Classified by Birthweight, Ponderal Index, and Method of Feeding. M.S., 1988.

Karen A. Stewart. Psycho-Social and Behavioral Predictors of Breast-Feeding Duration in an urban Mexican Population. M.S., 1988.

Nancy A. Potishman. The Association Between Breast Cancer and Biochemical and Dietary Indicators of Nutrient Status. Ph.D., 1989.

Laura E. Caulfield. An Epidemiological Study of the Determinants and Postnatal Health Consequences of Variation in Ponderal Index Among Intrauterine Growth Retarded Infants. Ph.D., 1989.

Kathleen M. Kurz. Evaluating the Effects of Maternal and Infant Nutrition on Length of Lactational Amenorrhea Among Guatemalan Women. Ph.D., 1990.

Marie Ruel. Nutrition Knowledge and Education Determinants and Benefits. Ph.D., 1990.

Patricia A. Schoknecht. The Role of Insulin and Placental Lactogen in the Regulation of Late Gestation Ovine Fetal Growth. Ph.D., 1991.

Suzanne Nobrega. Regulations and Metabolic Effects of Placental Lactogen Secretion in Fed and Underfed Ewes. M.S., 1991.

Heidi J. Kalkwarf. Maternal Weight Gain and Risk of Preterm Delivery--Effects on Neonatal Mortality and Public Health Impact. Ph.D., 1991.

Teresita González-Cossío. Effect of Food Supplementation to Undernourished Guatemalan Women on Lactational Performance: A Randomized Double-Blind Trial. Ph.D., 1994.

Jay Sutherland Ross. Patterns and Determinants of Maternal Nutritional Status During Lactation in Malawi. Ph.D., 1995.

Lynnette M. Neufeld. The Influence of Smoke from Indoor Cooking Fires on Hemoglobin Concentration in Women from Rural Highland Guatemala. M.S., 1995.

Eva-Charlotte M. Ekström. Iron Supplementation During Pregnancy in Tanzania: Determinants and Hemotologic Consequences of Adherence. Ph.D., 1995.

Caron F. Bove. Sociocultural Environments and "Ways of Knowing" as Breastfeeding Determinants in Socioeconomically Disadvantaged Women. Ph.D., 1996.

Elizabeth J. Adams. Predictors of Benefit from Nutritional Supplementation Among Malnourished Guatemalan Children Up to 36 Months of Age. Ph.D., 1996.

Unhee Lim. Postprandial prolactin secretion in breastfeeding women. M.S., 1997.

Sander Kersten. Role of tetramers of the retinoid X receptor in retinoid signalling. Ph.D., 1997.

Nthabisheng Segoale. Examination of the Insulin-like Growth Factor System with the Onset of Lactation in Dairy Cows. M.S., 1997.

Janet Irene Picado. Understanding Exclusive Breastfeeding from the Perspective of Low-income Mothers from Managua, Nicaragua. Ph.D., 1999.

Lynnette Marie Neufeld. Intrauterine Stunting: The Timing of Linear Growth Faltering During Gestation and Indicators of Risk in the Mother. Ph.D., 2000.

Katherine Alaimo. Consequences of Food Insufficiency for American Children. Ph.D., 2000.

Lisa Studdert. Indonesia's School Feeding Program: Benefits in a Time of Crisis. Ph.D., January 2001.

Robert Waterland. Mechanisms Underlying the Persistent Effects of Divergent Suckling-period Litter Size on the Rat Insulin Axis. Ph.D., 2000.

Emia White Oppenheim. Cellular Iron Status Influences Folate Metabolism. Ph.D., 2001.

Pat Ladipo. Participatory Action Research for Community Food Security: the Roles of Trust, Networks, and Norms of Reciprocity in an Embedded Approach. Ph.D., 2002.

Katherine Lynn Dickin. The Work Context of Community Nutrition Educators: Relevance to Work Attitudes and Program Outcomes. Ph.D., May 2003.

Amy Frith. The Influence of Maternal Nutritional and Support Interventions and Stress on Maternal-Infant Feeding Interactions in Bangladesh. Ph.D., January 2006.

Sera Lewise Young. A Biocultural Study of the Relationship Between Pica and Anemia. Ph.D., January 2008.

Anna W. Herforth. Promotion of Traditional African Vegetables in Kenya and Tanzania: A Case Study of an Intervention Representing Emerging Imperatives in Global Nutrition. Ph.D., May 2010.

Leah Lipsky. The Importance of Gestational Weight Gain and Psychosocial Factors to Postpartum Changes in Maternal Body Weight, and Applications of Prospect Theory to Understanding Women's Conceptualization of Weight Change. Ph.D., May 2010.

Christine Porter. Community-based Childhood Obesity Prevention: Perspectives, Practices and Potential. Ph.D., August 2010.

Rebecca A. Heidcamp. Evaluation of an Infant Feeding Support Strategy Among HIV-Exposed Infants in Rural Haiti. Ph.D., August 2011.

Jessica R. Bliss. Emergency Cash Transfer Programs, Stigma, and Access: Factors in the Prevention and Treatment of Child Acute Malnutrition. Ph.D., August 2014.

Erica L. Phillips. Implementation of Antenatal Care: Global History, Current Challenges and Quality of Care Provision in Haiti. Ph.D., August 2014.

