

CURRICULUM VITAE

NAME: Shreela V. Sharma, PhD, RD, LD

PRESENT TITLE AND AFFILIATION:

Assistant Professor of Epidemiology
Assistant Director, Dietetic Internship Program,
Michael and Susan Dell Center for Advancement of Healthy Living
The University of Texas Health Sciences Center at Houston
School of Public Health

OFFICE ADDRESS:

The University of Texas Health Sciences Center at Houston
School of Public Health,
1200 Herman Pressler RAS E-603
Houston, TX 77030
Phone: 713-500-9344
Fax: 713-500-9264
Email: Shreela.V.Sharma@uth.tmc.edu

EDUCATION:

Degree granting education

December 2005 Ph.D. Epidemiology, The University of Texas School of Public Health, Houston, TX.

1999 M.A. Physical Therapy, The University of Iowa, Iowa City, IA.

1996 B.Sc. Physical Therapy, The University of Bombay, Bombay, India.

Post-baccalaureate training/Licenses

2002-current Registered and Licensed Dietitian (RD# 927783 and LD# DTO6415) in the State of Texas

2001 Post-baccalaureate program in Human Nutrition and Foods, The University of Houston, Houston, TX.

WORK EXPERIENCE

University Experience/Service:

01/07-present Assistant Professor of Epidemiology, The University of Texas School of Public Health, Houston, TX.

01/07 – present Assistant Director, Dietetic Internship program. The University of Texas School of Public Health, Houston, TX.

08/05-12/06 Assistant Professor of Human Performance and Nutrition, The University of Houston, Houston, TX.

- 01/02-07/05 Visiting Assistant Professor of Nutrition, The University of Houston, Houston, TX.
- 09/00-08/01 Research Assistant, Human Nutrition and Foods Laboratory, The University of Houston, Houston, TX. Mentor: Dr Kimberlee Matalon
- 08/97-05/99 Graduate Research Assistant, Electromyography Laboratory, The University of Iowa, Iowa City, IA. Mentor: Dr Martin Bilodeau.

HONORS AND AWARDS:

- 8/07 International Programs Award, The University of Texas, Health Science Center at Houston.
- 12/06 Outstanding Teacher Award, The University of Houston, Houston, TX.
- 12/05 Travel Award, Committee for Status of Women, , The University of Texas, School of Public Health, Houston, TX.
- 11/05 Research Day, Best Poster – 1st place award, The University of Texas, School of Public Health, Houston, TX.
- 11/04 Adopt-A-Student scholarship award, The University of Texas, School of Public Health, Houston, TX.
- 11/04 Book Fair scholarship award, The University of Texas, School of Public Health, Houston, TX.
- 1/01 Roundtable for Women in Food Service, Scholarship award, Houston, TX
- 08/97 Graduate Fellowship, The University of Iowa Physical Therapy graduate program, Iowa City, IA.

FUNDED RESEARCH PROJECTS (ongoing and completed):

- 2008-2011 Head Start on Healthy Living
The purpose of this project is to implement and evaluate an obesity prevention program in preschool children enrolled in Head Start and their parents.
Funding agency: U.S. Department of Health and Human Services, Administration for Children and Families
Subcontract to UTSPH: PI: Dr. Sharma
- 2008-2010 Coordinated Approach to Child Health in Underserved Populations (CATCH UP)
The purpose of this project is to pilot test an obesity prevention program in preschool age children and their parents in Head Start
Funding agency: University of Texas, School of Public Health
Role: PI
- 2008 - 2009 PRO Kids – Preventing Obesity in Kids

The purpose of this study is to determine the prevalence of obesity in children grades K-2, and to obtain qualitative data from their parents and teachers on strategies to effectively address the obesity epidemic.
Funding agency: The Michael and Susan Dell Center for Advancement of Healthy Living
 Role: Principal Investigator.

