

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Go, Vay Liang W.	POSITION TITLE		
eRA COMMONS USER NAME GOVL22	Professor of Medicine		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Santo Tomas, Philippines	A.A.	1958	Liberal Arts
University of Santo Tomas, Philippines	M.D.	1963	Medicine
Mayo Graduate School of Medicine, Rochester, MN	Residency	1965-1968	Internal Medicine
Mayo Graduate School of Medicine, Rochester, MN	Fellowship	1968-1969	Gastroenterology

A. Positions and Honors.**Positions and Employment**

1969-1971	Research Associate (Mayo Foundation Scholar), Banting and Best Department of Medical Research, University of Toronto, Toronto, Ontario, Canada
1972-1975	Assistant Professor of Medicine, Mayo Medical School, Rochester, MN
1975-1978	Associate Professor of Medicine, Mayo Medical School, Rochester, MN
1978-1988	Professor of Medicine, Mayo Medical School, Rochester, MN
1978-1985	Director, NCI-Serum Immunodiagnostic Bank, Mayo Clinic, Rochester, MN
1985-1988	Director, Division of Digestive Diseases and Nutrition, National Institute of Arthritis, Diabetes, Digestive, and Kidney Diseases, National Institutes of Health, Bethesda, MD
1986-1988	Director, Nutrition Coordinating Committee (NCC), Office of Director, NIH, Bethesda, MD
1986-1988	Executive Secretary, Federal Interagency Committee on Human Nutrition Research, DHHS & USDA
1988-1992	Executive Chair, Department of Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
1988-present	Professor of Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
1993-2002	Director, UCLA Nutrition Education Program & Associate Director, Clinical Nutrition Research Unit
1996-2002	Co-Founder & Associate Director, UCLA Center for Human Nutrition
1999-2002	Associate Director & Core Director, UCLA Center for Dietary Supplements Research: Botanicals
2003-present	Chair, Scientific Advisory Board, Hirshberg Foundation for Pancreatic Cancer Research
2007-present	Director, UCLA Center for Excellence in Pancreatic Diseases

Other Experience and Professional Memberships

1969	Co-Founder & Past President, 1978-1979 & 1988-1989, American Pancreatic Association
1985-present	Editor-in-Chief, <i>Pancreas</i>
1990-1994	Member, FDA Advisory Committee on Gastrointestinal Drugs
1995-2003	Chairman, Research Program Evaluation Committee, American Institute of Cancer Research
1999-2000	Co-Chair, Program Committee of North American Association for the Study of Obesity
2000-2001	Member, Special Emphasis Panel, Scientific Review Committee, NCCAM, NIH
2001-2005	Member, California Cancer Research Council, California Department of Health Services
2002-2003	Member (Ad Hoc), Metabolic Pathology Study Section/Oncological Sciences Integrated Review Group, NIH
2003-present	Member, Chemo/Dietary Prevention Study Section, NIH
2003-2004	Member, 2005 Dietary Guidelines Advisory Committee, DHHS/USDA

2004-present Member, California Dialogue on Cancer Research, California Department of Health Services

Honors Since 2000

- 2001 Research Achievement Award, American Institute for Cancer Research
- 2001 Lifetime Achievement Award, American Pancreatic Association
- 2002 Mayo Foundation Distinguished Alumni Award
- 2003 American Gastroenterological Association/Fiterman Foundation Clinical Research (Hugh R. Butt) Award
- 2006 Géza Hetényi Memorial Medal, Hungarian Society of Gastroenterology
- 2007 American Gastroenterological Association Foundation's Mentors Research Scholar Award Honoree

B. Selected peer-reviewed publications (in chronological order). (From 350 peer-reviewed articles, and 146 book chapters, review articles and signed editorials, and co-editor of 10 books)

