



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

Annual Research Report

Calendar Year 2011

*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 Dean

At the School of Rural Public Health, we aim to improve the health of communities, and one way we accomplish that mission is through our faculty, student, and staff research. In 2011, the School realized its largest expenditures in research since its inception in 1998 with nearly eight million dollars in extramural expenditures. Faculty research interests and extramural funding have ranged from interventions to foster healthy aging, to the impact of water quality on pregnancy outcomes. This report lists our Board of Regents approved research centers, research programs, and key research areas; research projects; and faculty publications. Our faculty were successful in securing several new grants and contracts such as a Centers for Disease Control and Prevention, Small Business Innovation Research (SBIR) program subcontract to test stand-biased desks for the classroom to help prevent childhood obesity (Dr. Mark Benden, principal investigator [PI] on the subcontract); a Centers for Disease Control and Prevention-funded Prevention Research Center Special Interest (SIP) project on a multi-component fall prevention program (Dr. Marcia Ory, PI); and an NIH-funded grant on the development and validation of agent-based models of alcohol related violence (Dr. Dennis Gorman, PI). We are particularly excited that our faculty and staff were instrumental in procuring three new projects through the Cancer Prevention Research Institute of Texas (CPRIT) including a prevention project on enhancing colorectal cancer screening in a family medicine program (Dr. Jane Bolin, Co-PI); an education project to improve cancer outcomes in four counties in the Lower Rio Grande Valley (Julie St. John, PI); and a subcontract with the University of Texas Southwestern Medical School regarding technology-directed advanced radiation therapy of lung cancer (Dr. Robert Ohsfeldt, PI on subcontract). A full listing of 200 projects is included in this report.

Recognizing the importance of disseminating research findings, our faculty published over 100 full articles in 2011 in a wide range of public health journals and journals in related disciplines. A full listing is included in this report as well. Along with our faculty and staff, I would also like to recognize our students and former students who served as first authors or co-authors on numerous papers. At our school, we strongly believe that education and research go hand-in-hand, and that 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.

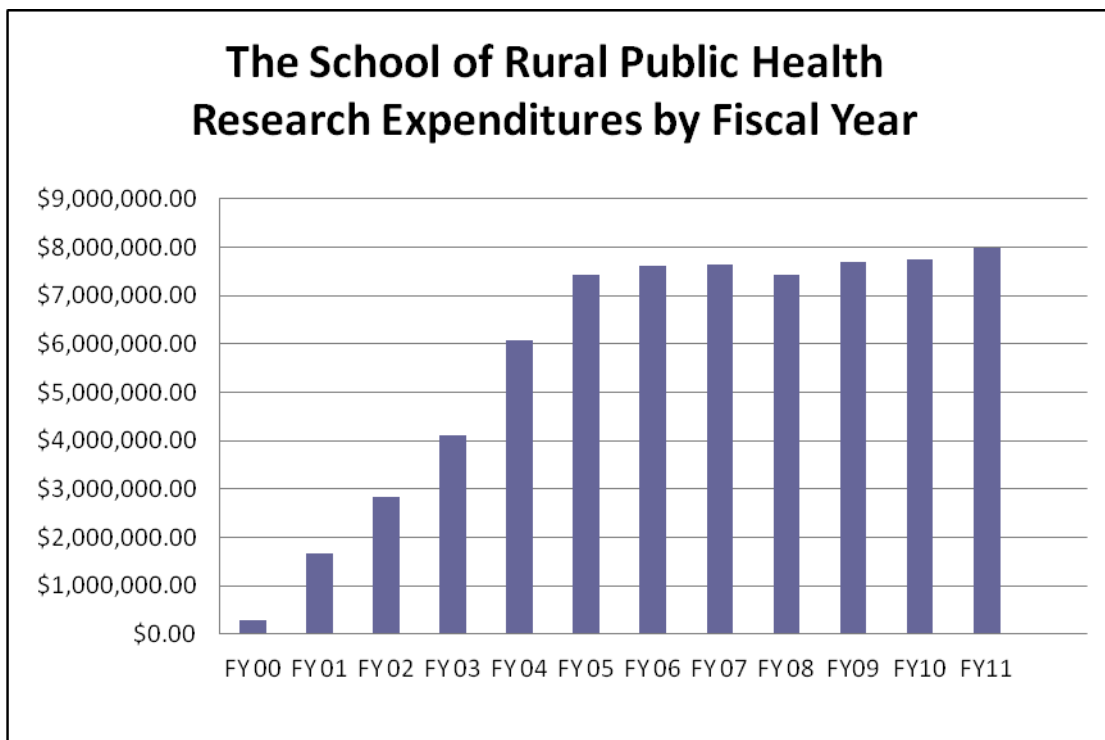
Craig H. Blakely, Ph.D., M.P.H.
Dean, School of Rural Public Health
Texas A&M Health Science Center



