



The School of Rural Public Health
Texas A&M Health Science Center

Annual Research Report

Calendar Year 2012

*The mission of the School of Rural Public Health is to improve the health of communities, with emphasis on rural and underserved populations, through education, **research**, service, outreach and creative partnerships.*

Message from the Interim Dean

At the School of Rural Public Health (SRPH), our goal is to improve the health of communities through education, service, outreach and research. One of the strategies we employ is the development of creative partnerships to enhance our effectiveness in working toward that goal. Nowhere is the impact of those partnerships more evident than in our research activities.

This report presents an overview of the SRPH research portfolio including a listing of our Board of Regents approved research centers, dedicated research programs, research projects, and publications. As highlighted in this report, SRPH research endeavors and extramural funding are diverse, addressing a myriad of some of the most pressing public health issues such as prevention research to reduce health disparities in rural and underserved communities, public health and emergency preparedness and response, innovative methods to increase physical activity and combat obesity in children, interventions to promote healthy aging and decrease chronic diseases, development of novel approaches to cancer prevention and survivorship, health organization transformation through creative industry partnerships, the impact of water quality on pregnancy outcomes, asthma education, lifestyle interventions and diabetes, reduction in food insecurity, and tobacco use prevention and cessation.

Recognizing the importance of disseminating research findings, our faculty published over 125 full articles in 2012 in a wide range of public health journals and related disciplines. A full listing is included in this report. Finally, we would also like to recognize our students and former students who served as first authors or co-authors on numerous papers. We strongly believe that education and research go hand-in-hand, and the investment in training the next generation of public health researchers will lead to better health for populations across Texas, the United States, and the world.

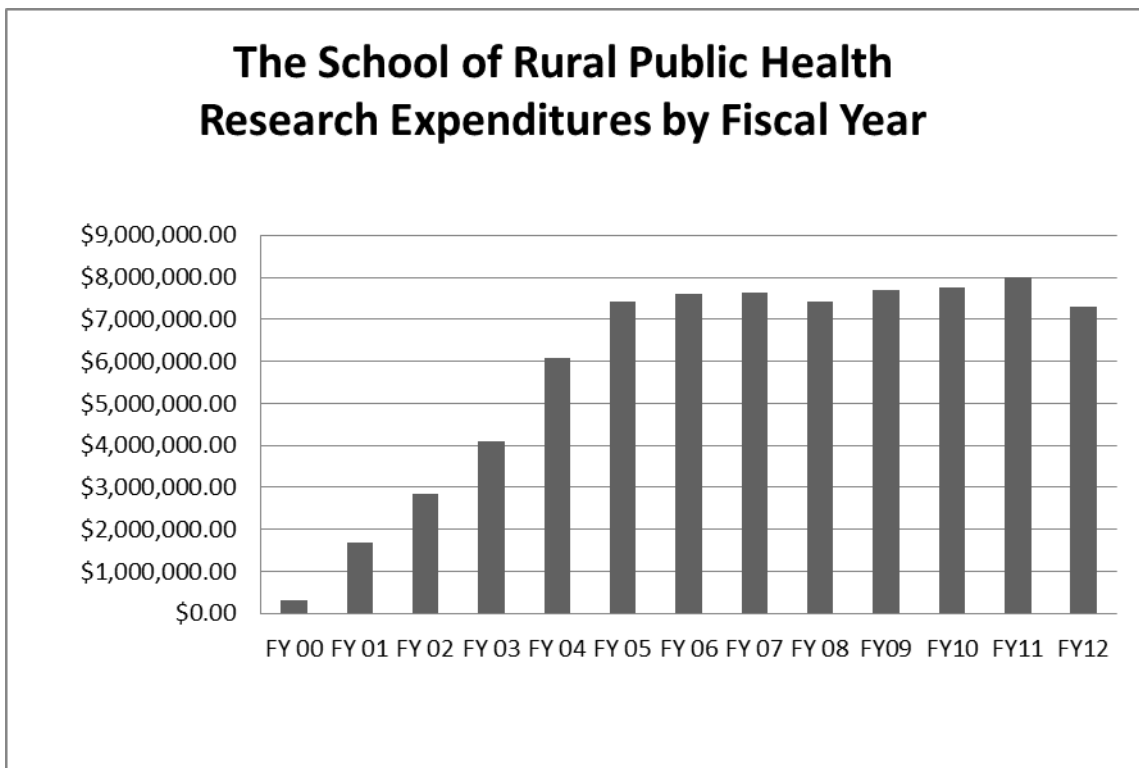
James N. Burdine, DrPH, *Interim* Dean
School of Rural Public Health
Texas A&M Health Science Center



Report prepared by Linnae Hutchison, MBA, MT, Assistant Director for Research, Scott Horel, MA, Program Coordinator, and Jean Brender, PhD, RN, Associate Dean for Research. For further information, please contact Dr. Brender at jdbrender@srph.tamhsc.edu.