1. **Go VLW**, Hofmann AF, Summerskill WHJ. Pancreozymin bioassay in man based on pancreatic enzyme secretion: Potency of specific amino acids and other digestive products. *J Clin Invest* 49:1558-1564, 1970.
2. DiMagno EP, **Go VLW**, Summerskill WHJ. Relations between pancreatic enzyme outputs and malabsorption in severe pancreatic insufficiency. *New Eng J Med* 288:813-815, 1973.
3. Malagelada JR, **Go VLW**, DiMagno EP, Summerskill WHJ: Interactions between intraluminal bile acids and digestive products on pancreatic and gallbladder function. *J Clin Invest* 52:2160-2165, 1973.
4. DiMagno EP, Malagelada JR, Taylor WF, **Go VLW**: A prospective comparison of current diagnostic tests for pancreatic cancer. *N Engl J Med* 297:737-742, 1977.
5. Miller LJ, Malagelada JR, **Go VLW**: Intestinal nutrient influence on the enteroinsular axis. *J Clin Endocrinol Metab* 47:1009-1014, 1978.
6. Verdonk CA, Rizza RA, Nelson RL, **Go VLW**, Gerich JE, Service FJ: Interaction of fat-stimulated gastric inhibitory polypeptide on pancreatic alpha and beta cell function. *J Clin Invest* 65:1119-1125, 1980.
7. Perez MM, Newcomer AD, Moertel CG, **Go VLW**, DiMagno EP. Assessment of weight loss, food intake, fat metabolism, malabsorption and treatment of pancreatic insufficiency in pancreatic cancer. *Cancer*. 52:346-352, 1983.
8. Schick RR, Yaksh TL, Roddy DR, **Go VLW**: Release of hypothalamic cholecystokinin in cats: effects of nutrient and volume loading. *Am J Physiol* 256:R248-R254, 1989.
9. Roddy DR, Yaksh TL, Aimone LD, **Go VLW**: Distribution of neuropeptide Y in the spinal cords of cat, dog, rat, human, and pig. *Regulatory Peptides* 29:81-92, 1990.
10. Layer P, Chan ATH, **Go VLW**, Zinsmeister AR, DiMagno EP: Adrenergic modulation of interdigestive pancreatic secretion in humans. *Gastroenterology* 103:990-993, 1992.
11. Benhamou PY, Mullen Y, Clare-Salzler M, Sangkharat A, Benhamou C, Shevlin L, **Go VLW**: Essential fatty acid deficiency prevents autoimmune diabetes in nonobese diabetic mice through a positive impact on antigen-presenting cells and Th2 lymphocytes. *Pancreas* 11:26-37, 1995.
12. Song MK, Hwang IK, Rosenthal MJ, Harris DM, Yamaguchi DT, Yip I, **Go VLW**: Anti-hyperglycemic activity of zinc plus cyclo (his-pro) in genetically diabetic goto-kakizaki and aged rats. *Exp Biol Med* 228(11):1338-45, 2003.
13. Boros LG, Lee W-N P, **Go VLW**: A metabolic hypothesis of cell growth and death in pancreatic cancer. *Pancreas* 24:26-33, 2002.
14. Yang H, Tache Y, Ohning G, **Go VLW**: Activation of raphe pallidus neurons increases insulin through medullary thyrotropin-releasing hormone (TRH)-vagal pathways. *Pancreas* 25:301-307, 2002.
15. **Go VLW**, Butrum R, Wong DA: Diet, nutrition, and cancer prevention: The postgenomic era. *J Nutr* 133(11 Suppl 1):3830S-3836S, 2003.
16. Chiu KC, Chu A, **Go VLW**, Saad MF: Hypovitaminosis D is associated with insulin resistance and beta cell dysfunction. *Am J Clin Nutr* 79(5):820-5, 2004.
17. Eibl G, Reber HA, Hines OJ, **Go VLW**. COX and PPAR: possible interactions in pancreatic cancer. *Pancreas* 29(4):247-53. 2004.
18. Lee WN, Guo P, Lim S, Bassilian S, Lee ST, Boren J, Cascante M, **Go VLW**, Boros LG: Metabolic sensitivity of pancreatic tumour cell apoptosis to glycogen phosphorylase inhibitor treatment. *Br J Cancer* 91(12):2094-100, 2004.