Amanda A. Zongrone. Behavior Change Intervention Research in Infant and Young Child Feeding: Understanding Caregiver Capabilities, Self-efficacy, and the Critical Decisions that Define Infant Feeding Trajectories in Bangladesh. Ph.D., January 2015.

Tara Agrawal. Working Moms Feeding Kids: Social Ecological Influences on Low Income Working Mothers' Child Feeding Practices. Ph.D., August 2016.

Stephanie Martin. Social Support and Adherence to Antenatal Micronutrient Supplements. Ph.D., August 2016.

Elizabeth Fox. Breast Practices: An Exploration of Intra-cultural Variation in Mother's Perceptions about Infant Feeding Recommendations in the Context of HIV. Ph.D., August 2016.

Jennifer Yourkavitch. Regular Breast Milk Pumping in the Early Postpartum Period: Influence on Breast Milk Feeding Duration and Achievement of Intention. University of North Carolina at Chapel Hill, Ph.D. (Epidemiology), August 2017.

INVITED PRESENTATIONS

Workshop on Inborn Errors of Metabolism: "Vitamin B₁₂ and propionate disorders", Eunice Kennedy Shriver Center for Mental Retardation, Inc., Waltham, MA, January 1977.

Primates in Nutritional Research, a workshop sponsored by NIH: "Folic acid needs for breeding and growth of nonhuman primates", Beaverton, OR, October 1978.

University of Wisconsin, Seminar: "Nutritional status and lactational performance", January 1982.

Stanford University, Morrison Population Seminar: "The effects of chronic malnutrition on lactational performance: the evidence from human and animal studies", April 1985.

Columbia University, Epidemiology Colloquium: "Principles in examining associations of maternal nutrition and birthweight", February 1986.

Conference on Prepregnancy Nutrition, held at the University of Maryland and sponsored by the March of Dimes: "Pregpregnancy nutrition and fetal growth (animals)", March 1987.

Mini-symposium: Nutrition of Women, Committee on International Nutrition Programs, National Academy of Sciences, Washington, DC: "Maternal depletion syndrome: Can it be Documented?", June 1987.

Nutritional Surveillance Forum, Annapolis, MD: "Nutritional surveillance: maternal and child issues", April 1988.

Mid-term review: Program on Maternal Nutrition and Health, International Center for Research on Women, Washington, DC: "Maternal depletion syndrome: What is it biologically and what are the implications for modelling its consequences?", January 1989.

SCN 15th Session Symposium on Women and Nutrition, New York, NY: "Technical considerations for data using the prevalence of malnutrition in women", February 1989.

Better Health for Women: Results from the Maternal Health Care Program, International Center for Research on Women, Washington, DC: "Role of compliance with nutritional supplementation during pregnancy: Comparison of data from Guatemala and Indonesia", February 1990.

Hannah Research Institute, Ayr, Scotland: "Malnutrition and lactational performance: Nutritional and physiological studies in the rat", July 1990.

International Society for Research on Human Milk and Lactation, Asilomar, CA: "Nutritional consequences of lactation for the mother: Definition of issues", November 1990.

Clinical Epidemiology Unit, Gadjadara University, Yogyakarta, Indonesia: "Maternal depletion syndrome: Definition of issues", January 1991.

Annual meeting of the Federation of American Societies for Experimental Biology, Atlanta, GA: Panel presentation, "Perspectives on nutrition during lactation", the Newly Released Institute of Medicine Report; April 1991.

Annual meeting of the Society for Nutrition Education, Miami, FL: Panel presentation, "Partnerships for policy development: Food and Nutrition Board reports", July 1991.

Nutrition, Women, and Their Health Symposium, sponsored by the Food and Nutrition Board, National Academy of Sciences, Washington, DC: "Effects of pregnancy and lactation on women's nutritional status and health", December 1991.

Nutrition Conference for Health Professionals, sponsored by the Dairy Council and the Southern Tier Dietetic Association, Binghamton, NY: "Lactation: New nutrition recommendations", September 1992.

Symposium: Biomedical Research in Developing Countries: Current Problems in Malnutrition, Experimental Biology 93, New Orleans, LA: "Malnutrition and reproductive performance", March 1993.

National Workshop for Extension Specialists: Extension in the Nineties: Addressing Critical Issues in Nutrition, Diet and Health, Alexandria, VA: "Update on maternal nutrition", March 1993.

Mohawk Valley Breastfeeding Network: Affordable Health Care in the 90's, Utica, NY: "Nutrition During Lactation", May 1993.

Instituto de Investigacion Nutricional, Lima Peru: "Maternal Depletion Syndrome", February 1994.

Panel Member (Nutrition), Maternal and Child Health Bureau, DHHS, 4th National Title V Maternal and Child Health Research Priorities Conference, Columbia, MD, June 1994.

Working Group, Breastfeeding: Science and Society, Pontifical Academy of Sciences, Vatican City: "Effect of breastfeeding on maternal health and well-being", May 1995.

Consultation on Safe Dosages of Vitamin A During Pregnancy and the First Six Months Postpartum, World Health Organization, Geneva, Switzerland: "Background review: Summary", June 1996.

IDECG/IUNS Workshop on Causes and Consequences of Intrauterine Growth Retardation, Baton Rouge, LA: Commentary on "Fetal growth and adult disease", November 11-15, 1996.