RESEARCH EXPENDITURES BY FISCAL YEAR

Despite the economic challenges that have reduced federal, state, and private funding sources while simultaneously increasing competition for these same dollars, SRPH research expenditures have remained relatively the same for the past 7 years. One reason for this relative stability is the aggressive pursuit of creative partnerships and collaborations, a hallmark of the school's mission. This approach is exemplified by a diversified funding portfolio which includes not only traditional federal funding sources such as the National Institutes of Health (NIH), Center for Disease Control and Prevention (CDC), Health Resources and Services Administration (HRSA), and Agency for Healthcare Research and Quality (AHRQ), but also a variety of state agencies, community collaborations, and private foundations.



BOARD OF REGENTS APPROVED CENTERS

Center for Community Health Development (CCHD): CDC funded Prevention Research Center (PI: Kenneth McLeroy, PhD, Regents & Distinguished Professor; Co-PI: James Burdine, DrPH; Director: Monica Wendel, DrPH)

Center for Health Organization Transformation (CHOT): NSF Industry/University Cooperative Research Centers Program (PI and Director: Larry Gamm, PhD, Regents Professor)

Southwest Rural Health Research Center (SRHRC): established with funding initially from The Federal Office of Rural Health Policy (Director: Jane Bolin, PhD, JD, RN)

USA Center for Rural Public Health Preparedness (USA Center): CDC funded Center for Public Health Preparedness (PI and Director: Barbara Quiram, PhD)

The Ergonomics Center :
CDC and other externally supported Center (PI and Director: Jerry Congleton, PhD*/Mark E. Benden, Ph.D.)
*Dr. Congleton served as Director through May 2013.

SRPH PROGRAMS

Program on Healthy Aging: (Director: Marcia Ory, PhD, MPH, Regents & Distinguished Professor)

Program on Aging and Long-Term Care Policy: (Director: Catherine Hawes, PhD, Regents Professor)

Program on Public Health and Water Research: (Contact: Thomas McDonald, PhD)

Program for Research and Outreach Engagement in Nutrition and Health Disparities: (Director: Joseph R. Sharkey, PhD, MPH, RD)

Program for Health Workforce Analysis & Policy: (Director: Ciro V. Sumaya, M.D., MPHTM, Regents Professor)

Program for Reproductive and Child Health: (Director: Anne Sweeney, PhD)

Program on Health Policy Research
(Interim Director: Jane Bolin, PhD, JD, RN)

KEY RESEARCH AREAS

Aging and health promotion
Aging and disability
Alcohol and drug abuse
Border health
Cancer prevention
Community health development
Community-based participatory research
Chronic disease management
Cost-effectiveness analysis
Ergonomics
Emergency medical preparedness and response
Environmental exposures and birth defects
Environmental health
Food security
Health information systems
Health services research
Health systems research
Health care associated infections
Health care cost and quality
Long-term care and aging policy
Nutrition and obesity
Occupational safety and health
Prevention research
Program Evaluation
Public health training
Quality of life
Reproductive health
Rural disparities
Rural health policy
Rural emergency preparedness and response
Veterans health
Translational research
Tobacco cessation and prevention
Underserved and vulnerable populations
Water quality

