

Name (First, last, PhD/MD)	Faculty Mentor	Training Period	Research project	
Xin Zhou, PhD	Waterland	2009-2010	Comparison of Mapping algorithms for bisulfite-seq	
Amy B Hair, MD	Abrams	2010-2012	Quality improvement project in neo ICU	
Catherine Kandianis, PhD	Grusak	2010-2013	Genetic regulation of iron and zinc accumulation and bioavailability in rice grain	I E
Junfeng Tong, PhD	Hadsell	2010-2010	Obesity and lactation	Po Un
Daniel Hsia, MD	Haymond / Sunehag	2010-2012	Glucose Metab in Adolescent Patients Before and After Bariatric Surgery	
Justin Foster, PhD	Nakata	2010-2012	Elucidation of the pathway of oxalate catabolism	
Reina Engle-Stone, PhD	Abrams	2011-2013	Iron status and absorption of lacto-ovo-vegetarian child-	
Kenneth Ng, DO	Burrin	2011-2013	Vit E in parenteral lipid emulsions and pediatric liver disease	
Claire Boutry, PhD	Davis	2011-2013	Leucine supplementation during continuous feed	
Scott Wheatley, MD	Davis	2011-2013	Impact of parenteral HMB on protein synthesis	
Xiao-Quin Fang, MD, PhD	Fu	2011-2012	Direct control of ATM activation by peripheral clock	Y U
Christina Garcia, PhD	Grusak	2011-2015	Effect of source leaf processes on seed iron concentration in Medicago truncatula	F S
Stephanie Chung, MD	Haymond	2011-2014	Glucose Production and Gluconeogenesis in Children with Type 2 Diabetes	A T
Jian Yang, PhD	Hirschi, Kendal	2011-2015	Plant cation proton exchangers	
Leslie A Frankel, PhD	Hughes	2011-2013	Parent feeding behavior and child obesity outcomes with an emphasis on how parents impact children's ability to self-regulate eating behavior	Sc
Danny Rafati, MD, PhD	Shulman	2011-2013	GI permeability in family members of children with IBS	
Sohye Kim, PhD	Strathearn	2011-2013	Developmental neuroscience, attachment and psychopathology	
Keila Lopez, MD	Thompson	2011-2013	Developmt intervention, health disparities related to CHD in Latino youth	
Liangru Zhu, MD, PhD	Xu, Yong	2011-2012	PI3K in POMC neurons regulates feeding and glucose balance	
Cassandra Diep, PhD	Baranowski	2012-2015	Acculturation and diet-related disease prevention among children	Re An
Jessica Donnelly, PhD	Burrin	2012-2013	Metabolic and microbiome determinants of NEC	
Julia Steinhoff-Wagner, PhD	Davis	2012-2013	Regulation of protein synthesis by leucine	

Marta Lima, PhD	Grusak	2012-2014	Metabolomic analyses of shoot and root responses of plants to iron deficiency
Xuehong Cao, PhD	Xu, Yong	2012-2013	Estrogen activates serotonin neurons to inhibit binge eating
Hongfang Ding, MD, PhD	Xu, Yong	2012-2013	5-HT2CRs regulate POMC expression
Kenji Saito, PhD	Xu, Yong	2012-2014	Central regulation of energy homeostasis by estrogen
Name (First, last, PhD/MD)	Faculty Mentor	Training Period	Research project
Daniel Columbus, PhD	Davis	2013-2015	Leucine supplement during protein restriction to promote protein anabolism
Adriana Hernandez-Garcia, MD	Davis	2013-2015	Modulation of protein synthesis by leucine during sepsis
Michelle Kao, MD	Davis	2013-2015	Enteral HMB supplementation to promote protein deposition
David Ferguson, PhD	Fiorotto	2013-2015	Early life nutrition programs cardiovascular function and adult exercise capacity
Kentaro Kaneko, PhD	Fukuda	2013-2017	Epac-Rap1 signaling contributes to leptin resistance
Lisa Farmer, PhD	Hirschi, Kendal	2013-2015	Dietary Small RNAs can cause regulatory changes in the consumer
Scherezade K Mama, PhD	Thompson	2013-2015	Social support, psychosocial factors, physical activity and obesity among African Americans
Magdalena Maj, PhD	Tong	2013-2014	Metabolic regulation in obesity, diabetes and
Chunling Yan, MD, PhD	Xu, Yong	2013-2014	ApoA-IV inhibits AgRP neurons to regulate feeding
Yan Xia, PhD	Xu, Yong	2013-2014	Neuronal and hormonal reg of blood pressure, early developmental stages
Sara Klinepeter-Bartz, MD	Bacha	2014-2016	Vit D and endothelial function
Anca Tomsa, MD	Bacha	2014-2016	Osteopontin and endothelial dysfunction in NAFLD
Kajal Gandhi, DO	Baranowski	2014-2016	Acculturation and type 1 diabetes management
Rodrigo Manjarin, DVM, PhD	Davis	2014-2016	Impact of energy and protein on response to leucine supplementation
Dulce Maria Jimenez-Aguilar, PhD	Grusak	2014-2016	Phytonutrient composition of vegetables and bioaccessibility of plant nutrients for humans
Umang Agarwal, PhD	Marini	2014-2016	Therapeutic and Metabolic Responses of Citrulline vs. Arginine Supplementation
Alicia Gonzales-Quiroz, PhD	Thompson	2014-2014	The enhancement of qualitative methods for nutrition assessment and intervention
Alejandra De Angulo Soriano, PhD	Tong	2014-2016	The function of PU.1 Transcription factor in adipose tissue