Reactor, Maternal and Child Health Bureau, DHHS, Research Roundtable, "Body Composition in Pregnant Women", Washington DC, December 1996.

Symposium on Maternal Body Composition, Calorie Restriction and Exercise During Lactation, Experimental Biology '97, New Orleans, LA: "Effects of Under- and Overnutrition on Lactation: Data from Animal Models", April 1997.

Academy for Educational Development, LINKAGES, Maternal Nutrition Roundtable, "Maternal Supplementation: Overview of Energy Balance Issues", Washington, DC, April 1997.

Symposium. The Effectiveness of Prenatal Care: New Evidence, Harvard School of Public Health, Boston, MA: "New Paradigms", "Causes of Intrauterine Growth Retardation", June 1997.

Symposium. The Path to Maternal and Child Health: The PVO Role in Improving Iron and Vitamin A Status, Washington, DC: "Vitamin A Supplementation in Lactating Women - Biology & Benefits", May 1998.

Symposium. Folic Acid Seminar, Canandaigua, NY: "Folic Acid - The Vitamin that Helps Prevent Birth Defects", May 1998.

Central New York Breastfeeding Connection: Breastfeeding in our Culture, Syracuse, NY: "Effect of Maternal Nutrition on Lactation Performance", September 1998.

National Nutrition Summit, Washington, DC: "What are the Consequences for Maternal Health and Nutritional Status of Achieving Public Health Goals to Extend the Duration of Breastfeeding?", May 2000.

Iron Deficiency Anemia: Reexamining the Nature and Magnitude of the Public Health Problem, Belmont, MD: "Is there a causal relationship between iron-deficiency anemia or anemia and weight at birth, length of gestation and prenatal mortality?", May 2000.

Academy of Breastfeeding Medicine, Tucson, AZ: "Obesity as a risk factor for failure to initiate and sustain lactation", September 2000.

International Society for Research on Human Milk and Lactation, Tucson, AZ: "Obesity as a risk factor for failure to initiate and sustain lactation", September 2000.

Department of Clinical Nutrition, Institute of Internal Medicine, Göteborg University, Göteborg, Sweden: "Obesity as a risk factor for failure to initiate and sustain lactation", October 2000.

Institute of Preventive Medicine, University of Copenhagen, Copenhagen, Denmark: "Obesity and lactation failure: Does the relationship hold in a land of low obesity and high smoking rates where everyone breastfeeds?", November 2000.

Unit for Epidemiologic Diet Research, Center of Preventive Medicine, Glostrup University Hospital, Glostrup, Denmark: "Obesity as a risk factor for failure to initiate and sustain lactation", November 2000.

Institute of Child Health, London, UK: "Obesity as a risk factor for failure to initiate and sustain lactation", November 2000.

Department of Public Health and Clinical Medicine, Umeå University, Umeå, Sweden: "Obesity as a risk factor for failure to initiate and sustain lactation", November 2000.

Research Department of Human Nutrition, Royal Veterinary and Agricultural University, Copenhagen, Denmark: "Obesity as a risk factor for failure to initiate and sustain lactation", December 2000.

First World Congress on Fetal Origins of Adult Disease, Mumbai, India: "Association between maternal nutritional status during pregnancy and size at birth", February 2001.

Symposium, Experimental Biology, Orlando, FL: Human Lactogenesis II: Mechanisms, Determinants and Consequences, "Obesity May Impair Lactogenesis II", April 2001.

Invited presentation, National Nutrition Summit, Washington, DC: "What are the consequences for maternal health and nutritional status of achieving public health goals to extend the duration of breastfeeding?", May 2001.

Medical Grand Rounds, Bassett Hospital, Cooperstown, NY: "Consequences of pre-pregnant obesity for breastfeeding and child growth: results of a Cornell-Bassett collaboration", January 2002.

International Centre For Diarrhoeal Disease Research, Centre for Health and Population Research, Dhaka, Bangladesh: "The Barker Hypothesis: challenges and opportunities in maternal and child health", March 2002.

Rank Prize Funds Mini Symposium on Determinants and Implications of Breastfeeding Success, Grasmer, England: "Overweight and obesity before pregnancy and lactational performance", December 2002.

Institute of Preventive Medicine, University of Copenhagen, Copenhagen, Denmark: "Overweight and obesity before pregnancy and lactational performance among American and Danish women", December 2002.

G. Malcolm Trout Visiting Scholar, Michigan State University, East Lansing, MI: "Informing the Initiative on Food, Nutrition and Health: Visions for the Future and Lessons from Experience", February 2005.

Invited presentation, Pediatric Academic Societies, "Does maternal obesity impede lactation: Evidence and clinical implications". Washington, DC, May 2005.

National Maternal Nutrition Intensive Course, Minneapolis, MN: "Fetal origins hypothesis" and "Maternal nutritional status and breastfeeding", July 2005.

Breastfeeding Grand Rounds, New York State Department of Health, Albany, NY: "Overweight and obesity before pregnancy and lactation performance", August 2005.

Department of Nutrition, Harvard School of Public Health, Boston, MA: "Does maternal obesity impede lactation? Evidence and clinical implications", May 2006.

Workshop on the Impact of Pregnancy Weight Gain on Maternal and Child Health, Institute of Medicine, Washington, DC: "Gestational Weight Gain: Short-term Maternal Health Outcomes", May 2006.