SELECTED RESEARCH PROJECTS

- *Prevention Research Center, CDC, PI: McLeroy*
- *Program for Rural and Minority Health Disparities Research, NCMHD, PI: McLeroy*
- *Statewide Evaluation of Childhood Obesity Prevention Policies in Texas, Robert Wood Johnson Foundation, PI: Ory*
- *Central Texas Cancer Prevention and Control Research Network, CDC, PI: Ory*
- *Texas Nutrition and Obesity Policy Research and Evaluation Network Collaborating Center, CDC, PI: Sharkey*
- *Texas Healthy Aging Research Network Collaborating Center, CDC, PI: Sharkey*
- *Nitrates, Nitrites, and Nitrosatable Drugs and Birth Defects, NIH, PI: Brender*
- *Center for Health Organization Transformation, NSF I/UCRC, PI: Gamm*
- *(TECS-PERLC) Training and Education Collaborative System Preparedness & Response Learning Center, CDC, PI: Quiram*
- *Nursing Care Assessment Form Project, Texas HHSC, PI: Phillips*
- *Enhanced Smoking Cessation for University Students (SUCCESS), sub to M.D. Anderson/NCI/NIH (ARRA), PI: Colwell*
- *Standardized Antibiotic Use in Long-term Care (SAUL), AIR, AHRQ, PI: Phillips*
- *Brazos Partnership to Prevent Childhood Obesity Research (Dynamic Classroom), NIH, PI: Benden*
- *Education to Promote Improved Cancer Outcomes, CPRIT, PI: St. John*
- *Enhanced Colorectal Cancer Screening, CPRIT, Co-PIs: McClellan/Bolin*
- *Texas Asthma Control Program, DSHS, PI: Carrillo- Zuniga*

ACTIVE GRANTS & CONTRACTS CY2012

Alexander, James. *East Texas Medical Center (ETMC) Corporate History Project*, East Texas Medical Center (ETMC), \$62,500 (2011-2012) [CHOT].

Benden, Mark. *SBIR: Refining and testing a novel stand-biased desk for the classroom to prevent childhood obesity*, Positive Motion, LLC (prime is CDC), \$50,000 (2011-2012).

Benden, Mark. *Brazos Partnership for Childhood Obesity Research*, NIH-Eunice Kennedy Shriver Institute of Child Health & Human Development, \$402,875. (2012-2013) [ERGO].*

Bolin, Jane. *VA Project ARCH Evaluation, sub to Altarum Institute* (Prime Department of Veterans Affairs), \$280,455 (2011-2012) [SRHRC].

Bolin, Jane, Co-PI (Forjuoh, Sam, PI). *Employing Diabetes Self-Management Models to Reduce Health Disparities in Texas*, Subproject of P20 Grant (PI: McLeroy), NIH/NIMHD, \$1,457,966 (2007-2012) [CCHD].

Bolin, Jane, Co-PI (McClellan, David, PI). *Enhanced Colorectal Cancer Screening in a Family Medicine Residency Program Serving Low-Income & Underserved: Translating Research into Practice*, Cancer Prevention & Research Institute of Texas (CPRIT), \$2,748,008 (2011-2014) [SRHRC].

Bolin, Jane. *Anti-Psychotic Medication Protocol (AMP)*, CHOT member-Lone Star Circle of Care, \$100,000, (2010-2012) [CHOT].

Bolin, Jane. *Rural Healthy People 2020*, (Prevention Research Center funded subproject), CDC, \$88,000 (2011-2014) [CCHD] [SRHRC].

Brender, Jean. *Nitrates, Nitrites, and Nitrosatable Drugs and Risk of Selected Birth Defects*, NIH/NIEHS, \$1,400,117 (2007-2013).

Brender, Jean. *Mining Massive Geographically Referenced Environmental Health Data to Identify Risk Factors for Birth Defects*, subcontract to Texas State University (prime is EPA), \$107,672 (2011-2014).

Carrillo-Zuniga, Genny. *Texas Asthma Control Project*, Texas Department of State Health Services, \$286,103 (2009-2013).

Carrillo-Zuniga, Genny. *Development of an Environmental/Epidemiological Database in Texas-Mexico Border*, Border Environmental Cooperation Commission (BECC), \$50,000 (2012-2013).*

Carrillo-Zuniga, Genny. *Environmental Management Asthma Education to Improve the Quality of Life of Children with Asthma*, subcontract to Texas A&M Kingsville (prime is EPA), \$10,504 (2012-2013).*

Carrillo-Zuniga, Genny. *Integrated Environmental Indoor Management using Healthy Homes and Asthma Education*, EPA, \$50,000 (2012-2014).*

Colwell, Brian. *Youth Tobacco Education Project*, Texas Department of State Health Services, \$489,405 (2003-2013).

Colwell, Brian. *Enhanced Smoking Cessation for University Students (Success II)*. Subcontract to M.D. Anderson (prime is NIH/NCI), \$203,578 (2010-2012).