Report prepared by Linnae Hutchison, MBA, MT, Academic Business Administrator, 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

The School of Rural Public Health research expenditures have continued to increase annually despite severe economic challenges which have reduced federal and state funding sources while simultaneously increasing competition for these same dollars. One reason for the continued growth in research expenditures is the continued pursuit of creative partnerships, 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, Regent 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, Regent 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 :
Jerry Congleton, PhD (PI and Director)

SRPH PROGRAMS

Program on Healthy Aging: (Director: Marcia Ory, PhD, MPH, Regent Professor)

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

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

Program for Research 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, Regent Professor)

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

Program on GIS and Spatial Statistics:
(Contact: Dennis Gorman, PhD)

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
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*
- *National Evaluation of Evidence Based Programs for Seniors, Administration on Aging, 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*
- *Factors Motivating and Affecting Information Seeking in Health Information Exchange, NIH, PI: Ohsfeldt*
- *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*

ACTIVE GRANTS & CONTRACTS CY2011

Alexander, James. *East Texas Medical Center (ETMC) Corporate History Project*, East Texas Medical Center (ETMC), \$50,000 (2011-2012) [CHOT].*

Benden, Mark. *Teen Driver Cell Phone Blocker*, Texas Transportation Institute (TTI), \$105,396 (2010-2011).

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).*

Bolin, Jane. *VA Project ARCH Evaluation, sub to Altarum Institute* (Prime Department of Veterans Affairs), \$280,455 (2011-2015) [SRHRC].*

Bolin, Jane. *Testing the Implementation and Effectiveness of a Low-Literacy Diabetes Self-Management Kiosk*, The Morris L. Lichtenstein, Jr. Foundation, \$144,082 (2009-2011) [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].

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

Breder, Jean. *ARRA Admin Supplement to Nitrates, Nitrites, and Nitrosatable Drugs and Risk of Selected Birth Defects*, ARRA administrative supplement, NIH/NIEHS, \$281,342 (2009-2011).

Breder, Jean. *Prenatal Exposure to Nitrosatable Drugs and Drinking Water Nitrates and Risk of Selected Birth Defects in Offspring*, National Birth Defects Prevention Study, Texas Department of State Health Services (DSHS), \$20,000 (2011).*

Breder, 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. *Environmental Education in Asthma and Pesticides in the US-Mexico Border*, Border Environment Cooperation Commission (BECC), \$48,000 (2009-2011).

Carrillo Zuniga, Genny. *Texas Asthma Control Project*, Texas Department of State Health Services, \$254,921 (2009-2012).

Côté, Murray. *Nursing Home Value-Based Purchasing Demonstration Project*, subcontract to Abt Associates (prime is CMS), \$71,944 (2010-2011).

Colwell, Brian. *Youth Tobacco Education Project*, Texas Department of State Health Services, \$433,405 (2003-2012).

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

Colwell, Brian. *Family Engagement Evaluation Project (FEDI)*, Texas Juvenile Probation Commission, \$19,255 (2010-2011).

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

Gamm, Larry. *Center for Health Organization Transformation (CHOT)*, National Science Foundation I/UCRC, \$441,000 (2008-2013) [CHOT].

Gamm, Larry. *Electronic Medical Record (EMR) Implementation and Optimization for a Multi-Site Urban and Rural Health System*, CHOT member-Scott & White, \$50,000 (2010-2012) [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, \$600,000 (2009-2012) [CHOT].