Danish Obesity Society Annual Meeting 2006, Copenhagen, Denmark: "Overweight and obesity before pregnancy and lactational performance", November 2006.

Inaugural meeting, Network for Diet, Nutrition and Health, Department of Food, Health and the Environment, Göteborg University, Göteborg, Sweden: "The future of nutrition and nutrition education", November 2006.

Institute of Preventive Medicine, University of Copenhagen, Copenhagen, Denmark: "High prepregnant body mass index and lactational performance", November 2006.

Inaugural meeting, Danish International Board-Certified Lactation Consultants, Copenhagen, Denmark: "Overweight and obesity before pregnancy and lactational performance", November 2006.

Julefrokost, Department of Human Nutrition, Royal Veterinary and Agricultural University, Frederiksberg, Denmark: "Building a bigger football player: the American way of feeding infants and toddlers", December 2006.

Invited seminar, Department of Human Nutrition, Royal Veterinary and Agricultural University, Frederiksberg, Denmark: "The future of nutrition and its implication for graduate education in nutrition", December 2006.

Public Health Nutrition Seminar Series, Sahlgrenska Academy, Göteborg University, Göteborg, Sweden: "Does maternal nutrition impede lactation? Evidence and clinical implications", December 2006.

National Maternal Nutrition Intensive Course, Minneapolis, MN: "Weight and pregnancy: New findings from an IOM workshop" and "Does maternal nutrition impede lactation? Evidence and clinical implications", July 2007.

Food and Nutrition Conference and Expo (Annual meeting, American Dietetics Association), Philadelphia, PA: "Maternal obesity and weight gain during pregnancy: Association with the success of breastfeeding and postpartum weight retention", September 2007.

Challenges in Lactation Management 2007, National Breastfeeding Center, Copenhagen, Denmark: "Does maternal nutrition impede lactation? Evidence and clinical implications", October 2007.

Life Sciences Research Office, Bethesda, MD: "The biology of human milk", November 2007.

Ruth Rosevear Lecture, Department of Nutrition, University of Cincinnati, Cincinnati, OH: "Maternal obesity and weight gain during pregnancy: Associations with the success of breastfeeding and postpartum weight retention", October 2008.

Department of Kinesiology, Pennsylvania State University, State College, PA: "Maternal obesity and the success of breastfeeding", November 2008.

History of Nutrition Symposium, Experimental Biology, New Orleans, LA: "Supplementation of the mothers: Partitioning the benefit between mother and newborn", April 2009.

Plenary lecture, Swedish Royal College of Obstetricians and Gynecologists, Norrköping, Sweden: "Weight gain during pregnancy: reexamining the guidelines", August 2009.

Invited presentation, Swedish Royal College of Obstetricians and Gynecologists, Norrköping, Sweden: "The road from the 1990 to the 2009 guidelines for weight gain during pregnancy", August 2009.

Panel discussion, lead presentation: "Weight gain during pregnancy: Reexamining the guidelines", American Public Health Association annual meeting, Philadelphia, PA, November 2009.

Clinical Research Forum, Division of Neonatology, Department of Pediatrics, Cincinnati Children's Hospital, Cincinnati, OH: "Interventions to increase the duration of breastfeeding in obese women: The Bassett Improving Breastfeeding Study (BIBS)", January 2010.

Webinar, New York State WIC Program: "The 2009 IOM/NRC guidelines for weight gain during pregnancy", May 2010.

Invited presentation, New York Lactation Consultants, New York, NY: "Obesity and breastfeeding: Challenges for mothers and for public health," May 2010.

Panel discussion, Academic Mid-Career Nutrition Leadership Institute, Dannon Institute, Geneva, IL: "Nutrition societies and their role in defining nutrition and its relationship with higher education", June 2010.

National Maternal Nutrition Intensive Course, Minneapolis, MN: "Weight gain guidelines and obesity", July 2010.

Seminar, Department of Clinical Nutrition, Sahlgrenska Institute, Gothenburg, Sweden: "Weight gain during pregnancy: reexamining the guidelines", November 2010.

Invited presentation, UNICEF/Cornell NutritionWorks: "Breastfeeding basics", December 2010 (for UNICEF staff).

Invited presentation, The Best Beginnings, 14th annual conference, Women & Infants Hospital, Providence, RI: "Obesity and breastfeeding: Challenges for mothers and health care professionals", March 2011.

Invited presentation, Fall Update for Nutrition Education Managers, Food and Nutrition Education in Communities, Cornell University, Ithaca, NY: "Weight gain recommendations", November 2011.

Panel discussion, American Society for Nutrition, "A nurturing environment produces future legends: Development of career through successful mentor-mentee relationships Experimental Biology '12, San Diego, CA: "Developing your career through successful mentoring: a woman's perspective," April 2012.

Invited presentation, New Thoughts About Causes, Prevention and Treatment of Childhood Obesity, Binghamton, NY: Research Conference: "Breastfeeding and obesity: examining the pathways from mother to child", April 2012.

Agnes Higgins Award Lecture, American Public Health Association, San Francisco, CA: "Maternal nutrition and the outcomes of pregnancy, success of lactation and infant growth: We've come a long way, with new challenges ahead", October 2012.

