

## CURRICULUM VITAE

### ROSS SHEGOG, PHD

Sept. 29, 2018

#### Associate Professor of Health Promotion and Behavioral Sciences

Center for Health Promotion and Prevention Research

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#### EDUCATION

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Date	Degree	School	Area of Concentration
1997	PhD	The University of Texas School of Public Health, Houston, TX	Behavioral Science Dissertation: Computer-assisted instruction for self-management education in pediatric asthma.
1992	MPH	The University of Texas School of Public Health, Houston, TX	Health Education Thesis: Computer-assisted instruction for nutrition education: Do student attitudes and learning styles really make a difference?
1990	Dip. BMC	The University of Texas School of Allied Health Sciences, Houston, TX	Biomedical Communication
1985	Dip. ND	The University of Sydney, New South Wales, Australia	Nutrition & Dietetics
1983	BSc.	The University of Sydney, New South Wales, Australia	Psychology & Zoology

#### PROFESSIONAL EXPERIENCE

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Dates	Position	Institution
09/2011–Present	Associate Professor of Health Promotion and Behavioral Sciences	The University of Texas School of Public Health, Houston, TX
12/2007– 08/2015	Associate Director, Communications The University of Texas Prevention Research Center	The University of Texas School of Public Health, Houston, TX
09/2004–Present	Adjunct Faculty	The University of Texas School of Biomedical Informatics, Houston, TX
12/2000–12/2011	Assistant Professor of Health Promotion and Behavioral Sciences	The University of Texas School of Public Health, Houston, TX
10/1997–11/2000	Instructor, Department of Pediatrics	Baylor College of Medicine, Houston, TX
09/1995–05/1997	Senior Project Coordinator, Center for Health Promotion and Prevention Research and Development	The University of Texas School of Public Health, Houston, TX

10/1993–08/1995	Senior Project Coordinator, Department of Ambulatory Medicine	Baylor College of Medicine, Houston, TX
08/1990–10/1993	Research Assistant, Southwest Center for Prevention Research	The University of Texas School of Public Health, Houston, TX
06/1990–07/1990	Instructional Designer: Online Space Shuttle Navigation Training, NASA	Omniplan Corporation, Clear Lake, TX
01/1989–08/1989	Script (Screenplay) Writer	Self-employed, Houston, TX
03/1988–08/1988	Marketing Representative	Watertrol Pty. Ltd., Toronto, Canada
07/1987–12/1987	Research Dietitian	Campbelltown Hospital, Sydney, New South Wales, Australia
06/1987–07/1987	Clinical Dietitian	Ryde Hospital, Sydney, New South Wales, Australia
08/1985–04/1987	Community and Clinical Dietitian	Canowindra Soldiers Memorial Hospital, Canowindra, New South Wales, Australia

## **PROFESSIONAL AFFILIATIONS**

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- 2000-present American Public Health Association
- 2008- present American Epilepsy Society
- 2011- present Sigma Xi. The Scientific Research Society.

## **HONORS AND AWARDS**

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- 2015 University of Texas School of Public Health R. Palmer Beasley, M.D. Faculty Award for Innovation. Awarded to the *It's Your Game* Team in recognition of innovative work in adolescent sexual health.
- 2012 Community Based Participatory Research (CBPR) Best Practice Award, National Community Committee, Prevention Research Centers, Centers for Disease Control and Prevention. Awarded to the University of Texas Prevention Research Center.
- 2011 Innovation in Interactive Media in Education Design Achievement Award, Adobe Systems Inc., Semifinalist, *It's Your Game Tech*.
- 2011 Full member. Sigma Xi: The Scientific Research Society, Rice University–Texas Medical Center Chapter
- 2010 American Public Health Association's Public Health Education Materials Award for Electronic Media, *It's Your Game, Keep It Real* website.
- 2008 First Place. The University of Texas School of Public Health Talent Show, Movie Trailer: "Irochoca."
- 2007 Star Team Award. Counseling and Worklife Services, The University of Texas Health Science Center at Houston
- 2001 Finalist. Houston Cow Parade. "I'm Houston Cowed" on display at Texas Children's Hospital.
- 1995 Award of Merit. Baylor College of Medicine Interpretations Art Show: "Bristling," a 16-mm film
- 1994 Student Inter-Council Competitive Scholarship. The University of Texas School of Public Health
- 1993 Finalist. University of St. Thomas National Short Play Competition: "Way of the Coop."
- 1993 Lamb Competitive Scholarship. The University of Texas School of Public Health
- 1993 School of Public Health student representative, inaugural Clinical Team Competition, The University of Texas
- 1991 Award of Excellence. Baylor College of Medicine Interpretations Art Show: "Genesis," pen & ink
- 1990 Scholastic All-American, Dean's List
- 1989 Student Inter-Council Competitive Scholarship, The University of Texas
- 1984 Vice President. The University of Sydney Nutrition Society, Sydney, Australia
- 1984 Finalist. North Shore Advocate Aeronautic Scholarship.
- 1979 School Captain. Crows Nest Boys High School, Sydney, Australia

## **RESEARCH INFORMATION**

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### **GRANT AND CONTRACT SUPPORT**

#### **A. ACTIVE (Principal Investigator)**

- 2018-2021 ***Adolescent Vaccination Program (AVP): Expanding a Successful Clinic-based Multicomponent HPV Vaccination Program to the San Antonio Area***  
Award: CPRIT Expansion of Cancer Prevention Services to Rural and Medically Underserved Populations  
Total direct costs: \$1,687,648.00; Total indirect costs: \$88,821.00  
Project Director (10%) (Multi PD: S. Vernon; L Savas).  
The goal of this 3-year expansion project is to replicate a successful multi-level systems-based HPV vaccination intervention (Adolescent Vaccination Project) in a new clinical setting to determine its feasibility for dissemination and its impact on HPV vaccination initiation and completion in vaccine eligible youth.
- 2017–2019 ***Communicating With Youth to Prevent HIV, Other STIs, and Pregnancy: Identifying Key Messages, Messengers, and Communication Channels.***  
Award No.: SIP 17-006 (CDC; Subcontract to Oregon Health Sciences University).  
Total costs: \$260,787; direct costs: \$169,342.  
Principal Investigator (2%)(Multi PI: C Markham, R. Shegog)  
The goal of this two-year project is to better understand the communication messages, messengers, and channels that can be used to encourage behaviors that prevent HIV, other STIs, and pregnancy among diverse youth populations, including African American, Hispanic, American Indian, and LGBTQ youth.
- 2014–2019 ***Managing Epilepsy Well (MEW) Network Collaborating Center***  
Award No.: U48DP005002 SIP14 – 007 (CDC; Subcontract to Univ. of Arizona)  
Direct Costs: \$367,113; Indirect Costs: \$157,099  
Principal Investigator (8%) (Multi PI: C. Begley, R. Shegog)  
Development and evaluation of a Spanish language version of the MINDSET Epilepsy self-management decision-support system.
- 2016-2018 ***Disseminating Effective Adolescent Health Interventions in American Indian and Alaska Native Communities***  
Award No.: 248-96-0011 (5%) (Multi PI: R. Shegog, C. Markham)  
UTSPH subcontract to Indian Health Service/NWPAIHB  
This subcontract will provide training and technical assistance to interested sites, which will increase the capacity of clinical and non-clinical community based organization to implement promising prevention strategies for high-risk racial and ethnic minority population: Ai/AN teens and young adults.
- 2017-2018 ***Girls Club For Success***  
BridgeUp Menninger Grant, 2017 (Subcontract to CHAT)  
Award No.: Pending (5%) (Multi PI: P. Rowan, R. Shegog)  
Direct Costs: \$6,000  
The goal of this one-year project is to develop and test a 25 week hybrid photography and social and emotional learning program for and test this program for girls so that they may become better equipped to manage, understand, and express social and emotional aspects of their lives in positive ways that foster continued learning and successful management of challenges in later life.

- 2017-2018 ***Gulfton Story Trail Project***  
 Arts Alliance Grant, 2017 (Subcontract to CHAT)  
 Award No.: Pending (5%) (Multi PI: P. Rowan, R. Shegog)  
 Direct Costs: \$6,000  
 The goal of this enduring art project is to celebrate the cultural heritage of the international Gulfton community, to attract visitors, and to motivate physical activity (walking) within the community. Artists will develop a series of 12 murals, capturing the Gulfton community's story through a combination of poetry and visual art. The 12 murals will become the 'Story Trail' ... a walking trail for visitors to learn about the heritage of Gulfton and its people.
- B. ACTIVE (Co-Investigator)**
- 2017-2018 ***Using Hackathon to Speed Innovations on Mobile and Connected Health Technologies in Interprofessional Education***  
 University of Texas Kenneth I. Shine Academy of Health Science Education Small Grant  
 Co-I (In-kind)(PI: J. Wang)  
 Direct costs: \$5,000  
 To prepare UT-HSC students to be at the forefront of healthcare transformation and to facilitate interprofessional team-based care, a Hackathon will be incorporated into an interprofessional curriculum to increase students' competency in mobile and connected health technologies.
- 2015-2018 ***Multi-component interventions for patients and providers to increase HIV vaccination in pediatric clinics in Houston***  
 Award No.: CPRIT RP150014  
 Direct Costs: \$2,374,039; Indirect \$124,947  
 Co-Investigator (10%) (PI: S. Vernon)  
 The overall goal of our project is to increase initiation and completion of HPV vaccination among male and female patients ages 11-17 in a pediatric clinic network with 48 clinics in 5 counties in the greater Houston area. Our specific aims are: Aim 1: Develop, pretest, and implement two multi-component evidence-informed interventions targeting providers and parents of adolescents 11-17 years of age. Aim 2: Evaluate the efficacy of the two multi-component interventions on vaccination rates. Hypothesis 1: HPV initiation will be higher in adolescents in the provider-only intervention arm of the study compared with adolescents in the usual care arm. Hypothesis 2: HPV initiation will be higher in adolescents in the provider plus parent intervention arm of the study compared with adolescents in the usual care arm. Aim 3: Evaluate the cost-effectiveness of provider-only intervention and the provider plus parent intervention compared with usual care for increasing vaccination initiation rates among 11-17 year old adolescents.
- 2015-2018 ***WOWii: Developing and Testing a Web-Based Intervention to Promote Exercise Among Those with Spinal Cord Injury***  
 Award No.: 90IF0091-01-00 US Dept. of Ed.  
 Direct Costs: \$461,220; Indirect Costs: \$138,765  
 Co-Investigator (PI: K. Froelich Grobe)  
 Physical activity is critical to health, yet most Americans remain inactive despite the health benefits. While evidence shows that exercise has health and function benefits for people with disabilities, a significant gap exists regarding effective strategies for promoting physical activity among adults with disabilities. This gap is important to address as people cannot enjoy the benefits of exercise if they do not maintain an active lifestyle. Therefore, this study proposes to bridge the gap by designing and investigating an innovative, technology-based approach to promoting exercise among individuals with spinal cord injury (SCI).
- 2013-2018 ***Behavioral Science Education-Cancer Prevention and Control***  
 Award No.:  
 Direct costs: \$2,438,102; Indirect Costs: \$187,513  
 Mentor

2014-2019 ***UTSPH/GVSU Multimodal MCH Training Program***

Award No.: HRSA

Direct Costs: \$829,628; Indirect Costs: \$53,542

Mentor

***C. COMPLETED (Principal Investigator)***

2012–2016 ***IYG–Family: Beyond “The Talk” to Effective Pregnancy, STI, and HIV Prevention***

Supplement Award No.: 1R42HD074324-01 (NIH/NICHD)

Total Costs: \$150,000

Principal Investigator (10%) (Multi PI: J. McLaughlan, R. Shegog)

This 3 year Fast-Track STTR is proposed to develop and evaluate a home-based program (‘It’s Your Game-Family’) to provide age-appropriate sexual health life skills education and training for children (11 through 14 years) and to enhance parents’ skills and self-confidence in support of this training. IYG-Family (IYG-F) will be an on-line game-based program and resource available to help parents and their children go beyond “the sex talk” to engage in an ongoing, developmentally appropriate, pregnancy, sexually transmitted infection (STI), and human immunodeficiency virus (HIV) prevention education experience.

2011–2016 ***Affordable Care Act Tribal Personal Responsibility Education Program for Teen Pregnancy Prevention***

Award No.: HHS-2011-ACF-ACYF-AT-0157 (HHS Administration for Children and Families)

Subcontract Annual Total Costs: \$170,000

Principal Investigator (10%) (Multi PI: C. Markham, R. Shegog)

UTSPH subcontract to the Inter Tribal Council of Arizona, Inc.

The goal of this study is to adapt and evaluate a community-based teen pregnancy prevention program for American Indian/Alaska Native (AI/AN) youth (12-14 years) in tribal communities across Alaska, Arizona, and the Pacific Northwest. The intervention focus abstinence, contraception, healthy relationships, and healthy life-skills. The intervention comprises an individual Internet-based curriculum for youth, components addressing parent-child communication to support AI/AN parents as the primary sexual health educator for their child, and linkage to youth and family services.

2012–2014 ***Managing Epilepsy Well (MEW) Collaborating Center. Development of a Clinic-based Decision Support System***

Award No.: 5U48DP001949 SIP12 – 057 (CDC)

Total Costs: \$117,219; Direct Costs: \$77,118

Principal Investigator (10%) (Multi PI: C. Begley, R. Shegog)

Efficacy trial of a longitudinal clinic-based epilepsy management PDA decision support system (MINDSET) for use by patients and health care providers.

2010–2015 ***Innovative Approaches to Preventing Teen Pregnancy among Underserved Populations***

Award No.: 5U48DP001949 (SIP 10-033)

Total Costs: \$1,400,000; Direct Costs: \$1,120,636

Principal Investigator (10%) (Multi PI: C. Markham, R. Shegog)

Adapt and evaluate the efficacy of an Internet-based HIV, STI, and pregnancy prevention curriculum (*It’s Your Game..Keep It Real*) for American Indian/Alaskan Native middle school youth in Alaska, the Pacific Northwest, and Arizona Plains.

2009–2012 ***Web-based Middle School HIV Prevention Curricula: Aspiring for Reach and Impact***

Award No.: 1R01MH085594-01A1 (NIH)

Total Costs: \$1,892,752; Direct Costs: \$1,261,834

Principal Investigator (15%) (Multi PI: M. Peskin, R. Shegog)

Development and evaluation of a middle school computer-based sexual health curriculum, *It’s Your Game Tech*.

- 2009–2012 ***Managing Epilepsy Well (MEW) Collaborating Center. Development of a Clinic-based Decision Support System. Cost Extension***  
Award No.: SIP12 – 2009 (CDC)  
Total Costs: \$140,000  
Principal Investigator (10%) (Multi PI: C. Begley, R. Shegog)  
Development of a longitudinal clinic-based epilepsy management PDA decision support system (MINDSET) for use by patients and health care providers.
- 2009–2011 ***Managing Epilepsy Well (MEW) Collaborating Center. Development of a Clinic-based Decision Support System***  
Award No.: SIP12 – 2009 (CDC)  
Total Costs: \$179,770; Direct Costs: \$80,586  
Principal Investigator (10%) (Multi PI: C. Begley, R. Shegog)  
Development and evaluation of a clinic-based epilepsy management PDA decision support system for use by patients and health care providers.
- 2007–2009 ***The Role of Epilepsy Self-management in Predicting Treatment Adherence, Health Care Use, and Outcomes***  
Award No.: 5U48DP000057 (CDC SIP 06-07)  
Total Direct Costs: \$70,000 for 2 years  
Co-Principal Investigator (5%) (Multi PI: C. Begley, R. Shegog)  
Cross-sectional study to determine the association between psychosocial variables, epilepsy self-management, and disease outcomes.

### ***C. COMPLETED (Co-Investigator)***

- 2016-2017 ***Evaluation of UT Physicians DSRIP Project Sustainability***  
Funded through UTHHealth -10/1/2016-9/30-2017  
Co-Investigator (10%)(PI: L. Revere)  
Assessment of the achievement, population impact, and potential sustainability of 22 UT Physicians projects funded through the Texas 1115 Medicaid Transformation Waiver Delivery System Reform Incentive Pool (DSRIP)(Lead: Revere)
- 2014 -2017 ***Multi-component Interventions to Increase HPV Vaccination in a Network of Pediatric Clinics***  
Award No.: CPRIT PP140183  
Direct Costs: \$2,374,039; Indirect \$124,947  
Co-Investigator (10%) (PI: S. Vernon, L. Savas)  
The overall study goal is to develop, implement, and evaluate a multi-component evidence informed intervention targeting providers and their healthcare systems to increase HPV vaccination.
- 2015-2017 ***Content-based social network analysis methods for data-driven health promotion.***  
Award #: 1R21LM012271-01  
Funding agency: National Library of Medicine  
Total: 205,470(yr1), 173,250(yr2); Direct cost: 135,000 (yr1), 112,500 (yr2)  
Co-Investigator (5%) (PI: S. Myneni)  
This project integrates qualitative analysis, automated text analysis, and social network models to understand social influence patterns embedded in peer-to-peer communication exchanges on digital communication platforms, aiming at the development of data-driven socio-behavioral interventions.
- 2013-2016 ***Collaborative Training of a New Cadre of Innovative Cancer Prevention Researchers***  
Award No.: RP1040103 CPRIT  
Co-Investigator (5%) (PI: R. Ness)  
Direct Costs: \$1,661,213; Indirect Costs: \$83,863  
We propose to complete the training of 6 continuing and 3 new predocs and 3 continuing and 3 new postdocs who will develop skills in their respective disciplines, with particular emphasis on the

application of methods and perspectives needed to identify and address important questions in cancer research. We also propose to craft summer cancer prevention internship experiences for 40 undergraduates, from diverse majors and backgrounds that expose them to innovation training & outstanding mentors in projects in cancer prevention population sciences & biomedical informatics in Houston, Austin, and on the Texas-Mexico border.