Congleton, Jerome. *Texas A&M University Occupational Safety & Health Training Program*, NIOSH, \$225,000 (2009-2012) [ERGO].

Congleton, Jerome. *Texas A&M University Occupational Safety & Health Training Program Renewal*, NIOSH, \$225,000 (2012-2017) [ERGO].*

Dowdy, Diane. *Texas Legislators Survey: A T-COPPE Collaborative Effort*, University of Texas Health Science Center School of Public Health (prime is The Robert Wood Johnson Foundation), \$18,000 (2012-2013).

Gamm, Larry. *Center for Health Organization Transformation (CHOT)*, National Science Foundation I/UCRC, \$460,999 (2008-2013) [CHOT].

Gamm, Larry. *Studer & St. Luke's*. St. Luke's CHOT members-St. Luke's, \$50,000 (2011-2012). [CHOT].

Gamm, Larry. *Center for Health Organization Transformation*, Various Memberships, \$762,500 (2009-2013) [CHOT].

Gamm, Larry. *Leveraging a Studer Group Intervention for Continuous Innovation*, Studer Group, \$100,000 (2012-2014) [CHOT].*

Gorman, Dennis. *Development and Validation of Agent Based Models of Alcohol Related Violence*, NIH/NIAAA, \$377,999 (2011-2014).

Hawes, Catherine. *Elder Abuse: Developing Prevalence Measures in Nursing Homes and Residential Care*, \$320,566, NIH/NIA (2007-2012).

Hong, Yan. *Designing and Testing Mobile Application for Older Cancer Survivors to Use Community Resources*, Scott & White Health System, \$50,000 (2011-2013).

Hong, Yan. *A Mobile Application to Promote Physical Activity and Access to Health Information among Seniors in Central and Rural Texas*, National Network of Libraries of Medicine, \$10,000 (2011-2013).

Jiang, Luohua. *Indian Health Services Division of Diabetes Treatment and Prevention (DDTYP) Demonstration Projects Coordinating Center*, subcontract to University of Colorado Denver (prime is Indian Health Services), \$76,692 (2011-2013).

Jiang, Luohua. *Multi-level Analysis of the Translational Effects of Lifestyle Intervention among American Indian and Alaskan Natives*, American Diabetes Association, \$291,974 (2012-2015).*

Lillibridge, Scott. *Western Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Administrative Core*, Subcontract to University of Texas Medical Branch Galveston (prime is NIH), \$438,971 (2007-2014).

McDonald, Thomas. *Building Environmental Awareness for Teachers and Parents in Head Start Centers in Webb County, Texas*, EPA, \$100,000 (2011-2012).

McDonald, Thomas. *Border Environmental Health and Toxicology*, ATSDR, \$750,000 (2009-2013).

McDonald, Thomas. *Public Health Traineeship*, HRSA, \$175,078 (2002-2013).

McDonald, Thomas. *External Safety Support*, TTI, \$30,000, (2010-2013).

McLeroy, Kenneth. *Prevention Research Center (PRC). Center for Community Health Development* 5 year renewal, CDC, \$6.4M (2009-2014) [CCHD].

McLeroy, Kenneth. *Program for Rural and Minority Disparities Research (P20)*, NIH/NIMHD, \$6.8M (2007-2012) [CCHD].

McLeroy, Kenneth (Monica Wendel, Co-PI). *Evaluation of minority youth tobacco education program*. Subcontract to American Legacy Foundation (prime is DHHS), \$235,343 (2011-2014) [CCHD].

McLeroy, Kenneth (Monica Wendel, Co-PI). *Evaluation of Legacy Partnerships for Healthier Communities*, American Legacy Foundation, \$255,886 (2011-2013) [CCHD].

McLeroy, Kenneth. *International Conference to Advance a Population Health Research Agenda*, CDC Conference, CDC, \$152,000 (2011-2012) [CCHD].

Millard, Ann. *Baby Café*, Hidalgo County WIC, \$12,000 (2011-2012).

Millard, Ann. *Breast Feeding Support in Hidalgo County*, Hidalgo County WIC, \$12,000 (2012-2013).*

Millard, Ann. *Loteria De Comadres Contra El Cancer*, subcontract to Mercy Ministries of Laredo (prime is Cancer Prevention Research Institute of Texas [CPRIT]), \$58,072, (2012-2015).*

Millard, Ann. *SKiP (School Kids at Play)-Outdoor Recreation and a Community Coalition*, subcontract to Edinburg Independent School District (prime is Texas Department of State Health Services), \$4,200 (2011-2012).

