

University of North Texas School of Public Health

Research Collaborative

January 30, 2009

Organization Description of Interests for Collaboration

Name of Organization: UNTHSC – Graduate School of Biomedical Sciences

Description (100 words or less):

Dr. James W., Simpkins is the author of more than 315 publications. His research is focused on the discovery of novel compounds for the treatment of age-related brain disorders, with a particular focus on Alzheimer's disease and stroke. Among his discoveries are the first report of an animal model of menopausal hot flashes, the first report of estrogen neuroprotection, the first report that this potent action of estrogens is not mediated by any of the known estrogen receptors, the first description of the molecular requirements for neuroprotection by estrogens, the discovery that mitochondria are a site of estrogen neuroprotection, the discovery of a novel redox cycle of estrogens that is involved in its potent neuroprotection, and the discovery of Alzheimer's neuropathology soon after an experimental cerebral ischemic event, an effect that is ameliorated by estrogen treatment.

Key Areas of Interest for Collaboration (Check all that apply and specify as needed)

☐ Cancers (Specify): _____

☒ Cardiovascular Diseases (Specify): Stroke Protection

☐ Diabetes/Obesity (Specify): _____

☐ Asthma/Respiratory Diseases (Specify): _____

☐ Other Diseases/Conditions: (Please list and specify):

We are assessing the effects of clinically used estrogens and novel synthetic non-feminizing estrogens in animal models as well as in an FDA approved intervention trial.

☐ Access to Care (Specify): _____

☐ Quality of Care (Specify): _____

☐ Cost of Care (Specify): _____

☐ Populations of Interest (Please list and specify):

☒ Other (Please list and specify):

Aging and Alzheimer's Disease Drug discovery

Use of mitochondrial enhancers for the treatment of hot flashes in post-menopausal women.

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January 30, 2009

Organization Description of Interests for Collaboration

Name of Organization: UNTHSC – Texas Center for Health Disparities

Description (100 words or less):

The Texas Center for Health Disparities (TCHD), an NIH-designated EXPORT center was established in September 2005 to prevent, reduce and eliminate health disparities in our communities through research, education and community relations. The center focuses on basic science, public health and clinical research in diabetes, cardiovascular diseases, cancer, stroke and HIV. As part of our education and training activities, the STAR (Steps Toward Academic Research) Fellowship Program offers faculty from minority undergraduate institutions a full year of collaborative training and interaction with faculty from the UNTHSC and other institutions, directed toward fostering Health Disparities Research Initiatives. Ten faculty members are selected each year to join the STAR Fellowship Program each year, while maintaining their regular faculty positions. Our outreach activities include the Aintie Tia program with Fort Worth-Dallas Birthing Project and Prostate Screening Project with Methodist Dallas Hospital. An annual conference on health disparities is organized every year. The Fourth Annual Texas Conference on Health Disparities will be held at the University of North Texas Health Science Center, on May 28 and 29, 2009

Key Areas of Interest for Collaboration (Check all that apply and specify as needed)

☒ Cancers (Specify): _____

☒ Cardiovascular Diseases (Specify): _____

☒ Diabetes/Obesity (Specify): _____

☒ Asthma/Respiratory Diseases (Specify): _____

_____ Other Diseases/Conditions: (Please list and specify):

_____ Access to Care (Specify): _____

_____ Quality of Care (Specify): _____

_____ Cost of Care (Specify): _____

☒ Populations of Interest (Please list and specify):

_____ URM

_____ Other (Please list and specify):

Texas Center for Health Disparities



WHO WE ARE

In 2005 The National Center on Health and Health Disparities (NCMHD) awarded the University of North Texas Health Science Center \$7.25 million five year grant entitled "Texas Center for Minority Health, Education, Research and Outreach" to establish and run a comprehensive center of Excellence in Partnerships for Community Outreach, Research on Health Disparities and Training (EXPORT). UNTHSC has been a leader among the health science centers in Texas in training minority biomedical scientists and in developing innovative programs specifically tailored to Texas minority populations. As part of our commitment to combat the problem of health disparities and promote educational and training activities for underrepresented minorities, the University of North Texas Health Science Center has established the Texas Center for Health Disparities (TCHD).

WHAT WE DO

At Texas Center for Health Disparities our vision is to augment and strengthen our infrastructure and capacity to conduct basic, clinical and behavioral research aimed at eliminating health disparities that exist in the racial and ethnic minorities in Texas, as well as to develop collaborative research, education and community outreach activities with our partner underrepresented minority (URM) institutions.

Some of our Activities include:

- (1) Conduct research on health disparity areas that exist in Texas minorities such as diabetes, cardiovascular diseases, cancer, stroke and HIV.
- (2) Provide unique opportunities for minority students and faculty from URM institutions in health disparity research.
- (3) Promote education of students in health professions, health care practitioners and policy makers on the existence of health disparities and the need to combat the problem.
- (4) Serve as a resource for the minority communities to disseminate health information, promote community participation in health education and research, and to implement disease prevention activities.

For more information visit:

<http://www.hsc.unt.edu/HealthDisparities>

Email: TCHD@hsc.unt.edu