- 2008 - 2009 P.L.A.N.T Gardens –Preschoolers Learning About Nutrition Through Gardens.
 The purpose of this study is to develop and test a classroom garden curriculum for children ages 3-5 years enrolled in Harris County Department of Education Head Start.
Funding agency: General Mills Foundation
 Role: Co-principal investigator
- 2008 – 2009 Development of a garden-based classroom curriculum for Head Start children.
 The purpose of this study is to collect information and develop a garden-based curriculum for 3-5 year old children enrolled in the Harris County Department of Education Head Start.
Funding agency: The Michael and Susan Dell Center for Advancement of Healthy Living
 Role: Co-investigator
- 2007-2012 Cardiovascular Cell Therapy Research Network (CCTRN)
 The purpose of this study is to determine the efficacy of cell therapies in treatment of patients with heart failure.
Funding agency: National Heart Lung and Blood Institute, NIH
 Role: Co-investigator
- 2007-2008 Reliability and validity of self-report measures of dietary intake among urban youth in Delhi, India.
 The purpose of this study is to determine the prevalence of obesity among secondary school children in Delhi, India as well as to evaluate their dietary habits using a self-report measure of dietary intake.
Funding agency: International Programs Award, UTHSC
 Role: Principal Investigator
- 2005-2008 Behavioral Opportunities Uniting Nutrition Counseling and Exercise (BOUNCE)
 The purpose of this study was to conduct a behavior-based obesity prevention intervention among adolescent Hispanic girls and their mothers.
Funding agency: Kraft Foods Inc. & The University of Houston.
 Role: Co-Investigator
- 2005-2006 Annual Faculty Development Initiative Program (FDIP) grant
 The purpose of this project was to develop and test a novel method of course delivery using electronic media to university students.
Funding agency: The University of Houston
 Role: Co-principal Investigator

- 2004-2006 Quality of Life, Activity and Diet (QUAD) program
 The purpose of this project was to develop and test a nutrition and physical activity intervention program among the band members, dance team and cheer squad at the University of Houston.
Funding agency: The Moore's School of Music, The University of Houston
 Role: Co-principal Investigator
- 2003-2004 Annual Faculty Development Initiative Program (FDIP) grant.
 The purpose of this project was to develop and test a novel method of course delivery using electronic media to university students.
Funding agency: University of Houston
 Role: Co-principal Investigator

Under review:

NIH RC1: Increasing healthy food access and affordability in underserved populations
 Role: PI

NIH RC1: CATCH UP Brownsville: An obesity prevention program for preschoolers.
 Role: PI

NIH R01: CATCH PRO Kids: Efficacy of an obesity prevention program for preschool children.
Role: Principal Investigator

RESEARCH PUBLICATIONS AND PRESENTATIONS:

a. Articles Published/In Press/Under review in Peer Review Journals:

*Jones D, Hoelscher DM, Kelder SH, Hergenroeder A, **Sharma SV**.* Increasing Bone Health through Physical Activity in Adolescent Girls – An assessment of IMPACT Intervention Effects on Weight Bearing (WBPA) and Moderate to Vigorous Physical Activity (MVPA). International Journal of Behavior, Nutrition and Physical Activity, 2008, 5:42.

Sharma SV, Hoelscher DM, Kelder SH, Diamond, P, Day RS, Hergenroeder A. A path analysis to identify the psychosocial factors influencing physical activity and bone health in adolescent girls: A cross-sectional study. Journal of Physical Activity and Health, In press.

Sharma SV, Hoelscher DM, Kelder SH, Day RS, Hergenroeder A. Psychosocial, environmental and behavioral predictors of calcium intake, physical activity and bone health in middle-school girls. Health Education Research. Published March 21 2008.

Sharma SV, Day RS, Gernand A. Nutrition knowledge predicts eating behavior of all food groups except fruits and vegetables among adults in the Paso Del Norte region in Texas. Journal of Nutrition Education and Behavior. Nov.2008, vol. 40, issue 6: 361-368.

Sharma SV, Bush JA, Lorino AJ, Knoblauch M, Abuamer D, Blog G, Bertman D.

Diet and cardiovascular risk factors in a university marching band: The UH Marching Band Study. Journal of International Society of Sports Nutrition. 2008, 5:9 .

*Olvera N, Knox B, Scherer R, Maldonado G, **Sharma SV**, Alastuey L, Bush JA.* BOUNCE : Design and Implementation Of A Healthy Lifestyle Program for Hispanic Mothers and Daughters. American Journal of Health Education. September 2008, vol 39, no. 5.