Millard, Ann. *Safe Cycling to Edinburg Schools*, Edinburg Independent School District, \$4,326 (2012-2013).*

Millard, Ann. *C-HELP: Cancer Health Education and Leveraging Partnership*, subcontract to Lower Rio Grande Valley Community Health (prime is Cancer Prevention and Research Institute of Texas [CPRIT]), \$12,000 (2011-2012).

Ohsfeldt, Robert. *Technology Directed Advanced Radiation Therapy of Lung Cancer*, subcontract to the University of Texas Southwestern Medical Center (prime is CPRIT), \$232,440, (2011-2016).

Ohsfeldt, Robert. *Functional Outcomes in OEF/OIF Veterans with PTSD and Alcohol Misuse*, Central Texas Veterans Administration, \$34,071 (2010-2013).

Ory, Marcia G. *Evaluation of Evidence-Based Disease Prevention Services, Texas Healthy Lifestyles*, subcontract to Texas Department of Aging and Disability Services (prime is AoA, ARRA funded), \$125,618 (2010-2012).

Ory, Marcia G. *Communities Putting Prevention to Work*, subcontract to National Council on Aging (prime is AoA), \$470,000 (2011-2012).

Ory, Marcia G. *Pilot Evaluation of the Chronic Disease Self-Management Program*, subcontract to National Council on Aging (prime is CMS, task order), \$300,297 (2011-2013).

Ory, Marcia G. *Statewide Evaluation of Obesity Policy Prevention Policies in Texas: Texas Safe Routes to School and Increased Healthy Food Access for WIC Clients*, The Robert Wood Johnson Foundation, \$1,001,957 (2008-2013).

Ory, Marcia G. *Community Research Center for Senior Health*, subcontract to Scott & White Health System (prime is NIH/NIA, ARRA funding), \$129,077 (2010-2013).

Ory, Marcia G. *South, West & Central Consortium-Geriatric Education Center of Texas*, subcontract to University of Texas-San Antonio (prime is HRSA), \$150,000, (2010-2015).

Ory, Marcia G. *The Central Texas Cancer Prevention and Control Research Network (CTxCPCRN)*, CDC Special Interest Project, \$1,500,000 (2009-2014) [CCHD].

Ory, Marcia G. *Impact, Sustainability & Scalability of Multi-component Falls Prevention Programs*, CDC Special Interest Project, \$1,321,277 (2011-2013) [CCHD].

Ory, Marcia G. *The Policies, Programs, and Partners for Falls Prevention (PPFP)*, CDC Special Interest Project, \$799,977 (2012-2014) [CCHD].*

Ory, Marcia G. *Developing Partnerships for Delivering Evidence-Based Self-Management Programs*, The Wellcare Foundation, \$100,000 (2012-2013)*

Ory, Marcia G. *Texercise: Evaluating Its Reach and Effectiveness*, Texas Department of Aging and Disability Services (TDADS), \$196,219 (2012-2013).*

Ory, Marcia G. *Increasing Reach and Implementation of Evidence-Based Programs for Cancer Control (PRO)*, subcontract to UTHSC Houston (prime is NIH/NCI), \$27,000 (2012-2013).*

Ory, Marcia G. *Dissemination of Fit & Strong in the Brazos Valley*, Brazos Valley Council of Governments (BVCOG), \$13,541 (2012-2013).*

Ory, Marcia G. *Evidence Based Training and Exercise Services to Seniors in the Brazos Valley*, St. Joseph Health System, \$15,000 (2012-2013).*

Pickens, Adam. *Anti-Fatigue Mat Study*, Let's Gel, Inc., \$24,964 (2012-2013).*

Phillips, Charles D. *Nursing Care Assessment Form Project*, Texas Health and Human Services Commission (TxHHSC), \$927,278 (2010-2014).

Phillips, Charles D. *Standardized Antibiotic Use in Long-term Care Settings*, American Institutes for Research (prime is AHRQ), \$408,575, (2009-2012).

Phillips, Charles D. *Preventing/Managing C.diff for Nursing Homes Residents, Admissions, and Discharges*, AHRQ, \$1,378,315 (2010-2013).