- 2009-2015 ***Health Promotion and Disease Prevention Research Center-Category 1 CORE***  
Award No.: CDC  
Co-Investigator (PI: S. Tortolero)  
Direct Costs: \$1,653,362; \$783,517
- 2012-2015 ***A Comprehensive Communitywide Approach to Adolescent Sexual Health***  
Houston Endowment, Inc., Houston, TX 77002  
Total costs: \$6,000,000  
This project will develop comprehensive, community-wide approaches to enhance access to teen sexual health education and clinical services.  
*Co-Investigator (10%) (PI: Tortolero Emory)*
- 2009-2015 ***Mobilizing Community Partnership for Effective Sex Education in Middle School***  
Award No.: CDC  
Co-Investigator (PI: S. Tortolero)  
Direct Costs: \$524,557; \$262,279
- 2012-2015 ***It's Your Game: An Innovative Approach to Prevent Teen Dating Violence***  
Award No.: 1R01CE002135-01 (CDC)  
Total Costs: \$399,999 (per year); Direct Costs: \$263,157 (per year)  
Co-Investigator (20%) (PI: M. Peskin, S. Tortolero)  
Evaluate the effectiveness of *It's Your Game-Dating Violence (IYG-DV)*: a multimedia Web-based teen dating violence (TDV) intervention for middle school students.
- 2010-2015 ***Teenage Pregnancy Prevention: Replication of Evidence-based Programs***  
Award No.: OPHS/OAH TPP-Tier1-2010 (HHS Office of Adolescent Health)  
Total Costs: \$16,390,674; Direct Costs: \$14,283,407  
Co-Investigator (15%) (PI: S. Tortolero)
- 2009-2014 ***Mobilizing Community Partnership for Effective Sex Education in Middle School***  
Award No.: U48DP001949 (CDC)  
Total Costs: \$1,337,887; Direct Costs: \$891,258  
Co-Investigator (10%) (PI: M. Peskin)  
Development, implementation, and evaluation of a Web-based decision support system that will increase adoption, implementation, and maintenance of effective sex education programs in Harris County middle schools.
- 2010-2011 ***HIV/STD Prevention Services – Category 5, School-based Prevention Programs***  
Award No.: B10-021-5 (City of Houston Department of Health & Human Services)  
Total Costs: \$177,696; Direct Costs: \$163,359.  
Co-investigator (15%) (PI: M. Peskin)  
This study is developed a structural intervention to increase school-based support among teachers, school administrators and medical staff, and parents for the implementation of effective school-based youth HIV/STD education.

- 2004–2010 ***Evaluation of Abstinence-only and Abstinence-plus HIV, STI, and Pregnancy Prevention for Middle School Students: Application for Supplementary Activities***  
Award No.: 5U48DP000057-01 (CDC SIP04-04)  
Total Costs: \$3,257,401; Direct Costs: \$1,511,636  
Co-Investigator (10%) (PI: C. Markham)  
Evaluated the efficacy of an abstinence-only sexual risk reduction program for middle school students relative to (1) a theoretically-comparable abstinence-plus program and (2) standard care.
- 2008–2009 ***HIV/STD Prevention Services – Category 5, School-based Prevention Programs***  
Award No.: B10-021-5 (City of Houston Department of Health & Human Services)  
Total Direct Costs: \$272,652  
Co-Investigator (15%) (PI: M. Peskin)  
This study developed and evaluated a structural intervention to increase school-based support among teachers, school administrators and medical staff, and parents for the implementation of effective school-based youth HIV/STD education.
- 2007–2009 ***Booster Breaks: A 21st Century Innovation to Improve Worker Health and Productivity***  
Award No.: 1R03NR010291 (NIH)  
Total Direct Costs: \$150,000  
Co-Investigator (2%) (PI: W. Taylor)  
Developed, implemented, and evaluated a prototype activity break program for the workplace.
- 2005–2009 ***Intervention Component to Reduce Television Viewing for Incorporation into an Evidence-based Multi-component School-based Nutrition and Physical Activity Program***  
Award No.: 5U48DP000057 (CDC SIP 18-2005)  
Total Direct Costs: \$142,249  
Co-Investigator (1%) (PI: S. Kelder)  
Examined the impact of a school-based intervention to reduce television viewing on obesity-related outcomes among elementary school students.
- 2004–2009 ***The University of Texas Prevention Research Center – Core Funding***  
Award No.: U48 DP000057-01 (CDC)  
Total Direct Costs: \$2,569,064  
Deputy Director (20%) (PI: S. Tortolero)  
Collaborated with community partners to impact child health in Harris County, a large diverse urban area.
- 2004–2009 ***Health Education and Discovering Science Careers***  
Award No.: 5R25RR020543-02 (NIH, National Center for Research Resources)  
Total Direct Costs: \$306,601; Total Costs: \$1,336,633  
Co-Investigator (1%) (PI: Murray)  
Expanded, evaluated, and disseminated a health science curriculum titled “Health Education and Discovering Science while Unlocking Potential” (“HEADS-UP”) for 5th through 8th grades, consisting of multimedia modules developed through community collaboration containing CD-ROMs, VHS tapes, lesson plans, and classroom activities, designed to meet state and national science standards and bring biomedical science and scientists into the classroom.
- 2004–2009 ***Evaluation of Abstinence-only and Abstinence-plus Programs to Prevent HIV, STD, and Pregnancy among Middle School Students***  
Award No.: 1U48DP000057-01 (CDC SIP 04-04)  
Total Direct Costs: \$642,404  
Co-Investigator (35%) (PI: C. Markham)  
Evaluated the efficacy of an abstinence-only sexual risk reduction program for middle school students relative to (1) a theoretically comparable abstinence-plus program and (2) standard care.



- 2007–2008 ***Competitive Renewal: Feasibility of a “Virtual World” Prototype to Enhance Self-management Skills Training for HIV-positive Youth***  
 Baylor–UTHouston Center for AIDS Research (CFAR)  
 Total Direct Costs: \$45,000  
 Co-Investigator (5%) (PI: C. Markham)  
 This continuation funding allowed for development of a prototype anti-retroviral medication adherence module of our computerized self-management application for HIV-positive youth.
- 2002–2008 ***HIV/STD Prevention Program for Middle School Students***  
 Award No.: 1R01 MH66640-01 (NIH/NIMH)  
 Total Direct Costs: \$2,458,044  
 Co-Investigator (10% ) (PI: S. Tortolero),  
 This project developed, implemented, and evaluated *It’s Your Game...Keep It Real*, a theoretically based, multi-component HIV/STD and pregnancy prevention program for middle school students.
- 2006–2007 ***Feasibility of a “Virtual World” Prototype to Enhance Self-management Skills Training for HIV-positive Youth***  
 Baylor–UTHouston Center for AIDS Research (CFAR)  
 Total Direct Costs: \$45,000  
 Co-Investigator (5%) (PI: C. Markham)  
 This study developed and tested the feasibility of a Web-based application to enhance self-management skills among HIV-positive youth.
- 1999–2007 ***Innovative Smoking Cessation Program for College Students***  
 Award number: 5R01 CA069425-06  
 Total Direct Costs: \$398,470  
 Co-Investigator (8%) (PI: A Prokhorov)  
 Used the motivational interviewing technique and health status feedback (respiratory symptoms, lung function, heart rate, and CO<sub>2</sub> in expired air) to induce and accelerate progression through the stages of readiness to quit smoking among 4-year university students.
- 1999–2006 ***Healthy Passages: A Community-based Longitudinal Study of Adolescent Health***  
 Award No.: U48/CCU609653-99-04 (CDC SIP 03-04)  
 Total Direct Costs: \$7,807,208  
 Co-Investigator (5%) (PI: S. Tortolero)  
 This longitudinal study examined the developmental path of health risk behaviors and adverse health outcomes in a group of youth followed from 10 to 20 years of age.
- 2000–2004 ***Teenage Smoking Cessation CD-ROM***  
 Award No.: R01 CA81934 (NIH/NCI)  
 Total Direct Costs: \$1,905,793; Costs: \$65,357 (subcontract)  
 Co-Investigator (30%) (PI: A. Prokhorov)  
 Institution for primary award: UT MD Anderson Cancer Center  
 Conceptual design, development, and evaluation of a smoking cessation/prevention curriculum for high school students.
- 2000–2004 ***Texas Multicultural Regional-Community Tobacco Studies***  
 Award No.: R01 CA86295 (NIH/NCI)  
 Total Direct Costs: \$1,061,078  
 Co-Investigator (10%) (PI: A. McAlister)  
 Conceptual design, development, and evaluation of a smoking risk assessment intervention for middle school students. Provide evidence of effects of anti-smoking expenditures to justify later funding of more intensive tobacco control activities for the entire state.

1997–2002 **National Cooperative Inner-City Asthma. Stop Asthma: A Management Program for Minority Families**  
Award No.: R18 AI37982 (NIAID)  
Total Direct Costs: \$491,391 (UTSPH subcontract amount was \$ 80,844)  
Co-Investigator/Project Director (100%)  
Collaborative with Baylor College of Medicine to develop, implementation, and evaluation of a computer-based decision support system for use by community pediatric physicians in managing inner city minority children with asthma.

**D. PENDING (Principal Investigator, Co-Principal Investigator, or Co-Investigator)**

Two grants in review and 3 under development.

**PUBLICATIONS**

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**PEER-REVIEWED JOURNAL ARTICLES** (\*Indicates student author)

1. Begley C, Chong J, **Shegog R**, Sepulveda R, Halavacs N, Addy R, Martin K, Labiner D MINDSET: Clinical Feasibility of Utilizing the Revised Epilepsy Self-Management Tool for Spanish Speaking Patients. *In press*.
2. Begley C, **Shegog R**, Liu H, Tatsuoka C, Spruill TM, Fraser RT, Johnson EK, Bamps YA, Sajatovic M (2018) Correlates of Epilepsy Self-Management in MEW Network Participants. *Epilepsy and Behavior. In press*.
3. Craig Rushing S, Stephens D, **Shegog R**, Torres JD, Gorman G, Jessen C, Gaston A, Williamson J, Tingey L, Lee C, Apostolou A, Markham CM. (2018) Healthy Native Youth: Improving access to evidence-based, culturally-relevant sexual health curricula. Submitted to the American Journal of Sexuality Education Special Edition. *Frontiers in Public Health*. 6, article 225, pp1-8.
4. Markham, C.M., Torres, J., Craig Rushing, S., Gorman, G., Jessen, C., Gaston, A., Williamson, J., Addy, R.C., Emery, S.T., Hernandez, B.F., Peskin, M.F., **Shegog, R.** (2018) Usability and psychosocial impact of decision support to increase sexual health education in American Indian and Alaska Native communities. *Journal of Health Disparities Research and Practice*. 11(1),pp.85-103.
5. Chen E., Sajatovic M, Bukach A, Tatsuoka C, Welter E, Schmidt SS, Bamps YA, Stoll SC, Spruill TM, Friedman D, Begley CE, **Shegog R**, Fraser RT, Johnson EK, and Jobst BC (2018) Findings from the Managing Epilepsy Well (MEW) Network integrated database: Demographic and Clinical Correlates of Seizure Frequency in Individuals with a Chronic Neurologic Condition. *J. Clin. Neurol.*, 14(2): 206-211. doi: 10.3988/jcn.2018.14.2.206
6. Smith G, Modi AC, Johnson EK, **Shegog R**, Austin JK, Wagner J. (2018) Measurement in pediatric self-management research: A critical review. *Epilepsia*. 00; 1-14; <https://doi:10.1111/epi.13992>
7. **Shegog R**, Craig Rushing S, Jessen C, Lane TL, Gorman G, Gaston A, Koogei Revels T, Torres JD, Williamson J, Baumler E, Addy RC, Peskin MF, Markham CM. (2017) NATIVE-IYG: Improving Psychosocial Protective Factors for HIV/STI and Teen Pregnancy Prevention Among American Indian/Alaska Native Youth. *Journal of Applied Research on Children: Informing Policy for Children at Risk*: Vol. 8 : Iss. 1 , Article 3.

8. \*Chaudhary P, Peskin M, Temple JR, Addy RC, Baumler E, **Shegog R**. Sexting and Mental Health: A School-based Longitudinal Study Among Youth in Texas (2017) *Journal of Applied Research in Children*. 8(1), Article 11.
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10. **Shegog R**, Begley C. (2017) Clinic-based mobile health decision support to enhance adult epilepsy self-management: An intervention mapping approach. *Front. Public Health* 5:256. doi: 10.3389/fpubh.2017.00256
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## INVITED PUBLICATIONS

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## WHITE PAPERS

Institute of Digital Media and Child Development Working Group on Games for Health (2016). White Paper: Games for Health for Children – Current Status and Needed Research. Digital Media & Developing Minds. National Academy of Sciences. Games For Health, 5(1); doi:10.1089/g4h.2015.0026

## COMMENTARY

Helmert SL, Kobau R, Sajatovic M, Jobst BC, Privitera M, Devinsky O, Labiner D, Escoffery C, Begley C **Shegog R**, Pandey D, Fraser RT, Johnson E, Thompson NJ, Horvath KJ, Centers for Disease Control and Prevention Managing Epilepsy Well Network. (2017) Self-management in epilepsy—Why and how you should incorporate self-management into your practice. *Epilepsy Behav.*, 68:220-224. Doi:10.1016/j.yebeh.2016.11.015.

## BOOK CHAPTERS

1. Peskin MF, Markham CM, Gabay EK, **Shegog R**, Cuccaro PM, Temple J, Hernandez B, Thiel M, and Emery ST. Using Intervention Mapping to Develop “Me & You: Building Healthy Relationships”, a Healthy Relationship Intervention for Early Middle School Students. In D.A. Wolfe & J.R. Temple (Eds), *Adolescent Dating Violence: Theory, Research, and Prevention*. Academic Press.
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5. **Shegog R**, Begley C. MINDSET: management information decision-support epilepsy tool intervention mapping case study. In: Bartholomew Eldredge LK, Markham CM, Ruiter RAC, Fernández ME, Kok G, Parcel GS, editors. *Planning Health Promotion Programs: An Intervention Mapping Approach*. San Francisco, CA: Jossey-Bass (2016), Case Study 2 on website at: <http://bcs.wiley.com/he-bcs/Books?action=resource&bcsId=10196&itemId=111903549X&resourceId=40707&chapterId=117731>. Accessed Sept. 15, 2017
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7. **Shegog R.** eHealth Interventions. In Bartholomew Eldredge, Markham, Ruiter, Fernandez, Kok, Parcel (eds.). (2016) *Intervention Mapping. Planning Health Promotion Programs*. (4<sup>th</sup> ed., pp364-370), San Francisco, CA: Jossey-Bass.
8. Rushing, S. C.; Gaston, A.; Kaufman, C.; Markham, C.; Jessen, C.; Gorman, G.; Torres, J.; Black, K.; **Shegog, R.**; Revels, T.; Lane, T. (2015) Using Technology to Promote Health and Wellbeing among American Indian and Alaska Native Teens and Youth Adults. In: Dyson LE, Hendriks M, and Grant S. (Eds.), *Indigenous Lives in the Mobile Age*. (pp. 163-178). University of Technology, Sydney, Australia.
9. **Shegog, R.** (2010). Application of behavioral theory in computer game design for health behavior change. In: J. Cannon-Bowers & C. Bowers (Eds.), *Serious Game Design and Development: Technologies for Training and Learning* (pp. 196-232). Hershey, PA: Information Science Reference (an imprint of IGI Global).
10. **Shegog, R.**, Sockrider, M. M. (2010). Computer-based applications in the management of asthma. In: A. Harver & H. Kotses (Eds.), *Asthma, Health and Society: A Public Health Perspective* (pp. 153-178). New York, NY: Springer.
11. Coton, C., **Shegog, R.**, Markham, C., Thiel, M., Peskin, M., Tortolero, S. (2010). Creating an immersive virtual world through the integration of diverse 2D and 3D technologies to implement e-learning curricula for middle school students. In: M. Askander, V. Kapila, & M. A. Karim (Eds.), *Technological Developments in Education and Automation* (pp. 473-476). New York, NY: Springer.
12. Markham, C., Tyrrell, S., **Shegog, R.**, Fernandez, M., Bartholomew, L. K. (2006). Asthma management for inner-city children. In: L. K. Bartholomew, G. S. Parcel, G. Kok, & N. H. Gottlieb (Eds.), *Planning Health Promotion Programs: An Intervention Mapping Approach* (2nd ed., pp. 545-578). San Francisco, CA: Jossey-Bass.
13. Markham, C., Tyrrell, S., **Shegog, R.**, Fernandez, M., Bartholomew, L. K. (2001). Partners in School Asthma Management program. In: L. K. Bartholomew, G. S. Parcel, G. Kok, & N. H. Gottlieb (Eds.),

## **HEALTH EDUCATION/DISEASE PREVENTION SOFTWARE PRODUCTS**

- 2017 *HPVCancerFree*. Theory-based HPV vaccination education and appointment reminder App.
- 2017 *Adolescent Vaccination Project*. Design and roll-out of system-level clinic- and evidence-based HPV vaccination strategies into a pediatric clinic network including vaccination champions, provider assessment & feedback, tiered CME, EHR provider cuing, and electronic patient reminders.
- 2016 *MINDSET Vers 4.1 and Spanish-MINDSET*. Clinic-based decision support for epilepsy self-management education for English- and Spanish-speaking patients.
- 2015 *Secret of Seven Stones*. Internet-based game to impact sexual health and parent–child communication.
- 2015 *Innovation Generation: How To Be Creative*. A massive online open course (MOOC) on innovation and creativity for the EdX platform (Instructor: Roberta Ness, PhD).
- 2015 *Me & You*. A hybrid middle school curriculum to prevent dating violence.
- 2014 *iCHAMPSS Community Sexual Health Decision Support System*. A community-based DSS to assist the adoption and implementation of evidence-based sexual health curricula.
- 2013 *MINDSET Vers 2.1 and Vers 3.1*. Clinic-based decision support for epilepsy self-management education.
- 2013 *NATIVE It's Your Game*. HIV, STI, and pregnancy prevention computer-based curriculum for underserved American Indian and Alaska Native youth.
- 2011 *MINDSET Vers 1.0*. A Management INformation & Decision Support Epilepsy Tool – a clinic-based decision support system for epilepsy self-management skills training.
- 2011 *IYG Tech*. A 13-lesson computer-based HIV, STI, and pregnancy prevention middle school curriculum.
- 2010 *Websites: It's Your Game Keep It Real, PRC, CHPPR*. Hubs for dissemination of programs, resources, and research.
- 2007 *En Vivo*. A Web-based program to provide tailored education to parents to reduce their children's screen time and increase physical activity.
- 2007 *Heads Up Virtual Molecular Biology Lab*. A multimedia simulation designed to provide advanced placement science high school students with experience in developing a transgenic mouse model.
- 2007 *All About Youth (It's Your Game Risk Avoidance)*. A multimedia abstinence HIV, STI, and pregnancy prevention program for middle school students. Eight computer-based lessons to be incorporated into a 7th- and 8th-grade curriculum.
- 2005 *Booster Break*: Video-based exercise program for worksites. Video designed for real-time use in worksites to encourage improved flexibility and energy.
- 2004 *PDA smoking cessation decision support program for dentists*. Computer-based decision-support, housed in a personal digital assistant, for use in real time in dental clinics.
- 2004 *It's Your Game...Keep It Real*. A multimedia HIV, STI, and pregnancy prevention program for middle school students.
- 2004 *Peacetest.org*. A Web-based risk assessment and remediation program for violence prevention.
- 2002 *ASPIRE: A Smoking Prevention Interactive Experience*. A multimedia smoking prevention and

cessation program for high school students.

