



**University of Wisconsin-Madison
School of Medicine and Public Health
Health Disparities Research Scholars Training Program**

Description

Objective: The objective of the Health Disparities Research Scholars (HDRS) Training Program is to provide training at the postdoctoral level in interdisciplinary research that addresses disparities in health status and health outcomes among minority mothers, infants, children and their families in the broadest sense.

Mission: This training program reflects one of several new strategic components of the UW School of Medicine and Public Health's mission. Our mission is to bring together medicine, which traditionally focuses on individual patients and emphasizes molecular, cellular and organ-system perspectives, with public health, which focuses on prevention of illness, promotion of health and addressing disparities in health and health outcomes among underserved communities. To this end, we are developing culturally competent research, education, and training programs; we are identifying pathways to eliminate health disparities among minority and vulnerable populations; and we are adopting interdisciplinary approaches to improving health outcomes through the formation of strategic partnerships among academia, government, and communities in Wisconsin and beyond.

Description: The HDRS Training Program provides interdisciplinary and multifaceted opportunities for research that include not only biomedical and behavioral sciences, but also investigation into quality of care, including cost, access and satisfaction with services; the causes of and barriers to reducing health disparities; attitudes towards health, language spoken, educational level, community profile and socioeconomic status; identification of assessment measures for outcomes, quality and appropriateness of health care services. To address not only the broad array of research areas outlined above but also the interdisciplinary nature of the possible candidates, the HDRS faculty is interdisciplinary and consists of physician scientists, perinatal researchers, sociologists, nurse scientists, nutritional scientists, epidemiologists and economists. The faculty/mentors are drawn from a wide array of departments, disciplines, centers and institutes at the University of Wisconsin Madison Campus and are committed to research directed toward reducing disparities in health. We will provide trainees with knowledge, skills and research experiences through mentorship with experienced investigators combined with an individualized career development plan, guidance, educational plan, role modeling and social support. The program's novel Two Mentor Model requires a team of two faculty mentors for each HDRS scholar, recognizing that successful health disparities research benefits from interdisciplinary expertise, familiarity with and access to both quantitative and qualitative research approaches and tapping biomedical/basic sciences, behavioral and social sciences and demography and epidemiological approaches to examine disparities in health and health outcomes. We are committed to providing an environment that is supportive, academically rewarding, culturally enriching and professionally satisfying.

Individualized Career Development: The HDRS Training Program will provide an Individualized Career Development Plan with activities geared to each scholar's career level, interests, and learning needs. Each plan will be formulated in collaboration with the scholar, the scholar's faculty mentors and the program directors. While each plan and associated coursework will vary, each Scholar will achieve competency in biostatistics, study design, research ethics, scientific presentations, community-academic partnership building and effective communication both verbally and in writing. Course work includes: a short course in clinical research whereby the scholar will be exposed to current topics and issues related to the performance of clinical research; a scientific writing workshop; a community based participatory research (CBPR) seminar series and practicum which will teach strategies for partnering with community organizations to conduct CBPR; and a seminar series on intercultural communication in healthcare. The research component consists of participation in an ongoing research project and mentored development of a new research project. See attached listing of research areas and affiliated faculty mentors.

Program Directors:

Gloria E. Sarto, MD, PhD
Professor, Department of Obstetrics and Gynecology
Scientific Director, Center for the Study of Cultural Diversity in Healthcare
Co-Director of the UW Center for Women's Health Research
UW-Madison, School of Medicine and Public Health

Gloria Johnson-Powell, MD
Associate Dean for Cultural Diversity
Director, Center for the Study of Cultural Diversity in HealthCare
UW School of Medicine and Public Health

Celia Maxwell, MD, FACP
Assistant Vice President of Health Sciences
Director, The Women's Health Institute
Howard University
Visiting Professor, University of Wisconsin

Source of Support:

National Institute of Child Health and Human Development
Grant # T32HD049302-01A2

Application: Interested individuals are invited to complete the attached short application form. If you have any questions, please direct inquiries to Gloria E. Sarto, MD, PhD.