Symposium, "The B-24 Project: Evaluating the evidence to support the inclusion of infants and children up to 24 months of age in the Dietary Guidelines for Americans," American Society for Nutrition: "Evidence and research gaps on caregiver factors influencing nutrient needs, dietary quality and food habits," Experimental Biology '13, Boston MA, April 2013.

Invited seminar, University of Illinois at Urbana-Champaign: "Obesity and breastfeeding: consequences for the mother and child," October 2013.

Invited presentation, Roundtable on Health Communications: "The concept of the first 1000 days," Danone-Nutricia Early Life Nutrition, New York, NY, July 2014.

Invited seminar, Pennsylvania State University, State College, PA: “Gestational weight gain guidelines: new directions, new controversies and recent results,” September 2014.

Invited presentation, 17th meeting of the International Society for Research on Human Milk and Lactation, Kiawah Island, SC: “Maternal over-fatness and lactation outcome: from animal models to population-level studies,” October 2014.

Symposium, “FNB Update: New Directions in Food, Nutrition, and Population Health,” American Society for Nutrition: “White potatoes and WIC—controversies and consequences,” Experimental Biology ‘15, Boston MA, March 2015.

Macy-György Award Lecture, 18th meeting of the International Society for Research on Human Milk and Lactation, Stellenbosch, South Africa: “Women and their milk: Studies of overnutrition, undernutrition and milk expression,” March 2016.

Invited presentation, Committee to Review the Process to Update the Dietary Guidelines for Americans, Food and Nutrition Board, National Academies: “At what point is not meeting the recommendations for consumption of a food group a problem at the population level? Experience with redesigning the WIC food packages,” January 2017.

General Session, National WIC Association Education and Training Conference, Philadelphia, PA: “Review of WIC Food Packages: Improving Balance and Choice,” with Shannon E. Whaley, April 2017

Symposium, “FNB Update,” American Society for Nutrition: “Review of WIC Food Packages: Improving Balance and Choice: Final Report,” Experimental Biology ‘17, Chicago, IL, April 2017.

Grand Rounds, Cayuga Medical Center: “Review of WIC Food Packages: Improving Balance and Choice,” Ithaca, NY, June 2017.

Webinar, “Breastfeeding and WIC Update”, Society for Nutrition Education and Behavior: “New Opportunities for Breastfeeding Promotion: Review of WIC Food Packages, Improving Balance and Choice,” July 2017 (277 participants).

Webinar, “Review of WIC Food Packages: Improving Balance and Choice”, National Academies of Science, Engineering and Medicine, July 2017 (500 participants).

Panel presentation, “The WIC Food Packages: Improving Balance and Choice”, 2017 FNCE, Chicago, IL, October 2017.

Workshop, “Human Milk Composition: Biological, Environmental, Nutritional, and Methodological Considerations”, National Institutes of Health (NIDDK): “Factors That Influence Milk Composition: Maternal Diet”, Bethesda, MD, November 2017.

Invited webinar, ISRHML Trainee Interest Group, Trainee Mentorship Series: “Maternal Overfatness and lactation: the Arc of a Scientific Problem,” December 2017.

Panel discussion, "Discussing Research Findings with Policy Makers", Provost's Office for Faculty Development and Diversity, Cornell University, March 2018.

Panel discussion, "Industry Funding and Ethics." Annual meeting of the Association of the Association of Nutrition Departments and Program, Cornell University, October 2018.

PROFESSIONAL DEVELOPMENT

Maternal Nutrition: An Intensive Two-Week Course for Health Professionals, University of North Carolina, Chapel Hill, NC, June 1983. Participation funded by the March of Dimes.

Covey Leadership Center: The Seven Habits of Highly Effective People, Cornell University, November 1993.

Certificate of Continuing Education: How to Manage Conflict and Maintain Emotional Control for Women, Ithaca, NY, June 1994.

The Women's Leadership Program, Center for Creative Leadership, LaJolla, CA, March 1999.

Cornell Women's Leadership Development Program (Center for Creative Leadership), Ithaca, NY, May 2008.

CONSULTING

RAND Corporation (Dr. Julie DaVanzo): "Changing Influences on Infant and Child Mortality", June 1986.

World Health Organization:

"Nutrition of Women". Background paper for the SCN 15th Session Symposium on Women and Nutrition, July 1987.

"Consultation on Safe Dosages of Vitamin A During Pregnancy and the First Six Months Post-Partum", Geneva, Switzerland, June 1996.

Technical Consultation on Vitamin A, Geneva, Switzerland, March 2000.

Guideline Development Group Meeting, WHO Recommendations on Antenatal Care Focusing on Nutrition in Pregnancy, Geneva, Switzerland, October 2015.

Academy of Educational Development, Background paper on maternal nutrition for LINKAGES, 1997.

Dannon Institute: Member, Scientific Council, 2002-06.

Abt Consultants (contract with USDA): Design of program to promote breastfeeding in the WIC Program and the evaluation of such an intervention, 2003.

SERVICE ACTIVITIES

Service on Expert Committees

Member, Committee on Nutritional Status During Pregnancy and Lactation, Food and Nutrition Board, Institute of Medicine, National Academy of Sciences, January 1988 - December 1992.

Member, Committee on Nutritional Status During Pregnancy and Lactation, Subcommittee on Nutrition During Lactation, Food and Nutrition Board, Institute of Medicine, National Academy of Sciences, January 1988 - December 1992.