2002 *HeadButt*: An Internet smoking risk assessment and intervention for middle school children.

1999 *Stop Asthma Clinical System*. A computer-based decision support program for pediatric asthma management.

1998 *Watch, Discover, Think and Act*. A multimedia CD-ROM program to help children to learn to self-manage asthma. Younger Child Version.

1996 *Watch, Discover, Think and Act*. A multimedia CD-ROM program to help children to learn to self-manage asthma. Older Child Version.

## **PATENTS AND LICENSING AGREEMENTS**

University of Texas Health Science Center at Houston and Educational Training and Research Associates. Copyright License and distribution agreement AGT. No. 2017-4748. It's Your Game. Keep It Real. Nov. 1, 2016 [Tortolero Emery, Markham, Shegog, Peskin-co, developers].

## **REPORTS (NON-PEER REVIEWED)**

1. UTP DSRIP Projects Sustainability Assessment Report. (2017) Prepared by L. Revere, G. Gemeinhardt, M. Peskin, R. Shegog, C. Begley [faculty] and P. Jalan and K. Ochipa (students) for UT Health, University of Texas Physicians, Healthcare Transformation Initiatives. (Project Lead: Lee Revere)
2. UTHealth Houston Inter-Faculty Council (IFC) Report Regarding Intellectual Property (2016). Prepared for the by the IFC Administrative Affairs Subcommittee (Chair: Shegog).
3. Media Guidelines for Parents and Adolescents. (2015). The Games for Health Committee. Submitted to the Institute of Digital Media and Child Development.
4. Innovation Survey Final Report and Executive Summary. (2012). The University of Texas School of Public Health. Submitted to the Dean from the UTSPH Innovation Incubator.
5. Annual Activity Report Evaluation Report. (2009–2011). The University of Texas School of Public Health. Submitted to the UTSPH Faculty Council.
6. Developing and Implementing Educational Strategies and Interventions for Controlling Asthma in Inner-city and High-risk Populations. Six-month and final reports. (1993–1997). Submitted to NHLBI Contract No. N01-H0-39220.
7. Federal Employee Worksite Health Promotion Case Study Project Summary Report. (1993). Submitted to the US Office of Personnel Management.
8. Federal Employee Worksite Health Promotion Case Study Project Case Study Reports. (1991). Submitted to the US Office of Personnel Management.
9. Milosaljevik, M., **Shegog, R.** (1988). Report on the effectiveness of a nutrition education program in lowering serum cholesterol levels in blue collar industrial workers. Submitted to Campbelltown Hospital, New South Wales, Australia.

## **ABSTRACTS, POSTERS, AND ORAL PRESENTATIONS (\*Indicates student author)**

Peskin M, Markham C, Tortolero Emery S, **Shegog R**, Temple J, Baumler E, Addy RC, Cuccaro PM, Hernandez BF, Gabay EK, Thiel MA. (2018) Me & You: An Effective Technology-Based Healthy Relationships Curriculum for Middle School Students. *Society for Prevention Research* 26th Annual Meeting, Washington, DC, May 29 - June 1.

- Shegog R**, Crawford C, Frost EL, Gabay EK, Becker ERB, Coan S, Savas LS, Healy CM, Spinner SW, Fernandez ME, Vernon SW. HPV Cancer Free: Feasibility of a mHealth intervention to influence parent HPV vaccination decision-making. HPV International Conference. Sydney, Australia. Oct. 2-6.
- \*Kimmel B, Anderson J, **Shegog R**. (2018) A Nurse Dyad Model for Collaborative Action Planning and Goal Attainment to Support Patient Self-Management of Stroke Risk Factors. Accepted for oral presentation at the 5th Stochastic Modeling Techniques and Data Analysis International Conference (SMTDA2018), Chania, Crete, Greece; June 12-15.
- Jessen C., **Shegog R**, Markham CM, Torres J, Gorman G, Gaston A, Williamson J, Craig Rushing S, D, Baumler E (2017) Health Native Youth Web Portal: Disseminating evidence-based sexual health programs for Indigenous youth. Accepted to the Congress on Circumpolar Health, August 12-15, 2017
- Hernandez B, Peskin MF, Markham C, **Shegog R**, Gabay E. Implementing Evidence-Based Sexual Health Programs in South Texas Schools: Current Practices and Challenges. Texas Campaign's 7<sup>th</sup> Annual Symposium. *Accepted*.
- \*Becker ERB, Shegog R, Savas LS, Healy CM, Gabay EK, Frost EL, Spinner SW, Fernandez ME, Vernon SW (2018) Tech-based approach to informing mHealth product creation: Online synchronous focus groups, Soc. beh. Med., New Orleans, April 11-14, 2018.
- Shegog, R**. MINDSET. Discovery Center Oral Presentation. Annual Meeting of the American Epilepsy Society (AES). Washington, D.C., Dec. 2 - 6, 2017.
- Begley C, **Shegog R**, Liu H, Tatsuoka C, Spruill T, Friedman D, Fraser R, Johnson E, Bamps Y, Sajatovic M. Correlates of Self-management Behavior in MEW Network Participants. Annual Meeting of the American Epilepsy Society (AES). Washington, D.C., Dec. 2 - 6, 2017.
- Sepulveda R, Halavacs N, Addy R, Chong J, Begley C, **Shegog R**, Martin K, Labiner D. Spanish-MINDSET: Feasibility of Epilepsy Self-Management Decision Support For Spanish Speaking Patients Annual Meeting of the American Epilepsy Society (AES). Washington, D.C., Dec. 2 - 6, 2018.
- MEW Dissemination Workgroup (Chair: **Shegog, R**.) Disseminating evidence-based epilepsy self-management programs: Developing the managing epilepsy well national strategy. Annual Meeting of the American Epilepsy Society (AES). Washington, D.C., Dec. 2 - 6, 2017.
- Eska J, Lairson D, Savas L, **Shegog R**, Healey C, Spinner S, Fernandez M, Vernon S. Implementation costs of a multi-component intervention to increase human papillomavirus (HPV) vaccination in a network of pediatric clinics Jarrod Eska, CPRIT, Austin, Nov. 2017
- Savas L, Farias A, Eska J, Frost E, Healey C, **Shegog R**, Fernandez M, Coan S, Spinner S, Vernon S. Physician-reported human papillomavirus vaccination (HPV) recommendation and initiation among adolescent patients (11- 12 years): Does wording matter? CPRIT, Austin, Nov. 2017.
- Becker E, **Shegog R**, Savas L, Healy C, Gabay E, Frost E, Spinner S, Fernandez M, Vernon S. HPV vaccination in the digital age: Development of HPVcancerFree, a parent-focused smartphone app to increase HPV vaccination rates; CPRIT, Austin, Nov. 2017
- Markham C, Peskin M, Baumler E, Addy R, Laris BA, Thiel M, **Shegog R**, Coyle K, Tortolero Emery S. Examining multilevel factors associated with students' perceived impact of an evidence-based sexuality education curriculum. APHA. Atlanta, GA., Nov.4-8, 2017.

- Begely C, **Shegog R**, Halavacs N, Ahmed N, Guerrero R. Pairing a computer-based clinical decision-support tool with community health worker to enhance self-management practices among patients with epilepsy. APHA. Atlanta, GA., Nov.4-8, 2017.
- \*Kimmel B, Anderson J, Burns JW, George S, Mbue N, Roux K, **Shegog R** (Accepted) A Nurse Dyad Model for Collaborative Action Planning and Goal Attainment to Support Patient Self-Management of Stroke Risk Factors. Program Committee for the State-of-the-Science Stroke Nursing Symposium 2018, International Stroke Conference 2018, Los Angeles, CA, 2018.
- Shegog R**. Craig Rushing S, Jessen C, Lane TL, Gorman G, Gaston A, Koogei Revels T, Torres JD, Williamson J, Baumler E, Addy RC, Peskin MF, Markham CM. Long term psychosocial outcomes for *Native It's Your Game*, A Web-based HIV/STI and Pregnancy Prevention Program for American Indian/Alaska Native Youth. 5<sup>th</sup> Alaska Native Health Research Conference. Anchorage, Alaska, Oct 18, 2017.
- Shegog R**, Hashmi SS, Sereno AB, Biliciler-Denktaş G. Perspectives from the Front Line: Faculty Suggestions for Improving the Workplace. Beyond Resiliency Training. University of Texas System. Houston, TX., 2017.
- Hashmi SS, Biliciler-Denktaş G, **Shegog R**, and Sereno AB. Insights into Faculty Burnout at UTHealth: A Pilot Study. Beyond Resiliency Training. University of Texas System. Houston, TX., 2017.
- Torres, J., Markham, C., **Shegog R**., Peskin, M., Craig Rushing, S., Gaston, A., Gorman, G., Jessen, C., Williamson, J. Online decision support to facilitate adoption of sexual health curricula for AI/AN communities. 9<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health. Washington, DC, Dec 14, 2016.
- Sepulveda R, Halavacs N, Begley C, Chong J, **Shegog R**, Martin K, Labiner D Sp-MINDSET: Usability and feasibility of epilepsy self-management decision support for Spanish speaking patients. American Epilepsy Society Annual Meeting, Dec. 3-6<sup>th</sup>, Houston, TX., 2016.
- Shegog R**, Markham C, Dube S, Peskin M, Wilkerson JM, Santa Maria D, Addy R, Tortolero SR, McLaughlin J. Secret of Seven Stones: Efficacy testing of an innovative, home-based intergenerational sexual health education computer game for middle school aged youth. APHA, Denver, CO, Nov 29-Dec 3, 2016.
- Markham C, Craig Rushing S, Jessen C, Gorman G, Gaston A, Williamson J, Torres J, **Shegog R**: Feasibility of implementing Internet-based health promotion programs for American Indian and Alaska Native youth. APHA 2016 Annual Meeting & Expo. Denver, CO. Oct. 31, 2016.
- Craig Rushing S., Gaston A, Markham C, Jessen C, Gorman G, Torres J, **Shegog R**, Revels T, Williamson J., Lane T: Design and Evaluation of Native It's Your Game: An online sexual health curriculum for American Indian and Alaska Native youth, 12-14 years old. 26<sup>th</sup> Annual Native Health Research Conference, Cherokee, NC. June 5-8, 2016.
- Markham C, Craig Rushing S, Jessen C, Gorman G, Lane T, Torres J, **Shegog R**: Short-term Outcomes from Native It's Your Game: A Web-Based Sexual Health Education Program for American Indian and Alaska Native Youth, SOPHE 2016 Conference, Charlotte, NC, April 1, 2016.
- Dube, S., Ceglie, L., Chaudhary, P., Markham, C., Peskin, M., Santa Maria, D., Williams, D., Wilkerson, J.M., Addy, R., .McLaughlin J, Tortolero, S., **Shegog R**, (2016, April 12). *Secret of Seven Stones: Testing an innovative home-based, computer game to promote parent-child communication and prevent HIV, STIs, and pregnancy in middle school youth*. TPHA Conference, April 2016, Galveston, TX.
- Shegog R**, Sara Dube MPH, Laura Ceglie MPH, Hsingyi Song MD/MPH, Pooja Chaudhary MD, Angela Spencer BS, Christine Markham, PhD, Diane Santa Maria, DrPH, Melissa Peskin, PhD, Jeffery

- McLaughlin BA, J. Michael Wilkerson, PhD., Susan R. Tortolero, PhD. Secret of Seven Stones: Feasibility of an innovative home-based, intergenerational game to prevent HIV, STIs, and pregnancy in middle school youth through parent-child communication. Oral presentation, SOPHE, Charlotte, NC, March 30 – April 1, 2016
- Chaudhary P\*, Dube S, Ceglie L, Pearson DA, Song H, Spencer, A, Markham C, Peskin M, McLaughlin J, Santa Maria D, Wilkerson J, Addy R, & **Shegog R.** (2016) Exploring the Feasibility of an Innovative Inter-Generational Computer Game for Sexual Health Education in Youth with Autism Spectrum Disorder and Other Neurodevelopmental Disabilities: A Mixed-Method Case Study. Presented at the Annual Scientific International Meeting for Autism Research (IMFAR) in Baltimore, Maryland, USA, May 11-14, 2016.
- Chaudhary P\*, Dube S, Ceglie L, Song H, Spencer, A, Rueda S, Pearson DA, Markham C, Peskin M, McLaughlin J, Santa Maria D, Wilkerson J, Addy R, Tortolero S, & **Shegog R.** (2016) The Secret of Seven Stones: An Innovative, Computer Game to Prevent HIV, STIs, and Pregnancy among youth : An Exploratory Study of youth with Autism Spectrum Disorder and other Neurodevelopmental Disabilities. UT Health Student Poster Competition in conjunction with McGovern Award Series-Health Promotion and Behavioral Sciences (HPBS) division of the UT School of Public Health. (First Place Award).
- Hernandez. B.F., Peskin, M.F., **Shegog, R.**, Gabay, E., Cuccaro, P., Addy, R., and Markham, C. (2015). iCHAMPSS: A web-based decision-support system to facilitate the dissemination of evidence-based sexual health programs in school settings. Presented at The National Institutes of Health and AcademyHealth 8<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health, Washington, DC. December. [Poster]
- Revels T, Williamson J, Gaston A, Markham C, Jessen C, Gorman G, Torres J, **Shegog R**, Craig Rushing S., , Lane T: Native It's Your Game: A Multimedia Sexual Health Program for American Indian and Alaska Native Youth, National Sex Ed Conference, New Brunswick, NJ, December 11, 2015.
- Rueda S, Sepulveda R, Chong J, Begley C, **Shegog R** (2015, Dec 4-8) Development of an Epilepsy Self-management Decision-Support Tool: Spanish-MINDSET 4.1. Am Epil. Soc., Philadelphia, PA.
- Gaston A, Markham C, Jessen C, Gorman G, Torres J, **Shegog R**, Craig Rushing S., Revels T, Williamson J., Lane T: Designing, Implementing, and Evaluating Culturally Competent Sexual Health Interventions for American Indian and Alaska Native Teens and Young Adults. National HIV Prevention Conference, Atlanta, GA, December 2015.
- Healy CM, Vernon SW, Savas LS, Lipizzi E, Polivka KM, Coan SP, **Shegog R**, Spinner SW, Miller CA, Fernandez ME. Increasing HPV Vaccination in a Network of Pediatric Clinics in Houston, TX: A Baseline Assessment. Poster presented at the 2015 Texas Immunization Conference, Austin, TX, Nov 18, 2015
- Lipizzi E, Savas LS, Polivka KM, Coan SP, **Shegog R**, Fernandez ME, Healy CM, Spinner SW, Miller CA, Vernon SW. Increasing HPV Vaccination in a Network of Pediatric Clinics in Houston, TX: A Baseline Assessment. Poster presented at the Cancer Prevention & Research Institute of Texas Innovations in Cancer Prevention and Research Conference, Austin, TX, Nov 9, 2015.
- Peskin M, Gabay E, Hernandez B, **Shegog R**, Cuccaro P, Markham C. Usability testing of iCHAMPSS: A web-based decision-support system for adopting and implementing evidence-based sexual health programs in schools. APHA, Chicago, IL. Oct 31 – Nov 3, 2015