*Olvera N, **Sharma, SV**, Rodriguez, A.* BMI Trends in Low-Income Mexican American Children (ages 4- 12) in Relation to Maternal Overweight. Ethnicity and Disease. 2007 Autumn;17(4):707-13.

*Springer AE, **Sharma SV**, de Guardado AM, Vazquez Nava F, Kelder SH.* Parental monitoring and health risk behavior among public secondary school students in El Salvador. Scientific World Journal 2006; 6: 1810-14.

*Bilodeau, M., Schindler-Ivens, S., Williams, D., Wahi, R., **Sharma, S.**, Clark, J.* EMG frequency content changes with increasing force and during fatigue in the quadriceps femoris muscle in men and women. Journal of Electromyography and Kinesiology, 13 (2003) 83-92.

*D.M. Williams, **S. Sharma**, M. Bilodeau.* Neuromuscular fatigue of elbow flexor muscles of dominant and non-dominant arms in healthy humans. Journal of Electromyography and Kinesiology, 12 (2002) 287-294.

*Bilodeau M, Houck J., Cuddeford T, **Sharma, SV**, Riley N.* Variations in the relationship between the frequency content of EMG signals and the rate of torque development in voluntary and elicited contractions. Journal of Electromyography and Kinesiology, 12 (2002) 137-145.

*Olvera N, Bush JA, **Sharma SV**, Knox B, Scherer R, Maldonado G, Butte N.* The effects of family-based healthy lifestyle intervention for Latino daughters and mothers: The BOUNCE pilot study. Obesity Research, In press

***Sharma SV**, Hoelscher DM, Kelder SH, Diamond P, Day RS, Hergenroeder A.* A path analysis to identify the psychosocial factors influencing calcium intake and bone health in adolescent girls: A cross-sectional study. Journal of the American Dietetic Association, In press.

b. Abstracts

10/09 Annual meeting, American Dietetic Association, Food & Nutrition Conference & Expo in Denver, Colorado. Dietary behaviors and obesity prevalence among preschool-age children from low-income minority populations. **Shreela V. Sharma**, Ann Marie Hedberg.

- 10/09 Annual meeting, American Dietetic Association, Food & Nutrition Conference & Expo in Denver, Colorado. Hedberg, A, Lewis, T, **Sharma, S** . PLANT Gardens: Preschoolers Learn About Nutrition Through Gardens Curriculum Development and Pre-Testing. October 19, 2009 3:00-4:30 PM; Oral presentation.
- 10/09 Annual meeting, American Dietetic Association, Food & Nutrition Conference & Expo in Denver, Colorado. The *Skip To Breakfast* project: development, implementation, and evaluation of an intervention to increase healthful breakfast consumption among fifth grade students and their families. *Heather Hochberg-Garrett, Deanna M. Hoelscher, Shreela V. Sharma*.
- 6/09 Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA)
Components of an obesity prevention program for preschool-age children from low-income families: The Coordinated Approach to Child Health in Underserved Populations (CATCH UP) program. **Shreela Sharma**, *Steven H. Kelder, Ann Marie Hedberg*
- 6/09 Annual meeting, International Society of Behavior, Nutrition and Physical Activity (ISBNPA)
A qualitative evaluation of dietary and physical activity habits of preschool-age children from minority, low-income families: Results of focus groups with parents of children enrolled in Head Start. **Shreela Sharma**, *Ann Marie Hedberg, Tamara Lewis*
- 10/08 2008 Annual NAASO meeting, October 2008.
The relationship between junk food consumption and sedentary behavior among 3rd and 4th grade children in Texas. **Shreela Sharma**, *Julie Garza, Deanna Hoelscher, Steve Kelder, Nancy Murray*.
- 06/08 Accepted for the Annual American Public Health Association (APHA) meeting, October 2008.
A path analysis to identify the psychosocial factors influencing calcium intake and bone health in adolescent girls. **Shreela Sharma**, *Deanna Hoelscher, Steven Kelder, Pamela Diamond, R.Sue Day, Albert Hergenroeder*.
- 12/07 Accepted at the International Congress of Dietetics.
Nutrition knowledge predicts eating behavior of all food groups except fruits and vegetables among adults in the Paso Del Norte region in Texas. **Shreela Sharma**, *R.Sue Day, Alison Gernand*.
- 06/07 International Society of Behavior, Nutrition and Physical Activity (ISBNPA), annual meeting 2007.
A path analysis to identify the psychosocial factors influencing physical activity and bone health in adolescent girls: A cross-sectional study." **Shreela Sharma**, *Deanna Hoelscher, Steven Kelder, Pamela Diamond*.