Gorman, Dennis. *Development and Validation of Agent Based Models of Alcohol Related Violence*, NIH/NIAAA, \$377,999 (2011-2013).*

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 (2011-2012).*

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 (2011-2012).*

Huber, John C (Chuck). *Genes, Hormones, Growth, and Body Fat: Project Heartbeat*, subcontract to The University of Texas Health Science Center School of Public Health, NIH, \$128,055 (2007-2011).

Huber, John C (Chuck). *Health Care Associated Infections Data Validation*, Texas Department of State Health Services, \$57,000 (2011).*

Johnson, Christopher D. *Capacity for Change and Multi-project Management*, \$300,000, CHOT members-Texas Health Resources and Texas Children's Hospital (2010-2012) [CHOT].

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), \$82,015 (2011-2013).*

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), \$358,176 (2007-2012).

Lillibridge, Scott. *Mandatory Field Training for Health Care Providers Participating in TexMAT-1 Pandemic Influenza Emergency Response*, Texas Department of State Health Services (DSHS), \$305,000 (2011).*

May, Marlynn. *St. Luke's Wimberly Chair*, St. Luke's Hospital, \$79,166 (2009-2011).

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 (2009-2012).

McDonald, Thomas. *Public Health Traineeship*, HRSA, \$158,687 (2002-2012).

McDonald, Thomas. *External Safety Support*, TTI, \$30,000, (2010-2012).

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, \$375,403 (2011-2013) [CCHD].*

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

Mier, Nelda. *Assessing the Built Environment in Colonias to Influence Policy Promoting Physical Activity in Mexican American Children and Families*, The Robert Wood Johnson Foundation, \$75,000 (2009-2011).

Millard, Ann. *Enhancing infrastructure supporting walking: Capacity building with some implementation to improve the health of school children*, Texas Department of State Health Services, \$150,000 (2010-2011).

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

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

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

Miller, Thomas R. *Evaluating the Impact of Expanding a Salary-Based Network of Physicians By Contracting with Fee-for-Service Out-of-Network Physicians: The Scott & White Experience*, The Commonwealth Fund, \$47,522 (2010-2011).

Miller, Thomas R. *Assessment of Impact of C. difficile on Hospitalized Patients in Texas*, 2000-2009, Texas Department of State Health Services (DSHS), \$30,000 (2011).*

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. *Instant Total Cast to Heal Diabetic Foot Ulcers*, subcontract to Scott & White Hospital, \$83,449 (2008-2013).

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

Ohsfeldt, Robert. *Factors Motivating and Affecting Information Seeking in a Health Information Exchange*, NIH/NCI, \$354,529 (2009-2011).

Ory, Marcia G. *Texas Healthy Lifestyles*, subcontract to Texas Department of Aging and Disability Services (prime is AoA) \$124,714 (2007-2011).

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. *Planning a Nationwide Evaluation of Evidence-Based Programs for Senior Health*, AoA, \$900,000 (2008-2011).

Ory, Marcia G. *Project UPBEAT: Umbrella Partnership To Be Active in our Towns UPBEAT Obesity Prevention in Brazos Valley (UPBEAT)*, Brazos Valley Community Action Agency (BVCAA), \$40,000 (2010-2011).

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].*

Phillips, Charles D. *Nursing Care Assessment Form Project*, Texas Health and Human Services Commission (TxHHSC), \$927,278 (2010-2013).

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 Center].

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

Quiram, Barbara. *Disease Mitigation in Child Care Facilities*, Texas Department of State Health Services, \$79,386 (2010-2011).

Quiram, Barbara. *H1N1 Physician Assessment Part II*, Texas Department of State Health Services, \$30,447 (2011) [USA Center].*

Quiram, Barbara. *Public Health Emergency Response (PHER) Training Module*, Texas Department of State Health Services (DSHS), \$100,706 (2011).*

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

Radcliff, Tiffany. *Rural Lifestyle Intervention Treatment Effectiveness Trial (Rural LITE)*, subcontract to the University of Florida, (prime is NIH) \$37,623, (2010-2012).

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 (2008-2013).