- Savas LS, Lipizzi E, Polivka KM, Coan SP, **Shegog R**, Healy CM, Spinner SW, Miller CA, Fernandez ME, Vernon SW. Increasing HPV Vaccination in a Network of Pediatric Clinics in Houston, TX: A Baseline Assessment. Poster presented at the 30th International Papillomavirus Conference & Clinical and Public Health Workshops, Lisbon, Portugal, Sep 18, 2015.
- Shegog R**, Begley C, Harding A, Rueda S. (2015, Sept.) *Development and Evaluation of a Clinic-based Decision Support System for Epilepsy Self-management in the United States*. International League Against Epilepsy and the International Epilepsy Association. Istanbul, Turkey, Sept. 5-9.
- Gaston A, Torres J, Markham C, Rushing S, Jessen C, Gorman G, Lane T, Revels T, Williamson J, **Shegog R**: NATIVE It's Your Game: Toward Tech-based Sexual Health Education for American Indian and Alaska Native Youth. 2015 Youth Technology Health Annual Meeting, San Francisco, CA, April 26, 2015.
- \*Dube S, Ceglio L, Song H, Markham C, Santa Maria D, Peskin M, McLaughlin J, Lahiri C, Wilkerson JM, Tortolero SR, , **Shegog R** (2015, April) *Secret of Seven Stones: A Game to Prevent HIV/STI and Pregnancy by Parent-Child Communication*. Annual Meeting of the Society of Behavioral Medicine, San Antonio, TX.
- Begley C, **Shegog R**, Harding A, Newmark M, Coffman V, Goldsmith C, Hope O, McLaughlin J, Williams D. (2014, Dec.) *A Randomized Efficacy Trial of a Clinic-based Decision Support System for Epilepsy Self-management*. Annual Meeting of the American Epilepsy Society, Seattle, WA. Dec 6 – 8, 2014.
- Escoffery C, Bamps Y, Thompson N, LaFrance Jr. WC, Stoll S, **Shegog R**, Buelow J, Shafer P (2014, Dec). Development and Field-Testing of an Epilepsy Self-management Instrument for Adults with Epilepsy. American Epilepsy Society Annual Meeting, Seattle, Washington, Dec. 6-8, 2014, poster.
- Shegog R**, McLaughlin J, Markham C, Dcruz J, Dube S, Santa Maria D, Peskin M, Lahiri C, Wilkerson JM, Tortolero SR (2014, Oct.) *Usability Testing of "The Secret of Seven Stones", An Innovative Home-Based Online Game to Prevent HIV/STI and Pregnancy In Middle School Youth through Parent-Child Communication*. 142nd APHA Annual Meeting & Exposition, New Orleans, LA.
- Peskin MF, **Shegog R**, Markham CM, Baumler ER, Addy RC, Thiel M, Gabay, EK, Tortolero, SR (2014, Nov.) *It's Your Game Tech: Web-based HIV, STD, and Pregnancy Prevention for Middle School Students*. 142nd APHA Annual Meeting & Exposition, New Orleans, LA.
- Shegog R**, Markham C, Craig-Rushing S, Gorman G, Jessen C, Lane T, Torres J, Gaston A, Revels T, Williamson J (2014, Nov.) *Adaptation of a multimedia sexual health education program for American Indian and Alaska Native Youth*. 142nd APHA Annual Meeting & Exposition, New Orleans, LA.
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- \*D'Cruz, J., Markham, C., Peskin, M., Santa Maria, D., McLaughlin, J., Lahiri, C., Williams, D., Tortolero, S., Wilkerson, J.M., Dube, S., Song, H., & **Shegog, R.** (2014, June 8-10). *Beyond The Talk: A Qualitative Review of needs assessment and concept testing of an online home based sexual health life skills training program*. Academy Health Annual Research Mtg., San Diego, CA.
- \*Ceglio, L., Markham, C., Peskin, M., Santa Maria, D., McLaughlin, J., Lahiri, C., Williams, D., Tortolero, S., Wilkerson, J.M., Dube, S., Song, H., & **Shegog, R.** (2014, June 10-11). *The Secret Of Seven Stones:*



*Developing a Serious Game for Family-Based Life Skills Development*. Emerging TE(X)CHS Conference, Houston, TX.

\*Dube, S., Dcruz, J., Markham, C., Peskin, M., Santa Maria, D., McLaughlin, J., Lahiri, C., Williams, D., Wilkerson, J.M., Song, H., Ceglie, L., Tortolero, S., & **Shegog, R.** (2014, August 19-21). *Usability Testing of an Online Home-Based Adventure Game for Adolescent Sexual Health Education*. 2014 Texas HIV-STD Conference, Austin, TX.

**Shegog R**, McLaughlin J, Markham C, Dcruz J, Dube S, Santa Maria D, Peskin M, Lahiri C, Wilkerson JM, Tortolero SR. (2014, July). *The Secret of Seven Stones: Development of an Innovative Home-based Online Game to Prevent HIV/STI and Pregnancy in Middle School Youth through Parent-Child Communication*. AIDS 2014, Melbourne, Australia.

Craig-Rushing, S. N., Gaston A, **Shegog, R.**, Markham, C. Torres, J., Jessen, C., Taija Ka.choow Revels , Gorman, G., Lane, T. (2014, June). *Developing technology-based interventions to promote health among American Indian and Alaska Native teens and young adults*. Native Health Res Conf., Phoenix, AZ.

Lane T, Gorman G, Gaston, A, Torres J, Jessen C, Revels T, Craig-Rushing S, **Shegog R**, Peskin M, Markham C. (2014, June 4-6). *Developing a parent-child component of NATIVE It's Your Game*. HHS Teen Pregnancy Prevention Grantee Conference Mtg., Washington , DC.

Drenner KL, Kelder SH, Springer AE, **Shegog R**, Barrosa C, Hoelscher DM. (2014, May). *Feasibility of a telephone brief motivational enhancement intervention to reduce TV time aimed at parents of low income, Texas Rio Grande Valley 4<sup>th</sup> graders*. International Society of Behavior, Nutrition, and Physical Activity (ISBPA) Annual Conference, San Diego, CA.

Sharma SV, **Shegog R**, Pomeroy M, Hoelscher DM. *Usability of the Quest to Lava Mountain (QTLM): A serious computer game targeting healthy dietary habits in children*. Poster presentation, International Society of Behavior Nutrition and Physical Activity (ISBPA) annual conference, May 2014 San Diego, CA.

Oldenburg, B., Wilhide, C., Kouyate, R., McLaughlin, J., & **Shegog, R.** (2014, April). It's Your Game: a case study in realizing long-term value via structured development processes. In R. A. Kouyate (Chair), *The Steak is More than Sizzle: Behavior Change Models in eHealth Applications*. Symposium conducted at the meeting of The Society of Behavioral Medicine Annual Conference, Philadelphia, PA.

Begley C, **Shegog R**, Harding A, Newmark M, Goldsmith C, Hope O, Coffman, V. (2013, December). *Longitudinal Feasibility Testing of the MINDSET Version 2.1: A Clinic-Based Decision Support System for Epilepsy Self-Management*. American Epilepsy Society 67th Annual Meeting, Washington, DC.

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Gaston, A., Revels, T., **Shegog, R.** and Markham, C.: Multi-Media Sexual Health Interventions for American Indian/Alaska Native Youth. Family and Youth Services Bureau's Second Annual Teen Pregnancy Prevention Grantee Conference, May 29-31, 2013.

Gaston, A., Revels, T. K., Ferguson, J., **Shegog, R.**, Markham, C. M. (2013, April). *Tech-based Initiatives to Impact the Health of American Indian/Alaska Native Youth*. 6th Annual YTH Live Conference, San Francisco, CA.

- Markham C and **Shegog R.** Adaptation of a computer-based HIV, STI, and teen pregnancy program for Native American and Alaska Native youth. Center for AIDS Research (CFAR) AIDS Research Forum, Baylor College of Medicine, Houston, TX. March 18, 2013.
- McLaughlin, J., **Shegog, R.**, Begley, C. (2012, December). *MINDSET: A Clinic-Based Decision Support System for Epilepsy Self-Management*. 2012 mHealth Summit, Washington, DC.
- Shegog, R.**, Begley, C., Harding, A. (2012, November–December). *Feasibility of MINDSET: A Clinic-Based Decision Support System for Epilepsy Self-Management*. AES 66th Annual Meeting, San Diego, CA.
- Thiel, M., **Shegog, R.**, Peskin, M., Markham, C., Karny, E., Tortolero, S. (2012, November). *Usability Testing of “It’s Your Game Tech,” Web-Based HIV, STI, and Teen Pregnancy Prevention*. 2012 Annual Meeting of the Society for the Scientific Study of Sexuality: Sexual Science 2.0 – Technological Innovations in Sexuality Research, Tampa, FL.
- Torres, J., **Shegog, R.**, Craig-Rushing, S. N., Gorman, G., Jessen, C., Leston, J., Lane, T., Stephens, D., \*Odeneye, E. O., Peskin, M., Markham, C. (2012, October). *Adaptation of a Computer-based HIV, STD, Teen Pregnancy Prevention Program for American Indian and Alaska Native Youth*. 140th APHA Annual Meeting & Exposition, San Francisco, CA.
- Karny, E., Li, D., Markham, C., **Shegog, R.**, Hernandez, B., Johnson, K., Weerasinghe, I. S., Leahy, M., Reed-Hirsch, K., Cardenas, A., Peskin, M. (2012, October). *ICHAMPSS: An Online Decision-support System for Adoption and Implementation of Evidence-Based Sexual Health Curricula in Schools*. 140th APHA Annual Meeting & Exposition, San Francisco, CA.
- Markham, C., Peskin, M., Baumler, E., **Shegog, R.**, Thiel, M., Addy, R., Leah, R., Tortolero, S. (2012, October). *Influencing Adolescent Sexual Health: Long-term Behavioral Outcomes from Two Sexual Health Education Curricula for Middle School Youth*. 140th APHA Annual Meeting & Exposition, San Francisco, CA.
- \*D’Cruz, J. J., **Shegog, R.**, Iyengar, M. S., Peskin, M. F., Caughy, M. O., Diamond, P. M. (2012, October). *Improving Health Care Quality and Safety: The Role of Executive Cognitive Function (ECF) in Health-related Web Based Self-regulation Skills Training in Middle School Youth*. 22nd Keck Annual Research Conference, Houston, TX.
- Markham, C., Peskin, M., Baumler, E., **Shegog, R.**, Thiel, M., Addy, R., Tortolero, S. (2012, July). *Long-term Behavioral and Psychosocial Outcomes from Two Middle School HIV Prevention Programs*. AIDS 2012, Washington, DC.
- Beasley, N., Sharma, S., **Shegog, R.**, Huber, R., Abernathy, P., Smith, C., Hoeschler, D. (2012, May). *The Quest to Lava Mountain: Using Video Games for Dietary Change in Children*. 2012 Annual ISBNPA Meeting, Austin, TX.
- \*Liyanage, W., **Shegog, R.**, Markham, C. M., Leonard, A., Bui, T., Paul, M. (2012, April). *Evaluation of Web-based Resources for HIV+ Youth*. Sex::Tech 2012, San Francisco, CA.
- Shegog, R.**, Begley, C., Harding, A., Dubinsky, S., Newmark, M., Ojukwu, N., Friedman, D., McLaughlin, J., Williams, D. (2011, December). *MINDSET: Management Information & Decision Support Epilepsy Tool*. 2011 mHEALTH Summit, Washington, DC.
- Shegog, R.**, Begley, C., Iyagba, B., Harding, M., Dubinsky, S., Newmark, M., Ojukwu, N., Friedman, D. (2011, December). *MINDSET: The Development and Testing of a Clinic-based Self-management Decision Support*

*System. Professionals in Epilepsy Care Symposium: New Evidence in Psychosocial Interventions for Managing Epilepsy*, AES 65th Annual Meeting, Baltimore, MD.

- Shegog, R.**, Peskin, M., Markham, C., Thiel, M., Karny, E., Escobar-Chaves, S. L., Tortolero, S. (2011, October–November). *It's Your Game – Tech: A Web-Based HIV, STI, and Pregnancy Prevention Middle School Curriculum*. 139th APHA Annual Meeting & Exposition, Washington, DC.
- \*Johnson, K., Cruz, M., Cruz, J., Pettitt, E., Norsworthy, S., **Shegog, R.** (2011, October–November). *Teen Scene Investigators: Training Youth as Researchers in Adolescent Sexual Health*. 139th APHA Annual Meeting & Exposition, Washington, DC.
- Peskin, M., Markham, C., Addy, R., Thiel, M., Escobar-Chaves, S. L., **Shegog, R.**, Tortolero, S. (2011, October–November). *Prevalence and Correlates of Sexting, Cyberbullying, and Risky Internet Use among Urban High School Students*. 139th APHA Annual Meeting & Exposition, Washington, DC.
- \*Flores, B., \*Li, D., Weerasinghe, I. S., Peskin, M., **Shegog, R.**, Markham, C., Johnson, K., Ratcliff, E., Tortolero, S. (2011, October–November). *Replicating Sexual Health Programs in School-based Settings: A Model for Schools*. 139th APHA Annual Meeting & Exposition, Washington, DC.
- Ratcliff, E., Tortolero, S., Peskin, M., Markham, C., Johnson, K., **Shegog, R.** (2011, October–November). *Statistics and Stories: Using Different Forms of Evidence to Mobilize School Districts for Sex Education in Harris County, Texas*. 139th APHA Annual Meeting & Exposition, Washington, DC.
- Markham, C., Peskin, M., **Shegog, R.**, Thiel, M., Addy, R., Baumler, E., Escobar-Chaves, S. L., Reininger, B. M., Robin, L., Tortolero S. (2011, October–November). *Improving Adolescent Sexual Health: Behavioral and Psychosocial Outcomes from Two Sexual Health Education Curricula for Middle School Youth*. 139th APHA Annual Meeting & Exposition, Washington, DC.
- Hsu, C. E., Brixey, J., Turley, J. P., Zeng, R., **Shegog, R.** (2011, October–November). *When Virtual Reality Meets Informatics: Teaching Health Informatics Using Second Life*. 139th APHA Annual Meeting & Exposition, Washington, DC.
- \*Odeneye, E., **Shegog, R.**, Markham, C., Peskin, M., Craig-Rushing, S., Stephens, D. (2011, October–November). *Usability Testing of an Evidence-based Teen Pregnancy/STI Prevention Program for American Indian/Alaska Native Youth: A Multi-site Assessment*. AEA Annual Conference: Evaluation 2011, Anaheim CA.
- \*Li, D., Hernandez, B., Peskin, M., **Shegog, R.**, Markham, C., Johnson, K., Ratcliff, E., Weerasinge, I. S., Tortolero, S. (2011, October). *Using Intervention Mapping to Develop a Decision-support System to Facilitate the Implementation of Evidence-based Programs in Schools*. TSOPHE Fall 2011 Conference, Houston, TX.
- \*Widumini, M. L., **Shegog, R.**, Markham, C. M., Leonard, A., Bui, T., Pettit, E., Paul, M. (2011, October). *Evaluation of Web-based Resources for HIV+ Youth*. TSOPHE Fall 2011 Conference, Houston, TX.
- \*Siddiqui, A., Walji, M., **Shegog, R.** (2011, October). *Physical Activity in a Culturally and Linguistically Diverse Population of South Asian Women*. 21st Keck Annual Research Conference, Bioscience Research Collaborative, Houston, TX.
- \*Johnson, K., Peskin, M. F., Tortolero, S., **Shegog, R.**, Markham, C., Flores, B. F., Li, D. H., Tucker, N. M., Leahy, M. K., Weerasinghe, I. S., Songondo, S. W. (2011, April). *Using Data and Advocacy to Disseminate Evidence-based Sex Education in Middle Schools*. PRC 2011 Annual Conference, Atlanta, GA.

- \*Johnson, K. A., Hernandez, B. F., Li, D., Leahy, M., Weerasinghe, I. S., Wisdom, S., Ratliff, E., Tucker, N., Peskin, M., **Shegog, R.**, Markham, C., Tortolero, S. (2011, April). *CORE Project: Developing a Web Based Decision Support System for Adopting Effective Sexual Health Education Programs*. PRC 2011 Annual Conference, Atlanta, GA.
- Shegog, R.**, Tortolero, S., Markham, C., Peskin, M. (2011, April). *It's Your Game: A Case Study*. Sex::Tech 2011, San Francisco, CA.
- Shegog, R.**, Markham, C., Craig-Rushing, S., Jessen, C., Leston, J., Gorman, G. (2011, April). *Developing Partnerships to Promote Innovative Approaches to Preventing Teen Pregnancy among Underserved Populations*. "Successes: Video Worlds and Virtual Games," Sex::Tech 2011, San Francisco, CA.
- \*Li, D. H., Leahy, M. K., Peskin, M. F., Markham, C. M., **Shegog, R.**, Johnson, K. A., Rodriguez, B. F., Weerasinghe, I. S., Tortolero, S. R. (2011, April). *Getting the Word Out: Innovations in Training and Dissemination*. Sex::Tech 2011, San Francisco, CA.
- \*Flores, B., Tortolero, S., Peskin, M., Markham, C., **Shegog, R.**, Tucker, N., Tyrrell, S., Johnson, K. (2010, December). *Making Data Work for You: Advocacy Tools that Changed Perspectives towards Sexual Health Education in School Personnel in Texas*. 16th Annual Maternal & Child Health Epidemiology Conference, San Antonio, TX.
- Kobau, R., DiIorio, C. K., Bamps, Y. A., Thompson, N., Clark, N. M., Begley, C. E., **Shegog, R.**, Fraser, R. T., Ciechanowski, P. (2010, December). *Translating Research to Practice: Self-management Interventions from the CDC Managing Epilepsy Well Network*. AES 64th Annual Meeting, San Antonio, TX.
- Begley, C. E., **Shegog, R.**, Iyagba, B., Chen, V., Dubinsky, S., Newmark, M., Ojukwu, N., Friedman, D. (2010, December). *Socioeconomic Status and Self-management in Epilepsy: Comparison of Diverse Clinical Populations in Houston, Texas*. AES 64th Annual Meeting, San Antonio, TX.
- Shegog, R.**, Peskin, M., Tyrrell, S., Johnson, K., Markham, C., Addy, R., Flores, B., Tortolero, S. (2010, November). *The It's Your Game, Keep It Real Website. A Virtual Tour*. Winner of the APHA PHEHP Digital Media Award. 138th APHA Annual Meeting & Exposition, Denver CO.
- \*Siddiqui, A., Linder, S., **Shegog, R.**, Walji M. (2010, November). *Social and Mental Health Challenges of Urban-dwelling Pakistanis in the Post-9/11 Era*. Best Student Abstract by Asian Pacific Island Caucus. 138th APHA Annual Meeting & Exposition, Denver CO.
- \*Flores, B., Peskin, M. F., Markham, C. M., **Shegog, R.**, Tyrrell, S. D., Johnson, K. A., Addy, R., Tortolero, S. (2010, May). *Dissemination of an Evidence-based Pregnancy, STD, and HIV Prevention Program in Middle Schools in Houston, TX*. Department of State Health Services 17th Annual Texas HIV/STD Conference: Foundations for the Future, Austin, TX.
- Escobar-Chaves, S. L., **Shegog, R.**, Markham, C. M. (2009, November). *Adapting an Effective Sexual Education Program for Use in Puerto Rico*. 137th APHA Annual Meeting & Exposition, Philadelphia, PA.
- Markham, C. M., Thiel, M., Addy, R. C., Peskin, M. F., **Shegog, R.**, Escobar-Chaves, S. L., Reininger, B., Robin, L., Tortolero, S. R. (2009, November). *Making the Grade: Preliminary Psychosocial Results from Two Sexual Health Education Curricula for Middle School Youth*. 137th APHA Annual Meeting & Exposition, Philadelphia, PA.
- \*Flores, B., Peskin, M., Markham, C., Tyrrell, S., Johnson, K., **Shegog, R.**, Addy, R., Tortolero, S. (2009, November). *Sexual Health Education from the Perspective of School Personnel: Implications for the*

*Dissemination of Effective Programs in Middle School*. 137th APHA Annual Meeting & Exposition, Philadelphia, PA.