- 07/06 The International Society of Behavior, Nutrition and Physical Activity (ISBNPA), annual meeting 2006.
Psychosocial and environmental predictors of calcium intake, physical activity and bone health in adolescent girls". **Shreela Sharma**, *Deanna Hoelscher, Steven Kelder, Pamela Diamond*.
- 05/06 The American College of Sports Medicine (ACSM), 2006.
Dietary factors and their risk factors for CVD in an urban university marching band. **Shreela Sharma**, *Jill Bush, Andrew Lorino*.
- 05/06 The American College of Sports Medicine (ACSM), 2006.
Characteristics, correlates and perceptions of cardiovascular health in an urban university marching band. *Jill Bush, Andrew Lorino, **Shreela Sharma**, Mark Knobloch, Jada Hallmark, Diana Abuamer, Gabriel Blog, David Bertman, Marc McMartin*.
- 12/05 The American Public Health Association (APHA) conference, 2005.
Psychosocial and environmental predictors of calcium intake, physical activity and bone health in adolescent girls. **Shreela Sharma**, *Deanna Hoelscher, Steven Kelder, Pamela Diamond*.
- 11/05 The University of Texas, Research Day 2005.
Psychosocial and environmental predictors of calcium intake, physical activity and bone health in adolescent girls. **Shreela Sharma**, *Deanna Hoelscher, Steven Kelder, Pamela Diamond*.
- 11/03 The University of Texas 2003 Research Day, 2003.
Knowledge does not predict fruit and vegetable intake among Hispanic Adults – Que Sabrosa Vida. **Sharma. S.**, *Day, S.R., Gernand, A.*
- 04/99 The Neurological Rehabilitation conference, Toronto, Canada, 1999.
Contribution of peripheral mechanism to fatigue following a stroke. *Riley.N. Bilodeau M., **Gaitonde S.****
- 11/99 The Society for Neuroscience conference, Miami, 1999.
Changes in neuromuscular fatigue mechanisms with aging. ***Gaitonde S.****, *Bilodeau M.*
- 11/99 The Society for Neuroscience conference, 1999.
Neuromuscular fatigue characteristics of elbow flexor muscles of dominant and non-dominant arms in healthy humans. *Williams D., **Gaitonde S.***, Bilodeau M.*
- 06/98 International Society for Electromyography and Kinesiology (ISEK) conference, Montreal, 1998.
The relationship between EMG power spectrum statistics and the rate of rise in force during electrical stimulation of the elbow flexor muscles. *Bilodeau M., **Gaitonde S.***, Riley N.*

*Please note that the maiden name was Shreela Gaitonde.

Thesis and Dissertation:

Sharma, SV (2005). Psychosocial and environmental predictors of calcium intake, physical activity and bone health in adolescent girls. The University of Texas School of Public Health Library, Ph.D. dissertation

Sharma, SV (1999). Changes in neuromuscular fatigue mechanisms with aging. The University of Iowa Library, M.A. Thesis.

JOURNAL REVIEWER:

Journal of Physical Activity and Health
 Osteoporosis International
 Psychological Reports & Perceptual and Motor Skills
 Preventing Chronic Disease
 Journal of Nutrition Education and Behavior
 Medical Monitor

BOOK CHAPTERS:

Garza JC, Murray NG, **Sharma S**, Drenner K, Tortolero S, Taylor W. Social and psychological wellbeing, physical activity and fitness in youth. In W. van Mechelen (Ed.) *Oxford Textbook of Pediatric Exercise Science and Medicine* (2nd Edition). Oxford, U.K.: Oxford University Press.