19. **Go VLW**, Wong DA, Wang Y, Butrum RR, Norman HA, Wilkerson L: Diet and cancer prevention: evidence-based medicine to genomic medicine. *J Nutr* 134(12 Suppl):3513S-3516S, 2004.
20. Lu QY, Jin YS, Zhang Q, Zhang Z, Heber D, **Go VLW**, Li FP, Rao JY. Ganoderma lucidum extracts inhibit growth and induce actin polymerization in bladder cancer cells in vitro. *Cancer Lett.* 8;216(1):9-20, 2004.
21. Lu QY, Arteaga JR, Zhang Q, Huerta S, **Go VLW**, Heber D. Inhibition of prostate cancer cell growth by an avocado extract: role of lipid-soluble bioactive substances. *J Nutr Biochem.* 16(1):23-30, 2005.
22. Zhang L, Ma J, Pan K, **Go VLW**, Chen J, You WC. Efficacy of cranberry juice on Helicobacter pylori infection: a double-blind, randomized placebo-controlled trial. *Helicobacter.* 10(2):139-45, 2005.
23. Ao Y, Wu S, **Go VLW**, Toy N, Yang H. Maintaining euglycemia prevents insulin-induced Fos expression in brain autonomic regulatory circuits. *Pancreas.* 31(2):142-7, 2005.
24. **Go VLW**, Gukovskaya A, Pandol SJ. Alcohol and pancreatic cancer. *Alcohol* 35(3):205-11, 2005
25. Harris DM, Besselink E, Henning SM, **Go VLW**, Heber D. Phytoestrogens induce differential estrogen receptor alpha- or Beta-mediated responses in transfected breast cancer cells. *Exp Biol Med (Maywood)*. 2005 Sep;230(8):558-68.
26. Ao Y, Toy N, Song MK, **Go VLW**, Yang H. Altered glucose and insulin responses to brain medullary thyrotropin-releasing hormone (TRH)-induced autonomic activation in type 2 diabetic Goto-Kakizaki rats. *Endocrinology.* 146(12):5425-32, 2005
27. **Go VLW**, Nguyen CT, Harris DM, Lee WN. Nutrient-gene interaction: metabolic genotype-phenotype relationship. *J Nutr.* 135(12 Suppl):3016S-3020S, 2005.
28. Harris DM & **Go VLW**. How Dietary Components Protect from Cancer. In: Awad AB & Bradford PG, eds. *Nutrition and Cancer Prevention*. Baton Rouge, FL: CRC Press (formerly New York, NY: Marcel Dekker, Inc.), 2005, 27-58.
29. Henning SM, Aronson W, Niu Y, Conde F, Lee NH, Seeram NP, Lee RP, Lu J, Harris DM, Moro A, Hong J, Pak-Shan L, Barnard RJ, Ziaee HG, Csathy G, **Go VLW**, Wang H, Heber D. Tea polyphenols and theaflavins are present in prostate tissue of humans and mice after green and black tea consumption. *J Nutr.* 2006 Jul;136(7):1839-43.
30. Satake M, Sawai H, Go VL, Satake K, Reber HA, Hines OJ, Eibl G. Estrogen receptors in pancreatic tumors. *Pancreas.* 2006 Aug;33(2):119-27.
31. Ao Y, **Go VLW**, Toy N, Li T, Wang Y, Song MK, Reeve JR Jr, Liu Y, Yang H. Brainstem Thyrotropin-Releasing Hormone Regulates Food Intake through Vagal-Dependent Cholinergic Stimulation of Ghrelin Secretion. *Endocrinology.* 2006 Dec;147(12):6004-10.
32. Leung FW, **Go VLW**, Scremin OU, Obenaus A, Tuck ML, Golub MS, Eggena P, Leung JW. Pilot Studies to Demonstrate That Intestinal Mucosal Afferent Nerves Are Functionally Linked to Visceral Adipose Tissue. *Dig Dis Sci.* 2007 Oct;52(10):2695-702.