Tihomira Petkova, OD, PhD	Waterland	2014-2015	Age-related epigenetic drift in the endocrine pancreas
Wenwen Cheng, PhD	Wu	2014-2016	NMDA receptors (NMDARs) in the function of AgRP neurons
Fan-Tao Meng, PhD	Wu	2014-2015	Deciphering a neuronal circuit of AgRP neurons in regulation Anxiety-like behavior in mice
Likai Yu , MD, PhD	Xu, Yong	2014-2015	SRC-1 in the VMH and body weight balance
Bryan Tackett, PhD	Burrin	2015-2016	Parenteral phytosterols and pediatric liver disease
Jason Robinson, PhD	Burrin / Marini	2015-2017	Early Feeding Practices, Growth and Health
Surya Narayan Mulukutla, MD	Jahoor	2015-2017	Diabetes and metabolism of arginine/ citrulline/ nitric oxide
Rebecca Welch, DVM	Burrin	2016-2016	Novel whey protein availability in neonatal piglets
Chunmei Wang, PhD	Xu, Yong	2013-2017	AgRP-originated circuits encode learning and memory associated with food cues
Pingwen Xu, Ph.D.	Xu, Yong	2011-2018	Tap3 contributes to sexual dimorphism in POMC neuron functions and energy homeostasis
Thaddaeus May, MD	Jahoor	2015-2018	Kwashiorkor malnutrition
Jane Naberhuis, Ph.D.	Davis	2015-2018	Impact of preterm birth on anabolic response of muscle to feeding in a piglet
Tiffany Molina, M.D.	Burrin	2016-2018	Defining optimal parenteral lipid fatty acid profile using model of the preterm neonatal piglet
Elizabeth Cordonier, Ph.D.	Fukuda	2015-2018	To determine if neuronal GIPRs are required for the development of leptin resistance in glucose and energy homeostasis in obese animals
Zhijia Qi, Ph.D.	Guan	2015-2018	Predicted gene expression from high- dimensional genotyping data using Bayesian Variable Selection Regression in R
Lydi-Anne Vezina-Im, Ph.D.	Baranowski	2016-2018	Chronic, non-communicable diseases and childhood obesity
Ana Barco-Leme, Ph.D.	Baranowski	2017-2018	Chronic, non-communicable diseases and childhood obesity
Erica Underwood, Ph.D.	Wu	2016-2018	Brain metabolism after mTBI