Quiram, Barbara. *Training & Education Collaborative System - Preparedness and Emergency Response Learning Center (TECS PERLC)*, CDC, \$4,688,285 (2010-2015) [USA].*

Quiram, Barbara. *Texas Public Health Training Center*, 5 year renewal, The University of Texas Health Science Center School of Public Health, subcontract to UTHSC Houston (prime is HRSA), \$855,000 (2010-2015).

Quiram, Barbara. *Retrospective Review of the Texas Medicare Rural Hospital Flexibility Program (FLEX)*, Texas Department of Rural Affairs (TDRA), \$18,259 (2011-2012) [USA].

Quiram, Barbara. *Region 6/5S Hazard Risk Assessment*, Texas Department of Health and Human Services, \$71,917 (2012-2013) [USA]*

Quiram, Barbara. *H-RAMP: Hazard Risk Assessment and Mitigation Plans*, Texas Department of Health and Human Services (DSHS), \$492,581 (2012-2013) [USA].*

Radcliff, Tiffany. *Rerouting Non-Emergency Patients from the Emergency Department (ED) to a Rural Health Clinic (RHC) within East Texas Medical Center Regional Health System (ETMC)*, ETMC, \$50,000, (2012-2013) [CHOT].*

Radcliff, Tiffany. *Rural Lifestyle Intervention Treatment Effectiveness Trial (Rural LITE)*, subcontract to the University of Florida, (prime is NIH) \$33,841, (2010-2013).

Radcliff, Tiffany. *VEMEC IPA: VA Emergency Management and Evaluation Center Interagency Personnel Agreement*, U.S. Department of Veteran's Affairs, \$96,489 (2011-2014).

Rene, Antonio. *University Affiliation for Principles of Military Preventative Medicine Program of Instruction*, DOD-Army-U.S. Medcom-center for Health Care Contracting, \$534,466 (2008-2012).

Sharkey, Joseph R. *Behavioral and Environmental Influence on Obesity: Rural Context & Race/Ethnicity*, subproject of P20 Grant (PI: McLeroy), \$1,455,000, NIH/NIMHD, (2007-2013) [CCHD].

Sharkey, Joseph R. *Texas Healthy Aging Research Network (TxHAN)*, CDC Special Interest Project, \$375,000, (2009-2014) [CCHD].

Sharkey, Joseph R. *Texas Nutrition and Obesity Policy Research and Evaluation Network (TxNOPREN)*, CDC Special Interest Project, \$227,140 (2009-2013) [CCHD].

Sharkey, Joseph R. *Texas Nutrition and Obesity Policy Research and Evaluation Network (TxNOPREN)*, CDC Special Interest Project Renewal, \$140,000 (2012-2014) [CCHD].*

Sharkey, Joseph R. *Prevention Research Center (Center PI: McLeroy) Core Research Project-Working with Rural and Underserved Communities to Promote a Healthy Food Environment: Mixed Methods Approach*, CDC, \$1,411,257 [CCHD].

Sharkey, Joseph R. *Understanding Very Low Food Security among Children of Mexican Origin: The Circumstances of Mexican Origin Families in Texas*, University of Kentucky Center for Poverty Research (prime is USDA), \$100,000 (2012-2014).*

Sharkey, Joseph R. *Increasing Food Security Among Mexican-Origin Seniors in Texas Border Colonias: Promotoras as Agents of Change in Southwestern Texas*, The AARP Foundation, \$268,974 (2012-2013).*

Shipp, Eva. *Migrant Adolescent Health Research Study*, subcontract to UTHSC Houston (prime is NIOSH), \$66,243 (2010-2012).

Shipp, Eva. *ARRA: Community-Academic Linkages to Build a National Network of Farmworker Research*, subcontract to UTHSC Houston (prime is NIH), \$37,519 (2012-2013).*

Shipp, Eva. *Neuromotor Function and Work Injury Risk among Hispanic Adolescent Farmworkers (a.k.a. The HIP Project)*. The Southwest Center for Agricultural Health Injury Prevention and Education at The University of Texas Health Center at Tyler (prime is NIOSH/CDC), \$724,345 (2011-2016).

St. John, Julie. *ÉPICO: Education to Promote Improved Cancer Outcomes*, Cancer Prevention Research Institute of Texas (CPRIT), \$487,589 (2011-2013) [CCHD].

Sweeney, Anne. *Trisomy 18 Project*, TAMHSC and SRPH, \$45,370 (2011-2013).