C. Research Support.

Ongoing Research Support

1R25-CA96975-01 Wilkerson (PI)

10/01/2002 – 09/30/2007

National Cancer Institute

Cancer as a Chronic Disease: Curriculum For Survivorship

The main goal is to develop an integrated 4-year medical school curriculum on Cancer Survivorship

Role: Co-Principal Investigator

Cooperative Medical Research Study Zhang (PI)

09/01/2006 – 03/01/2008

Ocean Spray Cranberries, Inc.

Randomized Double-Blind Clinical Trial on Cranberry Juice in the Prevention of *H. pylori* in Children

The primary goal of this clinical trial is to demonstrate through breath test that cranberry juice can diminish *H. pylori* infection in an endemic region in China. The project is a collaborative research activity with the Peking University School of Oncology and Beijing Cancer Hospital and Institute.

Role: Co-Principal Investigator

Pending Research Support

1 P01 AT003960-01A1 Go (PI)

10/01/2007 – 09/30/2012

NIH/NCCAM

UCLA Center for Excellence in Pancreatic Diseases

The goal of this Center for Excellence is to study phytonutrient mechanism of action in both inflammatory and proliferative diseases of the pancreas using molecular biology and metabolomics technology to investigate altered cellular functions.

Role: Principal Investigator

1 R01 CA123273-01A1 Heaney (PI)

10/01/2007 – 09/30/2012

NIH/NCI

Refined Fructose Promotes Pancreatic Cancer Growth

The goal of this application is to study the effects of diet rich in fructose on pancreatic cancer cells growth in vitro and in a tumor model.

Role: Co-Investigator

VA Merit Award Yang (PI)

10/01/2007 – 09/30/2011

Department of Veteran Affairs

Brainstem Mechanism of Altered Insulin Secretion in Type 2 Diabetes

The goal of this grant is to investigate the role of brainstem mechanism in regulating pancreatic insulin secretion and its alteration in diabetes mellitus.

Role: Co-Investigator

Completed Research Support

P01-CA42710 Heber (PI)

05/01/2002 – 04/30/2007

NCI

UCLA Clinical Nutrition Research Unit

The UCLA CNRU consists of an administrative core and four core laboratories (cellular and molecular biology, genetics core, nutrition biomarker core, stable isotope and statistical coordination and nutrition database cores). This research unit focuses on nutrition and cancer prevention and on chronic diseases, including diabetes mellitus. The Biomarker Core investigates insulin, c-peptides and other pancreatic hormones and other tumor markers during dietary intervention studies in human and experimental animals.

Role: Co-Investigator (Formerly Associate Director & Co-Core Director of the Biomarker Core until 2005)

1 R21 AT 001523-01A1 Chiu (PI)

05/01/2003 – 04/30/2006

NCCAM

Molecular Mechanism of Cordyceps on Glucose Metabolism

The primary goal of this project is to demonstrate the effect of cordyceps on glucose metabolism with aims to 1) investigate the effect of cordyceps on hepatic glucose metabolism in rats; 2) examine the effect of cordyceps on glucose homeostasis in mice, and 3) explore the underlying molecular mechanism of cordyceps on glucose homeostasis in mice. This is the first endeavor to evaluate the effect of cordyceps on glucose metabolism systematically that utilizes combined physiological and molecular biological methods.

Role: Co-Investigator

VA Merit Review Award Yang (PI)

04/01/2003 – 03/31/2006

Department of Veterans Affairs

Brain Medullary Mechanism of Hypothyroidism Induced Autonomic Disorders

This grant investigates the role of brain medullary vagal regulatory peptides in hypothyroidism induced autonomic disorders.

Role: Collaborator