\*Drenner, K., Kelder, S. H., Springer, A. E., **Shegog, R.**, Barroso, C., Agurcia-Parker, C., Hoelscher, D. (2009, November). *Motivating Texas Rio Grande Valley Parents to Remove the TV from their 2nd-grade Child's Bedroom via Motivational Enhancement Interviews*. 137th APHA Annual Meeting & Exposition, Philadelphia, PA.

\*Drenner, K., Kelder, S. H., Springer, A. E., **Shegog, R.**, Barroso, C., Agurcia-Parker, C., Hoelscher, D. (2009, November). *Feasibility of a Telephone Brief Motivational Enhancement Intervention to Reduce TV Time Aimed at Parents of Low Income, Texas Rio Grande Valley 4th Graders*. 137th APHA Annual Meeting & Exposition, Philadelphia, PA.

Peskin, M., Tyrrell, S., Johnson, K., **Shegog, R.**, Tortolero, S., Markham, C., Flores, B. (2009, August). *Using Intervention Mapping to Disseminate an Evidence-based HIV Prevention Program for Middle Schools*. 2009 National HIV Prevention Conference, Atlanta, GA.

Springer, A. E., Kelder, S. H., Barroso, C., Drenner, K., **Shegog, R.**, Hoelscher, D. M. (2009, June). *Parental Influences on Television Watching among Children Living on the Texas-Mexico Border*. 2009 Annual ISBNPA Meeting, Lisbon, Portugal.

**Shegog, R.** (2009, April). *Behavioral Theory to Silicon Chip in the Service of Adolescent Behavior Change*. Teens and Technology Conference, Houston, TX.

**Shegog, R.**, Peskin, M., Tyrrell, S., Johnson, K., Markham, C., Addy, R., Flores, B., Tortolero, S. (2009, March). *Disseminating an Evidence-based HIV Prevention Program for Middle School: The "It's Your Game" Curriculum Website*. Sex::Tech 2009, San Francisco, CA.

Begley, C., **Shegog, R.**, Talluri, K., Chen, C., Newmark, M., Dubinsky, S., Barnwell, F., Wright, R., Basu, R., Lairson, D., Reynolds, T. (2008, December). *Socioeconomic Differences in Self-management and Its Impact on Health Care Use and Outcomes in Epilepsy*. AES 62nd Annual Meeting, Seattle, WA.

**Shegog, R.**, Markham, C., Peskin, M., Coton, C., Tortolero, S. (2008, December). *It's Your Game*. Regional Games For Health Project "Shorts," Games For Health Houston Regional Conference, Rice University, Houston, TX.

**Shegog, R.**, Markham, C., Peskin, M., Coton, C., Tortolero, S. (2008, October). *When the LAN "Party," Virtual World Gaming Technology, and Middle School Classroom Collide: Will Sex Ed Ever Be the Same?* 136th APHA Annual Meeting & Exposition, San Diego, CA.

Markham, C., Peskin, M., McKirahan, N., **Shegog, R.**, Escobar-Chaves, S. L., Tortolero, S. (2008, October). *Addressing Challenges in the Development of HIV, STI, and Pregnancy Prevention Programs for Middle School Students*. 136th APHA Annual Meeting & Exposition, San Diego, CA.

Peskin, M., Markham, C., **Shegog, R.**, Thiel, M., Tortolero, S. (2008, October). *Overcoming Challenges for the Delivery of HIV, STI, and Pregnancy Prevention Programs in Early Adolescents*. 136<sup>th</sup> Annual Meeting of the American Public Health Association, San Diego, Oct 25-29, 2008

Tortolero, S., Markham, C., Peskin, M., **Shegog, R.**, Addy, R., Baumler, E. (2008, October). *An Innovative HIV, STI, and Pregnancy Prevention Program That Works: The "It's Your Game...Keep It Real Program" for Middle School Students*. 136th APHA Annual Meeting & Exposition, San Diego, CA.

- Markham, C., Leonard, A., **Shegog, R.**, Paul, M., Bui, T. (2008, October). *+CLICK: Usability Study of a Web-based, Self-management Program for HIV+ Youth*. 136th APHA Annual Meeting & Exposition, San Diego, CA.
- Markham, C., Peskin, M., Addy, R., Baumler, E., Thiel, M., **Shegog, R.**, Reininger, B., Escobar-Chaves, S. L., Robin, L., Tortolero, S. (2008, October). *Early Initiation of Sexual Risk-taking Behaviors among Urban Middle School Students: Prevalence and Protective Factors*. 136th APHA Annual Meeting & Exposition, San Diego, CA.
- Peskin, M. F., Markham, C. M., **Shegog, R.**, Addy, R. C., Baumler, E. R., Tortolero, S. (2008, August). *It's Your Game...Keep it Real: Long-term Results for an HIV, STI, and Pregnancy Prevention Program for Middle School Students*. 10th International Congress of Behavioral Medicine, Tokyo, Japan.
- Phelps, C. L., Willcockson, I., **Shegog, R.**, Hoelscher, D. M. (2008, May). *Food Fury: Casual Games for Health*. Games for Health Annual Conference, Baltimore, MD.
- Markham, C., Leonard, A., **Shegog, R.**, Paul, M. (2008, April). *Feasibility of a Prototype Computer-based Self-management Program for HIV+ Youth*. AIDS Research Forum, Baylor–UTHouston Center for AIDS Research, Houston, TX.
- \*Gaspers, M. G., **Shegog, R.**, Brody, B. A., Jefferson, L. S. (2008, March). *Healthcare Provider Perspectives on Parental Refusal of Medical Interventions: A Qualitative Study*. Baylor Fellow's Day, Baylor College of Medicine, Houston, TX.
- Markham, C., Leonard, A., **Shegog, R.**, Paul, M., Bui, T. (2007, December). *Positive CLICK: A Computerized Educational Program for HIV-infected Youth*. 2nd Annual Retreat of the Baylor–UTHouston Center for AIDS Research, Houston, TX.
- Leonard, A., Markham, C., Bui, T., **Shegog, R.**, Paul, M. (2007, December). *HIV+ Youth Speak Out: Insights for Secondary Prevention*. 2007 National HIV Prevention Conference, Atlanta, GA.
- Leonard, A., Paul, M., **Shegog, R.**, Bui, T., Markham, C. (2007, November). *The Young and HAART: Perspectives of HIV+ Youth and Healthcare Providers*. US Conference on AIDS, Palm Springs, CA.
- Markham, C., Thiel, M., Spooner, K., McKirahan, N., **Shegog, R.**, Peskin, M., Tortolero, S., Reininger, B., Robin, L. (2007, November). *Using Intervention Mapping to Develop, Implement, and Evaluate Comparable Abstinence and Comprehensive Sexuality Curricula*. 135th APHA Annual Meeting & Exposition, Washington, DC.
- Shegog, R.**, Drenner, K., Phelps, C., Springer, A., Kelder, S. (2007, June). *En Vivo: Translating Motivational Enhancement Strategies for a Web-based Intervention to Reduce Screen Time among Hispanic Children*. 2007 Annual ISBNPA Meeting, Oslo, Norway.
- \*Drenner, K. L., Perez, N. J., **Shegog, R.**, Springer, A. E., Kelder, S. H. (2007, May). *En Vivo: If We Call Them, Will They Come? A Telephone-based Brief Motivational Enhancement Intervention Targeting TV Time*. UT Research Day, Houston, TX.
- \*Agurcia, C., Kelder, S. H., **Shegog, R.**, Hoelscher, D. (2007, May). *Formative Evaluation of the Time Twisters: A Comic Book-based Obesity Prevention Curriculum for Elementary School Students*. UT Research Day, Houston, TX.
- \*Mowry, M., **Shegog, R.**, Sessions, N., Murray, N. G. (2007, May). *An Innovative Approach to Impacting Student Academic Achievement and Attitudes: Pilot Study of the HEADS UP Virtual Molecular Biology Lab*. UT Regional Teaching and Learning Conference, Houston, TX.

- Tortolero, S., Markham, C., **Shegog, R.**, Peskin, M. (2007, January). *“It’s Your Game”: A Multimedia Curriculum to Prevent HIV/STI and Pregnancy for Middle Schoolers*. Sex::Tech 2007, San Francisco, CA.
- Markham, C., Tortolero, S., Peskin, M., **Shegog, R.**, Addy, R., Baumler, E., McKirahan, N. (2006, November). *Short-term Impact Evaluation of It’s Your Game...Keep It Real: A Multimedia HIV/STI and Pregnancy Prevention Program for Middle School Youth*. 134th APHA Annual Meeting & Exposition, Boston, MA.
- Murray, N., Sessions, N., Mowry, M., **Shegog, R.** (2006, November). *Research Translated into K–12 Curricula*. UT Research Day, Houston, TX.
- \*Brown, A., Pavlik, V., **Shegog, R.**, Whitney, S., Friedman, L., Romero, C., Davis, G. C., Cech, I., Kosten, T., Volk, R. (2006, July). *Knowing Your Higher Power: A Seven-week Spiritual Involvement Intervention for Twelve-step Substance Abuse Treatment*. 4th Biennial International Conference on Personal Meaning, Vancouver, Canada.
- Walters, S. T., Wright, J. A., **Shegog, R.**, Matson, S. A. (2006, May). *A Review of Computer and Internet-based Interventions for Smoking Behavior*. Advances in Teaching and Learning Regional Conference, Houston, TX.
- Markham, C. M., Robin, L., Thiel, M., Spooner, K., McKirahan, N., Fleschler, M., **Shegog, R.**, Escobar-Chaves, S. L., Tortolero, S. (2005, December). *Designing Comparable Abstinence Education and Comprehensive Sexuality Curricula*. 133rd APHA Annual Meeting & Exposition, Philadelphia, PA.
- Murray, N. G., Sessions, N., Castro, G. A., Hobbs, M., **Shegog, R.**, Zsigmond, E. (2005, December). *Public Health and K–12 Science: Teaming with Teachers to Develop Science Curriculum*. 133rd APHA Annual Meeting & Exposition, Philadelphia, PA.
- Walters, S. T., Wright, J. A., **Shegog, R.**, Matson, S. A. (2005, December). *A Review of Computer and Internet-based Interventions for Smoking Behavior*. 133rd APHA Annual Meeting & Exposition, Philadelphia, PA.
- Prokhorov, A. V., Kelder, S. H., **Shegog, R.**, Cinciripini, P. M., Murraray, N., De Moor, C. (2005, June). *ASPIRE Multimedia Tobacco Curriculum for Youth: Development and Results*. Critical Issues in eHealth Research Conference, Bethesda, MD.
- Murray, N. G., Hobbs, M., Castro, G. A., **Shegog, R.**, Reininger, B., Franklin, D. (2005, May). *It Takes a Multidisciplinary Team Informed by K–12 Teachers to Develop a K–12 Curriculum: The HEADS UP Process*. Recipient of a \$500 prize for “Best Poster Session.” Advances in Teaching and Learning: Scholarship of Teaching Regional Conference, The University of Texas Health Science Center at Houston, Houston, TX.
- Dancel, T. M., **Shegog, R.**, Markham, C., Peskin, M., Coton, C., Ledet, R., Pena, R., Tortolero, S. R. (2005, May). *“It’s Your Game...Keep It Real”: Feasibility of an Innovative Multimedia “Virtual World” to Prevent HIV, STIs, and Pregnancy in Middle School Youth*. Recipient of a \$500 prize for “Best Poster Session.” Advances in Teaching and Learning: Scholarship of Teaching Regional Conference, The University of Texas Health Science Center at Houston, Houston, TX.
- Prokhorov, A. V., Kelder, S. H., **Shegog, R.**, Cinciripini, P. M., Peters, R., Jr., Agurcia-Parker, C. (2005, March). *ASPIRE: Outcomes from a Computer-based Smoking Prevention and Cessation Curriculum*. 11th Annual Society for Research on Nicotine and Tobacco Meeting & 7th Annual Society for Research on Nicotine and Tobacco European Conference, Prague, Czech Republic.

- Prokhorov, A. V., Kelder, S. H., Billip, S. H., **Shegog, R.**, Marani, S., De Moor, C. (2004, November). *Project ASPIRE: Intermediate Results from a Multimedia Smoking Prevention and Cessation Program for Adolescents*. 132nd APHA Annual Meeting & Exposition, Washington, DC.
- Shegog, R.**, Markham, C., McKirahan, N., Fleschler, M., Coton, C., Chapman, E., Low, B., Hurt, D., Spooner, K., Tortolero, S. (2004, November). *It's Your Game...Keep It Real: Feasibility of an Innovative Multimedia HIV/STI and Pregnancy Prevention Program for Middle School Youth*. 132nd APHA Annual Meeting & Exposition, Washington, DC.
- \*Howard, B., Benjamins, L. J., Stelzig, D., McAlister, A., Grussendorf, J., **Shegog, R.** (2004, November). *WebEngage: Moral Disengagement and www.Peacetest.org*. 132nd APHA Annual Meeting & Exposition, Washington, DC.
- Markham, C., **Shegog, R.**, McKirahan, N., Fleschler, M. (2004, October). *It's Your Game...Keep It Real: Translating Theory into Practice for the Development of a Multi-component HIV/STI and Pregnancy Prevention Program for Middle School Youth*. 78th Annual ASHA School Health Conference, Pittsburgh, PA.
- Markham, C., Fleschler, M., McKirahan, N., **Shegog, R.**, Low, B., Spooner, K., Hurt, D., Escobar-Chaves, S. L., Thiel, M., Youmans, S., Addy, R., Tortolero, S. (2004, May). *Using Intervention Mapping to Develop an HIV/STD and Pregnancy Prevention Program for Middle School Youth*. Society for Prevention Research 12th Annual Meeting, Quebec City, Canada.
- \*Ford, K., **Shegog, R.**, McAlister, A., Meshack, A., Hu, S., Peters, R. (2004, February). *Theory and Data-based Internet Technology for Cost-effective Smoking Prevention*. The University of Texas Regional Conference on Teaching and Learning, Houston, TX.
- \*Howard, B., Benjamins, L., McAlister, A., Grussendorf, J., **Shegog, R.** (2004, February). *Web Engagement: Moral Disengagement and the Peacetest Web Site*. The University of Texas Regional Conference on Teaching and Learning, Houston, TX.
- Shegog, R.**, Markham, C., McKirahan, N., Fleschler, M., Coton, C., Chapman, E., Low, B., Hurt, D., Spooner, K., Tortolero, S. (2004, February). *It's Your Game...Keep It Real: An Interactive Description of a CD-ROM-based Component of a HIV/STI and Pregnancy Prevention Program for Middle School Youth*. The University of Texas Regional Conference on Teaching and Learning, Houston, TX.
- Markham, C., McKirahan, N., Fleschler, M., **Shegog, R.**, Low, B., Spooner, K., Hurt, D., Escobar-Chaves, S. L., Thiel, M., Tortolero, S. (2004, February). *Using Intervention Mapping to Develop an HIV/STD and Pregnancy Prevention Program for Middle School Youth*. The University of Texas Regional Conference on Teaching and Learning, Houston, TX.
- \*Agurcia, C., **Shegog, R.**, Murray, N. G., Kelder, S., Prokhorov, A., Peters, R., Cinciripini, P., de Moor, C., Billip, S., Stepanik, C. (2004, February). *Description and Demonstration of ASPIRE: A Computer-based Interactive Smoking Prevention and Cessation Program for Adolescents*. The University of Texas Regional Conference on Teaching and Learning, Houston, TX.
- Shegog, R.**, Meshack, A., Hart-Ford, K., Hu, S., Peters, R., McAlister, A. (2003, December). *Theory and Data-based Internet Technology for Cost-effective Smoking Prevention*. 2003 National Conference on Tobacco or Health, Boston, MA.
- Prokhorov, A. V., Kelder, S. H., **Shegog, R.**, Murray, N. G., Cinciripini, P., de Moor, C., Peters, R., Jr., Conroy, J. L. (2003, December). *Project ASPIRE: A Smoking Prevention Interactive Experience for Adolescents*. 2003 National Conference on Tobacco or Health, Boston, MA.



