

Curriculum Vitae  
**Salome P. Rao, Ph.D., RD**  
Updated 03/03/17

Present Address:  
51 Winthrop Road  
Lawrenceville, New Jersey 08648  
Phone: (732) 939-1449 (C)

**Education** University of California at Berkeley, Berkeley, CA  
**B.Sc.** Nutrition and Food Science, 1987

Cornell University, Ithaca, NY  
**M.Sc.** Food Science & Technology, Minor in Biochemistry, 1997

Rutgers University, New Brunswick, NJ  
**Ph.D.**, Nutritional Sciences, 2000

Certificate of Training in Adult Weight Management  
Commission on Dietetic Registration, October 2012

**Dietetic**

**Internship** Sodexo Health Care Services, Allentown, PA  
September 2014-August 2015

- *Clinical Rotations (800 Hours)*  
*Raritan Bay Medical Center, St. Lawrence Rehabilitation Center, The Cancer Institute of New Jersey, Dupont-Nemours, Manor Care*
- *Food Service Rotation (200 hours)*  
*Robert Wood Johnson Foundation, Princeton, NJ & Bloomberg L.P., Skillman, NJ*
- *Community Rotation- Multiple locations (200 hours)*

**Professional Experience**

02/2016-Present     Assistant Teaching Professor  
Department of Nutritional Sciences  
Rutgers University  
New Brunswick, NJ 08901

09/2015-Present     Clinical Dietitian  
St. Lawrence Rehabilitation Center  
Lawrenceville, NJ 08648

09/2013-12/2015     Research Assistant  
Sensory Evaluation Laboratory  
Department of Food Science  
School of Environmental and Biological Sciences  
Rutgers University  
New Brunswick, NJ 08901

*Research program involving weekly meetings and sensory evaluations of taste perceptions in women, pre- and post- weight loss.*

12/2012-2014

Undergraduate and Graduate Program Assistant  
Department of Nutritional Sciences  
SEBS, Rutgers University  
New Brunswick, NJ 08901

*Assisted in graduate program admissions, hiring of new staff and the administering of special projects.*

2002-6/2009

Co-Director/ Program Coordinator  
New Jersey Obesity Group (NJOG)  
Rutgers University  
New Brunswick, New Jersey 08901

*Coordinated activities including education/enrichment programs, such as symposia on current topics on obesity (among which Diabesity, 2004, and Childhood Obesity, 2005) coordinated research collaborations and scheduled seminars and committee meetings. Also contributed to NJOG activities in community outreach, feasibility studies and managed routine operations.*

2007-2014

Siemens Competition: Math-Science-Technology  
Judge in the Biology Group on an annual basis.

4/2004-6/2004

Research Scientist  
Rutgers University  
Department of Nutritional Sciences  
New Brunswick, New Jersey 08901

*Assisted in a research study on the relationship between birth weight, body composition, and diabetes.*

9/2000-5/2002

Lecturer  
Rutgers University  
Department of Nutritional Sciences  
New Brunswick, New Jersey 08901

*Prepared the laboratory manual and lectures for Experimental Foods, a senior level course, which focuses on the physicochemical properties of food.*

6/1987-8/1987 Research Scientist

FAGE S.A.  
Athens, Greece

*Research assistant in the microbiology department of a major dairy company.*

### Professional Affiliations

The Obesity Society  
Academy of Nutrition and Dietetics

The New Jersey Dietetic Association  
American Society of Nutrition  
New York Academy of Sciences

### Awards

American Heart Association Grant recipient, 1998

### Publications

1. Burgess B, **Rao S**, Tepper B. (2016). Changes in Oral Sensation and Liking for Common Foods Following Weight Loss in Women: Effects of Diet and PROP Phenotype. *Obesity*. [Accepted April 2016].
2. Burgess B, **Rao S**, Raynor H, Tepper B. (2016). The PROP phenotype associates with greater weight loss in non-taster women randomized to a low-carbohydrate, but not low-fat diet. *American Journal of Clinical Nutrition*. In preparation.
3. Brenda Burgess, **Salome P. Rao**, Beverly J. Tepper. Changes in Sensory Perception and Liking for Sweet and Savory-Fat Foods During a 6-Month Behavioral Weight Loss Intervention in Women: A Preliminary Report. Abstract. AChemS XXXVII Annual Meeting; Fort Myers, Florida: April 22-25, 2015. Department of Food Science, School of Environmental and Biological Sciences, Rutgers University, New Brunswick, NJ
4. Fried S.K., **Rao S.P.** Sugars, hypertriglyceridemia, and cardiovascular disease. *Am J Clin Nutr.* 2003 Oct;78 (4 Suppl 2):873S-80S.
5. Russell, C.D., Petersen, R.N., **Rao, S.P.**, Prasad, A., Zhang, Y., Brolin, R.E., and Fried, S.K. Leptin expression in adipose tissue from obese humans: depot-specific regulation by insulin and dexamethasone. *Am. J. Physiol.* 275:E507-E515, 1998.
6. **Papaspyrou-Rao, S.**, Schneider, S.H., and Fried, S.K. Dexamethasone increases leptin expression in human subjects *in vivo*. *J. Clin. Endo. Metab.* 82:1635-1637, 1997.
7. Regulation of Lipoprotein Lipase Degradation by Human Adipocytes, Dissertation, Rutgers University, 2000.
8. Production and Proteolytic Specificity of the Thermostable Serine Protease (YX-Protease) from *Thermomomospora Fusca*, Thesis, Cornell University, 1997.

### Committees /Boards

8/2015-present	Chapin School, Princeton, NJ, Sustainability Committee
9/2012-2014	Chapin School, Princeton, NJ, Parents Association Board
6/2011-2014	DanceVision, Inc., Princeton NJ, Board
2000-2006	New Brunswick Tomorrow, Childhood Obesity Committee