Gregory Guthrie, Ph.D.	Burrin	2014-2018	Role of parenteral lipid nutrition on hepatic bile acid metabolism
Yanlin He, Ph. D	Xu	2014-2018	Mainly focusing on electrophysiology related work using patchclamp technique.
Natasha Chong Cole, Ph.D	Hughes	2018-2019	An integrated approach to improving feeding behaviors among parents of young children
Xing 'Grace' Cai, Ph.D	Xu	2017-2019	A DAVTA-DRN circuit and anorexia nervosa
C. Anthony Scott , Ph.D	Waterland	2016-2019	Deconvoluting heterogeneous cell populations using whole-genome bisulfite sequencing
Chathura Gunasekara, Ph. D	Waterland	2017-2020	An atlas of systemic inter-individual epigenetic variation in humans
Liz Febo-Rodriguez, M.D.	Shulman	2018-2020	Gastrointestinal symptoms in children undergoing gastric emptying scintigraphy for suspected gastroparesis
Marko Rudar, Ph. D	Davis	2017-2020	Impact of feeding modality on tissue protein synthesis and lean growth in preterm pigs
Ishita Jindal, M.D.	Bacha	2018-2020	Effect of continuous positive airway pressure on endothelial function in overweight youth with obstructive sleep apnea
Guobin Xia, Ph.D.	Wu	2018-2020	A Novel AgRP neurons to the dorsal raphe circuit in control of energy expenditure
Chen Liang, Ph.D.	Xu	2018-2021	Brain steroid receptor co-activators and energy homeostasis - Chen Liang
Hsiao-Yun Lin	Fukuda	2018-2021	Metformin: a common drug for diabetes, targets RAP1 in the brain to control glucose balance
Amy Goetz, Ph.D.	Moreno/O'Connor	2019-2020	Examining the relationship of sleep to obesogenic behaviors in young children

Abby Pritchard, Ph.D.	Davis/Fiorotto	2020-2021	Leucine supplementation in early life to promote muscle growth at the expense of adipose deposition
Harry MacKay, Ph.D.	Waterland	2015-2021	Developmental Epigenetics in Arcuate Neurons of mice lacking Dnmt3a in AGRP neurons
Reem Shawar, MD	Bacha	2020-2022	The Impact of Obesity on Pediatric Bone Health
Debra Eseonu, MD	Shulman	2020-2022	Diet In Pediatric Patients with Gastroparesis
Olivia Ginnard, DO	Sisley/Tong	2020-2022	Expression of Vitamin D Receptor Pathway Genes Across Tissues of Obese Individuals
Caitlin Vonderohe, PhD, DVM	Burrin	2019-2022	Development of the FGF19-FXR Axis in Neonatal Pigs
Yong Han, Ph.D.	Wu	2015-2022	Neural circuit mechanism underlying comorbidity of obesity and sleep disorder
Erin Posey, Ph.D.	Davis	2021-2023	Impact of Leucine Supplementation on Lean Growth Regulation in a Preterm Piglet Model
Heba El Ayash, M.D.	Bacha	2021 - 2023	Incretins and Vascular Health in Youth
Isha Kaul, M.D.	Shulman, Chumpitaz	2021 - 2023	Avoidant/Restrictive Eating in Children with Gastroparesis and Functional Dyspepsia
Yang He	Xu	2018 - 2023	Alzheimer's disease and metabolic syndrome
Robert Peery, Ph.D.	Shen	2020 - 2023	The Gut Microbiome and the Early Environmental Influences on Intestinal Stem Cell Epigenetics
Hormat Shadgou Rhein, M.D.	Hirschi	2021 - 2023	Genetic Analyses of Plant Anoxia Tolerance



**Current Position**

Instructor, Wash Univ

Asst Prof, Pediatrics-Newborn, BCM

Director of Research & Development, Advancing  
Eco Agriculture

Postdoctoral Researcher, Dept of Medical Genetics,  
Univ of Alberta Canada

Asst Prof, Louisiana State Univ, LA

Staff Scientist, Harris County Institute of  
Forensic Sciences, Houston, TX

Asst Prof, Nutrition, Univ California Davis

Asst Prof, Medical Director of Endoscopy,  
Pediatrics-GI, Johns Hopkins Medicine

R&D Specialist, Nutr Dept, Nestle  
Research Center, Lausanne

Pediatric Intensivist, Lehigh Valley Health  
Network

Visiting Assoc Prof, Dept of Biomedical Sciences,  
UT Rio Grande Valley

Postdoctoral Teaching Scholar, North Carolina  
State Univ

Asst Clinical Investigator, NIDDK, NIH, Bethesda,  
MD

Research Assoc, Ped-Nutr, CNRC, BCM

Asst Prof, Psychological Health and Learning  
Sciences, Univ of Houston; Adjunct Asst Prof, Center  
Ethics & Policy,  
BCM

