

# CURRICULUM VITAE

## **Lan Chi T. Luu, Ph.D.**

### **I. Personal Data**

Citizenship: United States  
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### **II. Present Position**

2010-Present President, Community Empowerment Service Agency (CESA)  
Not-for-profit agency serving the multi-ethnic communities of Orleans, Jefferson, Plaquemines, and St. Bernard Parishes in the areas of Health & Wellness, Workforce Training & Development, and Education.

2010-Present Instructor (Adjunct), LSU-Pennington Biomedical Research Center  
Nutrition and Chronic Diseases

2009-Present Instructor (Adjunct), Louisiana State University Health Sciences Center  
Department of Internal Medicine – Endocrinology

### **III. Education**

1991-1995 Health & Society, University of Rochester, Rochester, New York

1996 Asian American Research Fellow  
University of Rochester, New York

1997-2001 Maternal & Child Health/Nutritional Epidemiology,  
University of Rochester, New York

2002-2007 Graduate Center for Nutritional Sciences, University of Kentucky,  
Lexington, Kentucky

2007-2009 NIH Post-doctoral Fellow, Pennington Biomedical Research Center

### **IV. Degrees**

1995 Bachelor of Arts and Science  
2007 Ph.D., “Doctorate of Sciences” in Nutritional Sciences

## V. Professional Experiences

1995-1996 Diversity Consultant  
Coordinated Care Services, Inc.  
Monroe County Mental Health Department  
New York Office of Mental Health  
Rochester, New York

*Coordinated cultural competency training for all not-for-profit Mental Health and Developmental Disability agencies of the Greater Rochester Area, Finger Lakes, and Binghamton, NY. Developed standardized certification guidelines for Vietnamese mental health workers. Implemented strategies to recruit and retain minority clients for mental health agencies of Monroe County and Binghamton, NY.*

1996-1999 Research Assistant  
Department of Radiation Oncology  
University of Rochester, Rochester, NY

*Managed clinical operations including chart reviews, patient follow-ups, and administrative activities. Reviewed and edited manuscripts, transcripts, and grants. Performed biochemical assays of breast cancer drugs for clinical trials.*

1999-2002 Information Analyst  
Bio-Informatics Core  
General Clinical Research Center  
University of Rochester, Rochester, NY

*Developed clinical study protocols including data collection, management, and quality checks. Coordinated training of GCRC young investigators in the area of data management and usage. Reviewed and edited grants.*

1999-2002 Clinical Research Coordinator  
Department of Medicine, Endocrinology  
University of Rochester, Rochester, NY

*Managed both adult and pediatric clinical drug trials and investigator- initiated studies for diabetes, OB-GYN, cancer, and aging.*

2002-2004 Clinical Research Associate  
Department of Neurology  
University of Kentucky, Lexington, KY

*Oversaw clinical studies in nutrition, body composition, and energy metabolism in Amyotrophic Lateral Sclerosis (ALS) studies. Wrote, reviewed, and edited grants and manuscripts.*

2004 Grant Manager  
Department of Neurology  
University of Kentucky, Lexington, KY

*Directed multi-site (8) NIH-funded clinical trials in nutrition and respiration for ALS patients. Wrote, reviewed, and edited grants and manuscripts.*

2007-2009 Post-doctoral Fellow  
Pennington Biomedical Research Center

Baton Rouge, LA 70808

*Supervised NIH clinical translational study in overfeeding and obesity. Oversaw clinical stable-isotope clamp operation. Wrote, reviewed, and edited grants and manuscripts.*

2008-2009                      Adjunct Instructor  
Our Lady of the Lake College  
Baton Rouge, LA 70808

*Designed and executed undergraduate courses in Human Nutrition, Clinical Endocrinology, and History of Biology and Medicine.*

2009-2010                      Executive Director, MQVN Community Development Corporation, Inc.  
*Executive director of a not-for-profit organization serving a culturally diverse population. Interacted with Board of Directors, wrote grants, built relationships across New Orleans communities, and supervised all staff.*

2009-2010                      President, Community Empowerment Service Agency (CESA)  
*President of a not-for-profit agency serving the diverse multi-ethnic communities of the Greater New Orleans Area including Orleans, Jefferson, Plaquemines, and St. Bernard parishes. Interact with Board of Directors, write grants, build relationships across New Orleans communities, and supervising all staff.*

2009-2010                      Instructor, Louisiana State University Health Science Center, Endocrinology  
*Principle Investigator of New Orleans Health Disparity of Type 2 Diabetes in New Orleans Vietnamese: A phenotypic study of metabolic risk factors. Write grants, coordinate translational clinical studies, supervise translational clinical training to medical and graduate students.*

## **VI. Professional Affiliations**

The Obesity Society  
American Society of Clinical Nutrition  
American Physiology Society  
American Gastroenterology Association  
American Public Health Association

## **Academic Grants**

1991-1995                      Xerox Full Scholarship

1991-1995                      University of Rochester Alumni Scholarship

1994-1995                      Summer Undergraduate Research Fellowships

1995-1996                      University of Rochester Take Five Fellowship

2004-2007                      NIH T32 DK07778: Oxidative Stress Training Grant  
*Fellow*

2004-2007                      NIH/GCRC: CReFF  
*Principal Investigator*  
**Ectopic Lipids in Crohn's Disease: A Conceptual Model of 'Systemic Steatosis'  
and Its Effects on Metabolism**