Member, Committee on Scientific Evaluation of WIC Nutrition Risk Criteria, Food and Nutrition Board, Institute of Medicine, National Academy of Sciences, November 1993 - April 1996.

Member, Committee on the Impact of Pregnancy Weight on Maternal and Child Health, Food and Nutrition Board, Institute of Medicine, National Academy of Sciences, December 2005 - November 2006.

Chair, Committee to Reexamine IOM Pregnancy Weight Guidelines, Food and Nutrition Board/Board on Children, Youth, and Families, Institute of Medicine/National Research Council, National Academies, November 2007 - December 2009.

Chair, Committee on Dissemination of Pregnancy Weight Gain Guidelines, Food and Nutrition Board/Board on Children, Youth, and Families, Institute of Medicine/National Research Council, National Academies, March 2011 - September 2013.

Member, Guideline Development Group, WHO Recommendations on Antenatal Care focusing on nutrition in pregnancy, 2016-17.

Chair, Committee on the Review of WIC Food Packages, Food and Nutrition Board, Institute of Medicine, National Academies, August 2014 - March 2017.

Membership in Professional Organizations

American Society for Nutrition (elected member)

American Society for Clinical Nutrition (elected member)

American Public Health Association

International Society for Research in Human Milk and Lactation (**founding member**)

British Nutrition Society (elected member)

Society for International Nutrition Research (founding member)

Sigma Xi

Participation in Professional Organizations

International Society for Research in Human Milk and Lactation

Member, Nominating Committee, 1987-1988

Member, Executive Committee, 1991-1994

Co-organizer, 1995 International Conference, Tlaxcala, Mexico

Co-chair, "Breastfeeding policy and interventions", 1995 International Conference, Tlaxcala, Mexico
President-Elect/**President**/Past-President, 2000-2006

American Institute of Nutrition/American Society for Nutritional Sciences/American Society for Nutrition

Member, Bio-Serv Award Jury, 1990, 1993-94

Member, AIN/ASCN Membership Committee, 1991-95, 1997-1999;

Chair, 1994-95 and 1997-98

Co-chair Symposium: Biomedical Research in Developing Countries: Current Problems in Malnutrition, with DR Richardson. Experimental Biology '93 meeting, New Orleans, LA, March 1993. (Co-sponsored by APS International Committee and AIN)

Secretary, 1999-2002

Congressional testimony on behalf of the American Society for Nutritional Sciences on the NIH budget before the House Committee on Labor, April 2000

President-Elect/**President**/Past-President, 2003-2006

Member, ASN Strategic Oversight Committee, 2016-19.

Invited participant, ASN Vision 2028 Summit, Washington, DC, 2017

Society for International Nutrition Research

Secretary/Treasurer, 1996-2000

Government service

Ad hoc reviewer for:

National Science Foundation: Anthropology Program; NSF Graduate Fellowship Applications, Washington, DC, February 1997.

National Academy of Sciences: BOSTID Program; Subcommittee on Maternal and Infant Nutrition in Developing Countries, Committee on International Nutrition Programs; Committee to Review the WIC Food Packages, Institute of Medicine, 2004

USDA: Nutrition Requirements Program, Competitive Research Grants Office, 1991-93, 1996, 1998, 1999, 2004

DHHS: Maternal and Child Health Bureau, 1993, 1995; Maternal and Child Health Research Committee, DHHS, 1995; HRSA, "Innovative Approaches to Promoting a Healthy Weight in Women," 2004

National Institutes of Health: MARC Program Site visitor, Oakwood College, Huntsville, AL, May 1985; 2008, 2010; NIH (NIDDK) Special Emphasis Panel [ZDK1 GRB-N (01)], Obesity and Pregnancy, July 2011; NIH (NIDDK) Special Emphasis Panel [ZHD1 DRG-D (55) S], *Trans-NICHD T32 Review Pilot*, October 2011; Special Emphasis Panel [ZHD1 DSR-Y (90)] NICHD Training Grant Award Applications Review Meeting, November/December 2017

Program Reviewer: Children's Nutrition Research Center, Houston, TX, June 1993.

Peer reviewer: Outcomes of Maternal Weight Gain, AHRQ Evidence Report/Technology Assessment, Number 168, May 2008.

Co-chair, Working Group 4 (Caregiver (maternal, other) factors influencing nutrient needs, dietary quality and food habits of infants and children), for "Evaluating the diet-related scientific literature of infants and children from birth to 2 years,"2013-13.

Member, Data Safety and Monitoring Board: "Healthy Mom Zone" (NIH 1 R01 HL119245 to Danielle Downs), Pennsylvania State University, 2014 - present.

Member, Pregnancy Working Group, USDA/HHS Foundational Review Project on Diet and Health for Pregnancy and Birth to 24 Months, 2016-17.

Member, Human Milk Database Project, USDA/HHS, 2017-present.