Sweeney, Anne. *Air Pollution Exposure on Ovarian Function*, The EMMES Corporation, \$26,136 (2011-2012).

Sweeney, Anne. *Validation of Retrospectively Reported Time-to-Pregnancy Data Coordinating Center*, The EMMES Corporation, \$228,432 (2011-2012).

Wendel, Monica and Clark, Heather. *Evaluation of the Shellbrook Intervention*, Aids Foundation of Houston, \$120,178 (2011-2013) [CCHD].

Wendel, Monica. *Evaluation of the Leon Health Access Network*, Leon County, \$57,379 (2007-2012) [CCHD].

Wendel, Monica. *Williamson County and Cities Health District (WCCHD) Assessment*, \$35,000, WCCHD (2012) [CCHD].*

Wendel, Monica. *Evaluation of the Madison Outreach and Services through Telehealth Network*, Madison County Government, \$112,599 (2012-2015) [CCHD].*

Wendel, Monica. *Evaluation of a Telehealth Pilot Project in the Brazos Valley*, Brazos Valley Council of Governments (BVCOG), \$56,023, (2011-2012) [CCHD].

Wendel, Monica. *Using a Community Health Development Approach to Increase Access to Opportunities for Physical Activity (Prevention Research Center Core Research Project #2)*, CDC, \$140,155 (2011-2014) [CCHD].

Zhao, Hongwei. *A Unified Approach of Cost-Effectiveness Analysis*, subcontract to UC Davis (prime is NIH), \$249,686 (2009-2013).

Projects Key:

* Denotes newly granted in CY2012.

[] Denotes Center affiliated projects"

[CCHD] = Center for Community Health Development

[CHOT] = Center for Health Organization Transformation

[ERGC] = The Ergonomics Center

[SRHRC] = Southwest Rural Health Research Center

[USA] = USA Center for Rural Public Health Preparedness

PUBLICATIONS CY2012*

(1) Ahn S*, Hochhalter AK, **Moudouni DK***, Smith ML, **Ory MG**. Self-reported physical and mental health of older adults: the roles of caregiving and resources. *Maturitas*. 2012 Jan;71(1):62-69.

(2) Ahn S*, Smith ML, Dickerson JB, **Ory MG**. Health and health care utilization among obese and diabetic baby boomers and older adults. *American Journal of Health Promotion*. 2012 Nov-Dec;27(2):123-132.

(3) Ahn S, Smith ML, **Ory MG**. Physicians' discussions about body weight, healthy diet, and physical activity with overweight or obese elderly patients. *Journal of Aging and Health*. 2012 Oct;24(7):1179-1202.

(4) Ahn S*, **Zhao H**, **Tai-Seale M**, Huber C, Jr, Smith ML, **Ory MG**, **Phillips CD**. The longitudinal effects of behavioral, health, and socio-demographic factors on body mass index among older Chinese adults. *International Journal of Public Health*. 2012 Apr;57(2):269-277.

(5) Appiah B*, Gastel B, **Burdine JN**, Russell LH. The future of science journalism in Ghana: evidence-based perspectives. *Journal of Scientific Communication*. 2012;11:1.

(6) Arandia G*, Nalty C*, **Sharkey JR**, **Dean WR**. Diet and acculturation among Hispanic/Latino older adults in the United States: a review of literature and recommendations. *Journal of Nutrition in Gerontology and Geriatrics*. 2012;31(1):16-37.

(7) Bang H, **Zhao H**. Average cost-effectiveness ratio with censored data. *Journal of Biopharmaceutical Statistics*. 2012;22(2):401-415.

(8) Bang H, **Zhao H**. Median-Based Incremental Cost-Effectiveness Ratio (ICER). *Journal of Statistical Theory and Practice*. 2012 09/01;6(3):428-442.

(9) Bazer FW, Kim J, Song G, Ka H, **Tekwe CD**, Wu G. Select nutrients, progesterone, and interferon tau affect conceptus metabolism and

development. *Annals of the New York Academy of Sciences*. 2012 Oct;1271:88-96.

(10) **Benden M**, Fink R, Stafford J*. Teen Driver Cell Phone Blocker, Final Report. Texas Transportation Institute 2012 February 2012;UTCM Project #10-15-47.

(11) **Benden M**, Smith ML, Henry M, **Congleton JJ**. Reviewing four decades of cell phone use while driving literature (1970-2010): An emphasis on texting behaviors, parental perceptions, and methods of control. *Journal of Health Behavior and Public Health*. 2012;2(2):20-26.