TEACHING:**Courses taught and teaching experience:**

01/09	Dietetic Internship Supervised Practice, The University of Texas Health Science Center at Houston, School of Public Health, TX.
8/08	Introduction to Epidemiology, The University of Texas Health Science Center at Houston, School of Public Health, TX.
8/08	Dietetic Research Methods, The University of Texas Health Science Center at Houston, School of Public Health, TX.
8/07	Introduction to Epidemiology, The University of Texas Health Science Center at Houston, School of Public Health, TX.
01/08	Dietetic Internship Supervised Practice, The University of Texas Health Science Center at Houston, School of Public Health, TX.
01/07	Dietetic Internship Supervised Practice, The University of Texas Health Science Center at Houston, School of Public Health, TX.

- 08/06 Community Nutrition, Human Nutrition and Foods. The University of Houston, Houston, TX.
- 08/06 Measurement Techniques in Health and Human Performance. Kinesiology and Health course, The University of Houston, Houston, TX.
- 01/06 Exercise epidemiology. Kinesiology course. The University of Houston, Houston, TX.
- 01/06 Medical Nutrition Therapy – Cardiovascular. Human Nutrition and Foods course, The University of Houston, Houston, TX.
- 08/05 Community Nutrition, Human Nutrition and Foods course. The University of Houston, Houston, TX.
- 08/05 Measurement Techniques in Health and Human Performance. Kinesiology and Health course, The University of Houston, Houston, TX.
- 01/05 Medical Nutrition Therapy – Cardiovascular. Human Nutrition and Foods course, The University of Houston, Houston, TX.
- 01/05 Sports Nutrition, Human Nutrition and Foods course. The University of Houston, Houston, TX.
- 08/04 Community Nutrition, Human Nutrition and Foods course. The University of Houston, Houston, TX.
- 08/04 Introduction to Nutrition, Human Nutrition and Foods course. The University of Houston, Houston, TX.
- 01/04 Introduction to Nutrition, Human Nutrition and Foods course. The University of Houston, Houston, TX.
- 01/04 Sports Nutrition, Human Nutrition and Foods course. The University of Houston, Houston, TX.
- 01/03 Sports Nutrition, Human Nutrition and Foods course. The University of Houston, Houston, TX.

STUDENT ADVISING:

Doctor of Philosophy (PhD) in Public Health:

Committee member, Kathleen Watson, PhD candidate in Behavioral Science

Dissertation supervisor, Mary Sailors, PhD candidate in Epidemiology
Dissertation Committee, Allison Ottenbacher, PhD candidate in Epidemiology

Qualifying examination committee, Ru-Jye Chuang, DrPH student in Health Promotion/Behavioral Sciences

Master of Science in Epidemiology
Carla Mercado, graduated Spring 2008

Masters in Public Health (MPH) Primary Advisor:

Margaret Murray
Tamara Lewis
Riddhi Shukla
Bhavana Konda
Vidyadhar Sripatnana
Sagar Sardesai
Vikash Sinha

MPH Secondary member:

Suarez Jessica, matriculated July 2007
Ayesha Chawdhary, MPH candidate.
Monica Dyer, MPH candidate.
Heather Atteberry, matriculated Spring 2009

ADVISORY BOARDS AND COMMITTEES:

2007 – present Member, Advisory Board, Community Engagement Module, Center for Clinical and Translational Sciences, The University of Texas, School of Public Health.

2007-present Member, Advisory board, The University of Texas, School of Public Health, Dietetic Internship program, Houston.

2007 – present Member, Epidemiology Core Course Development Committee, The University of Texas, School of Public Health, Dietetic Internship program, Houston.

2008-present Member, Search committee for tenure-track Assistant Professor of Health Promotion/Behavioral Sciences and Dietetic Internship program director, UTSPH.