Editorial Responsibilities

Member, Editorial Board, *Annual Review of Nutrition*, 2005-2009

Ad hoc reviewer for:

Advances in Nutrition, American Journal of Clinical Nutrition, American Journal of Obstetrics and Gynecology, American Journal of Primatology, American Journal of Public Health, Annual Review of Nutrition, Archives of Pediatrics and Adolescent Medicine, Australia New Zealand Journal of Obstetrics and Gynecology, Breastfeeding Medicine, British Journal of Nutrition, British Journal of Obstetrics and Gynecology, Cornell Food and Nutrition Policy Program Monograph Series, Development Psychobiology, Epidemiology Reviews, European Journal of Clinical Nutrition, Federation Proceedings, Food and Foodways, International Journal of Epidemiology, International Journal of Obesity, International Journal of Pediatric Obesity, Journal of Animal Science, Journal of Epidemiology and Community Health, Journal of Health, Population and Nutrition. Journal of Human Lactation, Journal of Nutrition, Journal of Pediatric Gastroenterology and Nutrition, Journal of the American College of Nutrition, Journal of the American Dietetics Association, Journal of Women's Health, Maternal and Child Health, Maternal and Child Nutrition, Lancet, Obesity, Obstetrics and Gynecology, Paediatric and Perinatal Epidemiology, Pediatrics, Pediatric Obesity, Pharmacology Biochemistry and Behavior, Physiology and Behavior, Preventive Medicine, Proceedings of the National Academy of Sciences, Social Science and Medicine, Women's Health Issues

Miscellaneous

External examiner, Ph.D. defense of Nazma Kabir, Karolinska Institute, Stockholm, Sweden, December 1992.

External examiner, Ph.D. defense of Amina Khambali, University of Toronto, Toronto, Canada, February 2009.

External examiner, Ph.D. defense of Camilla Schou Andersen, University of Copenhagen, Copenhagen, Denmark, May 2012.

External reviewer, Ph.D. dissertation of Zoya Gridneva, University of Western Australia, Perth, Australia, April 2017.

Member, Data and Safety Monitoring Board, "Healthy Mom Zone" (NIH 1 01 HL119245), Pennsylvania State University, State College, PA, September 2014-present.

External examiner, Admission to Candidacy Exam of Jennifer Yourkavitch, Department of Epidemiology, University of North Carolina, Chapel Hill, NC, December 2016.

External examiner, Evaluation of PhD thesis of Zoya Gridneva, School of Molecular Science, University of Western Australia, Perth, Australia, May 2017.

External examiner, Dissertation Defense of Jennifer Yourkavitch, Department of Epidemiology, University of North Carolina, Chapel Hill, NC, July 2017.

University Service

University:

Member, Cornell Institutional Animal Care and Use Committee, 1987-1989; Chair, 1988-1989.

Member, Middle States Association Accreditation: Subcommittee on Interaction of the Endowed and Statutory Colleges, Cornell, 1990.

Member, Academic Leadership Series, Cornell University, 1994-1997.

Elected member, Nominations and Elections Committee of the University Faculty, 1996-97.

Member (elected, representing the College of Human Ecology), Faculty Advisory Committee on Tenure and Appointments, University Faculty Senate, 2002-04.

Member, Ad Hoc Committee on External Funding in the Social Sciences, Office of the Provost, 2005-2006.

Member, University Appeals Panel, 2008-10.

Member, Middle States Accreditation Steering Committee, Office of the Provost, 2009-2011.

Chair, Working Group on Institutional Stewardship, Middle States Accreditation Steering Committee, Office of the Provost, 2009-2011.

Member, Financial Conflict of Interest Committee, 2011-2013.

Organizer and keynote speaker, 2nd Symposium on Responsible Conduct of Research, Fall 2013.

Member, *Ad hoc* committee to advise the Provost and President on the use of non-human primates in research, 2016.

Member (Presidential appointment), University Appeals Panel, 2017-22.

Colleges:

Member, Excellence in Problem-Solving Research Group, Strategic Planning Retreat, NYS College of Human Ecology, June 1993.

Elected member, Committee on Academic Status, NYS College of Human Ecology, July 1993 - January 1995; chair January 1995 - June 1996.

Member, Food and Nutrition Planning Council, College of Agriculture & Life Sciences, May 1995 - present.

Member, Administrative Process Task Team, College of Human Ecology, June 1995 - January 1996.

Member, Executive Committee for Undergraduate Review, College of Agriculture & Life Sciences, 1996-97.

Ad hoc Committee, Tenure review, College of Veterinary Medicine, 1998.

Chair, Ad hoc Committee, Tenure review, College of Human Ecology, 2001, 2003, 2014.

Member, Ad hoc Committee, Tenure review, College of Agriculture and Life Sciences, 2007, 2009.

Member, Conflicts Committee, College of Human Ecology, 2008-10.

Division of Nutritional Sciences/Field of Nutrition:

Member, Advisory Committee for the Cornell Nutritional Surveillance Program, 1982-85, 1987-present.

Member, Animal Care Committee, Division of Nutritional Sciences, 1982-85; 1990-?.

Member, Honors Committee, Division of Nutritional Sciences, 1983-86.

Member, Research Committee, Division of Nutritional Sciences, 1985-present; Chair, 1987-88.

Member, Search Committee for Director, Cornell Nutritional Surveillance Program, spring 1986.

Chair, Human Nutrition/Mass Spectroscopy Search Committee, Division of Nutritional Sciences, 1989.

Member, Resources Committee, Division of Nutritional Sciences, 1991.

Member, Dietetics Committee, Division of Nutritional Sciences, 1991.

Chair, Nutritional Biochemistry Search Committee, Division of Nutritional Sciences, 1991-92.