2007-2009                      NIH T32 DK: Obesity Gene Research  
*Fellow*

2009-Present Tulane University/Louisiana State University Health Sciences Center Clinical and Translational Research, Education, and Commercialization Project (CTRECP)  
**Health Disparity of Type II Diabetes in New Orleans Vietnamese Americans:**  
A metabolic study to characterize the pathophysiology parameters contributing to diabetes development.  
*Principal Investigator*

## VII. Publications

### Peer Reviewed Publications

Cedric Moro, Jose E. Galgani, **LanChi Luu**, Magdalena Pasarica, Sudip Bajpeyi, Gerd Schmitz, Dominique Langin, Gerhard Liebisch, Steven R. Smith. Determinants of intramyocellular lipids in humans: Effect of gender, obesity, and muscle lipase activity. *J Clin Endocrinol Metab* 09, Sep;94(9):3440-7. Epub 2009 Jun 16.

**Luu, LC** and E Ravussin. *The Other Lipids: Ectopic Lipids with Emphasis on Skeletal Muscle*. *Current Cardiovascular Risk Reports*. 2008, 2:15-22.

**Luu, LC**, EJ Kasarskis, and R Tandan. *Nutritional Treatment: Theoretical and Practical Issues*. In: **Amyotrophic Lateral Sclerosis**, edited by Mitsumoto, Przedborski, and Gordon. (2005)

EJ Kasarskis, L Dempsey-Hall, MM Thompson, **LC Luu**, M Mendiondo, D Kryscio. *Rating the severity of ALS by caregivers over the telephone using the ALSFRS-R*. *ALS* 2005, 6:50-54.

### Presentations

#### Invited Oral Presentations

“Chromium picolnate supplementation reduces myocellular and intrahepatic lipid content in patients with type 2 diabetes.” American Diabetes Association Annual Scientific Sessions, June 2009.

“*Ectopic Lipids in Crohn’s Disease: A Conceptual Model of ‘Systemic Steatosis’ and Its Effects on Metabolism.*” **The University of Kentucky Clinical Translational Research Center Spring Conference**. June 2006.

“Intramyocellular and Intrahepatic Lipids and Its Effects on Energy Metabolism in Crohn’s Patients.” **The International Journal of Body Composition Research** 2005, 3(3): Abstract O17.

“Validating Energy Intake in ALS Patients.” **Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders**. 2004, Dec 5(Suppl 2): Abstract C45

“Nutritional Management in ALS.” **Kentucky Chapter of the ALS Association Health Conference**. April 2004.

#### Peer-reviewed Conference Presentations

**Luu LC**, John Crilly, Bradley Newcomer, William T. Cefalu. Evaluation of Extramocellular Adipose Tissue in Type 2 DM. International Diabetes Federation Foundation Science Session, October 2009.

**Luu, LC**, John Crilly, Bradley Newcomer, William T. Cefalu. Intermuscular adipose tissue of the soleus muscle is increased in Type 2 Diabetes. American Diabetes Association Annual Scientific Sessions, June 2009.

Jose Galgani, **LanChi Luu**, Lilian Levitan, Jennifer Rood, Andrew A. Young, Steven Smith and Eric Ravussin. Urinary C-peptide Excretion and Glycolytic Glucose Metabolism Relate to Insulin Sensitivity Measured by Hyperinsulinemic Clamp. American diabetes Association Annual Scientific Session, June 2009.

**Luu LC, Brad Newcomer, Wiliam JS de Villiers**, TA Winter, and MB Reid: *Acute Inflammation and Intramyocellular Lipids*. **Medicine & Science Sport Exercise**. 2006, Nov.: Abstract

**Luu LC, Brad Newcomer, Wiliam JS de Villiers**, MB Reid, and TA Winter: *Lipid Redistribution in Crohn's*. **American College of Gastroenterology**. 2006, Oct.: Abstract

**Luu LC**, MB Reid, and TA Winter: *Ectopic Lipids in Crohn's Disease: A Conceptual Model of 'Systemic Steatosis' and Its Effects on Metabolism*. **Journal of Parenteral and Enteral Nutrition**. 2006, March-April 30(2): Abstract S086

**Luu LC**, JF Crilly, and EJ Kasarskis: *A Self Report Scale Measuring Denial in ALS patients and their caregivers*. **Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders**. 2004, Dec 5(Suppl 2): Abstract P140

EJ Kasarskis, Dempsey-Hall L, **Luu LC**, Mendiondo M, Kryscio R: *Rating the Severity of ALS by Caregivers Over The Phone Using The ALSFRS-R*. **Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders**. 2004, Dec 5(Suppl 2): Abstract C11

EJ Kasarskis, **Luu LC**, Heiman-Patterson T, Tandan R, Research Team on Nutrition and NIPPV in ALS, USA: *Early Treatment of ALS with Nutrition and NIPPV*. **Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders**. 2004, Dec 5(Suppl 2): Abstract C46

**Luu LC** and EJ Kasarskis: *Finding Balance to an Imbalance Energy System in ALS*. **The Ohio Valley Society of Toxicology**. Nov. 2004. Poster.

**Luu LC** and EJ Kasarskis: *ALSEATS, a More Comprehensive Instrument for Assessing the Multidimensional nature of Eating Amyotrophic lateral Sclerosis (ALS) Patients*. **The American Neurological Association** Oct 2004. Poster.