- Markham, C., Fleschler, M., McKirahan, N., Escobar-Chaves, S. L., **Shegog, R.**, Low, B. J., Thiel, M., Addy, R. C., Tortolero, S. (2003, November). *Using Intervention Mapping to Develop an HIV/STD and Pregnancy Prevention Program for Middle School Youth*. 131st APHA Annual Meeting & Exposition, San Francisco, CA.
- Shegog, R.**, Conroy, J., Murray, N. G., Agurcia, C., Kelder, S., Prokhorov, A. (2003, November). *Process Evaluation of ASPIRE: A CD-ROM-based Smoking Curriculum for High School Students*. 131st APHA Annual Meeting & Exposition, San Francisco, CA.
- Kelder, S. H., Prokhorov, A. V., Murray, N. G., **Shegog, R.**, Conroy, J. L., Agurcia, C. (2003, November). *ASPIRE: Project Design of a CD-ROM-based Smoking Prevention And Cessation Curriculum For Urban Youth*. 131st APHA Annual Meeting & Exposition, San Francisco, CA.
- Conroy, J., Agurcia, C., **Shegog, R.**, Griffith, J., Kelder, S. H., Prokhorov, A. (2003, November). *Barriers to Public School Implementation of ASPIRE, a Computer-based Smoking Prevention and Cessation Program*. 131st APHA Annual Meeting & Exposition, San Francisco, CA.
- Murray, N. G., Conroy, J., **Shegog, R.**, Agurcia, C., Kelder, S. H., Prokhorov, A. (2003, November). *Self-reported Reasons and Methods for Quitting Smoking among Primarily African-American and Hispanic Teens*. 131st APHA Annual Meeting & Exposition, San Francisco, CA.
- Prokhorov, A. V., Kelder, S. H., Conroy, J., Shegog, R., Murray, N. G., De Moor, C. (2003, November). *Do High School Students Help Smokers in their Social Environment Quit?* 131st APHA Annual Meeting & Exposition, San Francisco, CA.
- Billip, S., **Shegog, R.**, Conroy, J., Kelder, S., Murray, N. G., Prokhorov, A. (2003, November). *Resisting the Temptation to Smoke: Teen Attitudes on What Really Helps*. 131st APHA Annual Meeting & Exposition, San Francisco, CA.
- McAlister, A., **Shegog, R.**, Ford, K., Meshack, A., Hu, S., Peters, R. (2003, March). *Headbutt: Description of a Computer-based Smoking Risk Assessment Program for Middle School Students*. 4th Regional Conference on Advances in Teaching and Learning, The University of Texas Health Science Center at Houston, Houston, TX.
- Prokhorov, A., Kelder, S., Conroy, J., **Shegog, R.**, Cinciripini, P., Peters, R., Agurcia, C., Luca, M. (2002, November). *ASPIRE: Demonstration of A Smoking Prevention Interactive Experience for High School Students*. The University of Texas Research Day, Houston, TX.
- Prokhorov, A. V., Kelder, S. H., Conroy, J. L., **Shegog, R.**, Murray, N., Agurcia-Parker, C., Peters, R. (2002, November). *Smoking Prevention and Cessation via CD-ROM Curriculum for High-school Students*. 2002 National Conference on Tobacco or Health, San Francisco, CA.
- Prokhorov, A. V., Kelder, S. H., Conroy, J. L., Shegog, R., Cinciripini, P. M., Murray, N. (2002, August). *CD-ROM-based Smoking Prevention and Cessation Curriculum for Teens: Developing a Theory- and Evidence-guided Approach*. 7th International Congress of Behavioral Medicine, Helsinki, Finland.
- Prokhorov, A. V., Kelder, S. H., Conroy, J. L., **Shegog, R.** (2002, June). *Smoking Prevention and Cessation CD-ROM Curriculum for High-school Students*. Smokeless States Annual Meeting, Chicago, IL.
- Abramson, S. L., **Shegog, R.**, Bartholomew, L. K., Craver, J., Sockrider, M., Mullen, P., Craver, J., Pilney, S., Koepl, P., Gold, R., Czyzewski, D. I., Sellers, C., Fernandez, M. (2001, November). *The "Stop Asthma" Clinical System: Description of a Computer-based Decision Support Program for Community Pediatric Asthma Management*. AMIA 2001 Annual Symposium, Washington, DC.

- Conroy, J. L., Prokhorov, A. V., **Shegog, R.**, Kelder, S. H., Murray, N. G., Luca, M. (2001, October). *Computer-based Smoking Prevention and Cessation for Teens: Using the Intervention Mapping Process for Theory- and Evidence-based Multimedia Development*. 129th APHA Annual Meeting & Exposition, Atlanta, GA.
- Abramson, S. L., **Shegog, R.**, Bartholomew, L. K., Sockrider, M., Mullen, P., Craver, J., Pilney, S., Koepl, P., Gold, R., Czyzewski, D. I., Sellers, C., Fernandez, M. (2001, July). *The "Stop Asthma" Clinical System: A Novel Computer-based Decision Support Program for Implementation of Pediatric Asthma Management Guidelines in Houston Community Clinics*. 3rd Triennial World Asthma Meeting, Chicago, IL.
- Abramson, S. L., **Shegog, R.**, Bartholomew, L. K., Craver, J., Sockrider, M., Mullen, P., Pilney, S., Koepl, P., Gold, R., Czyzewski, D. I., Fernandez, M. (2000, May). *Expert Rules and Decision Algorithms for Physician Training and Support in the Management of Pediatric Asthma: A Qualitative Approach for a Computer-based Expert System*. Pediatric Academic Societies Annual Meeting: Health 2000, Boston, MA.
- Shegog, R.**, Bartholomew, L. K., Craver, J., Sockrider, M., Mullen, P., Pilney, S., Koepl, P., Gold, R., Czyzewski, D. I., Fernandez, M., Abramson, S. L. (2000). *Expert Rules and Decision Algorithms for Physician Training and Support in the Management of Pediatric Asthma: A Qualitative Approach*. American Thoracic Society 2000 International Conference, Toronto, Canada. *American Journal of Respiratory and Critical Care Medicine*, 161(3), A268.
- Shegog, R.**, Bartholomew, L. K., Gold, R., Parcel, G. S., Czyzewski, D. I., Sockrider, M., Fernandez, M., Abramson, S. L. (1999). *Demonstration of an Effective Computer-based Pediatric Asthma Self-management Training Program*. American Thoracic Society 1999 International Conference, San Diego, CA. *American Journal of Respiratory and Critical Care Medicine*, 159(3), A268.
- Shegog, R.**, Gold, R. S., Pierrel, E., Bartholomew, L. K., Parcel, G. S., Sockrider, M. M., Czyzewski, D. I., Fernandez, M., Berlin, N., Combes, R., Abramson, S. L. (1998). *Self-management for Pediatric Chronic Disease: A Description of the Watch, Discover, Think, and Act Asthma Education CD-ROM*. AMIA 1998 Annual Symposium, Orlando, FL. In: C. G. Chute (Ed.), *Proceedings of the AMIA 1998 Annual Symposium*, 1124.
- Bartholomew, L. K., Gold, R., Parcel, G. S., Czyzewski, D., Sockrider, M., Fernandez, M., **Shegog R.** (1995). *Developing and Implementing Educational Strategies and Interventions for Controlling Asthma in Inner City and High-risk Populations*. The University of Texas Faculty Research Symposium, Houston, TX.

#### **ABSTRACTS SUBMITTED** (pending acceptance)

- Kimmel B, VonVille H, Stonecypher K, Anderson J, **Shegog R.** Outcome Measures for Goal Attainment in Secondary Stroke Prevention: A Systematic Review of Systematic Reviews. 19-ISC-A-3308-AHA, Honolulu, HA.
- Kimmel B, Anderson J, Walder A, Martin L, Burns J, **Shegog R.** Stroke Survivors' Lived Experiences after Hospital Discharge: A Phenomenological Study 19-ISC-A-3324-AHA
- Kimmel B, Anderson J, Swank PR, Swartz MD, Burns J, **Shegog R.** The Goal Attainment Measure (GAM-S) for Secondary Stroke Risk Factors Management: Pilot Test and Psychometric Analysis 19-ISC-A-3325-AHA

## **TEACHING EXPERIENCE**

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### **PRIMARY COURSES TAUGHT**

PH1111	Health Promotion Theory and Methods I The University of Texas School of Public Health Co-taught (30% time) with Drs. Deanna Hoeschler (lead) and Belinda Reininger	Fall 2017, 2016, 2015, 2014, 2013, 2012.
PHW1110 Online	Social and Behavioral Aspects of Community Health (online) The University of Texas School of Public Health	Spring 2016, Summer 2017, Summer 2018
PH1110	Social and Behavioral Aspects of Community Health The University of Texas School of Public Health Co-taught (40% time) with Dr. Wendell Taylor (lead)	Summer 2012; Summer & Fall 2011; Summer & Fall 2010; Fall 2007–2009
HI5380	Foundations of Public Health Informatics Course The University of Texas School of Biomedical Informatics Co-taught (30% time) with Dr. Ed Hsu (lead)	Fall 2009–2013; Spring & Fall 2008; Spring 2004
PH1498 (Class 8858)	Technology, Entrepreneurship and Applied Innovation in Public Health	Spring 2018

### **GUEST LECTURER – CORE AND ELECTIVE COURSES**

Focus primarily on application of behavioral theory in the development, implementation, and evaluation of computer-based applications for health promotion and disease prevention.

2018	Hackathon Mentor. Mobile and connected health interdisciplinary course through the Center on Excellence at the UTHealth Consortium on Aging	03/2018
PHD3846	Quality Management and Improvement in Healthcare (I. Revere)	09/2016
PH5402	Social and Behavioral Aspects of Physical Activity – debate judge (W. Taylor)	04/2016; 04/2017
HI5380	Public Health Informatics. Health Promotion and Disease Prevention (S. Myneni). UTHealth School of Biomedical Informatics, Houston, TX	10/2015
PH1238	Adolescent Sexual Health (C. Markham, M. Peskin) The University of Texas School of Public Health, Houston, TX	10/2017; 11/2014
PH2998	Center for International Training and Research (CITAR) doctoral seminar The University of Texas School of Public Health, Houston, TX	02/2014
ANTH4931/ WMST4931	Gender and Public Health (G. Cummins) University of Houston–Clear Lake, Houston, TX	03/2013
PH1227	Advanced & Emerging Theories for Health Promotion (M. Fernandez) The University of Texas School of Public Health, Houston, TX	Fall 2012; 10/2011
PH1111	Health Promotion Theory and Methods I (D. Hoeschler, T. Byrd, B. Reininger) The University of Texas School of Public Health, Houston, TX	Fall 2009; 11/2008; 10/2007; 11/2005; 11/2004

PH1113	Advanced Methods for Planning and Implementing Health Promotion Programs (Intervention Mapping) (K. Bartholomew, G. Parcel, C. Markham, M. Fernandez) The University of Texas School of Public Health, Houston, TX	11/2008; 03/2007; 10/2006; 03/2006; Fall 2002
PH1433	Research Seminar in Health Promotion and Behavioral Sciences (S. Vernon, A. Springer) The University of Texas School of Public Health, Houston, TX	09/2018; Spring 2018; Fall 2017; Spring, 2017; Fall, 2016, 2015; Spring, 2015; Fall, 2013, Spring 2013; Fall 2012; 04/2011; 03/2010
ITVH1498	Practice in Health Behavior Change (S. Walters) The University of Texas School of Public Health, Houston, TX	03/2008–2011; 02/2007; 04/2004–2006
HI5340	Introduction to Learning Environments in Health Sciences (C. Phelps) The University of Texas School of Public Health, Houston, TX	09/2007
PH1498	Communication for Health Promotion (A. McAlister) The University of Texas School of Public Health, Houston, TX	02/2006
PH4715	Public Health Microbiology I (C.Chappell) The University of Texas School of Public Health, Houston, TX	Fall 2005
PH1235/ PH1110	Social and Behavioral Aspects of Physical Activity and Public Health (W. Taylor) The University of Texas School of Public Health, Houston, TX	Fall 2017, 2016, 2015, 2014, 2013, 2003–2005
PH2998	Epidemiology of Child and Adolescent Health (S. Kelder) The University of Texas School of Public Health, Houston, TX	Fall 2016, Summer 2015, Spring 2003

## TRAINING PROGRAMS

2010–2017	Lecturer. UTSPH–BCM MCH Certificate Training Program, HRSA Health Resources & Service Administration, 1T04MC12785-01-00 (PI: M. Caughy) This UTSPH–BCM Multimodal Maternal and Child Health (MCH) Training Program is to strengthen the capacity of the public health workforce to meet the diverse needs of Title V populations via accessible and customized MCH public health education and training.
2017	Lyons E., Shegog, R., Staiano A, Thompson D. Best Practices for Incorporating Gamification and Game Mechanics into Behavioral Interventions. mHealth Training Institute. Society of Behavioral Medicine Annual Meeting. March 29-April 1, 2017. San Diego, CA.
2015	Shegog, R. Keeping The User Central. An Intervention Mapping Approach. mHealth Training Institute. Society of Behavioral Medicine Annual Meeting. April 22, 2015. San Antonio, TX.
2012–2015	Planning Committee Member. Emerging Tech Conference. Annual collaborative between the Baylor Teen Health Clinic and the Center for Health Promotion and Prevention Research at The University of Texas School of Public Health.
2009–2012	Co-instructor. Annual Adolescent Sexual Health Course. The University of Texas Prevention Research Center, Houston, TX. Co-taught with S. Tortolero, C. Markham, and M. Peskin.
2009–2011	Planning Committee Member. Teen Tech Conference. Annual collaborative between the Baylor Teen Health Clinic and the Center for Health Promotion and Prevention Research at The University of Texas School of Public Health.
2010	CDC Managing Epilepsy Well (MEW) Network Webinar. New Community-based Programs and e-Tools for Depression Treatment and Epilepsy Self-management.
2010	Health Information Technology for Safety & Quality, AHRQ Training Program. Behavioral theory to silicon chip in the service of adolescent behavior change. UTSHIS.

2001 CME Accreditation for Primary Care Physicians and Specialists: The Stop Asthma Clinical System for Asthma Management. Baylor College of Medicine, Texas Children’s Hospital, Texas Medical Center, Houston Texas. Co-instructor with S. L. Abramson, M. M. Sockrider, and S. Pilney.

**FACULTY MENTORING**

2017 Michael Wilkerson, Assistant Professor, UTSPH Houston Campus, Chair, 3-year review.

2017 Michiko Clutter, PhD., Assistant Professor, UTSPH Dallas Campus.

2016 Keila Natilde Lopez MD, Assistant Professor, Pediatrics, Pediatric Cardiology, Texas Children’s Hospital / Baylor College of Medicine.  
K23 Grant development. NIH Submission HL127164-01 “Building Mobile Technologies to Reduce Disparities in Congenital Heart Disease.” Grant awarded Summer, 2016.

2015 Sahiti Myneni, Assistant Professor, UT School of Biomedical informatics  
UT Grant 102 Development Program. Development and evaluation of consumer-facing socio-behavioral technologies.

2012 Kayo Fujimoto, Assistant Professor, UTSPH  
UT Grant 102 Development Program. NIH submission RMH100021A “Young Men’s Affiliation Project (YMAP)” received a score of 21 (11th percentile). Grant awarded.