Chair, Nutritional Biochemistry Search Committee, Division of Nutritional Sciences, 1993.

Elected member, Faculty Senate representing Nutrition, January 1996 - June 1997.

Member, Tenure and Appointments Committee, 1997-2000.

Chair, Strategic Planning Committee, Division of Nutritional Sciences, 1999-2000.

Member, Admissions Committee, Field of Nutrition, 2001-03.

Chair, Dietetics Search Committee, Division of Nutritional Sciences, 2002-03.

Chair, Human Metabolic Nutrition Search Committee, Division of Nutritional Sciences, 2004.

Member, Curriculum Committee, Field of Nutrition, 2004-07.

Member, Planning Committee, Division of Nutritional Sciences, 2006.

Member, Admissions Committee, Field of Nutrition, 2007-09.

Member, Tenure and Appointments Committee, Division of Nutritional Sciences, 2007-10, 2017-present.

Member, Global Health Advisory Board, Division of Nutritional Sciences, 2007-13.

Chair, Strategic Planning Committee, Division of Nutritional Sciences, 2011.

Chair, Awards Committee, Division of Nutritional Sciences, 2015-17.

PUBLICATIONS

Note: A complete list of my peer-reviewed publications can be found at:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/kathleen.rasmussen.1/bibliography/47860901/public/?sort=date&direction=ascending>.

Thesis

Rasmussen KM. Studies of Folic Acid Nutrition in Primates. Doctor of Science Thesis, Harvard School of Public Health, Boston, MA, 1978.

Articles in Peer-Reviewed Journals

Rasmussen KM, Thenen SW. Projects developed for college-level nutrition course. *J Nutr Educ* 1975;7:160-1.

Thenen SW, Rasmussen KM. Megaloblastic erythropoiesis and tissue depletion of folic acid in the cat. *Am J Vet Res* 1978;39:1205-07.

Rasmussen KM, Barsa PM, McCormick DB. Pyridoxamine (pyridoxine) 5'-phosphate oxidase activity in rat tissues during development of riboflavin or pyridoxine deficiency. *Proc Soc Exp Biol Med* 1979; 161:527-30.

Rasmussen KM, Thenen SW, Hayes KC. Folic acid deficiency and requirement in the squirrel monkey (*Saimiri sciureus*). *Am J Clin Nutr* 1979;32:2508-18.

Rasmussen KM, Ausman LM, Hayes KC. Vital statistics from a laboratory breeding colony of squirrel monkeys (*Saimiri sciureus*). *Lab Anim Sci* 1980;30:99-106.

Rasmussen KM, Thenen SW, Hayes KC. Effects of folic acid supplementation on pregnancy in the squirrel monkey (*Saimiri sciureus*). *J Med Primatol* 1980;9:169-84.

Rasmussen KM, Barsa PM, McCormick DB, Roe DA. Effect of strain, sex, and dietary riboflavin on pyridoxamine (pyridoxine) 5'-phosphate oxidase activity in rat tissues. *J Nutr* 1980;110:1940-46.

Ausman LM, Rasmussen KM, Gallina DL. Spontaneous obesity in maturing squirrel monkeys fed semipurified diets. *Am J Physiol* 1981;241:R316-21.

Rasmussen KM, Hayes KC, Thenen SW. Megaloblastic anemia and the requirement for folic acid in the cebus monkey (*Cebus albifrons*). *Am J Primatol* 1982;2:87-97.

Rasmussen KM, Warman NL. Effect of maternal malnutrition during the reproductive cycle on growth and nutritional status of suckling rat pups. *Am J Clin Nutr* 1983;38:77-83.

Warman NL, Rasmussen KM. Effects of malnutrition during the reproductive cycle on nutritional status and lactational performance of rat dams. *Nutr Res* 1983;3:527-45.

Fellows WD, Rasmussen KM. Comparison of methods for obtaining milk samples from well-nourished and malnourished rats. *Physiol Behav* 1984;33:761-3.

Young CM, Rasmussen KM. Effects of varying degrees of chronic dietary restriction in rat dams on reproductive and lactational performance and body composition in dams and their pups. *Am J Clin Nutr* 1985;41:979-87.

Sakanashi TM, Brigham HE, Rasmussen KM. Effect of dietary restriction during lactation on cardiac output, organ blood flow and organ weights of rats. *J Nutr* 1987;117:1469-74.

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Rasmussen KM, Fischbeck KL. Effect of repeated reproductive cycles on pregnancy outcome in ad libitum-fed and chronically food-restricted rats. *J Nutr* 1987;117:1959-66.

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Alexander MH, Lazan KS, Rasmussen KM. Effect of chronic protein-energy malnutrition on fecundability, fecundity and fertility in rats. *J Nutr* 1988;118:883-7.

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Leslie J, Pelto GH, Rasmussen KM. Nutrition of women in developing countries. (Summary of a minisymposium.) *Food Nutr Bull* 1988;10:4-7.

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population of white women. *Am J Clin Nutr* 1997;66:1371-8.

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Program: predictors of improvement in hemoglobin concentration among toddlers enrolled in the Massachusetts WIC Program. *J Am Dietet Assoc.* 2005;105:709-715.

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Hilson JA, Rasmussen KM, Kjolhede CL. Excessive weight gain during pregnancy is associated with earlier termination of breastfeeding among white women. *J Nutr* 2006;136:140-146.

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