(12) **Benden M**, **Wendel M**, Jeffrey C*, **Zhao H**, Morales M*. Within-Subjects Analysis of the Effects of a Stand-Biased Classroom Intervention on Energy Expenditure. *Journal of Exercise Physiology*. 2012;15(2):9-19.

(13) **Benden ME**, Miller K*, Wilke E, Ibarra E. A New Method for Selecting the Best Design. *Ergonomics in Design: The Quarterly of Human Factors Applications*. 2012 January 01;20(1):11-17.

(14) Blake JJ, **Benden ME**, **Wendel ML**. Using stand/sit workstations in classrooms: lessons learned from a pilot study in Texas. *Journal of Public Health Management and Practice*. 2012 Sep-Oct;18(5):412-415.

(15) Brega AG, Ang A, Vega W, Walters K, **Jiang L**, Beals J, Mitchell CM, Moore K, Roubideaux Y, Acton KJ, Manson SM. Mechanisms underlying the relationship between health literacy and glycemic control in American Indians and Alaska Natives. *Patient Education and Counseling*. 2012 Jul;88(1):61-68.

(16) Brega AG, **Jiang L**, Beals J, Manson SM, Acton KJ, Roubideaux Y. Special diabetes program for Indians: reliability and validity of brief measures of print literacy and numeracy. *Ethnicity & Disease*. 2012 Spring;22(2):207-214.

(17) **Brender JD**, Werler MM, Shinde MU*, Vuong AM*, Kelley KE, Huber JC, Jr, **Sharkey JR**, Griesenbeck JS, Romitti P, Malik S, Suarez L, Langlois PH, Canfield M and the National Birth Defects Prevention Study. Nitrosatable drug exposure during the first trimester of pregnancy and selected congenital malformations. *Birth Defects Research*

Part A: Clinical and Molecular Teratology. Academy of Sciences. 2012 Sep;94(9):701-713.

(18) Brooks E, Novins DK, Thomas D, **Jiang L**, Nagamoto HT, Dailey N, Bair, B, Shore JH. Personal characteristics affecting veterans' use of services for posttraumatic stress disorder. *Psychiatric Services*. 2012 Sep 1;63(9):862-867.

(19) Buchanan RJ, Johnson O, **Zuniga MA**, **Carrillo-Zuniga G**, Chakravorty BJ. Health-related quality of life among Latinos with multiple sclerosis. *Journal of Social Work in Disability & Rehabilitation*. 2012;11(4):240-257.

(20) Buck Louis GM, Sundaram R, Schisterman EF, **Sweeney AM**, Lynch CD, Gore-Langton RE, Chen Z, Sungduk K, Caldwell K, Boyd-Barr D. Heavy metals and couple fecundity, the LIFE Study. *Chemosphere*. 2012 Jun;87(11):1201-1207.

(21) **Burdine J**, **Clark H**, Appiah B*, Shea L*, Hollas C*. *Health assessment in rural communities: a critical organizing and capacity building tool*. In: Crosby R, Vanderpool R, **Wendel M**, Casey B, editors. Rural Populations and Health: Determinants, Disparities and Solutions. First ed. San Francisco, CA: Jossey-Bass; 2012. p. 171-190.

(22) **Carrillo Zuniga G**, Kirk S*, **Mier N**, **Garza NI**, **Lucio RL**, **Zuniga MA**. The impact of asthma health education for parents of children attending head start centers. *Journal of Community Health*. 2012 Dec;37(6):1296-1300.

(23) **Colwell B**, Villarreal SF*, Espinosa EM. Preliminary Outcomes of a Pre-Adjudication Diversion Initiative for Juvenile Justice Involved Youth with Mental Health Needs In Texas. *Criminal Justice and Behavior*. 2012 04/01;39(4):447-460.

(24) Crosby R, **Wendel, ML.**, Vanderpool R, Casey B, Mills L. *Understanding Rural America: A Public Health Perspective*. In: Crosby R, Vanderpool R, **Wendel M**, Casey B, editors. Rural Populations and Health. First ed. San Francisco, CA: Jossey-Bass; 2012. p. 3-23.

(25) Crosby R, **Wendel M**, Vanderpool R, Casey B, Mills L, editors. *Rural Populations and Health*. First ed. San Francisco, CA: Jossey-Bass; 2012.

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