**STUDENT MENTORING**

**Training Grants**

2011–2015 Mentor. AHRQ Training Program for Patient Safety and Quality, Gulf Coast Consortia. Keck Center Training Continuation Grant Proposal. (PI: T. Gorry)

2010–2018 Mentor. Cancer Prevention and Research Institute of Texas (RP101503). Collaborative Training of a New Cadre of Innovative Cancer Prevention Researchers. (PI: R. Ness)

2009–2014 Mentor. Health Resources & Service Administration (1T04MC12785-01-00). UTSPH–BCM MCH Certificate Training Program. (PI: M. Caughy)

2008–2012 Co-investigator. AHRQ Training Program for Patient Safety and Quality, Gulf Coast Consortia. Keck Center Training Grant Proposal in response to FRA-HS-08-00. (PI: T. Johnson)

2006 Co-investigator. Research Training in Biomedical Informatics Institutional Grant. NLM. Application to fund approximately 20 fellows in public health informatics. (PI: J. Zhang)

**Doctoral Students (Advisor/Doctoral Research Supervisor)**

<b>Name</b>	<b>Degree</b>	<b>Dissertation Title or Status</b>	<b>Completion</b>
Dana Danaher	PhD	Pending qualifying exam.	Pending
Elisabeth Becker	PhD	HPV vaccination in the digital age (working title)	Pending
Barbara Kimmel	PhD	Measuring chronic disease self-management in clinical and research contexts: Development and validation of the Goal Attainment Tool for Stroke (GAT-S)	Pending

Benjamin Lee	PhD	Predictors of achievement in the serious health gaming (working title)	Pending
Raven Cunningham	PhD	Depression screening using smartphone technologies: A data driven approach	05/2017
D'Cruz, Jina	PhD	Executive Cognitive Function and Sexual Health Self-regulation	05/2015
Al-Amari, Eman	PhD	Practices and Attitudes Differences in Physicians' Cigarettes Use: A Study of Prevalence, Physicians' Role, and Smoking Policy Awareness in Dubai, UAE	05/2011
Chandwani, Kavita	DrPH	Quality of Life, Symptom Experience Journey To Ovarian Cancer Diagnosis, and Use of Complimentary and Alternative Methods for Symptom Relief in Women with Ovarian Cancer	12/2010
Englehardt, Joan	PhD	Qualifying exam committee.	10/2009
Husain, Tasneem	DrPH	Improving the Health and Well-Being of Women at Risk for Neural Tube Defect Recurrence	05/2009

**Doctoral Students (Advisory Committee Member)**

<b>Name</b>	<b>Degree</b>	<b>Dissertation Title or Status</b>	<b>Completion</b>
Adriana Ordenez	PhD	Stochastic search variables selection applied to a bayesian hierarchical generalized linear model for dyads	Pending
Sarita Mantravadi	PhD	Cost-benefit analysis of recommended treatments for hepatitis C virus genotype 1A infected medicaid beneficiaries	07/2016
Chin, Cheryl	PhD	The Business Case for Promoting Prevention Through Corporate Cancer Marketing Programs	05/2015
Gonzales, Daniel	PhD	EHR Implementation & Adoption	05/2014
McKelvey, Florence	PhD	Efficiency Form Pharmacy Inventory Technology: A Means to Improving Quality in Non-profit Hosptials	05/2013
Siddiqui, Aisha	PhD	Exploring Physical Activity Behavior among South Asian Women in Houston, TX	05/2013
Consello, Joan	PhD	The Relationship between Epilepsy Self-maangement and Health Outcomes for Persons with Differing Socioeconomic Backgrounds	12/2012
Kim, Jung Hyun	PhD	Completed qualifying exam (behavioral component)	06/2012
Volding, Devin	PhD	The Role of Cardiorespiratory Fitness and Weight Status on 24-hr Ambulatory Blood Pressure among Adolescents	05/2012
Holm, Margaret	PhD	Public Policy Implementation: An Analytic Framework for Health Care Organizations	05/2012
German, Velandra	PhD	An Examination of Spirituality, Self-efficacy, and Smoking Cessation among Adults in Houston, TX	05/2010
Ongen, Beril	DrPH	Completed qualifying exam (behavioral component)	02/2010
Agurcia-Parker, Carolyn	PhD	An Investigation into the Relationship between Screen Time Consumption of Advertised Foods and Physical Activity among Elementary School Children	05/2009
Drenner, Kelli	PhD	If We Call Them, Will They Change? Feasibility of a Telephone-based Motivational Enhancement Interview Intervention Aimed at Parents to Reduce Screen-time among 2nd- and 4th-grade Children	05/2008
Rice, Shelia	DrPH	An Internet Study of Men Who Have Sex with Men	05/2008

### Masters Students (Advisor/Thesis Research Supervisor)

<b>Name</b>	<b>Degree</b>	<b>Thesis Title or Status</b>	<b>Completion</b>
Michael Hansen	MPH	Pursuing Health IT Acceptance to Improve Advanced Usage of EHR Derived Data	Pending
Katarzyna Czerniak	MPH	Development and usability testing of Quit4Health, a smoking cessation smartphone App for young adults.	Pending
Namita Bhardwaj	MPH	Pending	Pending
Biral Patel	MPH	Completed culminating experience course.	05/2018
Maya Duna	MPH	Completed culminating experience course.	05/2018
Abigail Sedory	MPH	Let's talk about sex: a dyadic analysis on communication about initiation of sex between parent and adolescent youth using baseline data from the "it's your game: the secret of the seven stones" program.	05/2017
Jessica Hua	MPH	A qualitative analysis of parent-youth perspectives of the Secret of Seven Stones: An online, intergenerational HIV, STI, and pregnancy prevention computer game.	05/2017
Amy Wei	MPH	Completed culminating experience course.	05/2016
Deborah Osafehinti	MPH	Transferred to Department of Epidemiology.	11/2016
Sara Dube	MPH	Completed culminating experience course.	05/2015
Laura Ceglio	MPH	The Secret of Seven Stones: Applying Intervention Mapping for the Development of an Intergenerational, Online Game to Prevent STI/HIV and Pregnancy in Middle-school Youth	05/2015
Kirsten Ostherr	MPH	Systematic Review Comparing Effectiveness of Different Communication Techniques in End-of-Life Communication	05/2014
Harding, Angelique	MPH	Biomedical Informatics Applications for Epilepsy Care: A Systematic Review	05/2012
Gurkin, Jana	MPH	Completed culminating experience course	05/2012
Liyanage, Windumini	MPH	Evaluation of Web-based Resources for HIV+ Youth	08/2011
Ross, Kelley Ann	MPH	Improving the Transitional Experience of Previously Incarcerated Women	05/2011
Griffith, Melissa	MPH	Assessing the Fun in Serious Games: Formative Evaluation of Two Diabetes Prevention Interventions	05/2010
Sahni, Christina	MPH	Cost Analysis of Opt-in Consent Procedures for the Texas Statewide Immunization Information System, ImmTrac	05/2010
Leila Torres, Jennifer	MPH	Evaluation of Web-based Resources for Pregnant and Parenting Teens	08/2009
Richards, Jerry	MPH	A Cross-sectional Analysis of Physical Activity and Obesity in Inner City Houston Texas Mexican American youth	05/2008
Glas Gaspers, Mary	MPH	Healthcare Provider Perspectives on Parental Refusal of Medical Interventions: A Qualitative Study	05/2008
Mowry, Melanie	MPH	An Innovative Approach to Impacting Student Academic Achievement and Attitudes: Pilot Study of the Heads Up Virtual Molecular Biology Lab	05/2007
Brown, Anthony	MPH	Knowing Your Higher Power: A Seven-week Spiritual Involvement Intervention for Twelve-step Substance Abuse Treatment	05/2006

### Masters Students (Advisory Committee Member)

<b>Name</b>	<b>Degree</b>	<b>Thesis Title or Status</b>	<b>Completion</b>
Pooja Chaudhary	MPH	Sexting and Mental Health: A School-Based Longitudinal Study among Youth in Southeast Texas.	05/2017
Klaas, Kelly	MPH	The Use of Health Communication Technology for Promotion of Healthy Weight in Adolescents: A Systematic Review	08/2014
Gutierrez, Esperanza	MPH	Completed culminating experience course.	08/2012
Barbee, Gary	MPH	Investigation of the Acute and Chronic Toxicity of Pharmaceuticals and Personal Care Products as Aquatic Environmental Pollutants. Completed culminating experience course	05/2012
Uriate, Jessica	MPH	Better Together: Addressing Birth Defects through Community Health Worker Continuing Education Curricula	05/2012
Haddad, Robin	MPH	The Effect of Yoga on Cardiovascular Health as Measured by Heart Rate Variability in a Sample of Breast Cancer Patients	08/2010
Youens, Abigail	MPH	Finding the Seroprevalence of Rickettsial Infections in Shelter Dogs in Harris County	05/2009
Bettis, Emily Amanda	MPH	Diethylstilbestrol-Adenosis (DESAD) Hysterosalpingogram Study	12/2008
Mugartegui, Lillian	MPH	Genetic Polymorphism of Insulin-like Growth Factor-1 and Risk of Differentiated Thyroid Cancer: Retrospective Case Control Study	05/2007
Resnick, Melissa	MPH	Dogs as sentinels for Human West Nile Virus Infection in Houston, TX: A Prospective Seroprevalence Study	05/2006
Hampshire, Rachel	MPH	Assessing Essential Nutrition Services for Pregnant and Post-partum Women and Caregivers of Children through Age Five Years in an African Setting	05/2005
Porter, Anne	MPH	A Needs Assessment of Perioperative and Long-term Beta-Blockade in Cancer Patients Undergoing Surgery	05/2006

### **Traineeships**

<b>Name/Degree</b>	<b>Degree</b>	<b>Research Title</b>	<b>Completion</b>
Michael C. Robertson, MPH (Committee member)	Predocctoral Individual National Research Service Award (F31)	Developing and testing an electronically delivered acceptance- and mindfulness-based intervention to increase physical activity in breast cancer survivors.	Pending
Georges Elias Khalil, MPH, PhD.	Pathway to Independence Award (K99)	Social influence strategies during a web-based smoking prevention intervention for adolescents. Grant funded April 2, 2018.	2020
D'Cruz, Jina, PhD	Keck Predocctoral Fellow	Executive Cognitive Function and Sexual Health Self-regulation	2014
Harding, Angelique MPH, AES	Predocctoral Fellow	Usability of a Clinic-based Epilepsy Decision-support Tool	2013
Siddiqui, Aisha PhD	AHRQ Predocctoral Fellow	Using Self-monitoring Technology in Improving Patient Behavior	2012



## **PROFESSIONAL SERVICE**

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### **SCIENTIFIC PUBLICATION REVIEW PANELS**

- *AIDS Care*
- *American Journal of Health Promotion*
- *American Journal of Public Health*
- *BMC Pediatrics*
- *Computers In Education*
- *European Respiratory Journal*
- *Frontiers in Public Health*
- *Games For Health*
- *Health Education Research*
- *Health Education & Behavior*
- *Health Informatics Journal*
- *Journal of Addictive Behaviors*
- *Journal of Adolescent Health*
- *Journal of American Medical Association*
- *Journal of Asthma & Allergy Educators*
- *Journal of Diabetes Science and Technology*
- *Journal of Health Care for the Poor and Underserved*
- *Journal of Health Communication*
- *Journal of Health Promotion and Prevention*
- *Journal of Medical Internet Research*
- *Journal of Peace Research*
- *Journal of Preventive Medicine*
- *Journal of Primary Prevention*
- *Journal of Public Health Informatics*
- *Research In Science Education (RISE)*
- *Pediatrics*
- *Sex Education*
- *Social Science and Medicine*
- *Social Science Quarterly*
- *Vulnerable Children and Youth Studies*

### **CONFERENCE ABSTRACT REVIEW PANELS**

- 03/2011 Ad hoc reviewer. Medicine 2.0'11. IV. World Congress on Social Media and Web 2.0 in Medicine, Health, and Biomedical Research, Stanford University, Palo Alto, CA
- 2010–2011 Member. Sex::Tech, a national conference on health communication technology applications in sexual health
- 2006–2008 Chair. Annual Advances in Teaching and Learning Regional Conference, The University of Texas Health Science Center at Houston, Houston, TX
- 2004–2005 Member. Annual Advances in Teaching and Learning Regional Conference, The University of Texas Health Science Center at Houston, Houston, TX
- 2005 Member. American Medical Informatics Association Annual Meeting, Orlando, FL
- 2002 Co-convenor & Chair of Scientific Committee. Yoga for Positive Health: An International Conference and Workshop, University of Houston, Houston, TX

### **NATIONAL AND INTERNATIONAL GRANT REVIEW PANELS**

- 07/2018 NIH SBIR panel ZRG1 RPHB-Z (10) Disease Prevention and Management, Risk Reduction and Health Behavior Change
- 06/2017; 03/2017; 06/2015; 02/2015; 06/2014; 02/2014; 06/2010 NIH RPHB C(10)B SBIR Review Panel, Risk, Prevention and Health Behavior
- 10/2011; 06/2011 NIH ZRG1 RPHB-P (90) Special Emphasis Panel / Scientific Review Group 2012/01 Duncan Family Institute for Cancer Prevention and Risk Assessment Seed Funding Research Program (DFI SFRP)
- 03/2016 Chair, NIH RPHB C(10)B SBIR Review Panel, Risk, Prevention and Health Behavior

- 11/2009; NIH Literacy Review Panel Special Emphasis Panel/Scientific Review Group ZRG1 RPHB-B 50  
03/2009;  
06/2008;  
11/2007;  
03/2007;  
03/2006  
02/2009 NIH RPHB C-10 SBIR Review Panel, Risk, Prevention and Health Behavior Across the Lifespan  
03/2006 NIH Literacy Review Panel Special Emphasis Panel/Scientific Review Group ZRG1 RPHB-B (51)(S)  
07/2005 NIH Integrated Review Group. Reviewed R01 applications for the Risk, Prevention and Health Behavior (RPHB) Integrated Review Group (Council ZRG1 RPHB-J (04)  
04/2005 British Medical Research Council. Evaluation 240774 of G0500091  
03/2005 NIH. Health Literacy Small Grant Applications Reviewed for PAR-04-117. Understanding and Promoting Health Literacy (R03) for the RPHB-J-50 study section of the Risk, Prevention and Health Behavior (RPHB) Integrated Review Group (Council ZRG1 RPHB-J 50 R)  
07/2004 NIH AHRQ. Health Information Technology Special Emphasis Panel. Grant review for technological innovation in health care (n = 11)  
2003 NIH Oral, Dental, and Craniofacial Sciences SBIR/STTR (Small Business and Technology Transfer Grants) Special Emphasis Panel ZRG1 ODCS(10)B  
06/2002 CDC Special Interest Projects, Center for Disease Control Prevention Research Center Special Emphasis Panel  
2001 ESGAA: Expert Subcommittee on grant applications and awards, Health Services Research Committee, Hospital Authority Building, Kowloon, Hong Kong

## **NATIONAL COLLABORATIONS / WORKING GROUPS**

- 2017 – Present Chair, Managing Epilepsy Well (MEW) Dissemination Working Group  
2016 – Present Member, MEW National Epilepsy Data Base Working Group.  
2016 – 2017 Member, UTSPH rep., CIPC – Use of EHR/Data management & Health Informatics (Chair: Susan Fenton).  
2013 - 2018 Member, Managing Epilepsy Well (MEW) Pediatric Self-management Working Group  
2012–2013 Chair, Managing Epilepsy Well (MEW) eTools Working Group  
2006–Present Member, Managing Epilepsy Well (MEW) Network Collaboration

## **INVITED PRESENTATIONS**

- Shegog, R.** (2015, November) The Secret of Seven Stones: An Intergenerational Game to Impact Youth Skills and Parent-Youth Communication for Teen HIV, STI, and Teen Pregnancy Prevention. Sexual Health Research Summit. Albuquerque, NM.  
**Shegog, R** and Weimann C. (2015, October) Social Media and Health Care Transition. 16<sup>th</sup> Annual Chronic Illness and Disability Conference. Transition from Pediatric to Adult-based Care. Oct 1-2, 2015.  
**Shegog, R.** and Kunik, M. (2014, September). AlzsCare: mHealth to enhance caregiver management of dementia patients. South Central Mental Illness Research Education Clinical Center of Excellence (MIRECC), VA Mental Health, Houston, TX.  
**Shegog, R.** (2014, September). Teens and Technology. Texas School Health Advisory Committee. Texas Department of State Health Services School Health Program. Austin, TX.  
**Shegog, R.** (2014, March). Communities In Schools Career Presentation. Killough Middle School. Houston, TX.  
**Shegog, R.** (2014, March). Youth & Technology: Trends, issues, and reflections. Children At Risk 8<sup>th</sup> Annual Children’s Summit. New Trends Impacting Our Children. United Way, Houston, TX.  
**Shegog, R.** (2014, February). Youth & Technology: Trends, issues, and reflections. An experiential Journey.

- Harris County School Health Leadership and CHAMPSS Councils. Harris County Dept. of Education, Houston, TX.
- Shegog, R.** (2013, November). *Golden Flutes and Great Escapes*. Trailblazer Talk. University of Texas School of Public Health, Houston, TX
- Shegog, R.** (2013, June). *Games for Health*. Presented at Games People Play: A symposium on the applications of games in education, health, and industry. Institute of Electrical and Electronics Engineers (IEEE), Gilruth Center, NASA Johnson Space Center, Houston, TX
- Shegog, R.** (2013, April). *Native It's Your Game*. Panel chair and presenter in panel on Tech-based initiatives to impact the health of American Indian/Alaska Native youth. 6th Annual YTH Live Conference, San Francisco, CA
- Markham, C., **Shegog, R.** (2013, March). *Adaptation of a Computer-based HIV, STI, and Teen Pregnancy Program for Native American and Alaska Native Youth*. Baylor–UTHouston Center for AIDS Research (CFAR), AIDS Research Forum, Baylor College of Medicine, Houston, TX
- Shegog, R.** (2012, June). Keynote Address. *Wired Teens: A Mash-up*. Children At Risk, The Futures of Texas' Children Conference, Houston, TX
- Shegog, R.** (2012, April). *Sexuality in the Media: What Teens Are Exposed To*. HHS Leadership Meeting, Department of Health and Human Services, Houston, TX
- Shegog, R.** (2011, October). *Overexposed: Teen Exposure to Sexuality in the Media*. The Texas Campaign To Prevent Teen Pregnancy Annual Meeting, Austin, TX
- Shegog, R.** (2011, October). *Wired Teens: Sexual Exposure in the Media*. Youth Task Force, Houston, TX
- Shegog, R.** (2011, October). *Sexuality in the Media: What Teens Are Exposed To*. Link Up Greater Houston 5th Annual Conference, Houston, TX
- Shegog, R.** (2011, September). *It's Your Game: Strategic Branding For Sexual Health*. Health Branding Summit, Rockville MD. Sponsored by: DHHS, NCI, NICHD, NIDA, NIDDK
- Shegog, R.** (2011, September). *Computer Innovations in Asthma Care*. Asthma Coalition of Texas, Texas Children's Hospital, Baylor College of Medicine, Houston, TX
- Shegog, R.** (2011, April). *Wired Teens: A Mash-up*. 21st Century Cultures Symposium: Implications for the Journey to Adulthood, United Way, Houston, TX
- Shegog, R.** (2011, February). *Behavioral Theory to Silicon Chip in the Service of Adolescent Behavior Change*. UT Austin Regional Campus Seminar, Austin, TX
- Shegog, R.** (2010, October). *Behavioral Theory to Silicon Chip in the Service of Adolescent Behavior Change*. Keck Seminar, Baylor College of Medicine, Houston, TX
- Markham, C., **Shegog, R.** (2010, January). *AAY and +CLICK: Integrating Technology for Innovative Sexual Health and Self-management Skills Training within School and Clinic Settings*. Baylor–UTHouston Center for AIDS Research (CFAR), Baylor College of Medicine, Houston, TX
- Shegog, R.** (2009, June). *Behavioral Theory to Silicon Chip in the Service of Adolescent Behavior Change*. Department of Health and Human Services Seminar, Houston, TX
- Shegog, R.** (2007, December). *Application of Computer Technology for Health Behavior Change*. Residential school for MPH students, University of West Indies, Kingston, Jamaica
- Shegog, R.** (2007, August). *Application of Information Technology for Behavioral Change*. Broken Hill Health Department, New South Wales, Australia
- Shegog, R.** (2003, March). *Aspiring to ASPIRE: Using Intervention Mapping in the Development of a Smoking Prevention and Cessation Program for High School Students*. Vernon Research Team, UT Center for Health Promotion and Prevention Research, Houston, TX
- Shegog, R.** (2002, May). *Interactive Health Communication: Some Issues and Development Principles*. UT Center for Health Promotion and Prevention Research, Houston, TX

## **CONSULTING EXPERIENCE**

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- 09/2018 Grant reviewer. University of Indianapolis.
- 01/2014 - 10/2014 Blended RTR Project. Attended all blended RTR advisory meetings and provided guidance on the project.
- 09/2012 - 08/2013 Development of design documentation for self-management skills training game for children with Cystic Fibrosis. Cystic Fibrosis Foundation, Bethesda, MD.
- 08/2007 Curbing Tobacco Use in Suburban and Rural Schools. (PI: A Prokhorov)  
Source of support: National Institutes of Health 5-year subcontract with total direct costs for 5 years at \$114,995. Developed, implemented, and evaluated a computer-based smoking cessation intervention tailored for rural schools.
- 08/2002 Internet application development for smoking cessation for university students. University of Minnesota, Minneapolis, MN.
- 11/2001 Program materials review: Tobacco-Free High Schools: A Student Marketing Approach.