Gloria E. Sarto, MD, PhD
Co-Director: UW Center for Women's Health Research
Scientific Director: Center for the Study of Cultural Diversity in Healthcare
700 Regent Street, Suite 301
Madison, WI 53715
608-262-7573
Fax: 608-265-6423
E-mail: gsarto@wisc.edu



CENTER FOR THE STUDY OF
CULTURAL DIVERSITY IN HEALTHCARE
UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH



UNIVERSITY OF WISCONSIN
**Center for Women's
Health Research**
a National Center of Excellence in Women's Health

**University of Wisconsin-Madison
School of Medicine and Public Health
Health Disparities Research Scholars Training Program**

APPLICATION for July 1, 2007

Due May 1, 2007

Name _____

Address _____

Email _____

Phone _____ FAX _____

Please provide a brief description of your health disparity related research interests and/or career goals in 250 words or less:

Include up to two of your research publications.

Attach a current CV.

Submit application materials on or by May 1, 2007 to:

Gloria E. Sarto, MD, PhD
Scientific Director, Center for the Study of Cultural Diversity in Healthcare
700 Regent Street
Suite 301
Madison, WI 53715
gsarto@wisc.edu

Applications may be submitted via regular mail or email, but will only be considered if received on or before May 1, 2007. Eligible candidates will receive a comprehensive packet of information detailing program specifics and will be asked to complete a more thorough application for final review.

Faculty on the Health Disparities Research Scholars Training Program

Area 1: Biomedical: Basic and Clinical		
Primary Mentors and Other Members of Mentor Teams	Discipline	Research
<u>David Abbott, PhD</u>	OB/GYN, Wisconsin Regional Primate Center	Proximate mechanisms regulating female reproductive success; ovarian dysfunction in prenatally androgenized and obese female rhesus monkeys
<u>Allan, Attie, PhD</u>	Professor of Biochemistry and Veterinary Medicine	Molecular genetics of diabetes & insulin resistance; cell biology of lipoprotein assembly
<u>Ian Bird, PhD</u>	OB/GYN - Perinatal Research Division	Steroidogenesis, uterine blood flow and dysregulation
<u>Christopher Coe, MD</u>	Psychology – Waisman Center	Influence of fetal weight gain and infant birth weight on postnatal growth and later reproductive health, nonhuman primate models
<u>Thaddeus Golos, PhD</u>	OB/GYBN, National Primate Research Center	Early pregnancy and placental development, nonhuman primate models
<u>Ronald R. Magness, PhD</u>	OB/GYN – Pediatrics, Perinatal Research Division	Endothelial-derived vasodilators in pregnancy, uterine and placental angiogenesis
Jing Zheng, PhD	OB/GYN, Perinatal Research Laboratories	Cellular and molecular mechanisms that regulate angiogenesis and endothelial cell function
<u>Dale Schoeller, PhD</u>	Nutritional Sciences	Energy metabolism and human obesity, body composition, and stable isotope techniques for macronutrient metabolism.
<u>Linda Schuler, PhD, VDM</u>	Comparative Biosciences, School of Veterinary Medicine	Interactions of prolactin and related hormones with other growth factors at fetal and maternal targets during pregnancy.
<u>Dinesh Shah, MD</u>	OB/Gyn; Maternal Fetal Medicine	Preeclampsia in a primigravid pregnancy
<u>James Stewart, MD</u>	Oncology	Breast cancer, cancer related pain
Area 2: Behavioral/Education/Social Demography/Social Epidemiology		
<u>Alex Adams, PhD</u>	Family Medicine	Cardiovascular disease and obesity prevention in American Indian children
<u>Roseanne Clark, PhD</u>	Psychiatry	Post-partum depression and its effect upon infant and childhood development
Audrey Tluczek, RN, PhD	Psychiatry	Effects of a chronic debilitating disease in a child upon the parent-child relationship and childhood development
<u>Susan Nitzke, PhD</u>	Nutritional Sciences	Development and evaluation of techniques to improve nutrition education
<u>Michael Fleming, MD, MPH</u>	Family Medicine	Alcohol and drug abuse intervention in primary care
<u>Karin Kirchoff, PhD, RN, FANN</u>	Nursing	Interventions for the critically ill patient
<u>Karen Pridham, PhD, RN</u>	Nursing	Caregiving competence in families with special needs infants
Sandra Magana, PhD	Social Work	Cultural variation of caregiving
Sherrill Sellers, PhD	Social Work	Health of African Immigrants
Kristen Slack, PhD	Social Work	Impact of policy changes on parenting relationships and child outcomes
<u>Maureen Smith, MD, MPH and PhD</u>	Population Health Sciences	Impact of discontinuous insurance