Private Practice, Ft Worth, TX

Asst Prof, Obstetrics/Gynecology, BCM

Asst Prof, Pediatrics-Cardio, BCM

Assoc Prof, Tongji Med Univ, China

Asst Prof, Dept of Health Disparities, MD  
Anderson Cancer Center

Postdoctoral fellow, Medicine, BCM

Asst Prof, Inst Animal Science, Univ Bonn,  
Germany

Postdoc Researcher, Univ of California Davis

Assoc Prof, Institute of Nutrition, Wuhan  
Polytech Univ, China

Physician Scientist, Tongji Hosp, China

Postdoctoral Scholar, Univ Iowa

**Current Position**

Adjunct Prof and Res Scientist, Prairie Swine Centre,  
Univ Saskatchewan,  
Canada

Clinical Research Associate, Medicine-  
Gastroenterology, BCM

Asst Prof, UT Southwestern Med Center

Asst Prof, Department of Kinesiology, Michigan State  
University

Asst Prof, Kyoto Univ, Japan

Asst Prof, Univ Houston

Asst Prof, Dept of Kinesiology & Public Health Sci,  
Penn State

Postdoc Fellow, MD Anderson CC

Assoc Prof, Ocean Univ, China

Postdoctoral Fellow, Molecular  
Physiology, BCM

Asst Prof, Pediatrics-Endocrinology, BCM

Clinical endocrinologist, Orlando, FL

Asst Prof, Ped Endocr, Ohio St Univ

Asst Prof, California Polytechnic State  
Univ

Sabbatical

Business Development Manager, Private Feed  
Company, India

Adjunct Prof, Title V: FOSS Activity Director, Laredo  
Community College

Research Fellow and Lecturer, Univ Texas at Austin;  
Adjunct Prof, Austin  
Community College



Practicing Optometrist, Houston, TX

Postdoctoral Fellowship, Neuroscience,  
Univ Michigan

Postdoc, UT Southwestern

Assoc Prof, Tongji Med Univ, China

Lab Manager, UT Southwestern, Dallas, TX

Clinical Chemistry Postdoc, Calgary

Faculty, The University of Texas Rio  
Grande Valley School of Medicine

Veterinary resident, BCM

Instructor, Pediatrics-Nutrition, CNRC,  
BCM

Assistant Professor, University of  
Chicago, IL

Instructor, Baylor College of Medicine and Ben Taub  
Hospital

Technical Writer, MD Anderson

Private Practice, Woodlands, TX

Adjunct Professor of Biology, Lone Star College

Insight Health Data Science Fellow

Lecturer, Laval University

Postdoctoral Fellow, Universidad de Sao Paulo

Postdoctoral Fellow, University of Texas, Health  
Sciences Center

Instructor, Pediatrics-Nutrition, CNRC,  
BCM

Assistant Professor, Louisiana State University

USDA Center for Nutrition Policy and Promotion

Research Assistant, Kunming Institute of Zoology in  
Chinese Academy of Sciences

Data Scientist, Mercury Data Science

Bioinformatics Programmer II  
USDA Children's Nutrition Research  
Center

Pediatric Gastroenterologist  
Children's Miami Hospital

Assistant Professor Auburn University

Pediatric Endocrinologist Benaroya Research  
Institute

postdoc associate at Dr. Bhagavatula Moorthy's lab  
Baylor College of Medicine

Postdoctoral Associate Pharmacology and Chemical  
Biology (Jin Wang Lab)

Research Assoc, Ped-Nutr, CNRC, BCM  
(Fukuda Lab)

Assistant Professor Baylor College of Medicine

Mars Pet Nutrition, Nashville, TN

Behavioral Scientist, Privy Council Office, Canadian Government

Assistant Professor of Pediatrics, Division of Pediatric Endocrinology & Diabetes at the University of Utah

Pediatric Gastroenterology Attending at Baylor Scott & White/McLane Children's Hospital

Instructor in Pediatrics-Nutrition at Baylor College of Medicine

Instructor in Pediatrics-Nutrition at Baylor College of Medicine

Instructor in Pediatrics-Nutrition at Baylor College of Medicine (CNRC)

Veterinary Medical Officer USDA  
Animal and Plant Health Inspection Services  
(APHIS)  
Ames, IA

Assistant Professor at University of Arkansas for Medical Sciences, Little Rock, AR

Assistant Professor at Texas Children's Hospital The Woodlands in Pediatric Gastroenterology and Hepatology.

Assistant Professor (TT) to establish own lab.  
Baylor College of Medicine

Sabbatical

Sabbatical