2008-present Member, UTSPH Epidemiology Admissions Committee

INVITED PRESENTATIONS:

04/09 “Practicing health behavior change for diet and physical activity”, The University of Texas, School of Public Health

03/08 “Nutrition as a Social Determinant of Health”, The University of Texas, School of Public Health

09/07 Epidemiology Doctoral Seminar, The University of Texas, School of Public Health - “A path analysis to identify the psychosocial factors influencing physical activity and bone health in adolescent girls.” **Shreela Sharma.**

- 06/07 International Society of Behavior, Nutrition and Physical Activity (ISBNPA), Paper presentation – “A path analysis to identify the psychosocial factors influencing physical activity and bone health in adolescent girls: A cross-sectional study.” **Shreela Sharma, Deanna Hoelscher, Steven Kelder, Pamela Diamond.**
- 07/06 The International Society of Behavior, Nutrition and Physical Activity (ISBNPA), Poster presentation - “Psychosocial and environmental predictors of calcium intake, physical activity and bone health in adolescent girls”. **Shreela Sharma, Deanna Hoelscher, Steven Kelder, Pamela Diamond.**
- 05/06 The American College of Sports Medicine (ACSM), Poster presentation - “Dietary factors and their risk factors for CVD in an urban university marching band”. **Shreela Sharma, Jill Bush, Andrew Lorino.**
- 05/06 The American College of Sports Medicine (ACSM), Poster presentation - “Characteristics, correlates and perceptions of cardiovascular health in an urban university marching band”. *Jill Bush, Andrew Lorino, Shreela Sharma, Mark Knoblach, Jada Hallmark, Diana Abuamer, Gabriel Blog, David Bertman, Marc McMartin.*
- 03/06 Sharma SV. *Combating childhood obesity - alternative strategies to sedentary behaviors for children and adolescents.* Symposium on the obesity epidemic, The University of Houston, Houston, TX.
- 12/05 The American Public Health Association (APHA) conference, Poster presentation - “Psychosocial and environmental predictors of calcium intake, physical activity and bone health in adolescent girls”. **Shreela Sharma, Deanna Hoelscher, Steven Kelder, Pamela Diamond.**
- 11/05 The University of Texas, Research Day 2005. Poster presentation - “Psychosocial and environmental predictors of calcium intake, physical activity and bone health in adolescent girls”. **Shreela Sharma, Deanna Hoelscher, Steven Kelder, Pamela Diamond.**
- 06/05 Epidemiology Proposal Writing, The University of Texas, School of Public Health. Quasi-experimental study designs. **Shreela Sharma.**
- 03/05 Annual ADA Dietetic Educators Practice (DEP) group meeting (DEP IV area meeting), Houston, TX. Management plans for the University of Houston Dietetic Internship - what has worked for us and why. **Sharma SV**
- 02/05 Preceptor training seminar held by the UH Dietetic Internship program, Houston, TX. Preceptors guide to training dietetic interns. **Sharma SV.**
- 08/04 The University of Houston Athletic Department, Houston, TX. Nutrition in Exercise and Sports. **Sharma SV.**

- 11/03 The University of Texas 2003 Research Day, 2003. Poster presentation - "Knowledge does not predict fruit and vegetable intake among Hispanic Adults – Que Sabrosa Vida". **Sharma. S.**, Day, S.R., Gernand, A.
- 03/03 Preceptor training seminar held by the UH Dietetic Internship program, Houston, TX. Preceptors guide to training dietetic interns. **Sharma SV.**
- 04/99 The Neurological Rehabilitation conference, Toronto, Canada, Poster presentation -"Contribution of peripheral mechanism to fatigue following a stroke". Riley.N. Bilodeau M., **Gaitonde S.***
- 11/99 The Society for Neuroscience conference, Miami, Poster presentation - "Changes in neuromuscular fatigue mechanisms with aging". **Gaitonde S.***, Bilodeau M.
- 11/99 The Society for Neuroscience conference, poster presentation - "Neuromuscular fatigue characteristics of elbow flexor muscles of dominant and non-dominant arms in healthy humans". Williams D., **Gaitonde S.***, Bilodeau M.
- 06/98 ISEK conference, Montreal, poster presentation - "The relationship between EMG power spectrum statistics and the rate of rise in force during electrical stimulation of the elbow flexor muscles". Bilodeau M., **Gaitonde S.***, Riley N.

MEMBERSHIPS:

- 01/07-present International Society of Behavior, Nutrition and Physical Activity
 04/01-present American Dietetic Association
 04/01-present Houston American Dietetic Association
 01/04-present American Public Health Association