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)*, \$227,140 (2009-2014) [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. *Influence of Mobile Food vendors on Food and Beverage Choices of Low-income Mexican American Children in Colonias*, The Robert Wood Johnson Foundation, \$111,098 (2009-2011).

Sharkey, Joseph R. *The Influence of Community Retail Food Environment on Household Food Access, Food Choice, and Dietary Intake of Mexican American Children in Colonias along the South Texas Border with Mexico*, USDA RIDGE Program, Southern Rural Development Center, \$34,970 (2010-2011).

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

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 and Research Institute of Texas (CPRIT), \$487,589 (2011-2013), [CCHD].*

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

Sweeney, Anne. *Estimating the Effect of Modeled Air Pollution on Ovarian Function and Complications of Labor and Delivery*, The EMMES Corporation, \$26,136 (2011).*

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

Wendel, Monica. *Evaluation of the Shellbrook Intervention*, Aids Foundation of Houston, \$120,178 (2011-2012) [CCHD].*

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

Wendel, Monica. *Evaluation of a Telehealth Pilot Project in the Brazos Valley*, Brazos Valley Council of Governments, \$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, \$69,492, (2011-2012) [CCHD].*

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

Key:

* Denotes newly granted in CY2011.

[] Denotes Center affiliated projects.

CCHD = Center for Community Health Development.

CHOT = Center for Health Organization Transformation.

SRHRC = Southwest Rural Health Research Center.

USA Center = USA Center for Rural Public Health Preparedness.