## **INTERNAL SERVICE**

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- 2018 - Present Member. IFC ad hoc committee on worklife balance and non-physician burnout.
- 2017-2018 Member. UTSPH IT Faculty Advisory Committee.
- 2017 - 2018 Member. UTSPH online distance education task force.
- 2017 Member. UTSPH website proposal review committee
- 2017 - Present Member. Behavioral Science Curriculum Committee.
- 2016 - Present Member. IFC Administrative Affairs subcommittee.
- 2016 - 2017 Chair. IFC Administrative Affairs subcommittee.
- 2016 – Present UTSPH Member. Faculty Development Leave Committee (FDLC).
- 2016 - Present Member. Steering committee. Consortium on Mobile and Connected Health Technology.
- 2016 Member. Center for Interprofessional Collaboration (CPIC) EHR/data management and Health Informatics Content Team.
- 2015 - 2016 Chair. IFC Administrative Affairs Subcommittee.
- 2014 – Present Faculty Lead. UTSPH & SBMI dual degree and PHI certificate programs: MS/MPH, PhD/MPH, PHI certificate.
- 11/2014- 2015 Member. UTSPH School-wide curriculum committee.
- 11/2014– 2015 Member. UHealth Task Force on Alcohol and Substance Abuse.
- 10/2014–10/2015 Member. IFC Faculty Rights Subcommittee.
- 09/2014 – Present Member. UHealth Interfaculty Council. UTSPH representative.
- 05/2014 Reviewer. Dietetic internship scholarship program.
- 2012 - Present Member. Faculty Council. Behavioral Sciences Department representative.
- 2011–2012 Member. Faculty Council (AAR Evaluation Subcommittee).
- 2008–Present Member. Keck Center and AHRQ Training Program for Patient Safety and Quality Selection and Review Committee.
- 06/2013–12/2014 Member. UTSPH IT Council.

02/2014	Workshop in-service. HIH Study Sections Unveiled. Insights from reviewers.
01/2014	Interviewer. New faculty search committee, UT School of Biomedical Informatics.
2013	Reviewer. UT Research Council specific aims review & mock review panel for faculty grant submission.
2012	Interviewer. Search Committee for Dean of UT School Biomedical Informatics.
03/2011–12/2012	Member. Innovation Incubator Committee
09/2009–03/2011	Member. Faculty Annual Activity Report Evaluation Subcommittee (Lead: D. Gimeno)
09/2009–03/2010	Member. UTSPH Website Development and Subcontractor RFP Evaluation Committee
09/2010	Member. UTSPH Capstone Course Exam Item Writing Committee (Lead: J. Risser)
2005–2008	Member/UTSPH Representative. Information Technology Governance Council Research Subcommittee
2004–2008	Member. UTSPH Behavioral Sciences Student Admissions Committee
10/2008	Graphic Design for “Proyecto Shilo” Research Project on Norms of Immigrant Latino Male Laborers (PI: Fernandez-Esquer)
03/2008–04/2008	Member. Serious Games Initiative Committee, UT System.
02/2008	Planning Assistant. “Health of Texas” Open House Event at UTSPH
2006–2007	Member. UTSPH Faculty Annual Report Review Committee for 2006. Member in the Non-tenure Assistant Professor Category for the review of the 2006 Faculty Annual Reports (n = 33)
2005	Member. Teaching and Learning Day Planning Committee. Represent UTSPH and assist in decisions regarding location, times, speakers, and committee structure
2005	Member. UTSPH Division of Behavioral Sciences Website Review Group. Reviewing content, structure and function of the behavioral science website
01/2005	Member. UTSPH Faculty Annual Report Review Committee for 2005. Member in the Non-tenure Assistant Professor category for the review of the 2004 Faculty Annual Reports (n = 125)
09/2004	Member. Academic Promotions Committee. Reviewed an application for promotion of UT School of Health Information Sciences faculty member to full professor
05/2004	Member (ad hoc). UTHSC Research Conflicts of Interest. Reviewed and advised on a conflict of interest case related to educational technology
2003	Member. Health Promotion Committee, Center for Health Promotion and Prevention Research
2002	Member. Tenure Review Panel for Associate Professor, UT School of Health Information Sciences
03/2002	Convener. Seminar on Stress: Foundations and Yogic Perspectives on Therapy, UTSPH

## **COMMUNITY SERVICE**

5/2016-Present	<i>Board of Directors.</i> Culture of Health – Advancing Together (CHAT). A non-profit organization to foster health and well-being among immigrant and refugee families.
8/2015	<i>Interviewee:</i> Post-doctoral research. Tailoring persuasive digital games to increase risk perception and uptake of the HPV vaccine among male college students.

- 12/2014 *Interviewee*. Doctoral research on serious gaming development ontology. University of Central Florida, College of Medicine.
- 2013 *External reviewer*. Faculty promotion packet to Associate Professor, University of Rhode Island.
- 2008–Present *Member*. Houston Serious Games Research Consortium, Houston, TX.
- 03/2010 *Invited Representative*. International Conference on Advancing a Population Health Intervention Research Agenda, Quebec, Canada.
- 2009 *Zoological research*. Micronesian Kingfisher. Environmental children’s book, *Count Them While You Can*, by A. Bowman (Little Hare Books, New South Wales, 2009) (Winner: Eve Pownall Notable Book for 2011 through the Children’s Book Council of Australia Awards)
- 02/2008 *Member*. Review Panel. Reviewed and judged screenplays (n = 5) in conjunction with “Scenarios USA” for “What’s the Real Deal About Masculinity,” a national writing contest for adolescents
- 10/2007 *Reviewer*. Research proposal by C. Osterbye, “Health from the Perspectives of Shamanism, Ayurveda, Traditional Chinese Medicine, and Contemporary Vibrational Paradigms”
- 10/2007 *Reviewer*. Proposal and film script review: “HIV/AIDS: Our Problem Our Solution.” Triple-Diamond Productions, Renton, WA
- 2004–2006 *Member*. Expert Advisory Counsel. The Brutal Truth Project – A Comprehensive Educational Media Approach to Violence Prevention. “The Brutal Truth: Protecting the Family from Violence” premiered on PBS, Channel 8, on April 13, 2006
- 2003–2005 *Member*, Committee for Steps to a Healthier Houston/Harris County. A consortium formed to seek funding through the Steps Toward a Healthier US Initiative to target and impact high-priority health needs within Harris County
- 2005 *Graphic design*. Infection containment facility poster graphics (series of 6 water-color designs). Texas Children’s Hospital, Houston, TX
- 2005 *Promotional design*. Sketches of stylized jogging roadrunners for River Oaks Elementary IB World School Fun Run T-shirts and promotional flyers. Original sketches auctioned for the school
- 03/2005 *Technical Advisor*. Provided technical expertise on the development of a public service announcement on the health effects of tobacco. This PSA aired on Fox TV in March 2005
- 2004 *Volunteer*. Katrina Emergency Relief, George R. Brown Convention Center. Coordination of medical personnel, data entry, and liaison between hurricane evacuees and medical personnel
- 2004 *Reviewer*. SBIR grant review for “Body of Knowledge,” a for-profit start-up organization devoted to nutrition and exercise counseling
- 2004 *Reviewer*. Reviewed grant applications for ChildBuilders, a community non-profit organization
- 10/2004 *Presenter*. River Oaks Elementary IB World School. Demonstrated and discussed smoking prevention and cessation
- 05/2004 *Presenter*. Biology class, Kincaid High School. Lecture & demonstration on changing behaviors with computers and media effects on sexual behavior
- 02/2004 *Reviewer*. Reviewed and judged screenplays in conjunction with “Scenarios USA” for “What’s the Real Deal,” a national writing contest for prevention of sexually transmitted diseases and pregnancy videos for adolescents
- 12/2002 *Preceptor*. Girl Scout Troop 693, completion of CyberGirlScout Badge, Pearland, TX

## **NEWS MEDIA COMMUNICATIONS**

- 02/26/2018 Mayor’s Office of Cultural Affairs. Mayor Announces Arts Grants for Grassroots Organizations in the Five Complete Communities. Visit My neighborhood Grants.

- <http://www.houstontx.gov/culturalaffairs/20180226.html> and Facebook announcement <https://www.facebook.com/HoustonMOCA/posts/1568849663213581>
- 11/16/2017 Webinar. Healthy Native Youth: A one-stop-shop for culturally-relevant health curricula. Office of Minority Health Resource Center. Nov. 16, 2017.
- 09/22/2017 Researchers create health curriculum for Native American youth. *Pioneers* UTHealth School of Public Health. Vol.3, Summer 2017.
- 01/06/2017 Mobile health Care. How smartphones and new technology could improve your health. Interview with Chuck Begely on the MINDSET epilepsy decision support system. UTHealth School of Public Health Weekly News. Jan. 6<sup>th</sup>, 2017.
- 09/15/2016 Native IYG adaptation. National Clearinghouse on Families and Youth, the communications arm of the Family and Youth Services Bureau. Interview with Janelle Rucker.
- 10/16/2015 Center for Health Promotion and Prevention Research public relations video interview.
- 03/05/2014 Youth, technology, and parental communication. *Telemundo News*. Carlos de Pavia. *Noticiero Telemundo Houston*. Houston. Aired Thursday, March 5<sup>th</sup>, 2014.
- 02/21/2014 MINDSET epilepsy decision support. Christie Myers Health Segment, Channel 13 News Houston. Aired Friday, Feb 28, 2014.
- 10/2011 Expatriate Interview on Mornings with Deborah Cameron, Australian Broadcasting Corporation (ABC) RADIO 702, Sydney, Australia
- 09/29/2009 Interview on “It’s Your Game,” an HIV, STI, and pregnancy prevention program for middle school youth, WBZ-AM 1030, Boston, MA
- 07/17/2009 Featured article. “Innovative video game helps teach HIV-positive teens about safer sex.” *TheBody.com*. <http://www.thebody.com/content/art52724.html>
- 07/13/2009 Interview on “It’s Your Game,” an HIV, STI, and pregnancy prevention program for middle school youth. “Game helps teens learn about safe sex.” ABC13 (KTRK-TV Houston, TX) HealthCheck. <http://abclocal.go.com/ktrk/story?section=news/health&id=6906660>  
Aired subsequently 40 times on ABC, FOX, and CBS affiliates across the country including Austin, Memphis, Cincinnati, Los Angeles, Chicago, Philadelphia, Las Vegas, Denver, and Boston. Estimated viewership in LA, Chicago, and Philadelphia was just under 715,000
- 06/23/2009 “Game for HIV positive youth developed.” *Science Daily*. <http://www.sciencedaily.com/releases/2009/06/090623133525.htm>
- 06/22/2009 UTSPH Media Release. “UT School of Public Health researchers develop game for HIV+ youth.” <http://www.uthouston.edu/media/story.htm?id=1214856>

## **VISUAL ART, PERFORMANCE ART, & MULTI-MEDIA PRODUCTS & AWARDS**

- 2018 Logo design. Insight Meditation Houston logo concept sketches.
- 2018 *Time Piece*. Collage featuring clock and watch faces.
- 2013 ‘*YIG Family: Beyond the Talk*’. Internet-based game to impact sexual health and parent–child communication. Conceptual design and oversight.
- 2013 ‘*YIG Dating Violence*’. Conceptual design, review, and oversight.
- 2012-2013 ‘*ICHAMPSS Community Sexual Health DSS*’. Upper level concept design and oversight.
- 2013 ‘*MINDSET Vers 2.1*’. Interface design and functional specifications.
- 2013 ‘*NATIVE It’s Your Game*’. Activity interface design and scripting.
- 2011 Graphic design. Corporate logo commissioned by IMI, LLC..
- 2011 ‘*MINDSET Vers 1.0*’. A Management Information & Decision Support Epilepsy Tool. Interface design and functional specifications.
- 2011 ‘*YIG Tech*’. A 13-lesson computer-based HIV, STI, and pregnancy prevention middle school curriculum. Activity interface design and scripting.
- 2007 *Snake Skin Boot*. Commissioned mural for 5’ boot installation. Displayed at City Hall, Houston.

- 2007 *'En Vivo'*. Simulation interface design and functional specifications.
- 2007 *'Heads Up Virtual Molecular Biology Lab'*. Program interface design and scripting.
- 2007 *'All About Youth (It's Your Game Risk Avoidance)'*. Activity interface design and scripting.
- 2005 Graphic art. Infection containment facility posters. Texas Children's Hospital.
- 2005 *'Asthma Management Mission Quest'*. An illustrated epic poem with a Gothic horror twist.
- 2005 Graphic art. Whimsical Roadrunner pencil sketches. River Oaks Elementary Fun Run T-shirt. Originals auctioned for charity.
- 2005 *'Booster Break'* Video and manual design.
- 2004 *PDA smoking cessation decision support program for dentists*. Interface design, functional specifications, and scripting.
- 2003-2004 *'It's Your Game...Keep It Real.'* Activity and program interface design and scripting.
- 2003 *'Peacetest.org'* interface design and functional specifications.
- 2001– *'Trochoca'* *'Guerrilla'* full-feature digital film directed and produced on location in Houston.
- 2000 *'ASPIRE'* activity interface design and scripting (NIH funded).
- 2000-2002 *'Headbutt'* interface design, Armadillo graphics, rap script, audio recording, and direction.
- 1997-2000 *'Trochoca'* full length feature film screenplay.
- 2003 Logo design. Lions Soccer Club jerseys, back packs, and club directory.
- 2001 *'I'm Houston Cowed'* Houston Cow Parade design and production April – Sept, 2001. Displayed at Greenway Plaza (Sept.–Nov. 2001), then Texas Children's Hospital food court 2001–present.
- 1998-2001 Mixed media visual wall mounts. Series of 5 paintings on canvas for private collection.
- 1997-1998 *"Stop Asthma Clinical System"* interface design and computer graphic icon development.
- 1997 Logo design. Univ. Texas Institute for Molecular Medicine Gene Knockout Core Facility.
- 1997 *'The Way of the Coop'*, an illustrated children's book based on the play.
- 1995 *'Watch, Discover, Think, and Act'* interface design, sketches, screen maps, and functional specifications for a computer-based asthma educational game.
- 1995 *'Bristling'*, B&W 16mm film. Award of Merit at Interpretations Art Show, Baylor Coll. Med.
- 1994 Logo. Rattlers Soccer Club team jerseys.
- 1994 *'Bristling'*. B&W 16mm film. Screenplay, musical score, direction, & photography. Screened at the Rice Open House.
- 1993 *'The Way of the Coop'*, winner of the University of St. Thomas' nation-wide play write competition *'Trees'*, performed at the University of St. Thomas.
- 1993 *'Of Pistols and Pan Flutes'*, a 10 minute play.
- 1992-1995 Graduation skits. Wrote, produced, and directed over 30 3-min skits for the UTSPH, Houston.
- 1992 *'As Is'* publicity flyer for William M. Hoffman's play with proceeds benefitting Milam House.
- 1991 *'Relate to Your Weight,'* Interactive graphic based BMI educational program in Turbo Pascal.
- 1991 *'Moonlighting'*, a frame-based story set to Leo Sayer's original top-40 track.
- 1991 *'Bach Chal'* full length film screenplay.
- 1991 *'Beauty and the Beast'*, screenplay for single episode for the television series.
- 1991 *'Star Trek'* feature film screenplay.
- 1991 *'Journeys In My Mind,'* anthology of poems and pen and ink musings.
- 1991 *'Genesis'* Pen & ink. Award of excellence. Interpretations Art Show, Baylor College of Medicine.
- 1986 *'Feline in Repose 2'*. Acrylic life painting commissioned. Grenfell Art Show, N.S.W., Australia.
- 1986 *'Feline in Repose 1'*. Acrylic life painting sold. Grenfell Art Show, N.S.W., Australia.