PUBLICATIONS CY2011*

1. Anyanwu UO, **Sharkey JR**, Jackson RT, Sahyoun NR. Home food environment of older adults transitioning from hospital to home. *J Nutr Gerontol Geriatr*. 2011;30(2):105-21.
2. Adelman RD, Greene MG, Friedmann E, **Ory MG**, Snow CE. Older patient-physician discussions about exercise. *J Aging Phys Act*. 2011;19(3):225-38.
3. Ahn S,* **Burdine JN, Smith ML, Ory MG, Phillips CD**. Residential rurality and oral health disparities: Influences of contextual and individual factors. *J Prim Prev*. 2011; Feb; 32(1):29-41.
4. Ahn S,* **Huber C, Smith ML, Ory MG, Phillips CD**. Predictors of body mass index among low-income community dwelling older adults. *J Health Care Poor Underserved*. 2011 Nov; 22(4): 1190-204.
5. Ahn S,* **Phillips KL, Smith ML, Ory MG**. Correlates of volunteering among aging Texans: The roles of health indicators, spirituality, and social engagement. *Maturitas*. 2011; July;69(3):257-262.
6. Ahn S,* **Sharkey JR, Smith ML, Ory MG, Phillips CD**. Variations in body mass index among older Americans: The roles of social and lifestyle factors. *J Aging Health*. 2011; Mar;23(2):347-366.
7. Ahn S,* **Tai-Seale M, Huber C, Smith ML, Ory MG**. Psychotropic medication discussions in older adults' primary care office visits: So much to do, so little time. *Aging Ment Health*. 2011; July 1;15(5):618-629.
8. Ahn S,* **Zhao HW, Smith ML, Ory MG, Phillips CD**. BMI and lifestyle changes as correlates to changes in self-reported diagnosis of hypertension among older Chinese adults. *J Am Soc Hypertens*. 2011; Jan-Feb;5(1):21-30.
9. Arthur TM, Serrano KJ, **Wendel ML, Ory MG**. An investigative study on health disparities-related research at Texas A&M University System Institutions. *TPHA Journal*. 2011; 63(1): 8-11.
10. Baker C, Pickering L, Chilton L, Cieslak P, Ehresmann K, Englund J, Judson F, Keitel W, Lett S, Marcy M, Meissner C, Neuzil K, Sawyer M, **Sumaya CV**, (et al). General recommendations on immunization. Recommendations of the Advisory Committee on Immunization Practices (ACIP), National Center for Immunizations and Respiratory Diseases. *MMWR Recommendations Report*. 2011 July 29; 60: 993.
11. Baruth M, Wilcox S, Wegley S, Buchner DM, **Ory MG**, Phillips A, Schwamberger K, Bazzarre TL.Changes in physical functioning in the Active Living Every Day program of the Active for Life Initiative®. *Int J Behav Med*. 2011 Sep;18(3):199-208.
12. Bellamy GR, **Bolin JN, Gamm LD**. Rural Healthy People 2010, 2020, and beyond the need goes on. *Fam Community Health* 2011;April-June; 34(2):182-188.
13. **Benden ME, Mancuso L, Zhao H, Pickens A**. The Ability of the SenseWear® armband to assess a change in energy expenditure in children while sitting and standing. *JEP online*. 2011;14(3):1-14
14. **Benden ME**, Blake JJ, **Wendel ML, Huber JC**. The impact of stand-biased desks in classrooms on calorie expenditure in children. *Am J Public Health*. 2011 Aug;101(8):1433-1436.
15. **Benden ME**, Fink R, **Congleton J**. An in situ study of the habits of users that affect office chair design and testing. *Hum Factors*. 2011 Feb;53(1):38-49.
16. **Bolin JN, Gamm L**, Vest JR,* **Edwardson N, Miller TR**. Patient-centered medical homes: Will health care reform provide new options for rural communities and providers? *Fam Community Health*. 2011 Apr-June; 34(2): 93-101.
17. **Bolin JN, Ory MG**, Wilson AD, Salge L, Wilson M. Dissemination of a low-literacy diabetes education kiosk tool in South Texas to address diabetes health disparities. *TPHA Journal*. 2011; 63(1)12-15.
18. Bookvar KS, Santos SL, Kushniruk A, **Johnson,C.**, Nebeker JR. Medication reconciliation: Barriers and facilitators from the perspectives of resident physicians and pharmacists. *J Hosp Med*. 2011 Jul-Aug;6(6):329-37.
19. **Brender JD**, Kelley KE, Werler MM, Langlois PH, Suarez L, Canfield MA, National Birth Defects Prevention Study. Prevalence and patterns of nitrosatable drug use among U.S. women during early pregnancy. *Birth Defects Res A Clin Mol Teratol*. 2011 Apr;91(4):258-264.
20. **Brender JD**, Werler MM, Kelley KE, Vuong AM,* **Shinde MU,* Zheng Q, Huber Jr. JC, Sharkey JR**, Griesenbeck JS,* Romitti PA, Langlois PH, Suarez L, Canfield MA, and the National Birth Defects Prevention Study. Nitrosatable drug exposure during early pregnancy and neural tube defects in offspring. *Am J Epidemiol*. 2011 Dec 1; 174:1286-1295.
21. **Brender JD**, Maantay J, Chakraborty J. Residential proximity to environmental hazards and adverse health outcomes. *Am J Public Health*. 2011 Dec; 101 (Supp 1):S37-S52.
22. Buchanan RJ, **Zuniga MA, Carrillo-Zuniga G**, Chakravorty BJ, Tyry T, Moreau RL, Vollmer T. A pilot study of Latinos with multiple sclerosis: Demographic, disease, mental health, and psychosocial characteristics. *J Soc Work Disabil Rehabil*. 2011 Oct; 10(4): 211-231.
23. Buck Louis GM, Schisterman EF, **Sweeney AM**, Wilcosky TC, Gore-Langton RE, Lynch CD, Boyd Barr D, Schrader SM, Kim S, Chen Z, Sundaram R. Designing prospective cohort studies for assessing reproductive and developmental toxicity during sensitive windows of human reproduction and development--the LIFE Study. *Paediatr Perinat Epidemiol*. 2011 Sep;25(5):413-24.
24. **Carrillo Zuniga G, Mier N**, Seol YH, Villarreal E, Garza N, **Zuniga MA**. Home Hazards assessment among elderly in South Texas Colonias. *TPHA Journal*. 2011; 63:14-17.
25. **Carrillo Zuniga G**, Kirk S, Hernandez D, Nadeau N, Chong-Menard B, **Lucio R, Zuniga MA**. On linkages: a multi-institutional collaboration to develop asthma education for school settings in south Texas. *Public Health Rep*. 2011; 126: (1):139-144.
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